

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081821\
 Data File : VW019774.D
 Acq On : 18 Aug 2021 15:16
 Operator : SY/VA
 Sample : M3458-04
 Misc : 6.79g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AR3

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\SFAMWLM081821SMA.M
 Title : SFAM01.0

Signal : TIC: VW019774.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.361	69	75	91	rBV	136916	280986	19.87%	3.122%
2	2.898	156	163	180	rVB	98254	256114	18.11%	2.846%
3	3.397	239	245	246	rBV4	383	592	0.04%	0.007%
4	3.519	262	265	266	rBV	328	312	0.02%	0.003%
5	3.574	271	274	277	rBV2	278	369	0.03%	0.004%
6	3.653	285	287	290	rVB	295	209	0.01%	0.002%
7	3.739	299	301	304	rVB3	355	382	0.03%	0.004%
8	3.769	304	306	308	rBV	268	254	0.02%	0.003%
9	3.861	319	321	325	rVB2	305	412	0.03%	0.005%
10	3.928	328	332	334	rBV3	154	247	0.02%	0.003%
11	4.025	336	348	374	rBV	168621	536512	37.93%	5.962%
12	4.294	390	392	395	rVV2	199	241	0.02%	0.003%
13	4.367	401	404	406	rBV2	235	367	0.03%	0.004%
14	4.617	440	445	452	rBV3	494	1325	0.09%	0.015%
15	4.739	461	465	467	rBV2	231	295	0.02%	0.003%
16	4.922	485	495	506	rVV4	5233	18121	1.28%	0.201%
17	5.074	518	520	523	rBV	166	203	0.01%	0.002%
18	5.470	583	585	587	rVB	340	233	0.02%	0.003%
19	5.549	596	598	601	rBV2	181	219	0.02%	0.002%
20	5.623	608	610	612	rBV	245	277	0.02%	0.003%
21	5.757	626	632	635	rVB3	268	477	0.03%	0.005%
22	5.793	635	638	641	rBB2	219	218	0.02%	0.002%
23	5.824	641	643	644	rBV	316	234	0.02%	0.003%
24	5.952	657	664	672	rBV6	1709	5132	0.36%	0.057%
25	6.086	684	686	690	rVB	361	423	0.03%	0.005%
26	6.135	690	694	696	rBV2	333	463	0.03%	0.005%
27	6.196	702	704	706	rVB2	224	190	0.01%	0.002%
28	6.348	726	729	732	rBV2	259	318	0.02%	0.004%
29	6.598	765	770	773	rVV2	193	263	0.02%	0.003%
30	6.738	791	793	795	rVB	393	270	0.02%	0.003%
31	7.080	840	849	869	rBV2	28173	91046	6.44%	1.012%
32	7.263	877	879	880	rBV2	270	190	0.01%	0.002%
33	7.287	880	883	884	rVB	240	229	0.02%	0.003%
34	7.506	916	919	920	rBV	215	196	0.01%	0.002%
35	7.543	922	925	930	rVB2	661	884	0.06%	0.010%
36	7.653	932	943	955	rBV	248205	603026	42.64%	6.701%

