

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061824\
 Data File : VW029184.D
 Acq On : 18 Jun 2024 17:36
 Operator : SY/MD
 Sample : P2844-23
 Misc : 5.09g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4C48

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: VW029184.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.356	72	77	88	rVB	36420	70894	5.82%	1.269%
2	3.545	270	272	273	rBV2	739	603	0.05%	0.011%
3	3.887	326	328	331	rBV4	647	749	0.06%	0.013%
4	4.015	340	349	362	rVB	63907	172356	14.14%	3.086%
5	4.283	390	393	395	rBV3	846	819	0.07%	0.015%
6	4.368	405	407	408	rBV2	966	625	0.05%	0.011%
7	4.563	438	439	442	rBV3	765	926	0.08%	0.017%
8	4.691	457	460	463	rBV4	682	875	0.07%	0.016%
9	4.758	469	471	472	rBV2	587	529	0.04%	0.009%
10	4.789	475	476	480	rVB4	844	915	0.08%	0.016%
11	4.826	480	482	483	rBV	806	749	0.06%	0.013%
12	4.917	488	497	507	rVV2	8086	26354	2.16%	0.472%
13	5.008	510	512	514	rVV2	750	624	0.05%	0.011%
14	5.252	551	552	553	rBV	847	430	0.04%	0.008%
15	5.289	556	558	566	rVB6	567	991	0.08%	0.018%
16	5.350	566	568	572	rBV4	814	1043	0.09%	0.019%
17	5.423	577	580	584	rVV4	935	1154	0.09%	0.021%
18	5.466	584	587	591	rVV5	589	913	0.07%	0.016%
19	5.533	593	598	600	rVB5	642	788	0.06%	0.014%
20	5.581	605	606	608	rBV2	689	565	0.05%	0.010%
21	5.710	624	627	630	rBV4	603	893	0.07%	0.016%
22	5.758	632	635	638	rBV3	496	603	0.05%	0.011%
23	5.795	638	641	644	rBV3	801	952	0.08%	0.017%
24	5.880	652	655	656	rVB3	678	627	0.05%	0.011%
25	5.935	656	664	672	rBV6	3731	11767	0.97%	0.211%
26	6.088	686	689	690	rVV3	816	854	0.07%	0.015%
27	6.124	693	695	696	rBV2	491	400	0.03%	0.007%
28	6.270	716	719	723	rBV6	948	1246	0.10%	0.022%
29	6.319	725	727	728	rBV	531	537	0.04%	0.010%
30	6.472	749	752	755	rBV2	488	619	0.05%	0.011%
31	6.557	764	766	769	rBV2	255	333	0.03%	0.006%
32	6.642	778	780	783	rVB4	928	820	0.07%	0.015%
33	6.667	783	784	786	rBV2	579	516	0.04%	0.009%
34	6.953	829	831	837	rVB5	586	728	0.06%	0.013%
35	7.026	841	843	844	rBV2	463	410	0.03%	0.007%
36	7.081	844	852	868	rBV	18174	58857	4.83%	1.054%

