

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061224\
 Data File : VW029115.D
 Acq On : 12 Jun 2024 18:26
 Operator : SY/MD
 Sample : P2776-20
 Misc : 4.72g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4C73

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\SFAMWLM060324SMA.M
 Title : SFAM01.0

Signal : TIC: VW029115.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	96	rBV	86701	214997	13.32%	1.503%
2	2.619	116	120	121	rBV3	2239	3078	0.19%	0.022%
3	2.899	158	166	179	rBV	70167	208078	12.89%	1.455%
4	3.387	241	246	252	rVB6	1631	3945	0.24%	0.028%
5	3.533	262	270	272	rBV5	1597	3201	0.20%	0.022%
6	3.747	299	305	311	rBV8	675	1937	0.12%	0.014%
7	3.862	321	324	327	rVB3	859	969	0.06%	0.007%
8	4.021	334	350	372	rBV2	163290	526640	32.64%	3.683%
9	4.271	389	391	394	rVB4	663	664	0.04%	0.005%
10	4.539	431	435	438	rBV2	846	1151	0.07%	0.008%
11	4.624	441	449	455	rBV4	1441	4332	0.27%	0.030%
12	4.777	472	474	476	rBV2	429	606	0.04%	0.004%
13	4.923	484	498	513	rBV3	25258	97001	6.01%	0.678%
14	5.307	558	561	563	rBV3	565	736	0.05%	0.005%
15	5.606	609	610	614	rVB2	514	516	0.03%	0.004%
16	5.649	614	617	620	rBV4	402	572	0.04%	0.004%
17	5.947	657	666	674	rVV4	5395	15454	0.96%	0.108%
18	6.277	718	720	725	rVB4	398	604	0.04%	0.004%
19	6.892	816	821	823	rBV2	562	981	0.06%	0.007%
20	6.917	823	825	828	rVB2	775	932	0.06%	0.007%
21	6.959	828	832	836	rBV4	675	1282	0.08%	0.009%
22	7.075	842	851	870	rBV	42150	140361	8.70%	0.982%
23	7.289	884	886	889	rVB2	681	568	0.04%	0.004%
24	7.368	896	899	900	rBV3	444	585	0.04%	0.004%
25	7.526	922	925	927	rBV4	531	505	0.03%	0.004%
26	7.648	934	945	958	rBV	278832	695176	43.08%	4.861%
27	7.801	969	970	973	rVB3	869	505	0.03%	0.004%
28	8.087	1015	1017	1022	rVB4	511	541	0.03%	0.004%
29	8.179	1030	1032	1035	rBV3	407	495	0.03%	0.003%
30	8.276	1037	1048	1062	rBV2	557095	1613650	100.00%	11.284%
31	8.581	1095	1098	1099	rBV3	819	902	0.06%	0.006%
32	8.679	1112	1114	1115	rBV2	797	493	0.03%	0.003%
33	8.697	1115	1117	1119	rVV2	998	917	0.06%	0.006%
34	8.758	1121	1127	1129	rVB5	389	604	0.04%	0.004%
35	8.843	1132	1141	1156	rBV	594449	1169727	72.49%	8.180%
36	9.270	1203	1211	1224	rBV	379939	777491	48.18%	5.437%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Title : SFAM01.0

