

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053124\
 Data File : VW028944.D
 Acq On : 31 May 2024 15:37
 Operator : SY/MD
 Sample : P2647-14RE
 Misc : 5.09g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BHBS8RE

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\SFAMWLM050224SMA.M
 Title : SFAM01.0

Signal : TIC: VW028944.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	64525	125699	11.92%	1.641%
2	2.899	159	166	180	rBV2	48961	132635	12.58%	1.731%
3	3.326	232	236	239	rBV6	677	920	0.09%	0.012%
4	3.356	239	241	246	rVB4	533	780	0.07%	0.010%
5	3.405	246	249	252	rBV4	740	926	0.09%	0.012%
6	3.539	267	271	277	rVB6	824	1877	0.18%	0.024%
7	3.692	292	296	298	rBV4	597	799	0.08%	0.010%
8	3.734	301	303	305	rVB3	819	754	0.07%	0.010%
9	4.021	340	350	361	rBV	112747	308460	29.26%	4.026%
10	4.125	361	367	377	rVB	3962	11657	1.11%	0.152%
11	4.399	404	412	415	rVV3	2450	6732	0.64%	0.088%
12	4.442	418	419	422	rVV3	649	719	0.07%	0.009%
13	4.496	426	428	432	rVB5	718	845	0.08%	0.011%
14	4.734	465	467	471	rVB3	881	784	0.07%	0.010%
15	4.789	474	476	479	rVB4	525	665	0.06%	0.009%
16	4.923	487	498	508	rBV2	14988	49349	4.68%	0.644%
17	5.057	516	520	523	rBV5	444	676	0.06%	0.009%
18	5.118	525	530	531	rBV4	618	1010	0.10%	0.013%
19	5.435	578	582	585	rBV4	578	967	0.09%	0.013%
20	5.594	606	608	612	rVB4	627	712	0.07%	0.009%
21	5.954	657	667	676	rVV8	4721	16716	1.59%	0.218%
22	6.082	685	688	692	rVB3	692	805	0.08%	0.011%
23	6.222	707	711	715	rVB5	636	1196	0.11%	0.016%
24	6.258	715	717	720	rVB4	748	660	0.06%	0.009%
25	6.295	720	723	724	rBV3	533	665	0.06%	0.009%
26	6.569	764	768	770	rBV5	715	1319	0.13%	0.017%
27	6.795	803	805	808	rVB3	558	728	0.07%	0.010%
28	6.935	824	828	831	rBV3	357	709	0.07%	0.009%
29	7.081	843	852	856	rBV	30610	83789	7.95%	1.094%
30	7.404	899	905	907	rVB4	734	1271	0.12%	0.017%
31	7.533	921	926	927	rBV3	515	939	0.09%	0.012%
32	7.648	933	945	959	rBV	186024	458423	43.49%	5.984%
33	7.758	961	963	969	rVB6	1234	1856	0.18%	0.024%
34	7.886	982	984	987	rVB4	1116	793	0.08%	0.010%
35	8.136	1022	1025	1027	rVB2	611	662	0.06%	0.009%
36	8.276	1038	1048	1063	rBV2	355712	1038781	98.54%	13.559%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Title : SFAM01.0