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 Title : SFAM01.0

37	7.465	913	915	919	rVB5	767	886	0.07%	0.016%
38	7.557	929	930	933	rBV	692	609	0.05%	0.011%
39	7.648	936	945	957	rVB	98945	246840	20.25%	4.419%
40	7.910	985	988	989	rVV3	472	367	0.03%	0.007%
41	7.971	995	998	1000	rBV3	865	859	0.07%	0.015%
42	8.014	1002	1005	1006	rBV2	401	352	0.03%	0.006%
43	8.093	1017	1018	1020	rVB2	515	335	0.03%	0.006%
44	8.160	1026	1029	1032	rBV4	717	896	0.07%	0.016%
45	8.276	1035	1048	1065	rBV2	182912	566528	46.47%	10.143%
46	8.618	1103	1104	1110	rVB5	1122	1782	0.15%	0.032%
47	8.666	1110	1112	1113	rBV2	614	564	0.05%	0.010%
48	8.678	1113	1114	1115	rBV	636	434	0.04%	0.008%
49	8.843	1132	1141	1154	rBV	188472	384186	31.52%	6.878%
50	9.044	1172	1174	1177	rBV2	761	1003	0.08%	0.018%
51	9.270	1201	1211	1224	rBV	137470	289359	23.74%	5.180%
52	9.434	1237	1238	1239	rBV	769	472	0.04%	0.008%
53	9.575	1259	1261	1264	rVB4	820	920	0.08%	0.016%
54	9.611	1264	1267	1269	rBV3	736	607	0.05%	0.011%
55	9.660	1271	1275	1277	rVV4	925	1066	0.09%	0.019%
56	9.770	1291	1293	1294	rVB2	941	506	0.04%	0.009%
57	9.788	1294	1296	1299	rBV4	572	535	0.04%	0.010%
58	9.898	1312	1314	1318	rBV5	581	972	0.08%	0.017%
59	9.965	1321	1325	1328	rBV6	692	1163	0.10%	0.021%
60	10.032	1328	1336	1344	rBV	61701	117808	9.66%	2.109%
61	10.190	1360	1362	1364	rBV2	495	579	0.05%	0.010%
62	10.318	1375	1383	1395	rBV	234050	426422	34.98%	7.634%
63	10.575	1417	1425	1432	rBV	41200	74575	6.12%	1.335%
64	10.703	1442	1446	1452	rVB5	2018	4169	0.34%	0.075%
65	10.776	1456	1458	1461	rVB4	613	490	0.04%	0.009%
66	10.824	1464	1466	1469	rBV3	639	863	0.07%	0.015%
67	10.861	1469	1472	1474	rBV4	1008	973	0.08%	0.017%
68	10.922	1476	1482	1494	rBV	57989	109374	8.97%	1.958%
69	11.251	1535	1536	1539	rBV3	853	740	0.06%	0.013%
70	11.532	1581	1582	1584	rVB2	792	526	0.04%	0.009%
71	11.580	1587	1590	1591	rBV3	730	1018	0.08%	0.018%
72	11.629	1591	1598	1608	rVV	272673	464804	38.13%	8.322%
73	11.983	1654	1656	1657	rBV	663	561	0.05%	0.010%
74	12.160	1683	1685	1691	rBV5	988	1936	0.16%	0.035%
75	12.324	1710	1712	1715	rBV4	957	1220	0.10%	0.022%
76	12.367	1715	1719	1723	rVB7	1619	2602	0.21%	0.047%

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 Title : SFAM01.0

77	12.471	1729	1736	1742	rBV	29613	51749	4.25%	0.926%
78	12.550	1747	1749	1751	rBV2	1048	1033	0.08%	0.018%
79	12.599	1751	1757	1764	rBV2	7175	12750	1.05%	0.228%
80	12.690	1764	1772	1787	rVB2	112443	254613	20.89%	4.558%
81	12.952	1808	1815	1821	rBV5	6598	12723	1.04%	0.228%
82	13.019	1822	1826	1831	rVB2	7230	12165	1.00%	0.218%
83	13.098	1836	1839	1843	rBV6	749	1083	0.09%	0.019%
84	13.159	1847	1849	1851	rBV3	676	501	0.04%	0.009%
85	13.239	1858	1862	1865	rBV5	2310	3046	0.25%	0.055%
86	13.361	1874	1882	1886	rBV3	7803	13704	1.12%	0.245%
87	13.464	1894	1899	1907	rBV3	21793	38350	3.15%	0.687%
88	13.556	1907	1914	1920	rVV	268465	431315	35.38%	7.722%
89	13.617	1920	1924	1935	rVB4	14854	28443	2.33%	0.509%
90	13.848	1953	1962	1970	rBV	216719	362562	29.74%	6.491%
91	14.245	2025	2027	2029	rBV3	743	890	0.07%	0.016%
92	14.385	2048	2050	2052	rVB3	544	373	0.03%	0.007%
93	14.434	2052	2058	2062	rBV5	4705	9141	0.75%	0.164%
94	15.062	2154	2161	2171	rBV2	26738	55382	4.54%	0.992%
95	15.336	2205	2206	2209	rBV3	677	631	0.05%	0.011%
96	15.360	2209	2210	2212	rVB2	936	675	0.06%	0.012%
97	15.507	2233	2234	2236	rBV2	882	819	0.07%	0.015%
98	15.842	2286	2289	2290	rBV3	833	933	0.08%	0.017%
99	16.086	2320	2329	2344	rBV	686097	1219017	100.00%	21.824%
100	16.580	2408	2410	2413	rVB4	1014	686	0.06%	0.012%