37	9.556	1256	1258	1261	rVB3	819	868	0.05%	0.006%
38	9.672	1269	1277	1279	rBV7	2118	3594	0.22%	0.025%
39	9.819	1299	1301	1306	rBV2	340	591	0.04%	0.004%
40	9.892	1309	1313	1316	rBV4	391	736	0.05%	0.005%
41	10.032	1329	1336	1349	rBV	162125	295605	18.32%	2.067%
42	10.130	1349	1352	1361	rVB9	1201	2556	0.16%	0.018%
43	10.325	1376	1384	1393	rBV	673301	1202924	74.55%	8.412%
44	10.428	1396	1401	1410	rVB4	8364	15677	0.97%	0.110%
45	10.501	1410	1413	1417	rVB4	1754	2277	0.14%	0.016%
46	10.575	1419	1425	1433	rBV2	101094	175529	10.88%	1.227%
47	10.696	1440	1445	1452	rVB	6568	11236	0.70%	0.079%
48	10.861	1469	1472	1475	rBV3	678	725	0.04%	0.005%
49	10.922	1475	1482	1494	rBV	144021	259220	16.06%	1.813%
50	11.391	1557	1559	1564	rVB3	632	897	0.06%	0.006%
51	11.629	1590	1598	1607	rVV	677419	1131152	70.10%	7.910%
52	11.709	1608	1611	1620	rVB5	3138	7184	0.45%	0.050%
53	11.776	1620	1622	1624	rBV2	625	574	0.04%	0.004%
54	11.843	1630	1633	1635	rVB4	1028	1061	0.07%	0.007%
55	11.891	1640	1641	1644	rBV3	600	620	0.04%	0.004%
56	12.007	1656	1660	1661	rBV3	494	635	0.04%	0.004%
57	12.111	1670	1677	1682	rBV8	2183	4781	0.30%	0.033%
58	12.166	1684	1686	1687	rBV2	744	633	0.04%	0.004%
59	12.251	1696	1700	1702	rBV4	468	564	0.03%	0.004%
60	12.367	1710	1719	1726	rVB3	6839	14374	0.89%	0.101%
61	12.471	1726	1736	1744	rBV	951565	1545206	95.76%	10.805%
62	12.599	1749	1757	1764	rVB	26453	49055	3.04%	0.343%
63	12.690	1764	1772	1790	rBV2	246029	657133	40.72%	4.595%
64	12.812	1790	1792	1795	rVB3	849	836	0.05%	0.006%
65	12.952	1806	1815	1819	rBV3	11594	20584	1.28%	0.144%
66	13.025	1819	1827	1838	rVV	939962	1553902	96.30%	10.866%
67	13.239	1851	1862	1868	rBV2	23296	44254	2.74%	0.309%
68	13.355	1875	1881	1887	rBV	54186	86569	5.36%	0.605%
69	13.464	1893	1899	1907	rBV2	96837	161032	9.98%	1.126%
70	13.556	1907	1914	1925	rVV	505722	815753	50.55%	5.704%
71	13.647	1925	1929	1934	rVV2	8557	13977	0.87%	0.098%
72	13.708	1935	1939	1945	rVB2	9465	13916	0.86%	0.097%
73	13.848	1954	1962	1972	rBV	342958	571883	35.44%	3.999%
74	13.995	1980	1986	1991	rBV	23526	36919	2.29%	0.258%
75	14.062	1991	1997	2007	rVB2	11161	23857	1.48%	0.167%
76	14.147	2009	2011	2013	rVB3	896	707	0.04%	0.005%

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 Title : SFAM01.0

77	14.281	2029	2033	2034	rBV3	1136	1271	0.08%	0.009%
78	14.324	2036	2040	2045	rVB6	3096	5114	0.32%	0.036%
79	14.421	2054	2056	2059	rVB3	1051	1034	0.06%	0.007%
80	14.519	2067	2072	2080	rVB5	4758	8379	0.52%	0.059%
81	14.580	2080	2082	2085	rVB3	670	606	0.04%	0.004%
82	14.617	2085	2088	2093	rBV4	546	908	0.06%	0.006%
83	14.684	2093	2099	2108	rBV5	6342	12868	0.80%	0.090%
84	14.769	2112	2113	2115	rBV	697	585	0.04%	0.004%
85	14.970	2144	2146	2149	rVB4	841	777	0.05%	0.005%
86	15.031	2152	2156	2157	rBV2	656	711	0.04%	0.005%
87	15.062	2157	2161	2166	rBV7	2301	5170	0.32%	0.036%
88	15.116	2166	2170	2177	rVV8	2262	5130	0.32%	0.036%
89	15.202	2179	2184	2187	rVV5	5525	9348	0.58%	0.065%
90	15.244	2187	2191	2197	rVB5	10832	20515	1.27%	0.143%
91	15.482	2225	2230	2236	rBV5	1328	2398	0.15%	0.017%
92	15.604	2248	2250	2254	rVV3	727	830	0.05%	0.006%
93	15.720	2268	2269	2272	rBV3	623	545	0.03%	0.004%
94	16.025	2316	2319	2322	rBV4	599	946	0.06%	0.007%
95	16.092	2326	2330	2331	rBV3	472	643	0.04%	0.004%
96	16.281	2359	2361	2363	rVB2	891	670	0.04%	0.005%
97	16.305	2363	2365	2366	rBV2	614	517	0.03%	0.004%
98	16.488	2393	2395	2396	rVB2	757	506	0.03%	0.004%
99	16.531	2400	2402	2407	rVB5	614	743	0.05%	0.005%
100	16.580	2408	2410	2413	rVB3	641	554	0.03%	0.004%

