

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082224\
 Data File : VW029987.D
 Acq On : 22 Aug 2024 15:01
 Operator : SY/MD
 Sample : P3673-09
 Misc : 5.32g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCXX9

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\SFAMWLM072424SMA.M

Title : SFAM01.0

Signal : TIC: VW029987.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.369	74	79	97	rVB	41369	109665	7.44%	1.326%
2	2.899	160	166	182	rVB	34743	98888	6.71%	1.196%
3	3.308	227	233	239	rBV4	1709	3711	0.25%	0.045%
4	3.399	241	248	258	rVB3	2576	6375	0.43%	0.077%
5	3.655	288	290	291	rBV	290	243	0.02%	0.003%
6	3.850	320	322	324	rBV2	325	335	0.02%	0.004%
7	4.021	339	350	360	rBV	83178	254234	17.24%	3.075%
8	4.271	385	391	405	rVB	3704	11561	0.78%	0.140%
9	4.606	442	446	448	rBV	299	310	0.02%	0.004%
10	4.691	457	460	462	rBV2	205	180	0.01%	0.002%
11	4.722	462	465	468	rBV3	330	498	0.03%	0.006%
12	4.771	471	473	475	rVB2	268	202	0.01%	0.002%
13	4.801	475	478	479	rBV2	237	209	0.01%	0.003%
14	4.923	487	498	512	rBV2	9648	36365	2.47%	0.440%
15	5.173	537	539	540	rBV	261	170	0.01%	0.002%
16	5.569	602	604	607	rVB2	191	165	0.01%	0.002%
17	5.624	610	613	615	rBV2	134	208	0.01%	0.003%
18	5.789	635	640	641	rBV4	392	501	0.03%	0.006%
19	5.844	648	649	654	rVB2	132	161	0.01%	0.002%
20	5.947	654	666	673	rBV5	2142	6593	0.45%	0.080%
21	6.088	687	689	692	rBV2	194	178	0.01%	0.002%
22	6.136	695	697	700	rBV2	137	168	0.01%	0.002%
23	6.191	704	706	708	rVB	210	161	0.01%	0.002%
24	6.551	763	765	767	rVV	206	151	0.01%	0.002%
25	6.722	791	793	796	rBV	166	198	0.01%	0.002%
26	6.868	814	817	818	rBV2	210	202	0.01%	0.002%
27	6.941	827	829	831	rBV	205	160	0.01%	0.002%
28	7.075	843	851	867	rBV	25575	85443	5.79%	1.033%
29	7.398	902	904	905	rBV	248	193	0.01%	0.002%
30	7.539	923	927	931	rBV2	276	463	0.03%	0.006%
31	7.648	934	945	960	rBV	157344	383235	25.99%	4.635%
32	8.276	1037	1048	1064	rBV2	290436	863384	58.54%	10.443%
33	8.453	1076	1077	1082	rVB3	285	359	0.02%	0.004%
34	8.490	1082	1083	1085	rBV	370	188	0.01%	0.002%
35	8.557	1092	1094	1096	rVV2	269	174	0.01%	0.002%
36	8.581	1096	1098	1099	rVV2	263	190	0.01%	0.002%

