

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020524\
 Data File : VW027958.D
 Acq On : 05 Feb 2024 16:55
 Operator : SY/MD
 Sample : P1352-03
 Misc : 5.80g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0FN6

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\SFAMWLM020524SMA.M
 Title : SFAM01.0

Signal : TIC: VW027958.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	88	rVB	64830	138475	11.39%	1.376%
2	2.899	158	166	182	rBV	53685	146866	12.08%	1.459%
3	3.393	241	247	253	rVB4	692	1315	0.11%	0.013%
4	3.582	269	278	279	rBV2	3609	6746	0.55%	0.067%
5	3.795	311	313	316	rBV2	144	178	0.01%	0.002%
6	3.887	326	328	331	rVB2	171	175	0.01%	0.002%
7	3.911	331	332	334	rVB	229	135	0.01%	0.001%
8	3.948	334	338	339	rBV2	166	192	0.02%	0.002%
9	4.021	339	350	367	rBV	134530	398652	32.78%	3.961%
10	4.185	376	377	380	rVB2	462	286	0.02%	0.003%
11	4.295	392	395	399	rVB2	113	165	0.01%	0.002%
12	4.423	410	416	420	rBV4	515	1096	0.09%	0.011%
13	4.490	425	427	432	rVB3	167	243	0.02%	0.002%
14	4.600	444	445	447	rBV	195	144	0.01%	0.001%
15	4.838	482	484	485	rBV	255	152	0.01%	0.002%
16	4.917	485	497	516	rVV	28278	93027	7.65%	0.924%
17	5.161	535	537	538	rBV	245	203	0.02%	0.002%
18	5.307	559	561	565	rBV2	129	167	0.01%	0.002%
19	5.521	593	596	599	rBV2	215	289	0.02%	0.003%
20	5.588	604	607	608	rVV2	163	154	0.01%	0.002%
21	5.612	608	611	614	rVB2	180	157	0.01%	0.002%
22	5.764	634	636	639	rBV2	153	142	0.01%	0.001%
23	5.947	658	666	674	rVB5	2289	6449	0.53%	0.064%
24	6.246	714	715	717	rBV	217	136	0.01%	0.001%
25	6.264	717	718	721	rVV	276	272	0.02%	0.003%
26	6.295	721	723	726	rVV2	180	241	0.02%	0.002%
27	6.331	728	729	731	rVV2	177	143	0.01%	0.001%
28	6.368	734	735	737	rVV	156	165	0.01%	0.002%
29	6.405	739	741	744	rVV2	151	187	0.02%	0.002%
30	6.435	744	746	748	rVV2	156	135	0.01%	0.001%
31	6.459	748	750	752	rVV	291	238	0.02%	0.002%
32	6.496	752	756	757	rVB2	129	176	0.01%	0.002%
33	6.520	757	760	763	rBV2	137	197	0.02%	0.002%
34	6.648	779	781	784	rVV2	146	138	0.01%	0.001%
35	6.874	815	818	820	rBV	106	138	0.01%	0.001%
36	7.008	839	840	843	rBV	174	172	0.01%	0.002%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Title : SFAM01.0