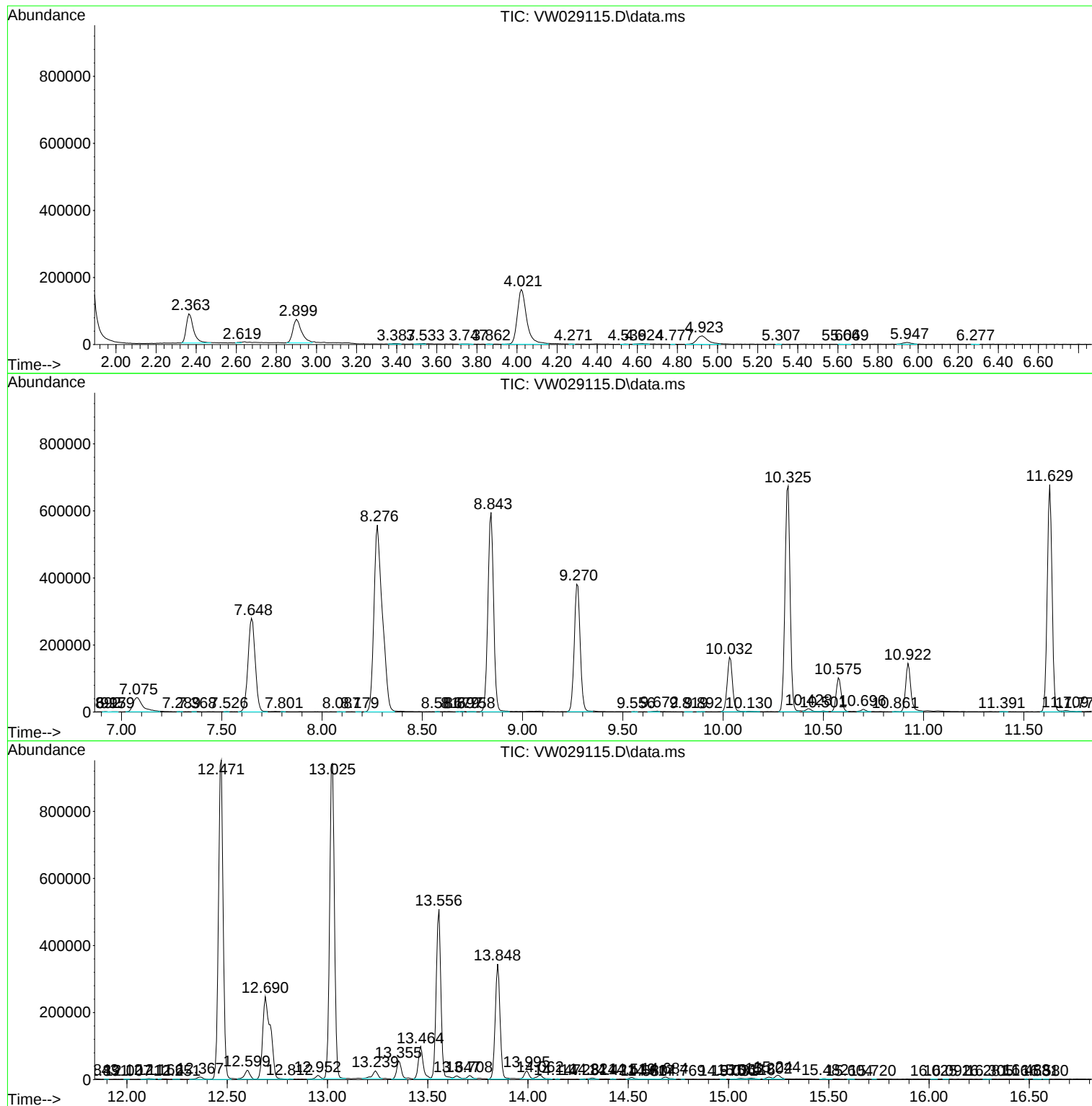
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Instrument :
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A4C73