37	8.417	1069	1071	1073	rVB3	1196	861	0.08%	0.011%
38	8.593	1098	1100	1103	rBV3	680	829	0.08%	0.011%
39	8.679	1109	1114	1115	rBV5	550	899	0.09%	0.012%
40	8.721	1120	1121	1125	rVB4	648	816	0.08%	0.011%
41	8.843	1132	1141	1152	rBV	284862	568013	53.88%	7.414%
42	9.148	1189	1191	1195	rVV3	549	686	0.07%	0.009%
43	9.270	1203	1211	1223	rBV	258280	535027	50.75%	6.984%
44	9.471	1242	1244	1248	rVB5	895	1028	0.10%	0.013%
45	9.654	1270	1274	1275	rBV4	1442	1368	0.13%	0.018%
46	9.813	1294	1300	1301	rBV5	667	1262	0.12%	0.016%
47	9.861	1306	1308	1311	rVV3	773	728	0.07%	0.010%
48	10.032	1326	1336	1346	rBV	99031	183711	17.43%	2.398%
49	10.105	1346	1348	1350	rBV2	848	701	0.07%	0.009%
50	10.227	1363	1368	1372	rBV6	671	1219	0.12%	0.016%
51	10.319	1375	1383	1391	rBV	414771	747497	70.91%	9.757%
52	10.514	1413	1415	1417	rBV3	1354	1391	0.13%	0.018%
53	10.575	1418	1425	1433	rVV	58583	101477	9.63%	1.325%
54	10.697	1440	1445	1451	rVB2	6883	13386	1.27%	0.175%
55	10.861	1467	1472	1476	rBV7	2463	4475	0.42%	0.058%
56	10.922	1476	1482	1497	rVV	99826	197159	18.70%	2.573%
57	11.056	1500	1504	1513	rVB2	5534	10573	1.00%	0.138%
58	11.385	1556	1558	1562	rBV4	487	832	0.08%	0.011%
59	11.428	1562	1565	1569	rVV6	1228	1765	0.17%	0.023%
60	11.629	1590	1598	1607	rBV	358363	594304	56.38%	7.757%
61	12.050	1663	1667	1669	rBV4	502	905	0.09%	0.012%
62	12.099	1672	1675	1678	rBV4	938	1022	0.10%	0.013%
63	12.178	1683	1688	1695	rBV10	1739	3769	0.36%	0.049%
64	12.239	1696	1698	1701	rVB4	1063	868	0.08%	0.011%
65	12.330	1708	1713	1716	rBV4	2180	3879	0.37%	0.051%
66	12.465	1728	1735	1745	rVV	650382	1054179	100.00%	13.760%
67	12.599	1751	1757	1764	rVB2	13692	25479	2.42%	0.333%
68	12.690	1764	1772	1784	rBV2	186284	391774	37.16%	5.114%
69	12.861	1798	1800	1805	rBV5	758	799	0.08%	0.010%
70	12.952	1805	1815	1820	rBV4	10751	22909	2.17%	0.299%
71	13.019	1820	1826	1834	rVB3	22569	40167	3.81%	0.524%
72	13.190	1847	1854	1858	rBV3	3123	5550	0.53%	0.072%
73	13.239	1858	1862	1866	rVB4	2764	4881	0.46%	0.064%
74	13.288	1866	1870	1877	rVB6	3477	6730	0.64%	0.088%
75	13.355	1877	1881	1886	rBV6	4282	8711	0.83%	0.114%
76	13.403	1886	1889	1894	rVB3	5840	8634	0.82%	0.113%

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 Title : SFAM01.0

77	13.464	1894	1899	1907	rBV3	11595	27307	2.59%	0.356%
78	13.556	1907	1914	1929	rVB	215825	364464	34.57%	4.757%
79	13.708	1935	1939	1944	rBV7	3030	4990	0.47%	0.065%
80	13.848	1955	1962	1972	rBV	221886	367189	34.83%	4.793%
81	13.995	1982	1986	1991	rVB4	5206	7616	0.72%	0.099%
82	14.062	1992	1997	2005	rVB2	5960	10935	1.04%	0.143%
83	14.141	2008	2010	2014	rBV4	516	680	0.06%	0.009%
84	14.300	2033	2036	2038	rBV4	631	664	0.06%	0.009%
85	14.513	2065	2071	2077	rBV6	1656	3230	0.31%	0.042%
86	14.617	2086	2088	2091	rVB4	782	726	0.07%	0.009%
87	14.732	2101	2107	2113	rVB5	7224	13642	1.29%	0.178%
88	14.946	2139	2142	2144	rVV4	830	875	0.08%	0.011%
89	15.019	2151	2154	2155	rBV3	998	738	0.07%	0.010%
90	15.049	2155	2159	2161	rVV5	1401	1538	0.15%	0.020%
91	15.123	2165	2171	2178	rVV7	2414	4340	0.41%	0.057%
92	15.226	2183	2188	2192	rBV5	2667	4761	0.45%	0.062%
93	15.293	2193	2199	2205	rVB2	12179	22096	2.10%	0.288%
94	15.421	2214	2220	2226	rVB4	6115	12935	1.23%	0.169%
95	16.007	2313	2316	2318	rBV2	530	746	0.07%	0.010%
96	16.165	2338	2342	2344	rBV4	467	675	0.06%	0.009%
97	16.299	2360	2364	2365	rBV3	928	1156	0.11%	0.015%
98	16.336	2368	2370	2375	rVV6	569	956	0.09%	0.012%
99	16.683	2424	2427	2430	rVB5	934	1162	0.11%	0.015%
100	16.726	2430	2434	2437	rBV5	786	1300	0.12%	0.017%