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 Title : SFAM01.0

37	8.703	1112	1118	1127	rBV5	1694	3853	0.26%	0.047%
38	8.843	1132	1141	1154	rBV	412286	816619	55.37%	9.877%
39	9.081	1175	1180	1185	rVB4	1433	2257	0.15%	0.027%
40	9.178	1194	1196	1198	rBV2	251	199	0.01%	0.002%
41	9.203	1198	1200	1202	rBV	208	166	0.01%	0.002%
42	9.270	1202	1211	1221	rBV	202173	415323	28.16%	5.023%
43	9.428	1231	1237	1246	rVB5	740	2151	0.15%	0.026%
44	9.520	1250	1252	1255	rVB2	194	215	0.01%	0.003%
45	9.587	1261	1263	1265	rBV2	151	180	0.01%	0.002%
46	9.648	1271	1273	1274	rBV	444	303	0.02%	0.004%
47	9.764	1289	1292	1293	rBV	207	223	0.02%	0.003%
48	10.032	1328	1336	1348	rBV	96435	179283	12.16%	2.168%
49	10.318	1375	1383	1391	rBV	376505	671325	45.52%	8.120%
50	10.575	1418	1425	1437	rBV	61889	112905	7.66%	1.366%
51	10.703	1439	1446	1453	rVB	17563	30928	2.10%	0.374%
52	10.782	1457	1459	1461	rVB3	215	178	0.01%	0.002%
53	10.861	1469	1472	1475	rVB3	817	991	0.07%	0.012%
54	10.922	1475	1482	1495	rBV	103969	180142	12.21%	2.179%
55	11.074	1501	1507	1516	rVB3	7592	13681	0.93%	0.165%
56	11.202	1526	1528	1531	rVB2	364	403	0.03%	0.005%
57	11.489	1573	1575	1579	rVB2	186	245	0.02%	0.003%
58	11.629	1590	1598	1608	rBV	546867	889870	60.34%	10.763%
59	11.843	1629	1633	1635	rBV3	706	836	0.06%	0.010%
60	11.934	1645	1648	1649	rBV2	171	175	0.01%	0.002%
61	12.019	1658	1662	1668	rBV4	1238	2759	0.19%	0.033%
62	12.093	1671	1674	1677	rBV4	456	660	0.04%	0.008%
63	12.154	1681	1684	1686	rBV	427	504	0.03%	0.006%
64	12.233	1695	1697	1703	rVB2	554	836	0.06%	0.010%
65	12.318	1709	1711	1712	rBV	212	172	0.01%	0.002%
66	12.367	1713	1719	1725	rVB3	5101	8921	0.60%	0.108%
67	12.464	1725	1735	1752	rBV	885535	1474795	100.00%	17.838%
68	12.605	1752	1758	1765	rVV	14759	25843	1.75%	0.313%
69	12.690	1765	1772	1786	rVB	169160	317727	21.54%	3.843%
70	12.885	1801	1804	1807	rBV3	503	786	0.05%	0.010%
71	12.952	1808	1815	1819	rVV5	4099	7833	0.53%	0.095%
72	13.019	1819	1826	1835	rVV	44234	77428	5.25%	0.937%
73	13.086	1835	1837	1839	rVB	328	214	0.01%	0.003%
74	13.153	1846	1848	1851	rBV3	386	472	0.03%	0.006%
75	13.208	1851	1857	1865	rBV	18577	31158	2.11%	0.377%
76	13.355	1879	1881	1885	rVB2	327	377	0.03%	0.005%

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 Title : SFAM01.0

77	13.397	1885	1888	1892	rBV4	993	1661	0.11%	0.020%
78	13.464	1893	1899	1907	rVV4	14727	28828	1.95%	0.349%
79	13.556	1907	1914	1925	rVV	401206	653837	44.33%	7.908%
80	13.848	1955	1962	1974	rVB	252586	419642	28.45%	5.076%
81	13.995	1981	1986	1992	rBV6	1918	3288	0.22%	0.040%
82	14.062	1992	1997	2004	rVB2	3203	6055	0.41%	0.073%
83	14.324	2034	2040	2045	rBV5	1542	2820	0.19%	0.034%
84	14.428	2052	2057	2063	rVB5	1111	1710	0.12%	0.021%
85	14.513	2063	2071	2077	rBV5	1073	2149	0.15%	0.026%
86	14.568	2079	2080	2082	rVB2	446	223	0.02%	0.003%
87	14.610	2086	2087	2089	rBV2	478	431	0.03%	0.005%
88	14.714	2102	2104	2110	rVB4	1335	1583	0.11%	0.019%
89	14.824	2120	2122	2123	rBV2	335	230	0.02%	0.003%
90	14.848	2123	2126	2131	rVB5	1062	1693	0.11%	0.020%
91	14.940	2139	2141	2142	rBV2	312	194	0.01%	0.002%
92	14.994	2148	2150	2153	rBV2	365	408	0.03%	0.005%
93	15.062	2159	2161	2165	rVB4	523	628	0.04%	0.008%
94	15.293	2198	2199	2200	rBV	389	154	0.01%	0.002%
95	15.939	2303	2305	2308	rBV2	387	507	0.03%	0.006%
96	16.019	2316	2318	2319	rBV2	455	286	0.02%	0.003%
97	16.092	2325	2330	2333	rVB3	1211	2314	0.16%	0.028%
98	16.214	2349	2350	2352	rBV2	261	152	0.01%	0.002%
99	16.256	2355	2357	2358	rBV	464	333	0.02%	0.004%
100	16.714	2431	2432	2433	rBV	529	239	0.02%	0.003%