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061224\
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Instrument :
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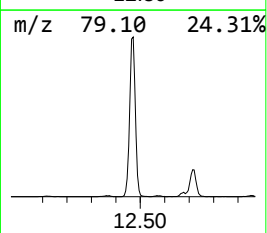
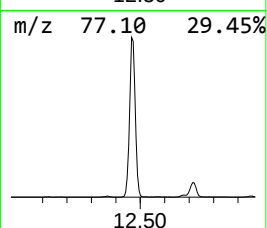
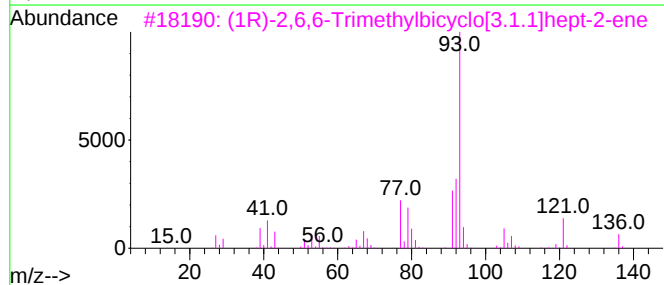
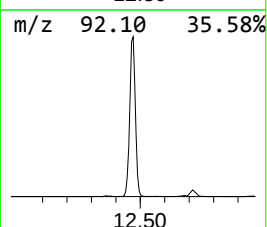
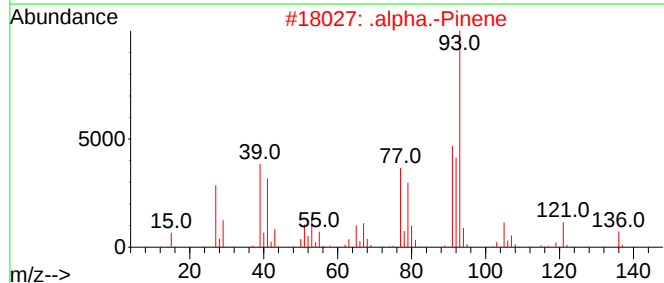
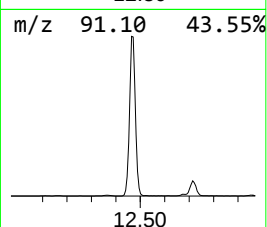
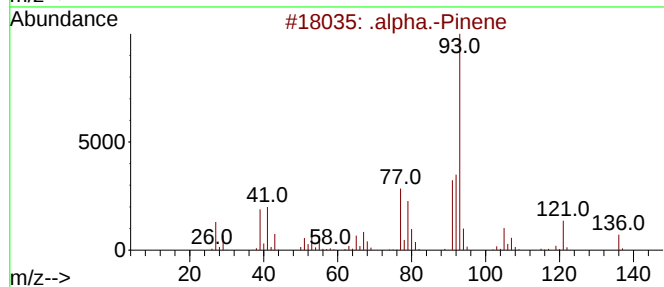
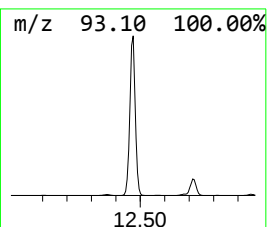
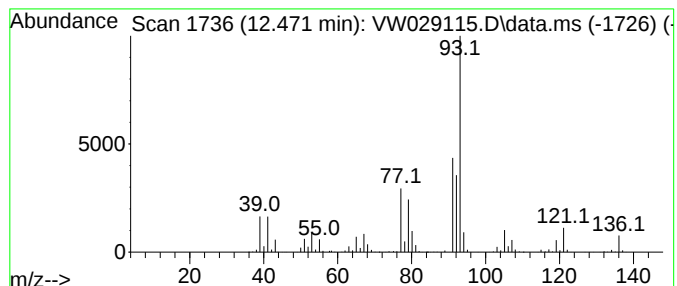
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 .alpha.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.471	34.15 ug/L	1545210	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	(1S)-2,6,6-Trimethylbicyclo[3.1....			136	C10H16	007785-26-4	91