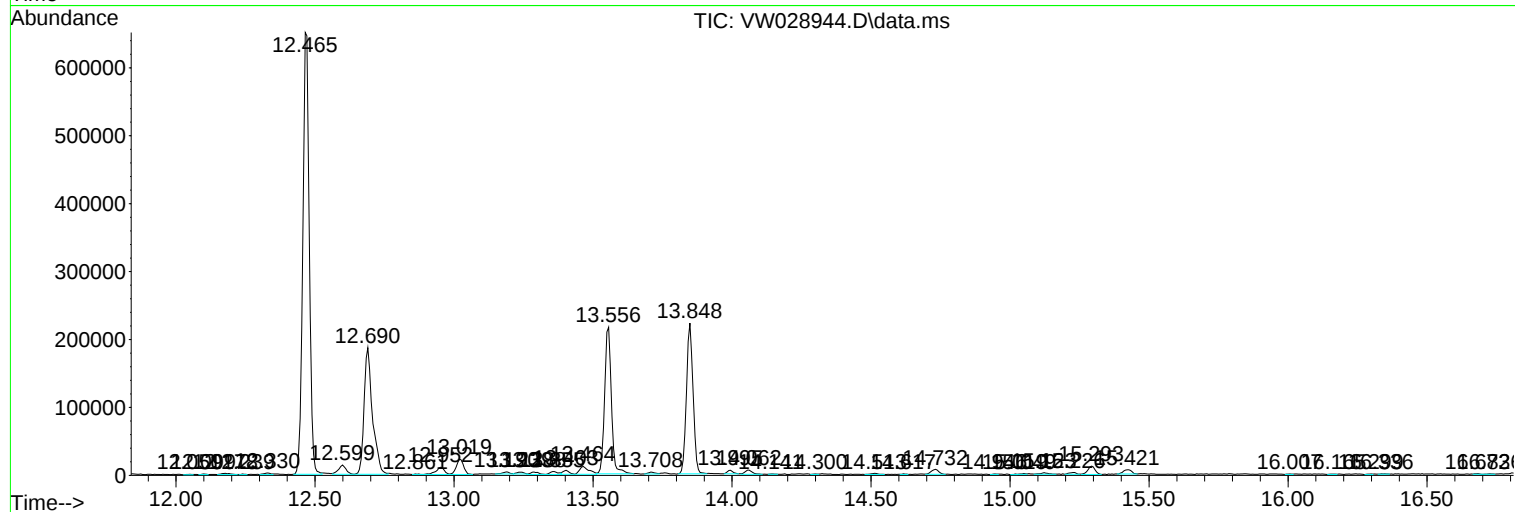
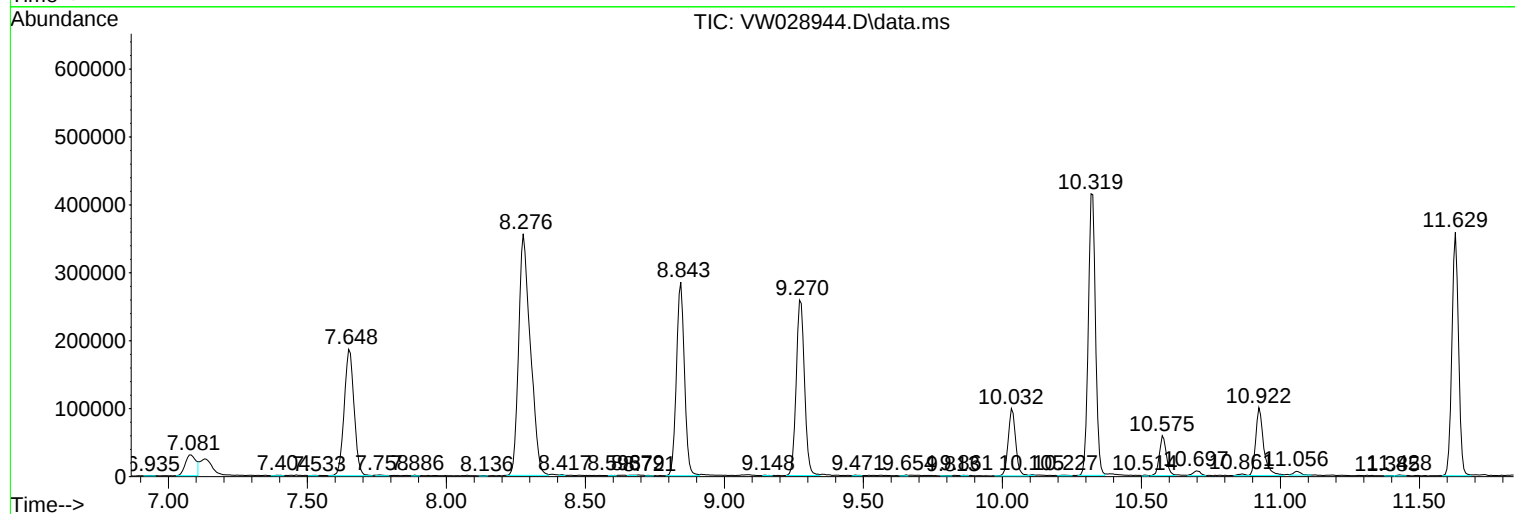
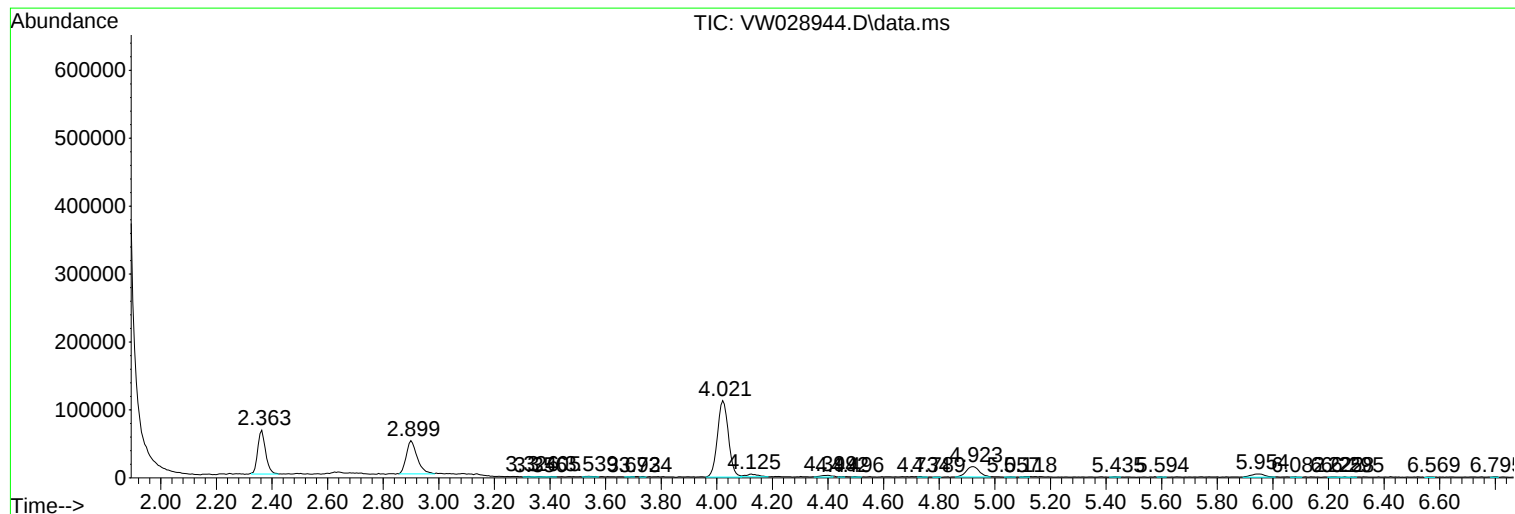
Sum of corrected areas: 7661262