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37	7.945	987	991	992	rBV2	654	776	0.05%	0.009%
38	8.080	1011	1013	1017	rVB2	234	274	0.02%	0.003%
39	8.189	1030	1031	1033	rBV	292	237	0.02%	0.003%
40	8.281	1035	1046	1062	rBV2	497738	1414303	100.00%	15.716%
41	8.482	1077	1079	1081	rBV3	202	184	0.01%	0.002%
42	8.506	1081	1083	1086	rVV	213	202	0.01%	0.002%
43	8.549	1088	1090	1091	rVV	283	191	0.01%	0.002%
44	8.628	1101	1103	1106	rBV2	385	428	0.03%	0.005%
45	8.677	1109	1111	1115	rBV3	340	421	0.03%	0.005%
46	8.726	1117	1119	1121	rVB2	289	204	0.01%	0.002%
47	8.848	1130	1139	1149	rBV	405992	799496	56.53%	8.884%
48	9.079	1172	1177	1184	rVB4	872	1816	0.13%	0.020%
49	9.128	1184	1185	1187	rBV2	230	186	0.01%	0.002%
50	9.220	1198	1200	1201	rBV	285	235	0.02%	0.003%
51	9.274	1201	1209	1219	rBV	323727	648770	45.87%	7.209%
52	9.488	1241	1244	1247	rBV2	176	238	0.02%	0.003%
53	9.659	1270	1272	1273	rBV2	241	209	0.01%	0.002%
54	9.677	1273	1275	1276	rVV2	304	231	0.02%	0.003%
55	10.036	1327	1334	1343	rVV	142733	256923	18.17%	2.855%
56	10.165	1353	1355	1360	rVB2	190	308	0.02%	0.003%
57	10.201	1360	1361	1364	rBV2	289	325	0.02%	0.004%
58	10.323	1373	1381	1389	rBV	627337	1124418	79.50%	12.494%
59	10.390	1389	1392	1400	rVB	10458	17772	1.26%	0.197%
60	10.579	1416	1423	1431	rVB	95471	161509	11.42%	1.795%
61	10.707	1439	1444	1449	rVB3	1709	2932	0.21%	0.033%
62	10.866	1467	1470	1472	rBV3	235	368	0.03%	0.004%
63	10.927	1473	1480	1491	rVV	91953	162462	11.49%	1.805%
64	11.109	1508	1510	1512	rVB3	389	246	0.02%	0.003%
65	11.408	1556	1559	1560	rBB2	273	195	0.01%	0.002%
66	11.433	1560	1563	1564	rBV2	259	241	0.02%	0.003%
67	11.518	1575	1577	1579	rBV2	315	269	0.02%	0.003%
68	11.634	1588	1596	1606	rBV	507358	840361	59.42%	9.338%
69	11.731	1607	1612	1618	rVB3	7045	12719	0.90%	0.141%
70	11.835	1625	1629	1635	rVV3	1340	2358	0.17%	0.026%
71	12.097	1668	1672	1673	rVB2	328	282	0.02%	0.003%
72	12.298	1702	1705	1706	rBV2	267	220	0.02%	0.002%
73	12.335	1708	1711	1712	rVV2	623	727	0.05%	0.008%
74	12.371	1712	1717	1722	rVB2	9638	16785	1.19%	0.187%
75	12.469	1727	1733	1743	rBV	64302	110552	7.82%	1.228%
76	12.597	1749	1754	1760	rVB4	1907	3850	0.27%	0.043%

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77	12.695	1763	1770	1772	rBV	229025	400829	28.34%	4.454%
78	12.871	1795	1799	1803	rBV3	545	882	0.06%	0.010%
79	12.932	1804	1809	1818	rVV8	3035	6790	0.48%	0.075%
80	13.024	1818	1824	1831	rVB	28987	48532	3.43%	0.539%
81	13.146	1843	1844	1846	rVB2	319	184	0.01%	0.002%
82	13.194	1846	1852	1857	rBV5	872	1942	0.14%	0.022%
83	13.249	1857	1861	1865	rVB3	1344	2087	0.15%	0.023%
84	13.469	1892	1897	1900	rBV4	8254	14392	1.02%	0.160%
85	13.560	1905	1912	1919	rVV	344101	557109	39.39%	6.191%
86	13.755	1941	1944	1949	rBV3	1015	1864	0.13%	0.021%
87	13.853	1952	1960	1968	rBV	347427	562820	39.79%	6.254%
88	14.194	2013	2016	2020	rVB4	1109	1587	0.11%	0.018%
89	14.493	2062	2065	2066	rBV2	736	719	0.05%	0.008%
90	14.517	2066	2069	2075	rVB5	2526	4146	0.29%	0.046%
91	14.627	2085	2087	2090	rBV2	701	654	0.05%	0.007%
92	14.719	2100	2102	2108	rVB6	1891	2576	0.18%	0.029%
93	14.804	2114	2116	2119	rBV3	509	572	0.04%	0.006%
94	14.834	2119	2121	2123	rBV2	405	403	0.03%	0.004%
95	14.962	2140	2142	2145	rBV	400	306	0.02%	0.003%
96	15.133	2165	2170	2172	rBV3	849	1371	0.10%	0.015%
97	15.206	2177	2182	2185	rBV6	1639	3251	0.23%	0.036%
98	15.670	2256	2258	2260	rVB	611	434	0.03%	0.005%
99	16.426	2380	2382	2383	rBV2	404	265	0.02%	0.003%
100	16.682	2423	2424	2425	rBV	483	237	0.02%	0.003%