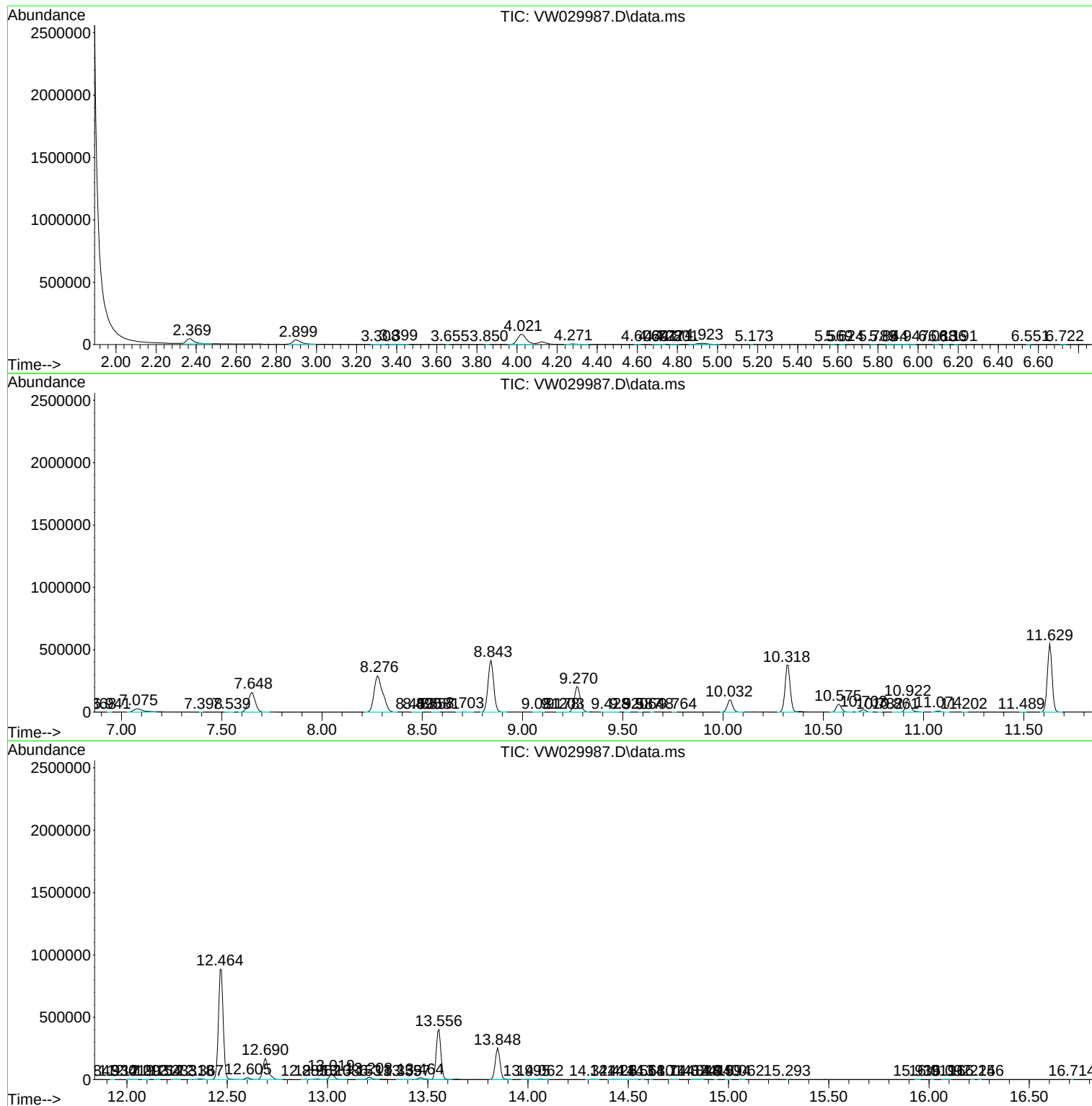
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
Quant Title : SFAM01.0