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Instrument :
MSVOA_W
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.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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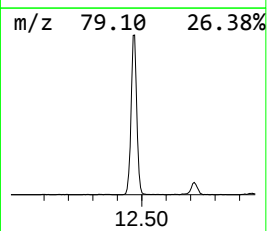
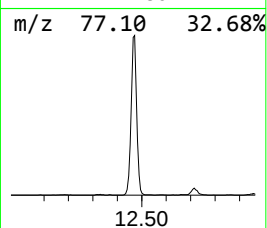
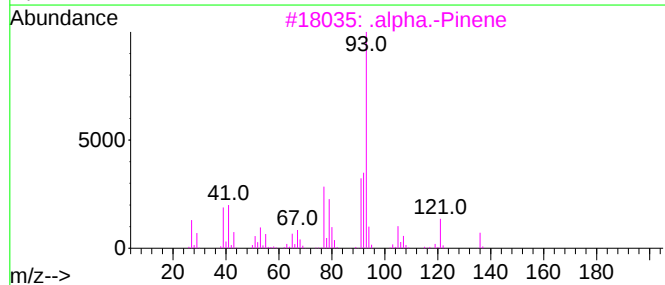
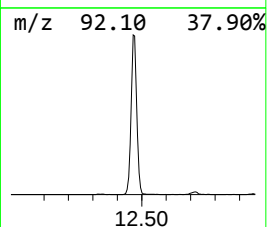
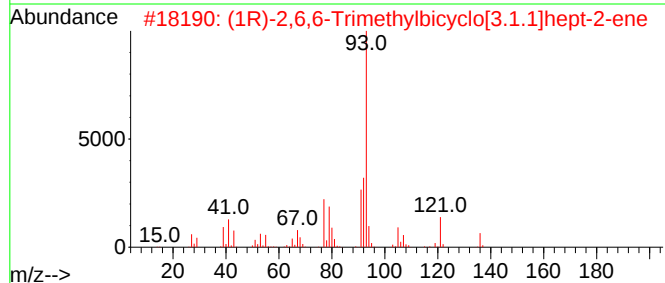
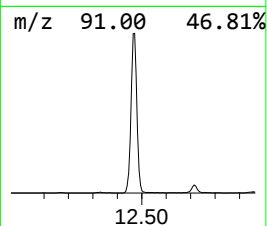
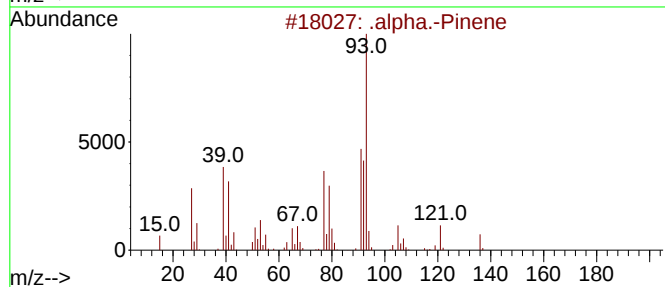
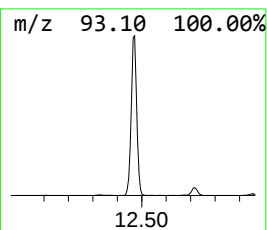
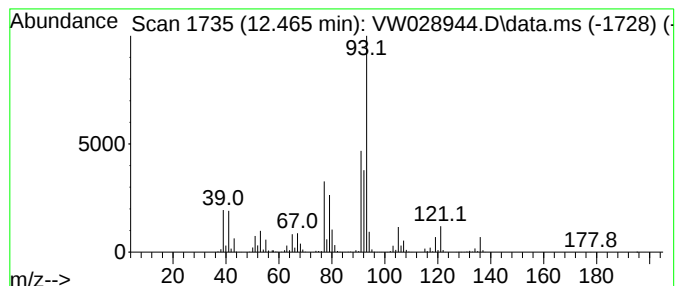
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.465	44.35 ug/L	1054180	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...			136	C10H16	007785-70-8	94
3	.		.alpha.-Pinene	136	C10H16	000080-56-8	94
4	.		.alpha.-Pinene	136	C10H16	000080-56-8	91
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...			136	C10H16	004889-83-2	91