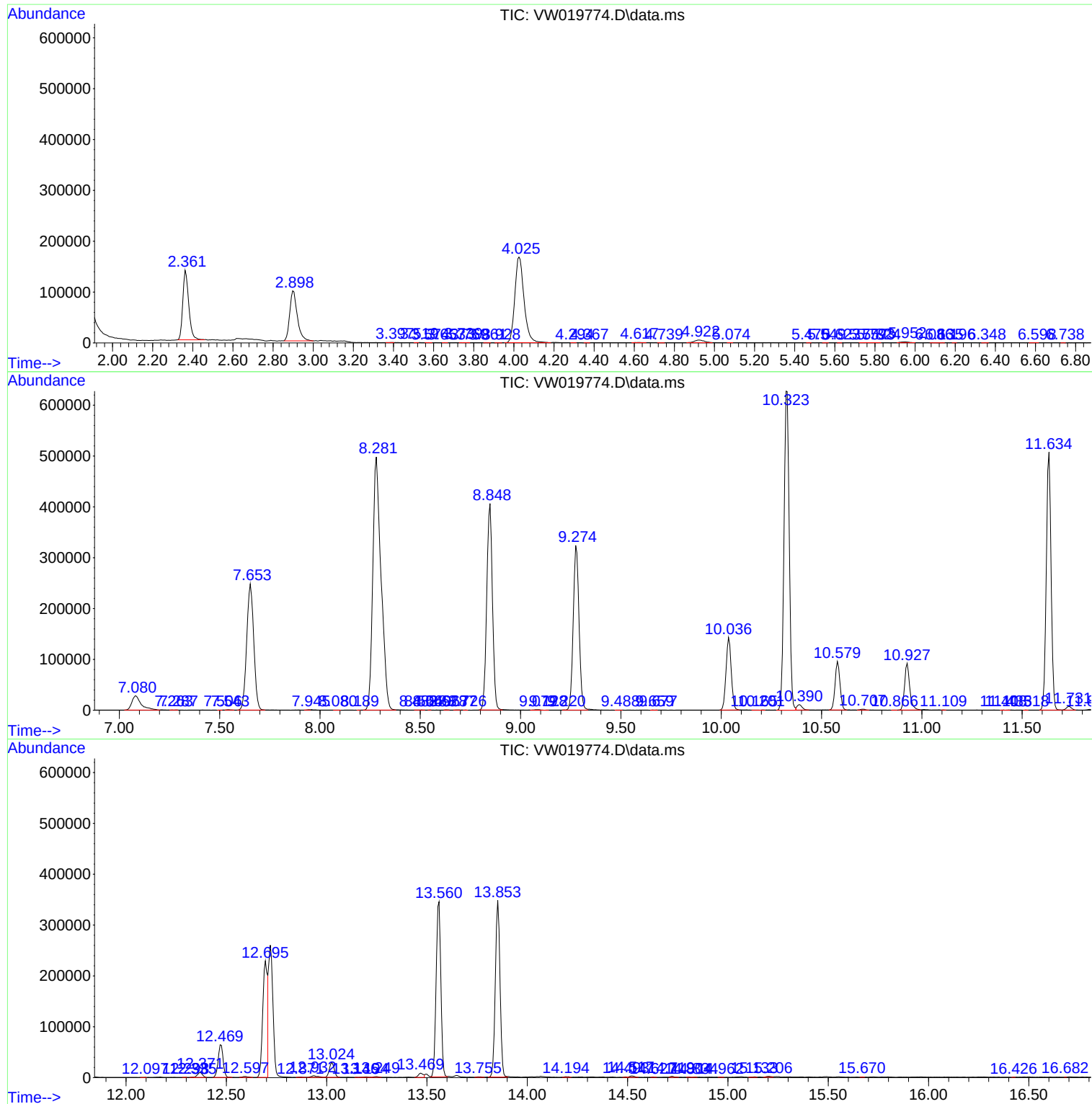
Sum of corrected areas: 8999404

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

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



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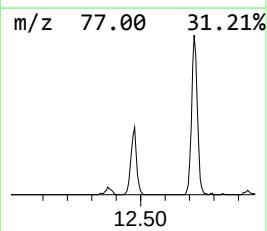
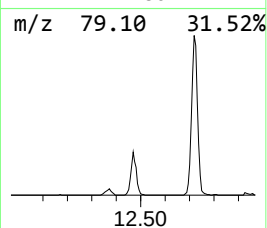
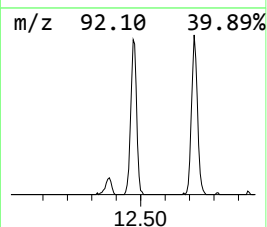
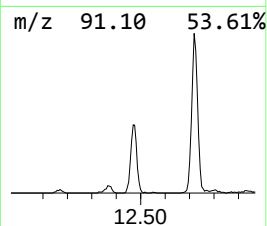
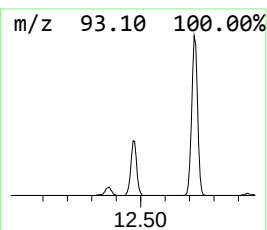
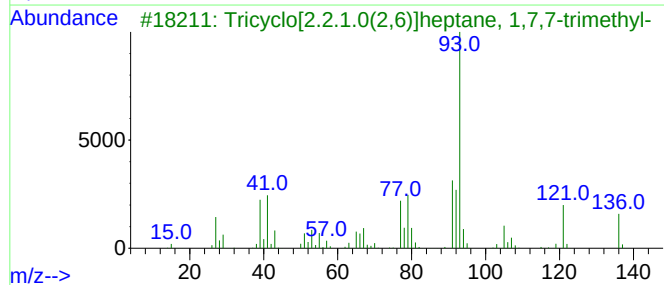
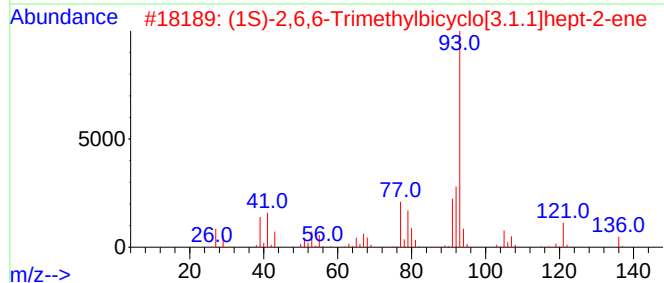