37	7.075	843	851	858	rBV	22996	64842	5.33%	0.644%
38	7.240	876	878	879	rVB2	187	136	0.01%	0.001%
39	7.410	905	906	911	rBV2	201	218	0.02%	0.002%
40	7.453	911	913	914	rBV2	180	167	0.01%	0.002%
41	7.471	914	916	919	rVB	156	165	0.01%	0.002%
42	7.648	934	945	962	rBV	216877	539152	44.34%	5.357%
43	7.764	962	964	966	rBV2	292	351	0.03%	0.003%
44	7.941	989	993	995	rBV	298	352	0.03%	0.003%
45	8.118	1019	1022	1025	rVB2	109	149	0.01%	0.001%
46	8.276	1037	1048	1070	rVV2	421590	1215966	100.00%	12.082%
47	8.422	1070	1072	1074	rVB3	301	293	0.02%	0.003%
48	8.447	1074	1076	1082	rVB2	137	151	0.01%	0.002%
49	8.624	1102	1105	1109	rVB3	310	448	0.04%	0.004%
50	8.678	1111	1114	1115	rBV2	304	267	0.02%	0.003%
51	8.691	1115	1116	1120	rVB2	345	321	0.03%	0.003%
52	8.837	1131	1140	1157	rBV	482559	976921	80.34%	9.707%
53	9.087	1174	1181	1187	rBV7	1256	2987	0.25%	0.030%
54	9.136	1187	1189	1192	rVB2	247	235	0.02%	0.002%
55	9.203	1197	1200	1202	rBV2	133	160	0.01%	0.002%
56	9.270	1202	1211	1224	rBV	269211	542658	44.63%	5.392%
57	9.550	1254	1257	1260	rVB	177	183	0.02%	0.002%
58	9.581	1260	1262	1264	rBV2	200	142	0.01%	0.001%
59	9.666	1270	1276	1280	rBV4	865	1511	0.12%	0.015%
60	9.745	1287	1289	1292	rBV	178	144	0.01%	0.001%
61	9.800	1294	1298	1299	rVB2	118	140	0.01%	0.001%
62	9.825	1299	1302	1305	rBV2	170	200	0.02%	0.002%
63	9.861	1305	1308	1311	rVB3	204	186	0.02%	0.002%
64	9.898	1311	1314	1319	rVB2	113	157	0.01%	0.002%
65	9.965	1323	1325	1329	rBV	212	255	0.02%	0.003%
66	10.032	1329	1336	1348	rBV2	144706	262678	21.60%	2.610%
67	10.178	1358	1360	1361	rVB	238	171	0.01%	0.002%
68	10.209	1361	1365	1368	rBV3	284	389	0.03%	0.004%
69	10.233	1368	1369	1371	rVB	249	176	0.01%	0.002%
70	10.318	1373	1383	1392	rBV	621389	1129428	92.88%	11.222%
71	10.465	1403	1407	1408	rBV4	648	762	0.06%	0.008%
72	10.574	1418	1425	1435	rBV	87593	149421	12.29%	1.485%
73	10.703	1438	1446	1453	rBV	9445	16678	1.37%	0.166%
74	10.831	1461	1467	1468	rBV3	427	707	0.06%	0.007%
75	10.849	1468	1470	1474	rVB2	474	629	0.05%	0.006%
76	10.922	1474	1482	1492	rBV	106421	180609	14.85%	1.795%

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 Title : SFAM01.0

77	11.068	1501	1506	1510	rVB4	2160	3814	0.31%	0.038%
78	11.135	1515	1517	1519	rBV2	477	533	0.04%	0.005%
79	11.288	1529	1542	1543	rBV7	1526	4515	0.37%	0.045%
80	11.629	1588	1598	1606	rBV	648974	1106024	90.96%	10.990%
81	11.727	1609	1614	1620	rVB	14584	25577	2.10%	0.254%
82	11.830	1625	1631	1641	rVB	40272	79178	6.51%	0.787%
83	12.105	1671	1676	1679	rBV5	1557	2897	0.24%	0.029%
84	12.160	1680	1685	1694	rVV	11343	20693	1.70%	0.206%
85	12.330	1707	1713	1717	rBV4	2516	4174	0.34%	0.041%
86	12.464	1729	1735	1742	rBV	100694	166970	13.73%	1.659%
87	12.605	1752	1758	1763	rVB	11474	17177	1.41%	0.171%
88	12.690	1765	1772	1782	rVB	208388	355589	29.24%	3.533%
89	12.928	1808	1811	1815	rBV6	2595	4194	0.34%	0.042%
90	13.025	1822	1827	1834	rVB2	6487	11121	0.91%	0.111%
91	13.269	1860	1867	1875	rBV	164849	269125	22.13%	2.674%
92	13.409	1885	1890	1894	rBV6	5873	11589	0.95%	0.115%
93	13.464	1894	1899	1907	rVV2	34006	65647	5.40%	0.652%
94	13.556	1907	1914	1920	rVV	667690	1053148	86.61%	10.464%
95	13.617	1920	1924	1928	rVB3	15814	24730	2.03%	0.246%
96	13.848	1955	1962	1975	rBV2	524094	847296	69.68%	8.419%
97	13.995	1982	1986	1992	rVB6	8452	13551	1.11%	0.135%
98	14.062	1994	1997	2001	rVB2	5677	8510	0.70%	0.085%
99	15.293	2194	2199	2206	rBV	20109	33579	2.76%	0.334%
100	15.415	2214	2219	2227	rVB4	22773	46256	3.80%	0.460%