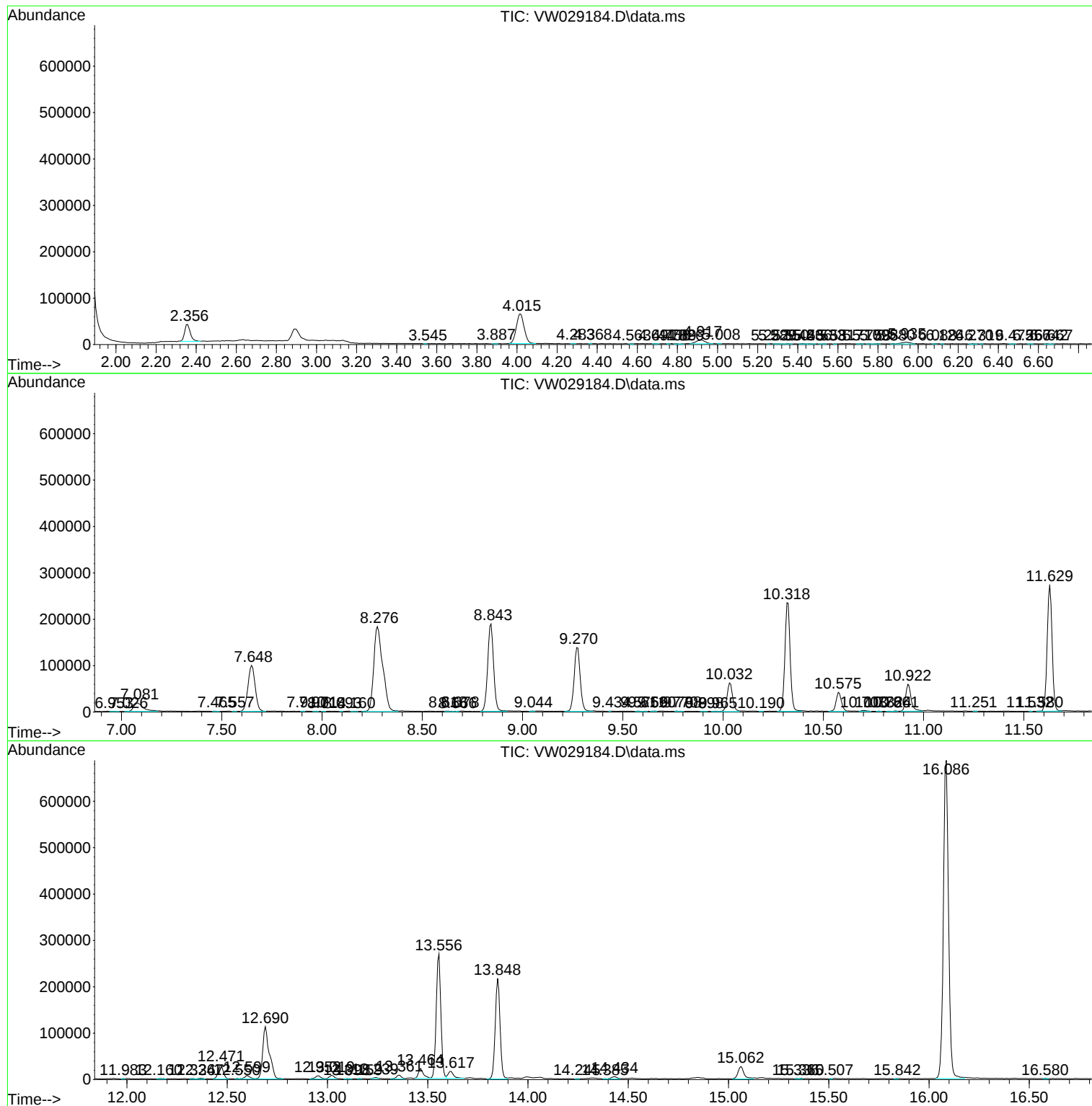
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0