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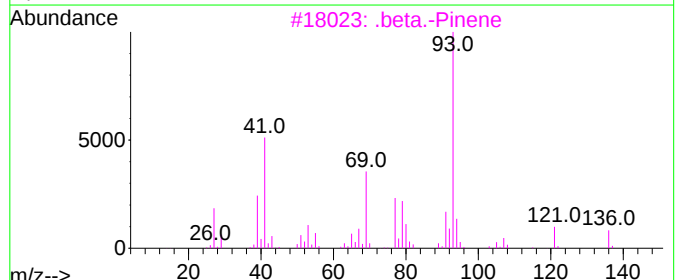
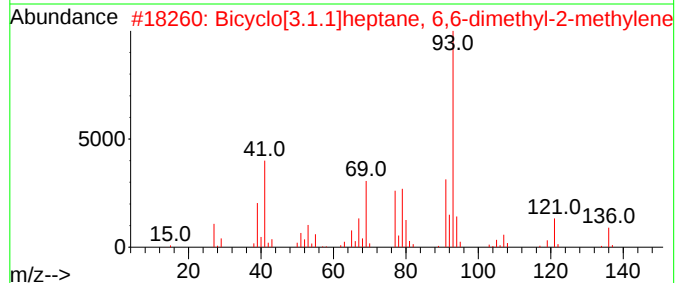
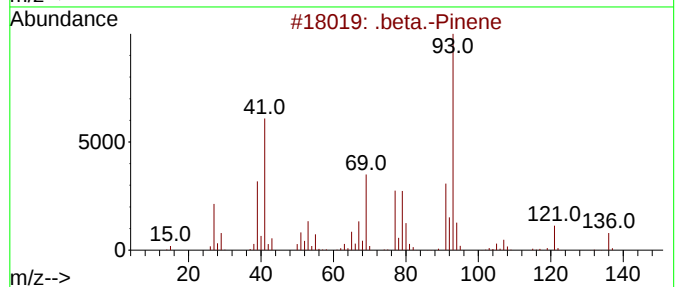
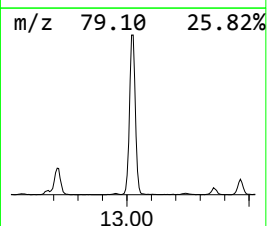
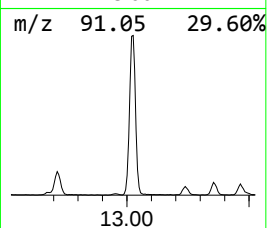
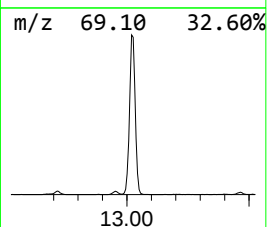
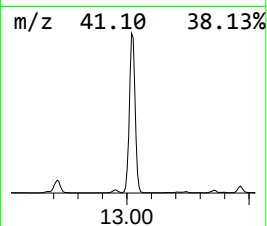
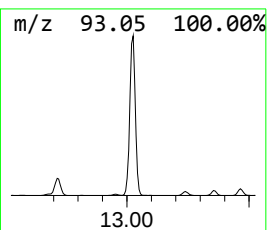
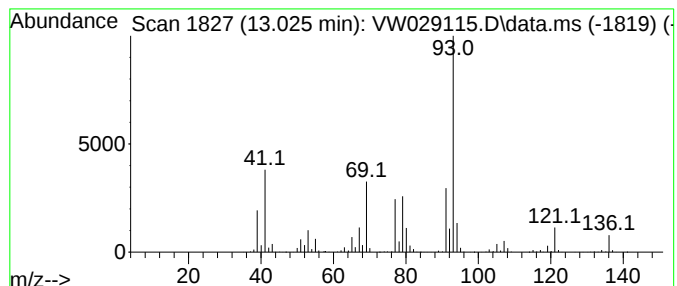
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 .beta.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.025	47.62 ug/L	1553900	1,4-Dichlorobenzene-d4	13.556

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.beta.-Pinene	136	C10H16	000127-91-3	96
2		Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	96
3		.beta.-Pinene	136	C10H16	000127-91-3	94
4		Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
5		.alpha.-Pinene	136	C10H16	000080-56-8	91