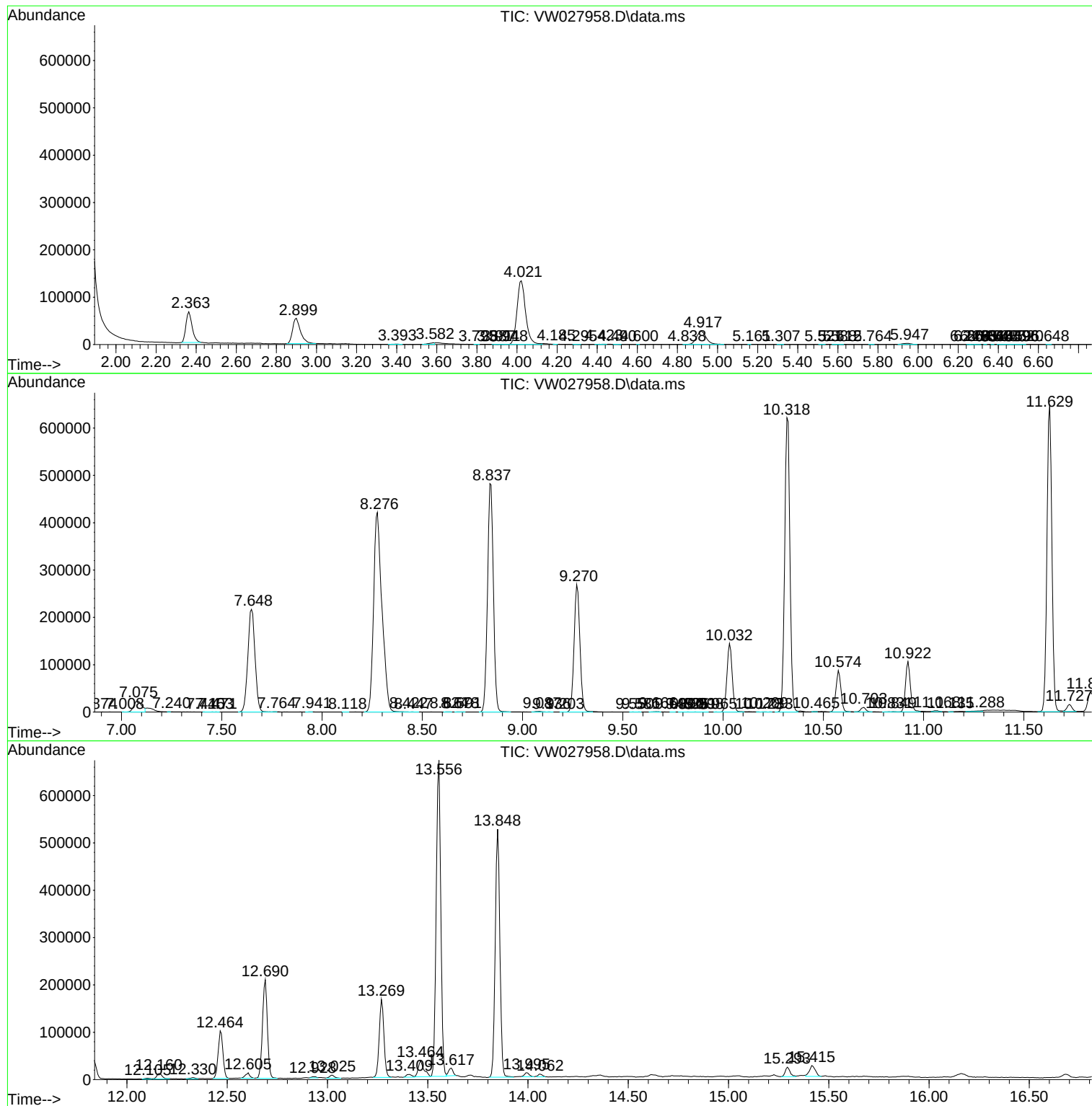
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
Quant Title : SFAM01.0