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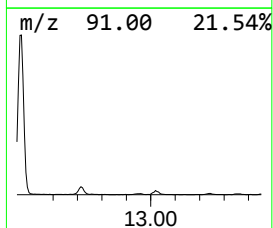
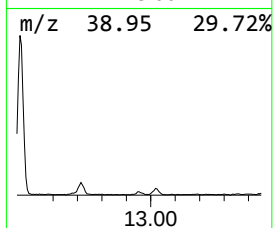
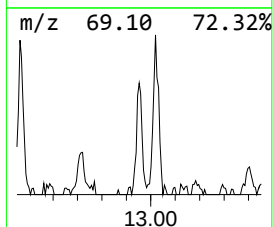
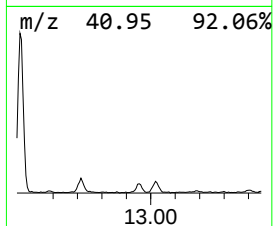
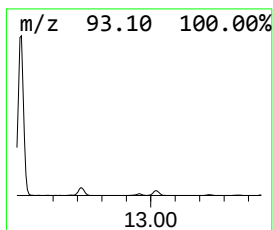
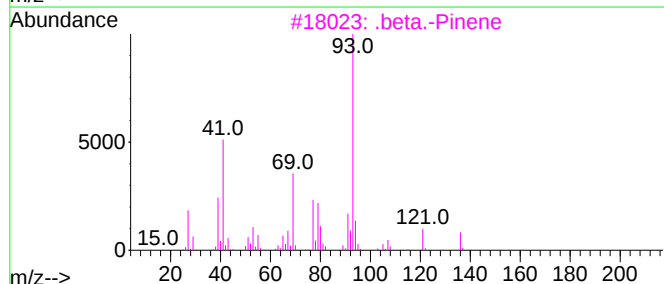
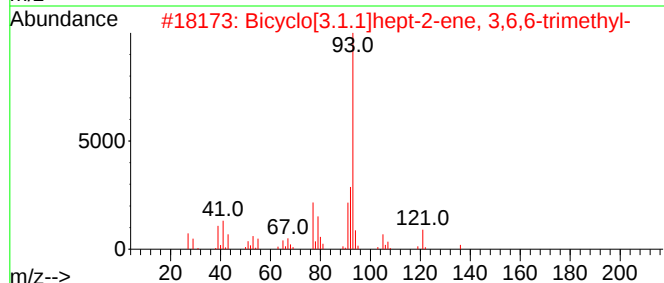
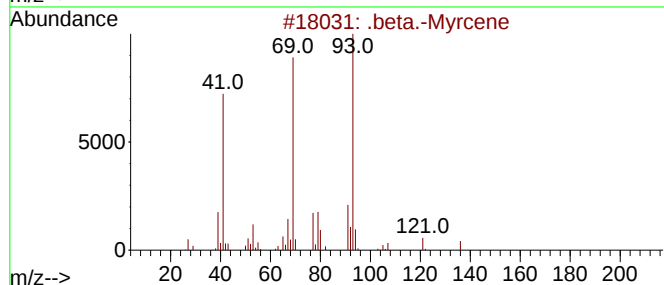
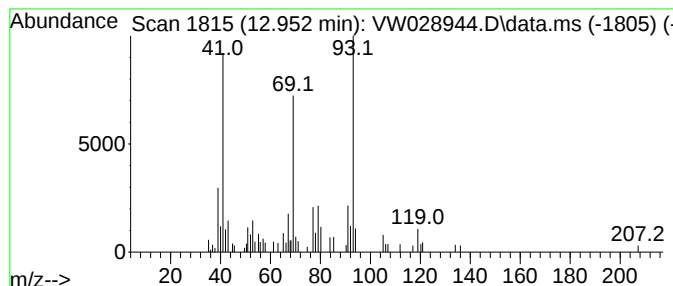
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0