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



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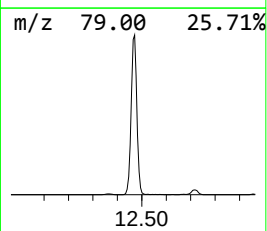
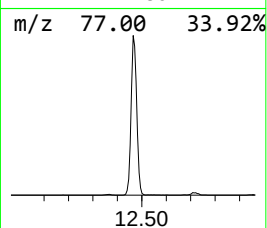
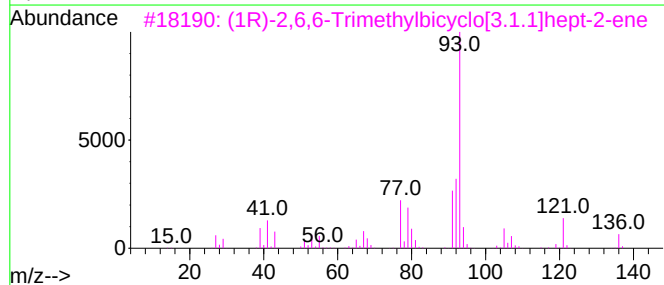
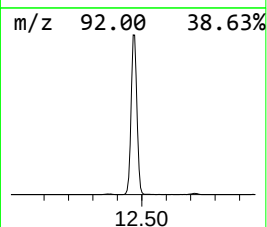
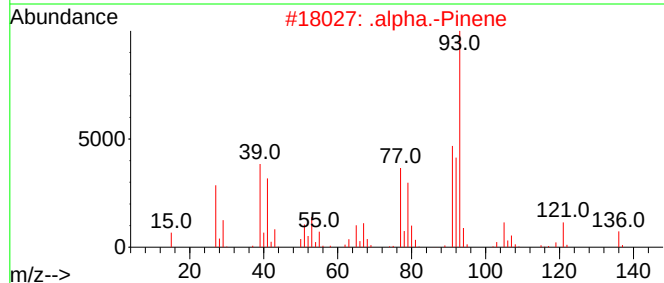
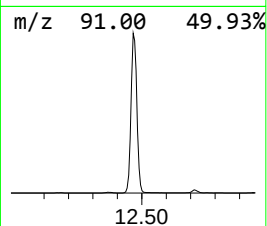
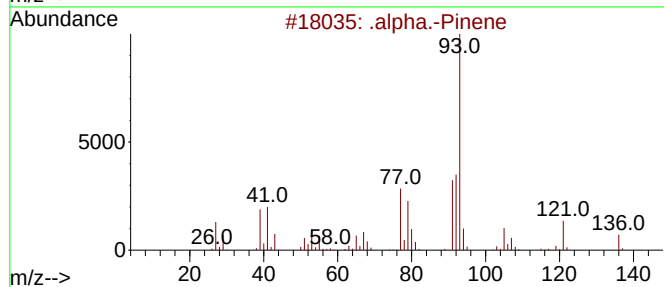
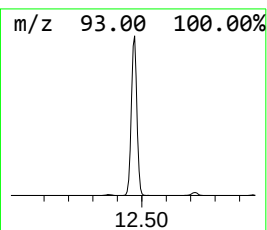
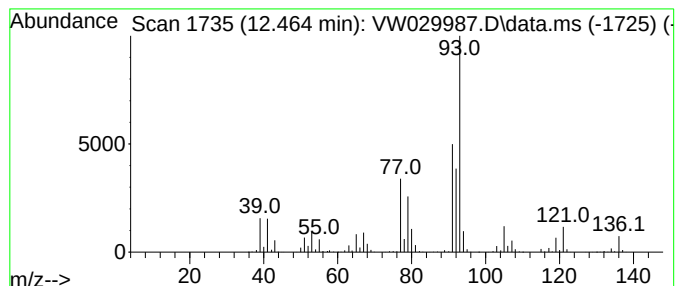
Instrument :
MSVOA_W
ClientSampleId :
DCXX9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.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.	
12.464	41.43 ug/L	1474800	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	.alpha.-Pinene	136	C10H16	000080-56-8	91