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



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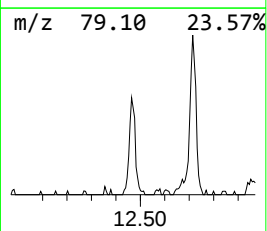
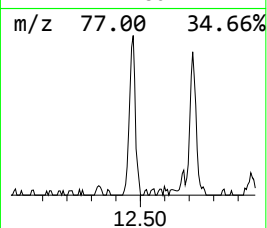
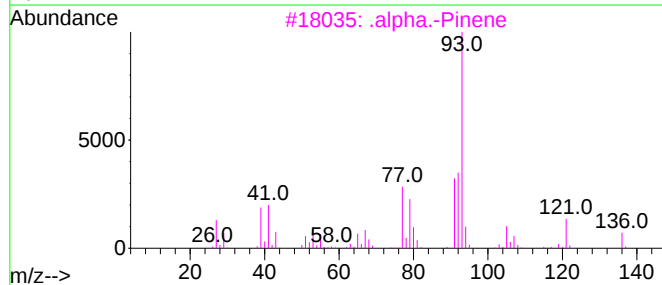
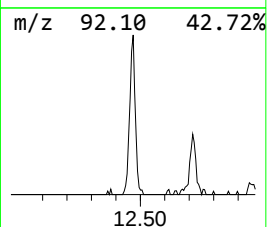
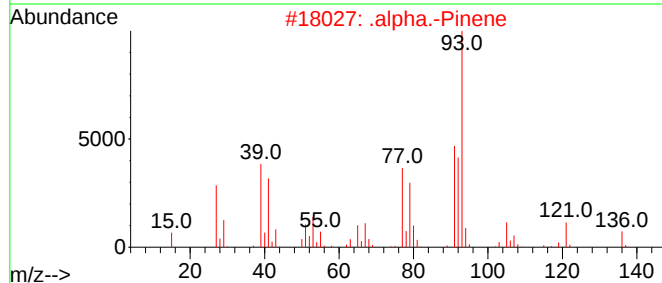
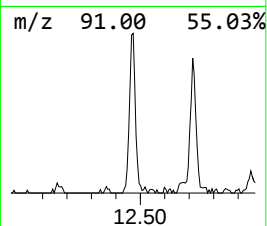
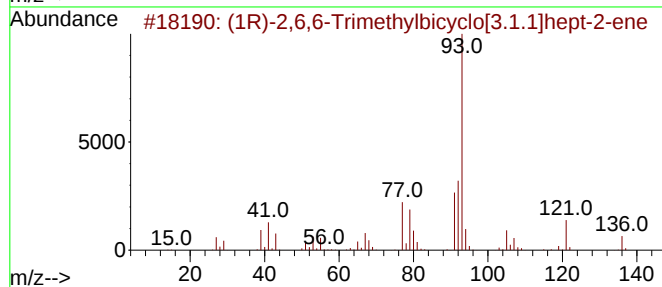
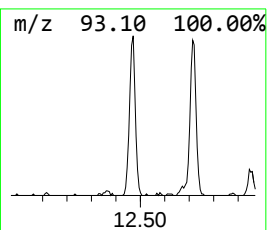
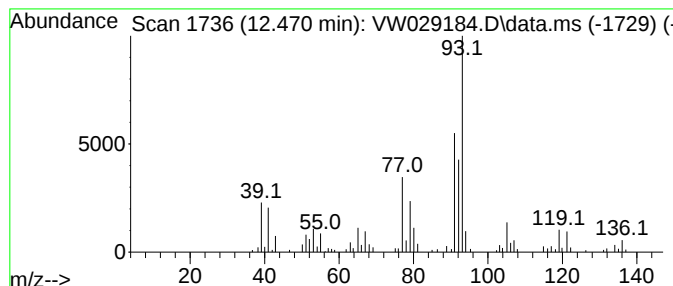
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.470	2.78 ug/L	51749	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	91		
2	.alpha.-Pinene	136	C10H16	000080-56-8	91		
3	.alpha.-Pinene	136	C10H16	000080-56-8	91		
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	83		
5	.beta.-Pinene	136	C10H16	000127-91-3	81		



