

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042123\
 Data File : VW025639.D
 Acq On : 21 Apr 2023 17:13
 Operator : SY/MD
 Sample : 02417-17
 Misc : 4.49g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW8Y3

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\SFAMWLM040323SMA.M
 Title : SFAM01.0

Signal : TIC: VW025639.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	90	rBV	116992	304346	10.02%	1.573%
2	2.899	159	166	182	rVB	116290	315928	10.41%	1.633%
3	3.466	257	259	262	rVB4	1719	1813	0.06%	0.009%
4	4.021	337	350	367	rBV	280715	923847	30.43%	4.775%
5	4.204	379	380	386	rVB6	2809	3953	0.13%	0.020%
6	4.399	406	412	417	rVB10	2560	5764	0.19%	0.030%
7	4.484	423	426	427	rBV3	1477	1605	0.05%	0.008%
8	4.551	435	437	440	rVV4	1725	1992	0.07%	0.010%
9	4.588	440	443	444	rVV3	2155	2540	0.08%	0.013%
10	4.618	447	448	450	rVV2	3141	1695	0.06%	0.009%
11	4.649	450	453	456	rVV5	1900	3248	0.11%	0.017%
12	4.679	456	458	460	rVV3	2111	2391	0.08%	0.012%
13	4.734	464	467	469	rBV3	2367	2666	0.09%	0.014%
14	4.795	474	477	479	rVV4	1773	1726	0.06%	0.009%
15	4.832	479	483	485	rVV5	1203	2076	0.07%	0.011%
16	4.917	485	497	515	rVV2	46171	181619	5.98%	0.939%
17	5.057	518	520	523	rVV4	1683	2117	0.07%	0.011%
18	5.295	556	559	560	rVB3	2379	2348	0.08%	0.012%
19	5.338	563	566	568	rBV4	1996	2079	0.07%	0.011%
20	5.539	597	599	602	rBV4	1666	2023	0.07%	0.010%
21	5.941	658	665	675	rVB4	12337	35279	1.16%	0.182%
22	6.155	698	700	705	rVB5	1812	2126	0.07%	0.011%
23	6.210	705	709	710	rBV4	1670	1902	0.06%	0.010%
24	6.240	710	714	717	rBV6	1338	1931	0.06%	0.010%
25	6.929	824	827	830	rBV5	1464	2158	0.07%	0.011%
26	6.984	834	836	840	rVB4	1634	1576	0.05%	0.008%
27	7.075	842	851	872	rBV	97199	346066	11.40%	1.789%
28	7.295	885	887	892	rVB6	1675	2046	0.07%	0.011%
29	7.472	913	916	917	rBV3	1759	1859	0.06%	0.010%
30	7.648	933	945	956	rBV	525914	1312525	43.23%	6.784%
31	7.758	962	963	967	rBV4	2428	3121	0.10%	0.016%
32	7.880	981	983	985	rVV3	2054	2086	0.07%	0.011%
33	7.941	991	993	994	rVV2	2671	1832	0.06%	0.009%
34	7.959	994	996	999	rVB4	2968	3313	0.11%	0.017%
35	8.002	1002	1003	1006	rBV3	1527	2184	0.07%	0.011%
36	8.136	1023	1025	1029	rBV5	1610	1807	0.06%	0.009%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
 Title : SFAM01.0