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

Peak Number 4 .beta.-Myrcene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.952	1.57 ug/L	22909	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.beta.-Myrcene	136	C10H16	000123-35-3	76
2			Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	74
3			.beta.-Pinene	136	C10H16	000127-91-3	72
4			.beta.-Pinene	136	C10H16	000127-91-3	72
5			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	72



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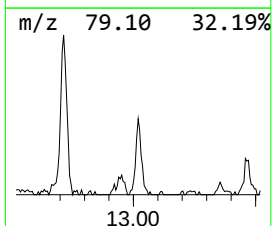
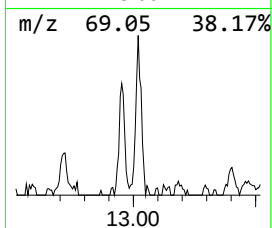
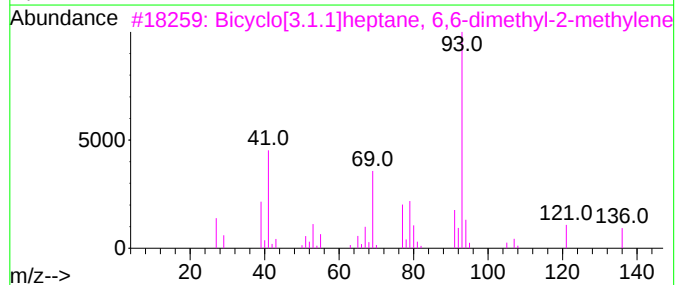
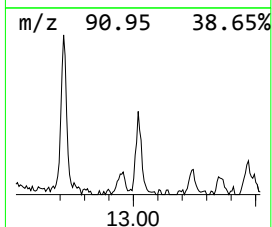
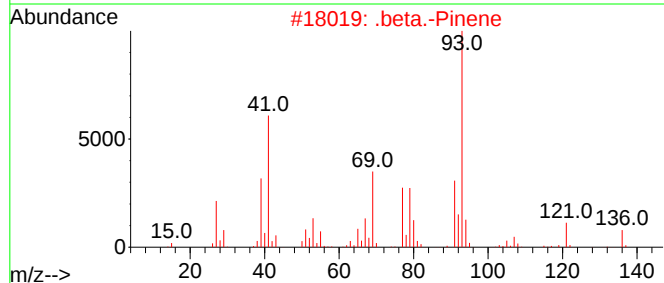
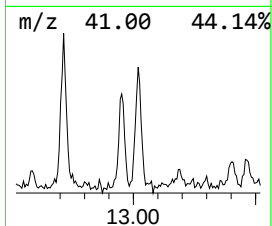
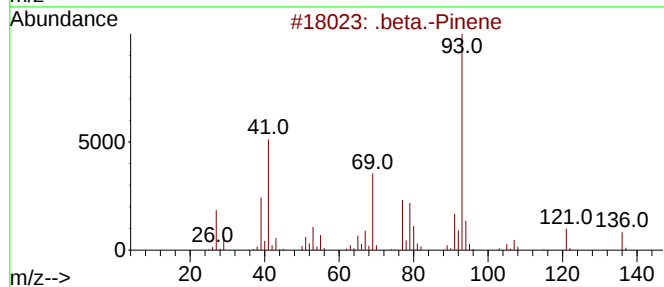
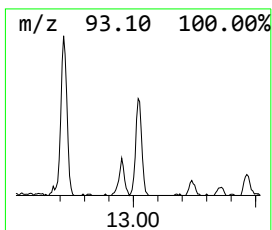
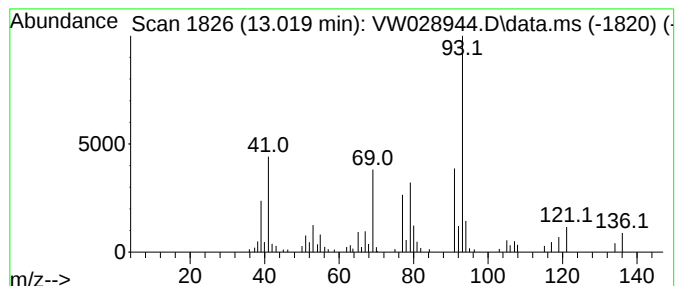
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Quant Title : SFAM01.0

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

Peak Number 5 .beta.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.019	2.76 ug/L	40167	1,4-Dichlorobenzene-d4	13.556