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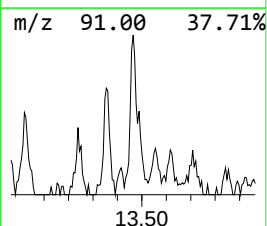
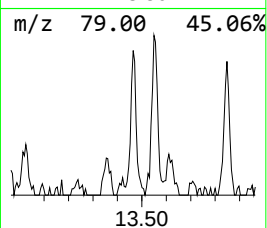
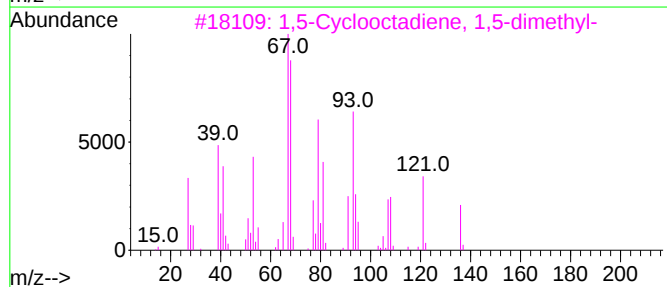
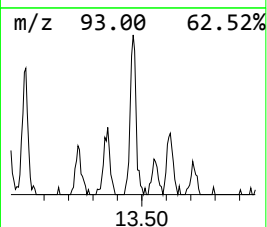
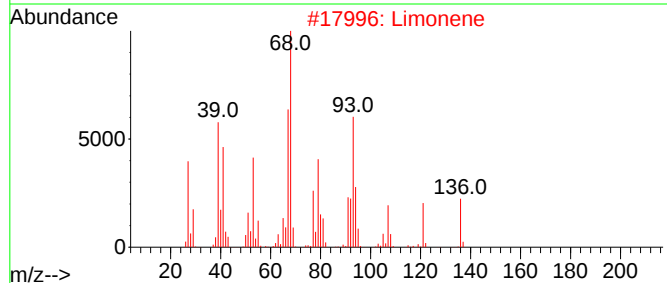
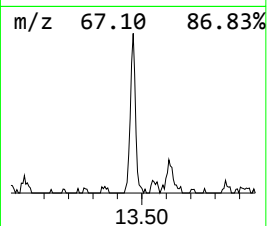
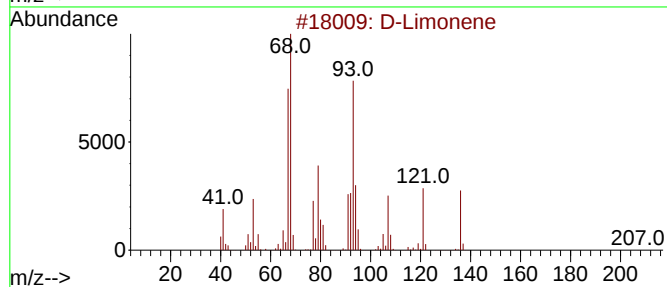
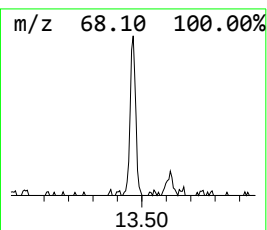
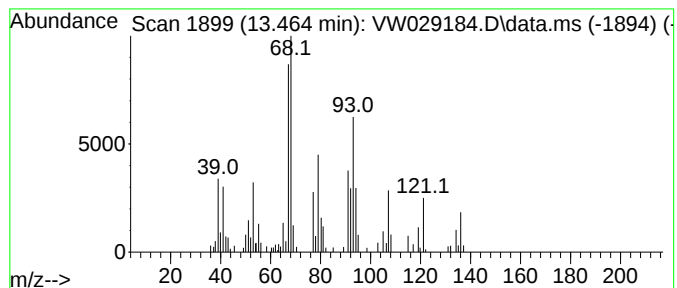
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 D-Limonene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.464	2.22 ug/L	38350	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			D-Limonene	136	C10H16	005989-27-5	95
2			Limonene	136	C10H16	000138-86-3	93
3			1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	70
4			D-Limonene	136	C10H16	005989-27-5	70
5			D-Limonene	136	C10H16	005989-27-5	70