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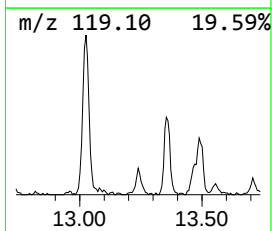
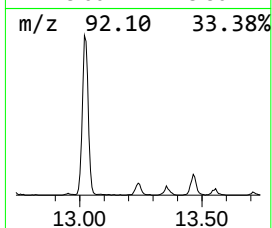
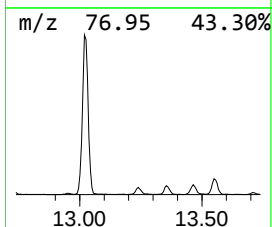
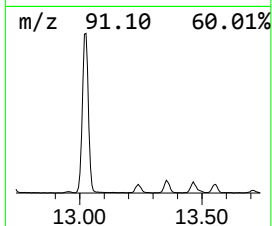
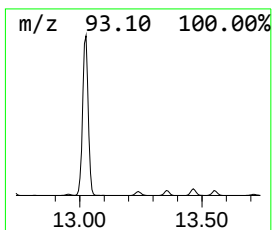
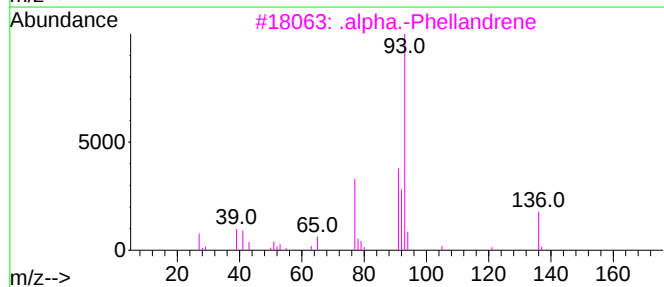
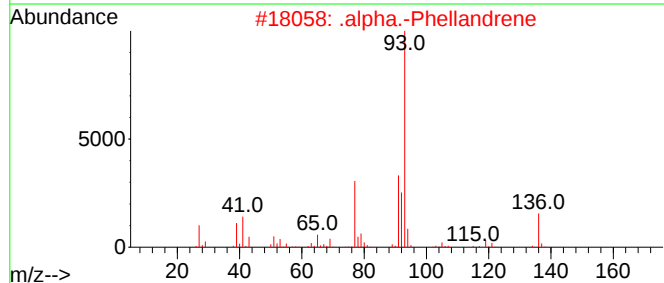
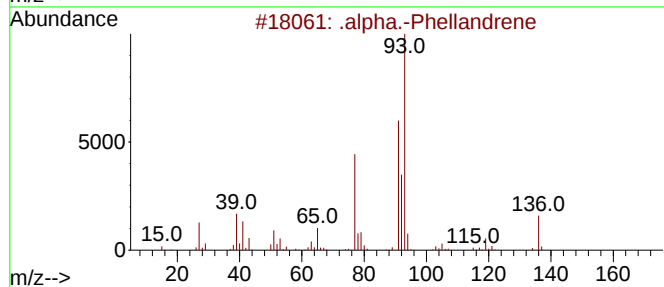
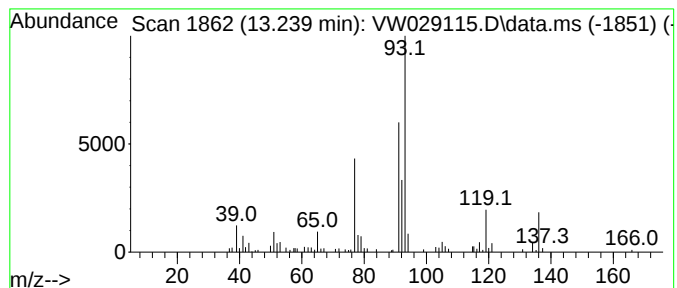
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Quant Title : SFAM01.0

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

Peak Number 5 .alpha.-Phellandrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	1.36 ug/L	44254	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	alpha.-Phellandrene	136	C10H16	000099-83-2	87	
2	.	alpha.-Phellandrene	136	C10H16	000099-83-2	81	
3	.	alpha.-Phellandrene	136	C10H16	000099-83-2	81	
4	.	alpha.-Phellandrene	136	C10H16	000099-83-2	74	
5	3-Carene	136	C10H16	013466-78-9	64		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061224\
Data File : VW029115.D
Acq On : 12 Jun 2024 18:26
Operator : SY/MD
Sample : P2776-20
Misc : 4.72g/10mL/MSVOA_W/SOIL/B
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4C73