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053124\
Data File : VW028944.D
Acq On : 31 May 2024 15:37
Operator : SY/MD
Sample : P2647-14RE
Misc : 5.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BHBS8RE

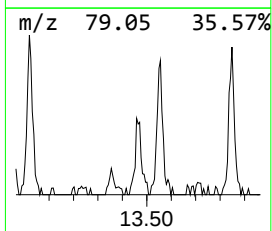
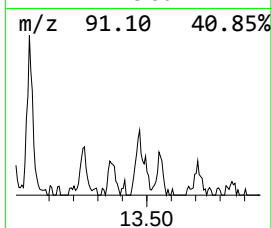
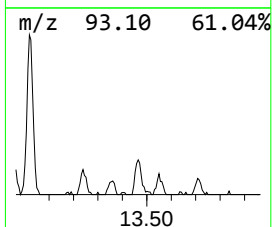
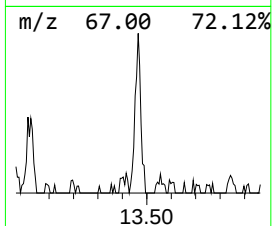
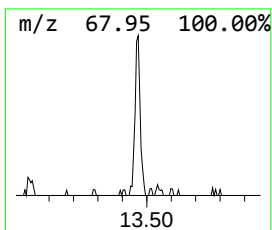
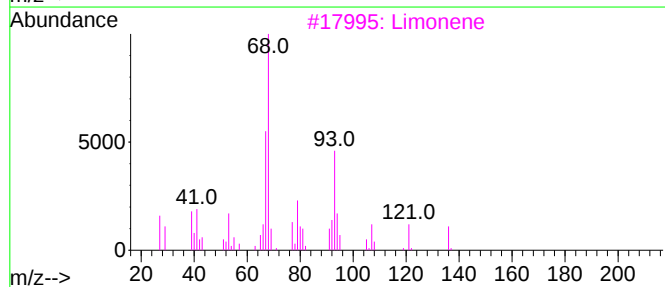
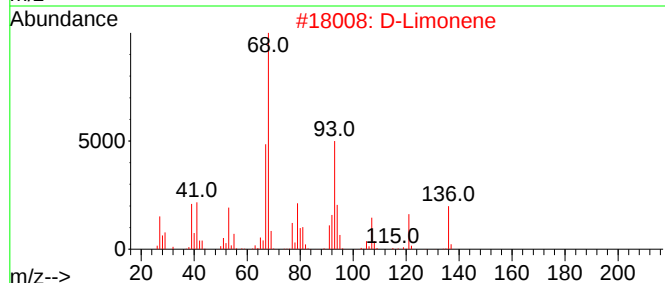
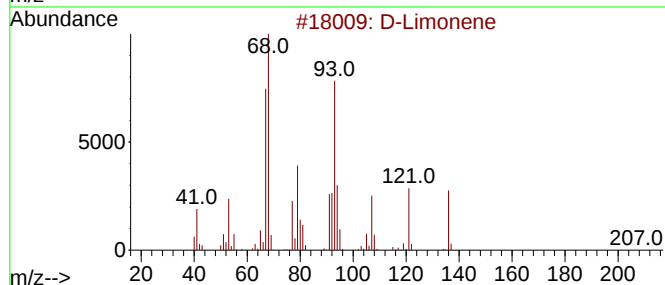
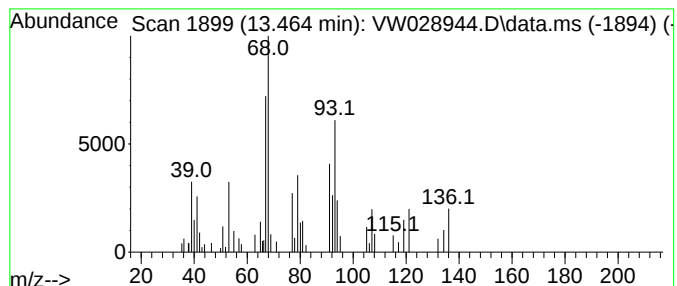
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Quant Title : SFAM01.0

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

Peak Number 6 D-Limonene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.464	1.87 ug/L	27307	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			D-Limonene	136	C10H16	005989-27-5	93
3			Limonene	136	C10H16	000138-86-3	93
4			Limonene	136	C10H16	000138-86-3	93
5			Limonene	136	C10H16	000138-86-3	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053124\
Data File : VW028944.D
Acq On : 31 May 2024 15:37
Operator : SY/MD
Sample : P2647-14RE
Misc : 5.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BHBS8RE