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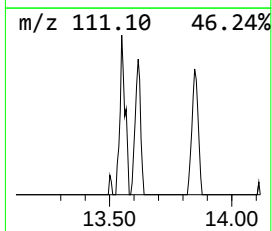
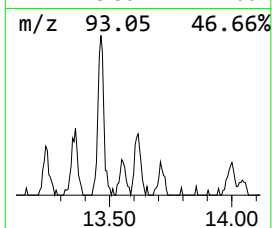
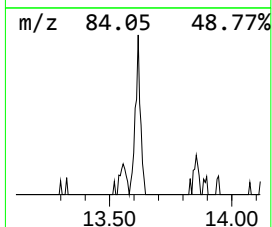
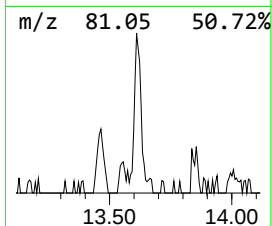
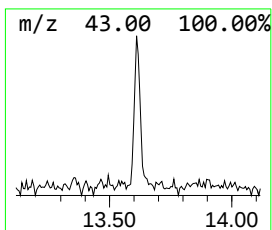
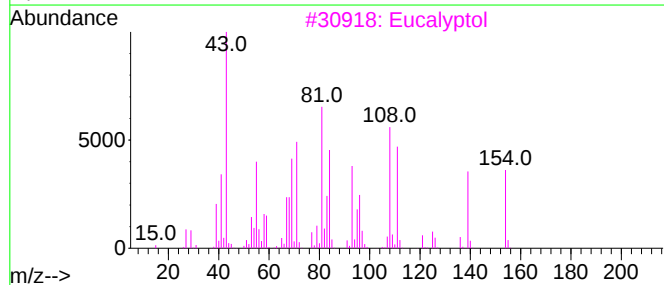
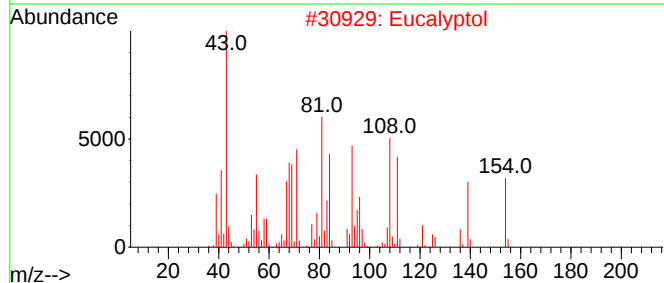
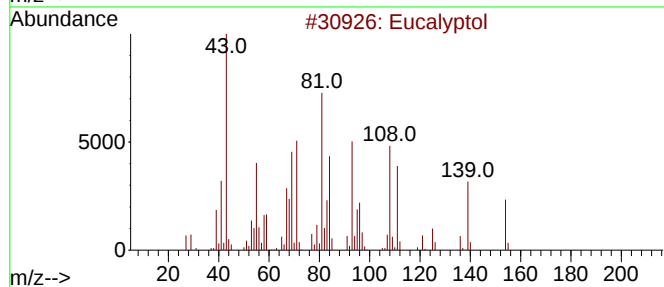
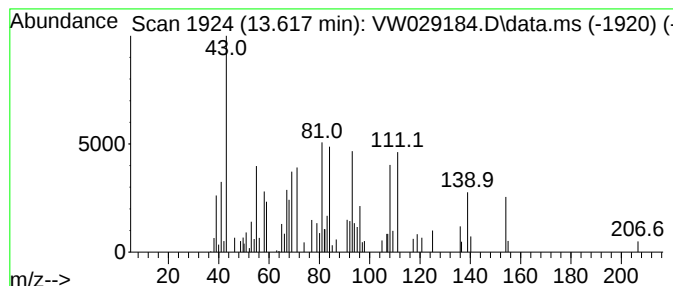
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 Eucalyptol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.617	1.65 ug/L	28443	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol			154	C10H18O	000470-82-6	87
2	Eucalyptol			154	C10H18O	000470-82-6	70
3	Eucalyptol			154	C10H18O	000470-82-6	70
4	Eucalyptol			154	C10H18O	000470-82-6	70
5	Eucalyptol			154	C10H18O	000470-82-6	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061824\
Data File : VW029184.D
Acq On : 18 Jun 2024 17:36
Operator : SY/MD
Sample : P2844-23
Misc : 5.09g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4C48