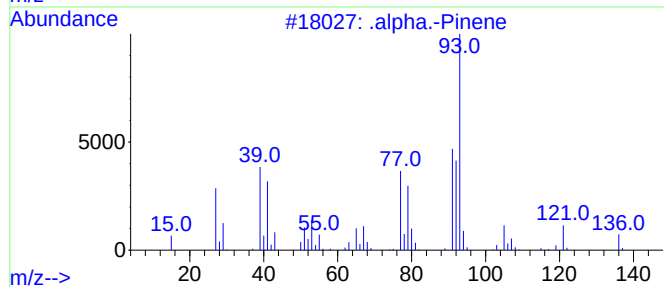
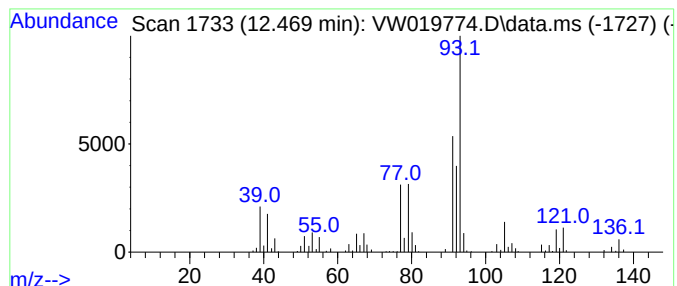
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0

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.
12.469	3.29 ug/L	110552	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.alpha.-Pinene	136	C10H16	000080-56-8	94
2		(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	90
3		Tricyclo[2.2.1.0(2,6)]heptane, 1,7,7-trimethyl-	136	C10H16	000508-32-7	83
4		.alpha.-Pinene	136	C10H16	000080-56-8	81
5		Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	80