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



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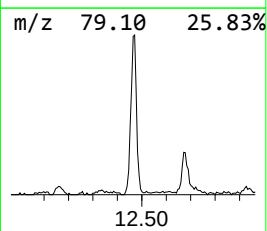
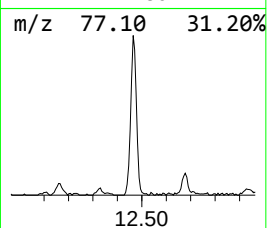
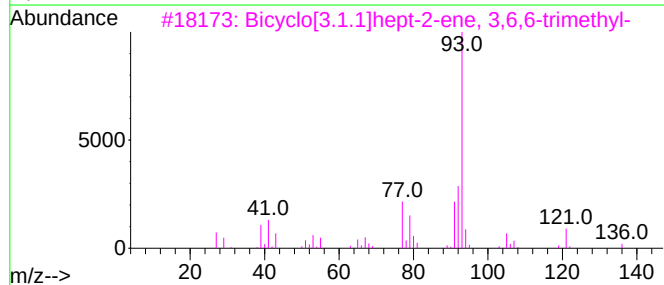
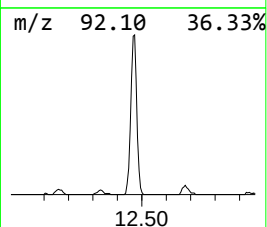
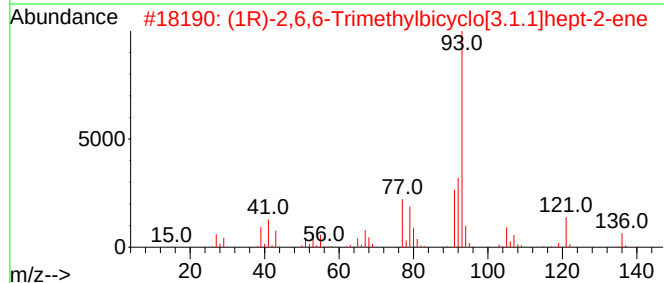
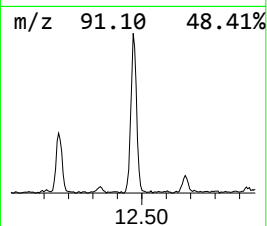
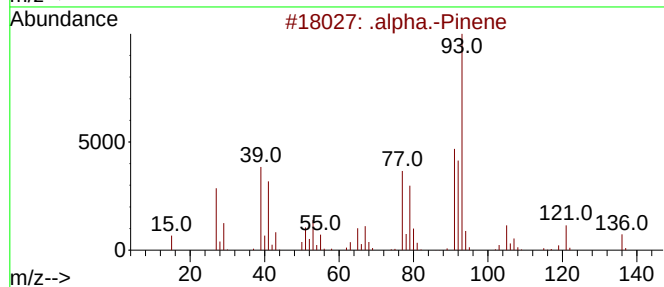
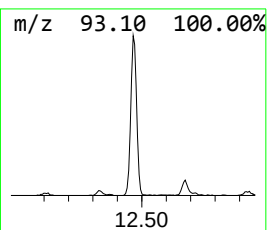
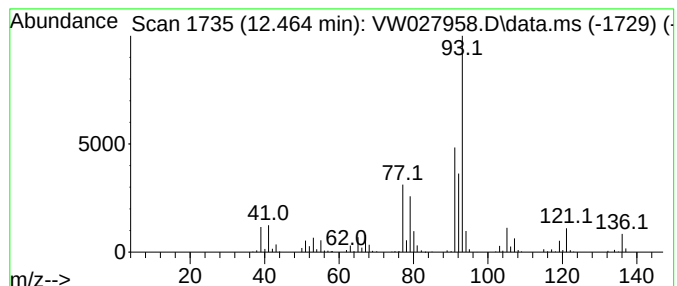
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 .alpha.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.464	3.77 ug/L	166970	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[3.1.1]hept-2-ene	136	C10H16	007785-70-8	91
3		Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	91
4		.alpha.-Pinene	136	C10H16	000080-56-8	90
5		(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	87