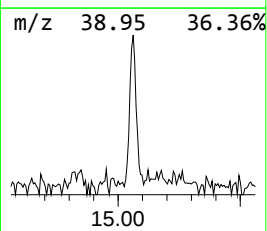
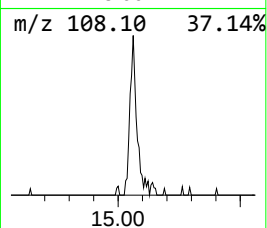
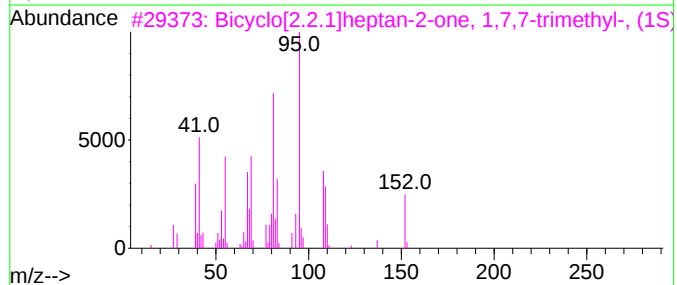
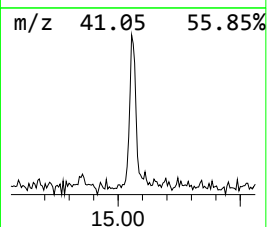
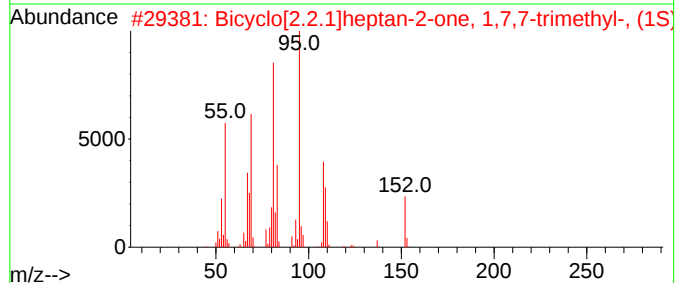
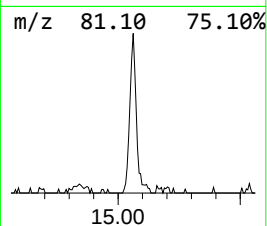
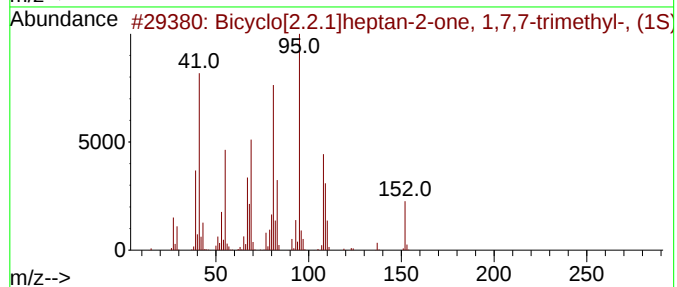
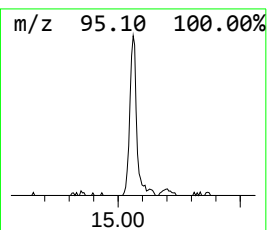
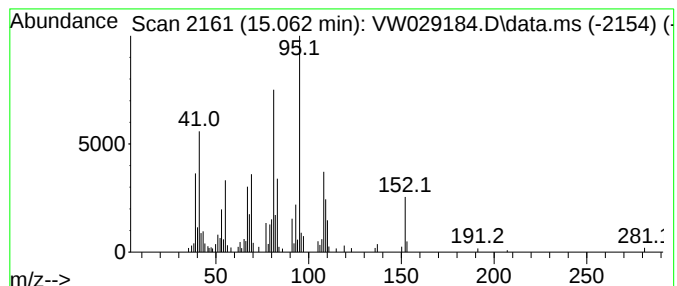
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Quant Title : SFAM01.0

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

Peak Number 5 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.062	3.21 ug/L	55382	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	97
2			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	97
3			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	96
4			Camphor	152	C10H16O	000076-22-2	96
5			(+)-2-Bornanone	152	C10H16O	000464-49-3	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061824\
Data File : VW029184.D
Acq On : 18 Jun 2024 17:36
Operator : SY/MD
Sample : P2844-23
Misc : 5.09g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4C48