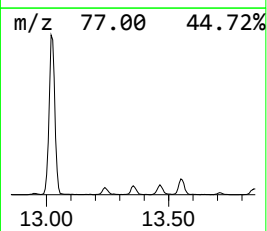
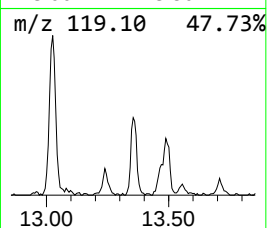
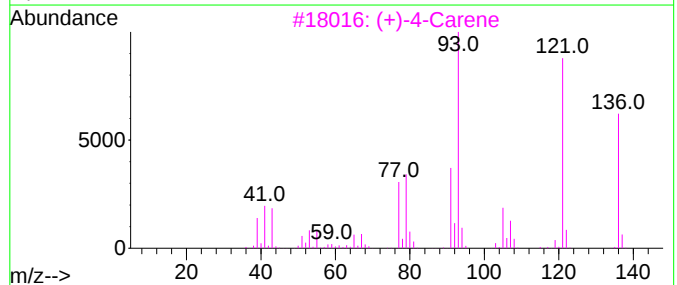
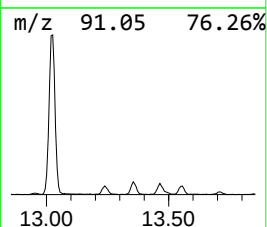
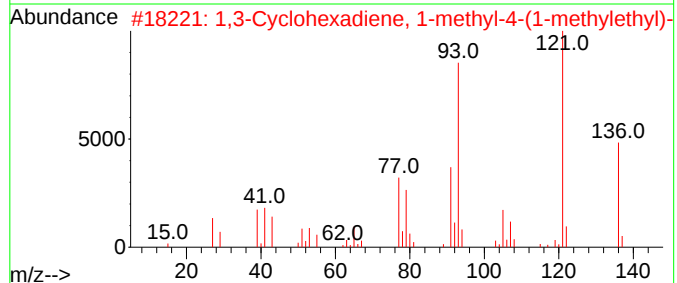
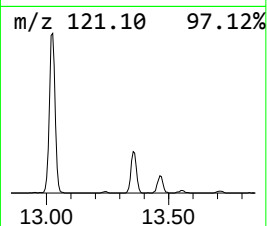
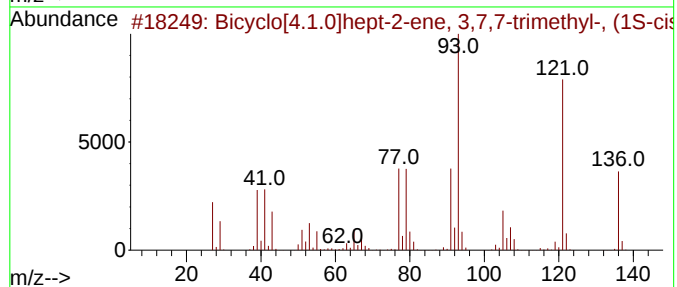
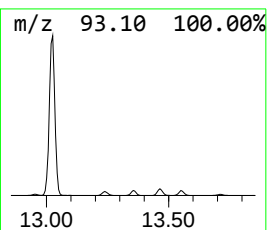
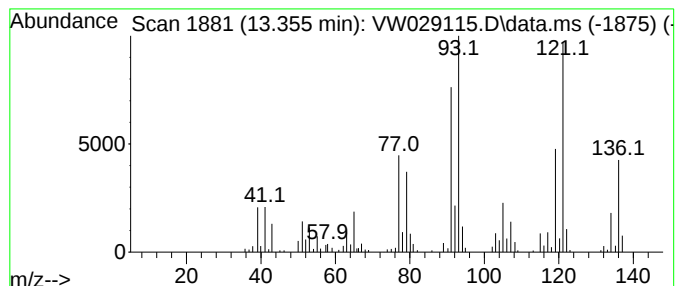
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Quant Title : SFAM01.0

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

Peak Number 6 Bicyclo[4.1.0]hept-2-ene, 3... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.355	2.65 ug/L	86569	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[4.1.0]hept-2-ene, 3,7,7-...	136	C10H16	004497-92-1	95
2			1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	95
3			(+)-4-Carene	136	C10H16	029050-33-7	89
4			Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	136	C10H16	000464-17-5	86
5			2-Carene	136	C10H16	000554-61-0	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061224\
Data File : VW029115.D
Acq On : 12 Jun 2024 18:26
Operator : SY/MD
Sample : P2776-20
Misc : 4.72g/10mL/MSVOA_W/SOIL/B
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4C73