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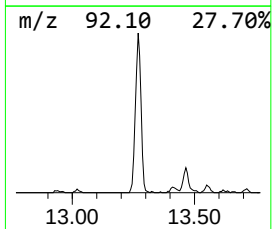
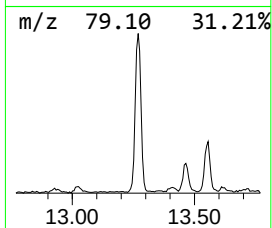
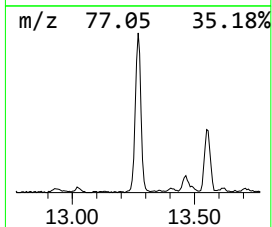
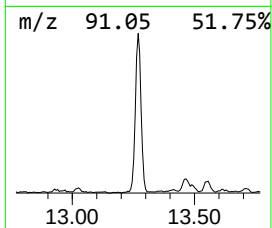
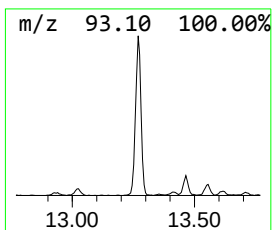
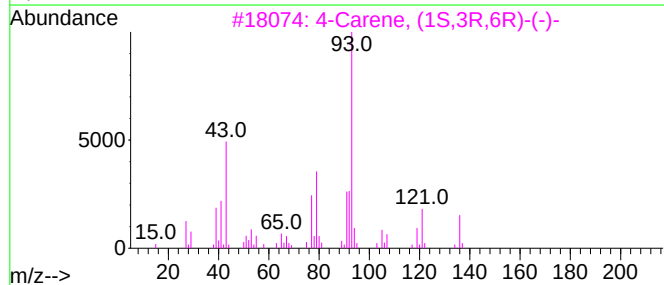
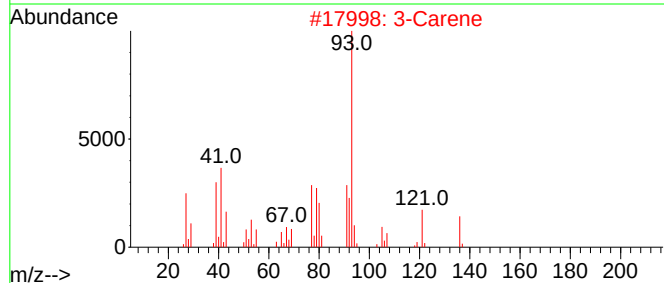
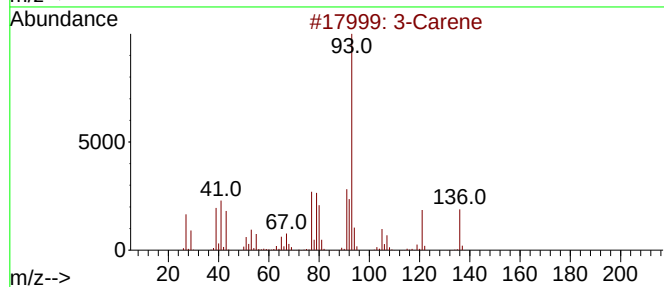
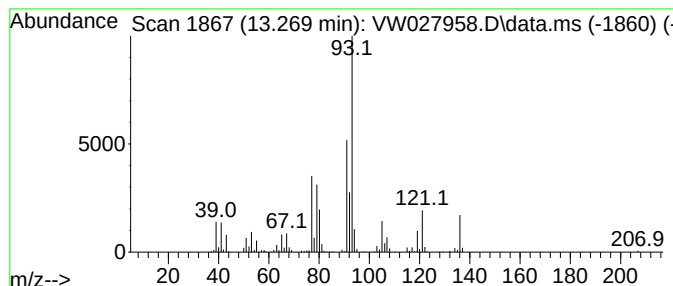
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 3-Carene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.269	6.39 ug/L	269125	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Carene			136	C10H16	013466-78-9	96
2	3-Carene			136	C10H16	013466-78-9	95
3	4-Carene, (1S,3R,6R)-(-)-			136	C10H16	005208-49-1	93
4	(+)-3-Carene			136	C10H16	000498-15-7	93
5	(1R)-2,6,6-Trimethylbicyclo[3.1....			136	C10H16	007785-70-8	93