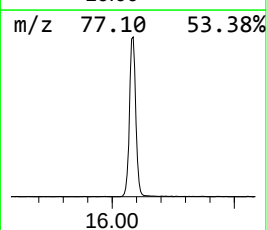
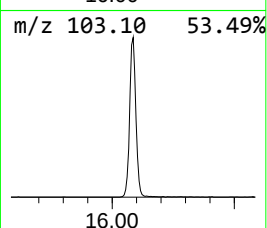
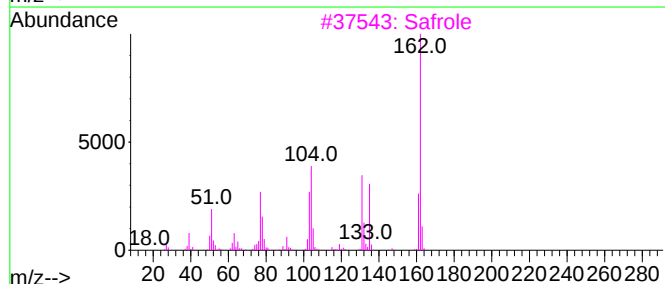
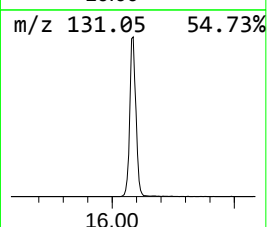
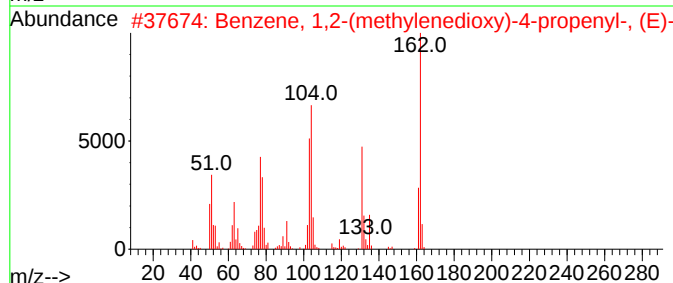
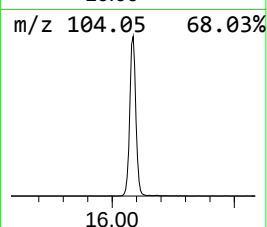
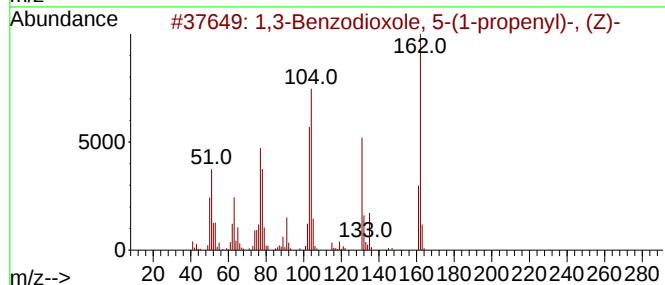
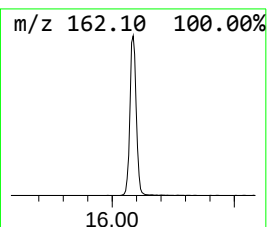
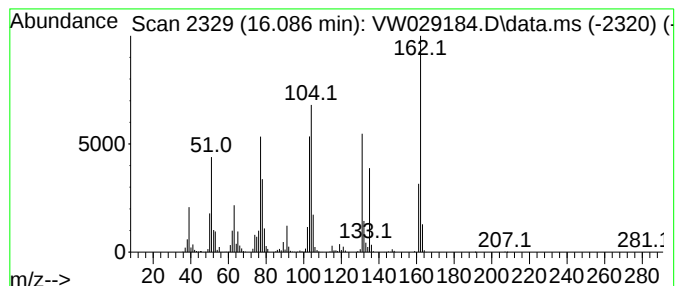
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Quant Title : SFAM01.0

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

Peak Number 6 1,3-Benzodioxole, 5-(1-prop... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.086	70.66 ug/L	1219020	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Benzodioxole, 5-(1-propenyl)...	162	C10H10O2	017627-76-8	99
2			Benzene, 1,2-(methylenedioxy)-4-...	162	C10H10O2	004043-71-4	98
3			Safrole	162	C10H10O2	000094-59-7	98
4			Safrole	162	C10H10O2	000094-59-7	98
5			Safrole	162	C10H10O2	000094-59-7	98



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061824\
Data File : VW029184.D
Acq On : 18 Jun 2024 17:36
Operator : SY/MD
Sample : P2844-23
Misc : 5.09g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4C48

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
(1R)-2,6,6-Trim...	12.470	2.8	ug/L	51749	2	11.629	464804	25.0
D-Limonene	13.464	2.2	ug/L	38350	3	13.556	431315	25.0
Eucalyptol	13.617	1.6	ug/L	28443	3	13.556	431315	25.0
Bicyclo[2.2.1]h...	15.062	3.2	ug/L	55382	3	13.556	431315	25.0
1,3-Benzodioxol...	16.086	70.7	ug/L	1219020	3	13.556	431315	25.0