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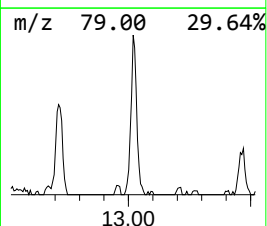
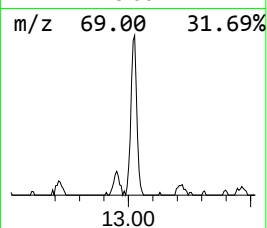
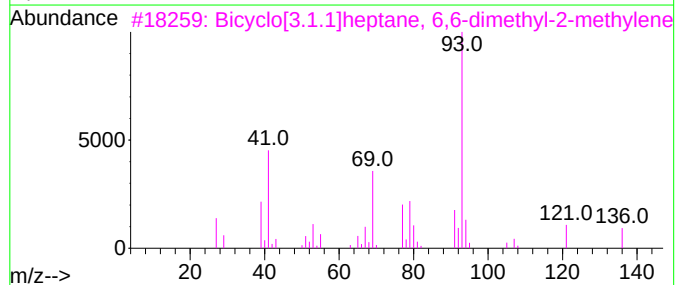
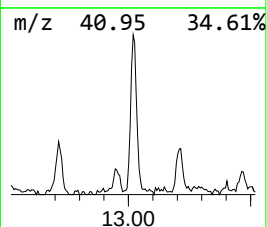
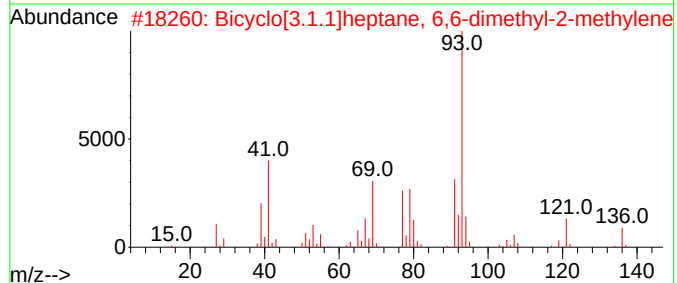
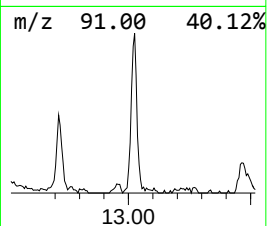
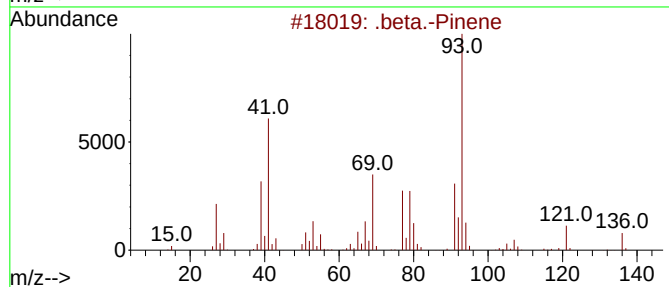
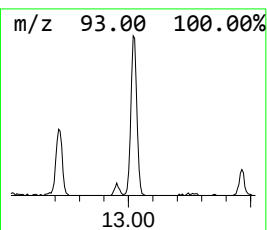
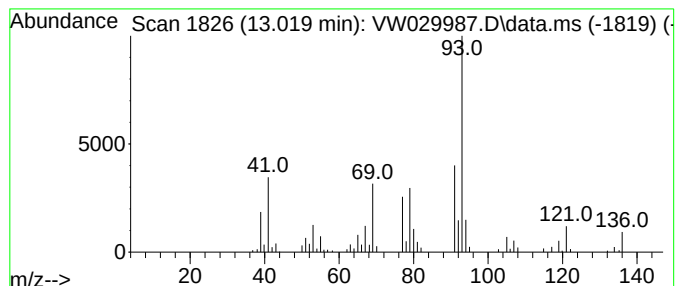
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Quant Title : SFAM01.0

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

Peak Number 3 .beta.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.019	2.96 ug/L	77428	1,4-Dichlorobenzene-d4	13.556

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	.beta.-Pinene	136	C10H16	000127-91-3	97	
2	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	96		
3	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	95		
4	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91		
5	Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	91		



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	12.464	41.4	ug/L	1474800	2	11.629	889870	25.0
.beta.-Pinene	13.019	3.0	ug/L	77428	3	13.556	653837	25.0