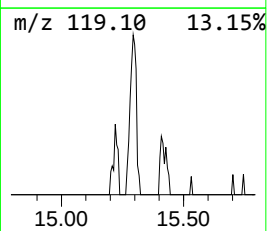
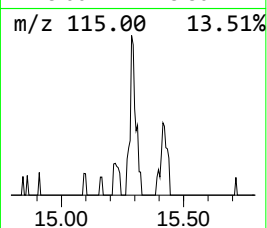
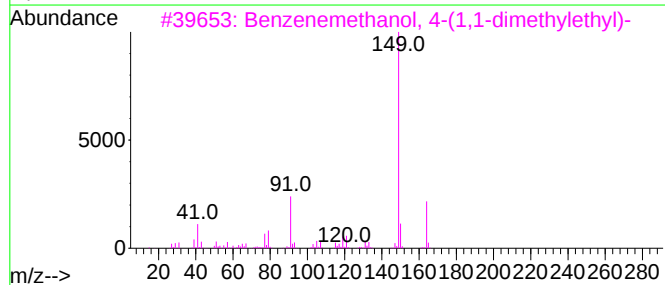
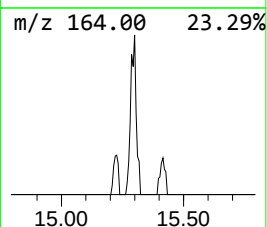
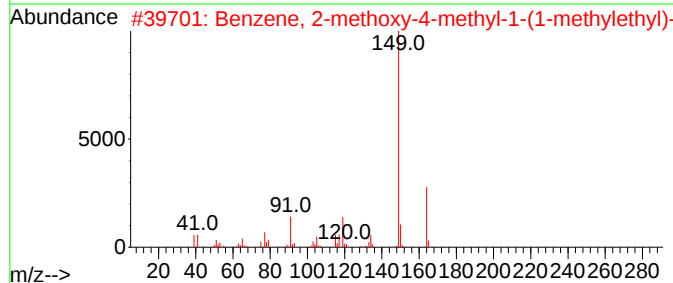
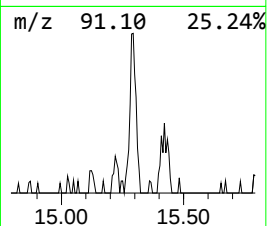
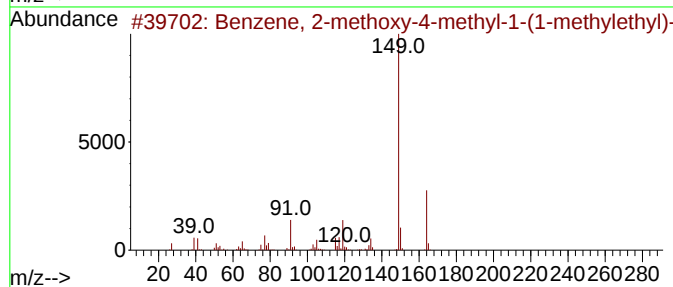
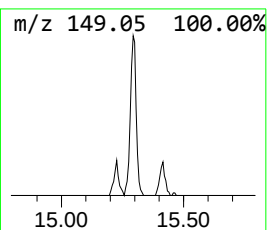
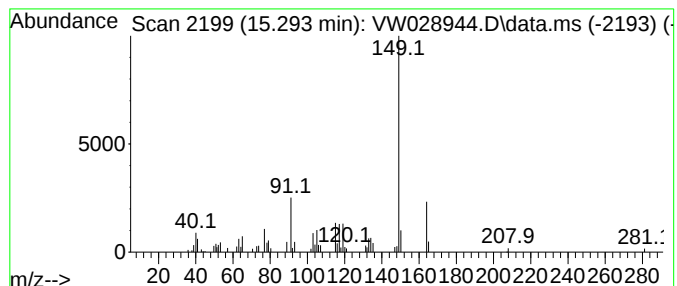
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Quant Title : SFAM01.0

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

Peak Number 7 Benzene, 2-methoxy-4-methyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.293	1.52 ug/L	22096	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-methoxy-4-methyl-1-(1...	164	C11H16O	001076-56-8	87
2			Benzene, 2-methoxy-4-methyl-1-(1...	164	C11H16O	001076-56-8	87
3			Benzenemethanol, 4-(1,1-dimethyl...	164	C11H16O	000877-65-6	72
4			4-tert-Butyl-1,2-diaminobenzene	164	C10H16N2	068176-57-8	72
5			Benzene, 2-methoxy-1-methyl-4-(1...	164	C11H16O	006379-73-3	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053124\
Data File : VW028944.D
Acq On : 31 May 2024 15:37
Operator : SY/MD
Sample : P2647-14RE
Misc : 5.09g/10mL/MSVOA_W/SOIL/B
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BHBS8RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.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	12.465	44.4	ug/L	1054180	2	11.629	594304	25.0
.beta.-Myrcene	12.952	1.6	ug/L	22909	3	13.556	364464	25.0
.beta.-Pinene	13.019	2.8	ug/L	40167	3	13.556	364464	25.0
D-Limonene	13.464	1.9	ug/L	27307	3	13.556	364464	25.0
Benzene, 2-meth...	15.293	1.5	ug/L	22096	3	13.556	364464	25.0