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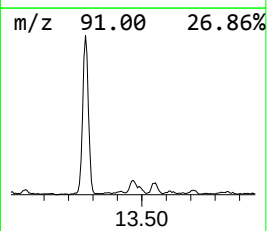
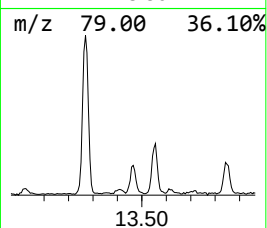
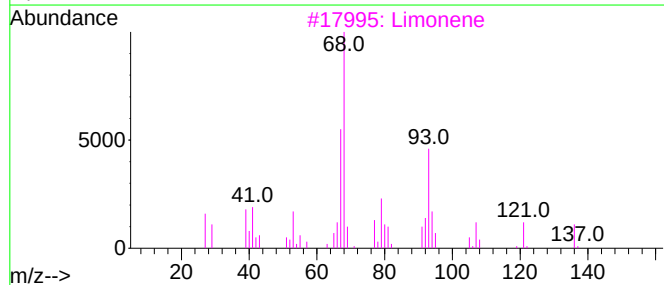
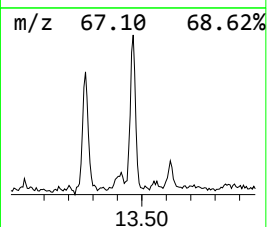
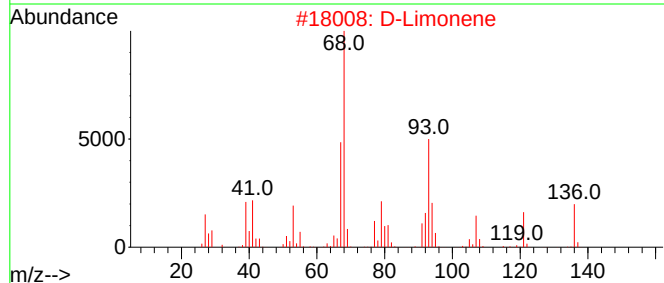
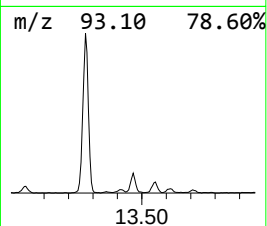
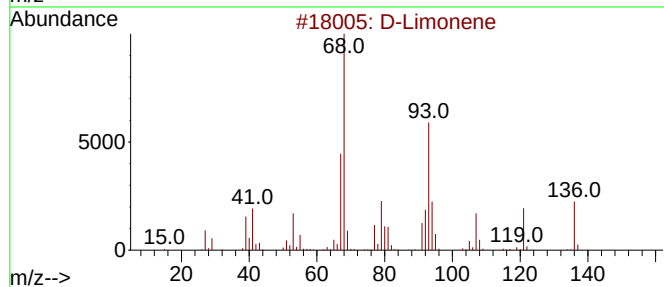
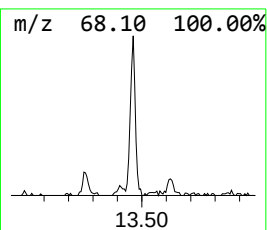
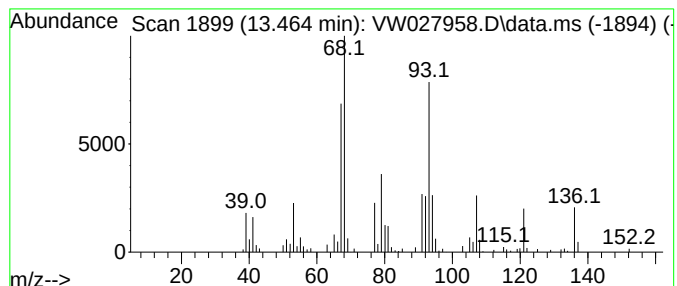
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
Quant Title : SFAM01.0

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	1.56 ug/L	65647	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	D-Limonene			136	C10H16	005989-27-5	93
3	Limonene			136	C10H16	000138-86-3	90
4	D-Limonene			136	C10H16	005989-27-5	87
5	Limonene			136	C10H16	000138-86-3	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020524\
Data File : VW027958.D
Acq On : 05 Feb 2024 16:55
Operator : SY/MD
Sample : P1352-03
Misc : 5.80g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0FN6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.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	12.464	3.8	ug/L	166970	2	11.629	1106020	25.0
3-Carene	13.269	6.4	ug/L	269125	3	13.556	1053150	25.0
D-Limonene	13.464	1.6	ug/L	65647	3	13.556	1053150	25.0