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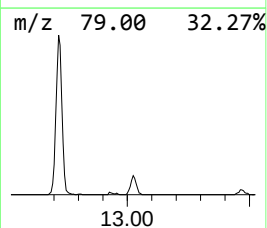
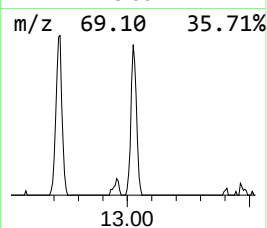
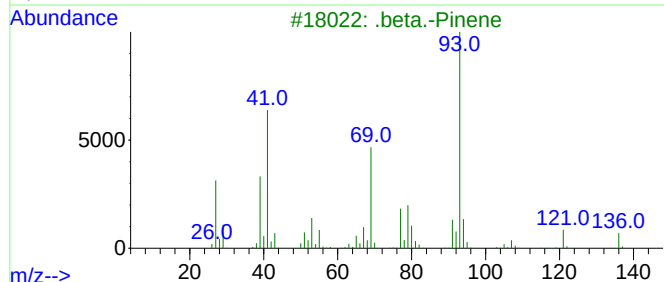
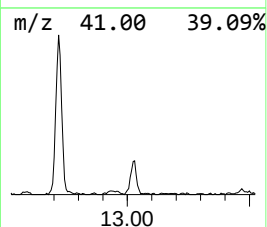
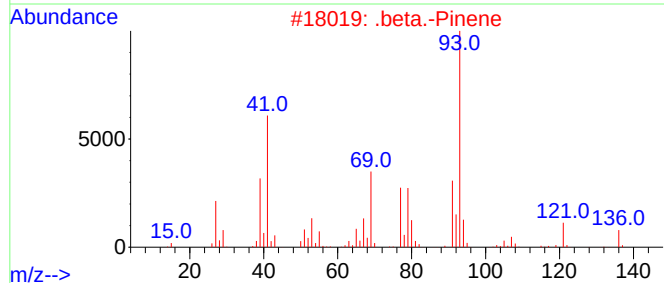
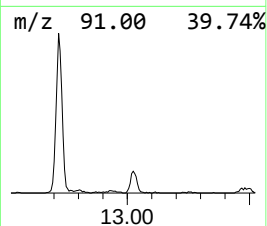
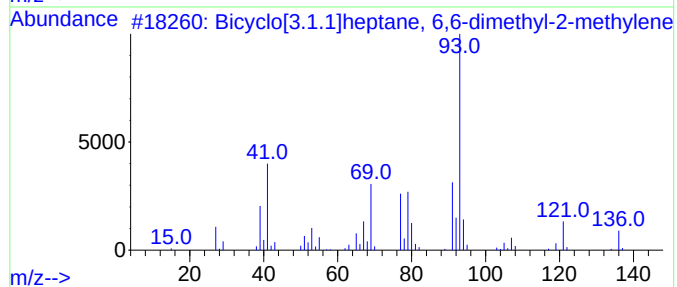
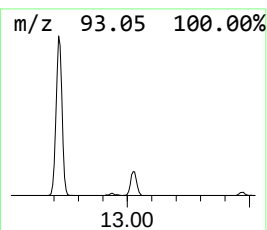
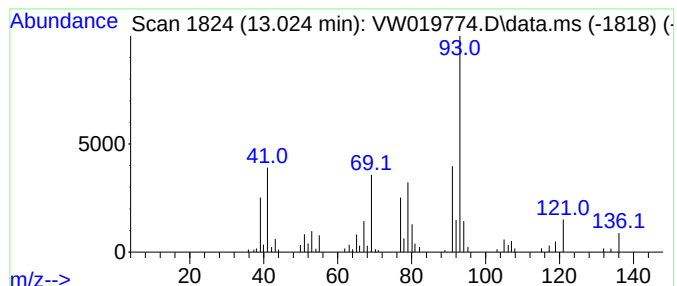
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Peak Number 3 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.024	2.18 ug/L	48532	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	97
2			.beta.-Pinene	136	C10H16	000127-91-3	95
3			.beta.-Pinene	136	C10H16	000127-91-3	91
4			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	90
5			.beta.-Pinene	136	C10H16	000127-91-3	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	12.469	3.3	ug/L	110552	2	11.634	840361	25.0
Bicyclo[3.1.1]h...	13.024	2.2	ug/L	48532	3	13.560	557109	25.0