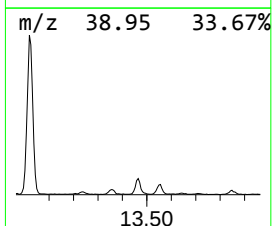
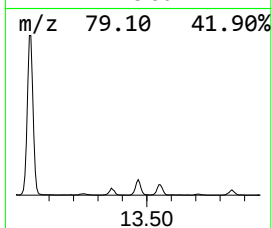
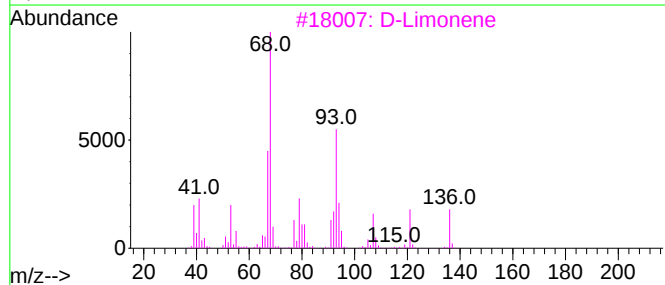
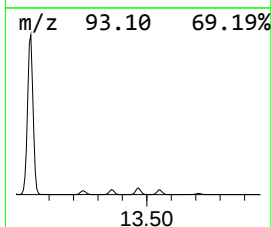
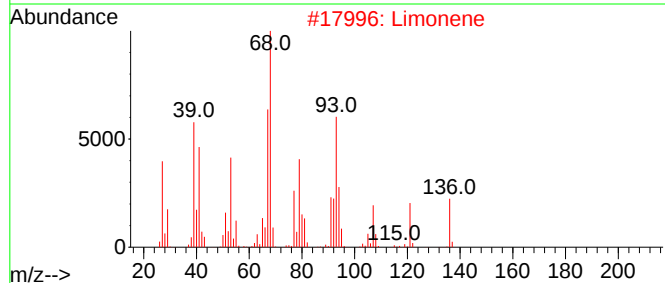
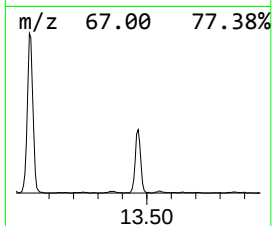
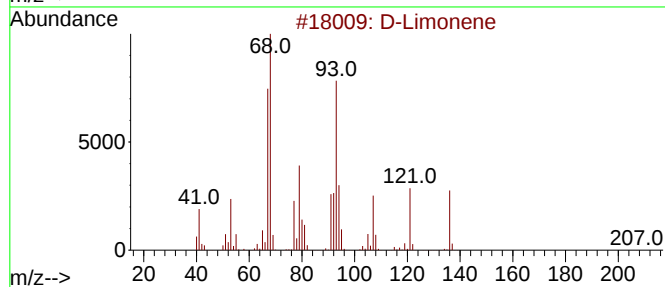
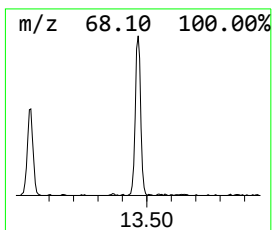
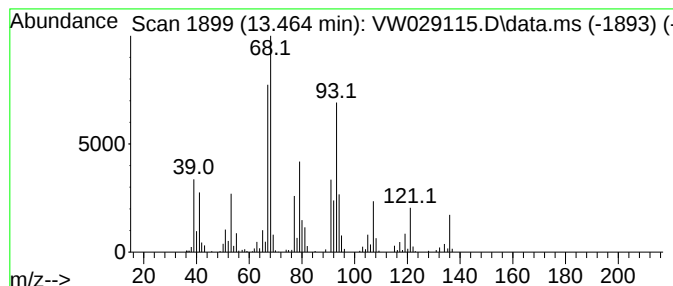
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Quant Title : SFAM01.0

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

Peak Number 7 D-Limonene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.464	4.94 ug/L	161032	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			D-Limonene	136	C10H16	005989-27-5	98
2			Limonene	136	C10H16	000138-86-3	94
3			D-Limonene	136	C10H16	005989-27-5	93
4			D-Limonene	136	C10H16	005989-27-5	93
5			Limonene	136	C10H16	000138-86-3	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061224\
Data File : VW029115.D
Acq On : 12 Jun 2024 18:26
Operator : SY/MD
Sample : P2776-20
Misc : 4.72g/10mL/MSVOA_W/SOIL/B
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4C73

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.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	34.1	ug/L	1545210	2	11.629	1131150	25.0
.beta.-Pinene	13.025	47.6	ug/L	1553900	3	13.556	815753	25.0
.alpha.-Phellan...	13.239	1.4	ug/L	44254	3	13.556	815753	25.0
Bicyclo[4.1.0]h...	13.355	2.6	ug/L	86569	3	13.556	815753	25.0
D-Limonene	13.464	4.9	ug/L	161032	3	13.556	815753	25.0