37	8.276	1038	1048	1062	rBV2	1032732	3036141	100.00%	15.693%
38	8.526	1088	1089	1094	rVB4	1785	2005	0.07%	0.010%
39	8.569	1094	1096	1099	rBV3	1621	2176	0.07%	0.011%
40	8.673	1109	1113	1116	rBV6	1668	3183	0.10%	0.016%
41	8.843	1131	1141	1150	rBV	958735	1869106	61.56%	9.661%
42	8.971	1160	1162	1164	rBV3	1738	1730	0.06%	0.009%
43	9.075	1169	1179	1190	rVB3	6827	23678	0.78%	0.122%
44	9.270	1202	1211	1228	rBV	755807	1562174	51.45%	8.075%
45	9.471	1243	1244	1250	rVB6	1745	2843	0.09%	0.015%
46	9.660	1273	1275	1280	rVB6	3201	5536	0.18%	0.029%
47	9.892	1311	1313	1319	rVB7	2537	3915	0.13%	0.020%
48	10.032	1327	1336	1345	rBV	341937	621944	20.48%	3.215%
49	10.215	1363	1366	1370	rVB6	1858	2183	0.07%	0.011%
50	10.319	1375	1383	1393	rBV	1220148	2214534	72.94%	11.446%
51	10.502	1411	1413	1416	rVB4	2031	1666	0.05%	0.009%
52	10.575	1419	1425	1433	rBV	206345	360344	11.87%	1.863%
53	10.703	1441	1446	1450	rVB3	6918	11842	0.39%	0.061%
54	10.861	1470	1472	1476	rVB5	2525	2956	0.10%	0.015%
55	10.922	1476	1482	1494	rBV	335529	602052	19.83%	3.112%
56	11.099	1510	1511	1515	rVB4	2396	1848	0.06%	0.010%
57	11.197	1524	1527	1530	rBV5	1590	2240	0.07%	0.012%
58	11.288	1539	1542	1544	rVB4	1885	2197	0.07%	0.011%
59	11.447	1565	1568	1570	rBV4	1412	1667	0.05%	0.009%
60	11.495	1572	1576	1577	rVB4	1466	1820	0.06%	0.009%
61	11.629	1589	1598	1609	rBV	1123189	1840675	60.63%	9.514%
62	11.733	1609	1615	1621	rVB2	24412	44900	1.48%	0.232%
63	11.837	1628	1632	1636	rBV6	3646	6386	0.21%	0.033%
64	11.873	1636	1638	1640	rVV3	2358	1716	0.06%	0.009%
65	11.977	1651	1655	1657	rBV5	1658	2113	0.07%	0.011%
66	12.026	1660	1663	1665	rVB4	1746	1987	0.07%	0.010%
67	12.074	1667	1671	1673	rBV5	1627	1769	0.06%	0.009%
68	12.154	1682	1684	1687	rBV3	2563	4175	0.14%	0.022%
69	12.343	1711	1715	1717	rBV5	2183	3002	0.10%	0.016%
70	12.410	1724	1726	1728	rVB2	1827	1629	0.05%	0.008%
71	12.465	1728	1735	1741	rBV2	29961	55545	1.83%	0.287%
72	12.550	1747	1749	1751	rBV3	2206	2378	0.08%	0.012%
73	12.599	1751	1757	1763	rVV2	22322	40903	1.35%	0.211%
74	12.690	1765	1772	1787	rVV	490232	830253	27.35%	4.291%
75	12.830	1792	1795	1797	rVB3	1611	1913	0.06%	0.010%
76	12.940	1807	1813	1819	rVB10	9406	23603	0.78%	0.122%

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 Title : SFAM01.0

77	13.025	1819	1827	1833	rBV	149648	258185	8.50%	1.335%
78	13.117	1840	1842	1845	rVB3	3070	2994	0.10%	0.015%
79	13.208	1855	1857	1860	rVV4	2967	2908	0.10%	0.015%
80	13.245	1860	1863	1867	rVV6	3520	5649	0.19%	0.029%
81	13.361	1878	1882	1886	rVB7	3968	5680	0.19%	0.029%
82	13.403	1888	1889	1892	rVB3	3493	3000	0.10%	0.016%
83	13.464	1894	1899	1907	rBV3	47372	85530	2.82%	0.442%
84	13.556	1907	1914	1925	rVB	678614	1082434	35.65%	5.595%
85	13.708	1936	1939	1943	rVB5	6584	8998	0.30%	0.047%
86	13.849	1955	1962	1974	rBV	609270	998842	32.90%	5.163%
87	13.995	1982	1986	1990	rVB7	7286	9566	0.32%	0.049%
88	14.062	1990	1997	2005	rBB	36612	63545	2.09%	0.328%
89	14.324	2036	2040	2045	rBV8	5308	10295	0.34%	0.053%
90	14.415	2053	2055	2059	rVV5	2538	3155	0.10%	0.016%
91	14.531	2072	2074	2078	rVB5	2787	2785	0.09%	0.014%
92	14.696	2099	2101	2102	rBV2	2330	2080	0.07%	0.011%
93	14.995	2147	2150	2153	rBV4	2056	3208	0.11%	0.017%
94	15.050	2157	2159	2164	rVB6	2147	2659	0.09%	0.014%
95	15.208	2183	2185	2186	rBV2	2405	1785	0.06%	0.009%
96	15.360	2206	2210	2213	rBV5	4924	7606	0.25%	0.039%
97	15.427	2217	2221	2225	rVV	30221	50523	1.66%	0.261%
98	15.482	2226	2230	2238	rVB2	18804	34056	1.12%	0.176%
99	15.787	2277	2280	2286	rVB8	6270	9496	0.31%	0.049%
100	16.251	2354	2356	2359	rBV4	2009	1638	0.05%	0.008%

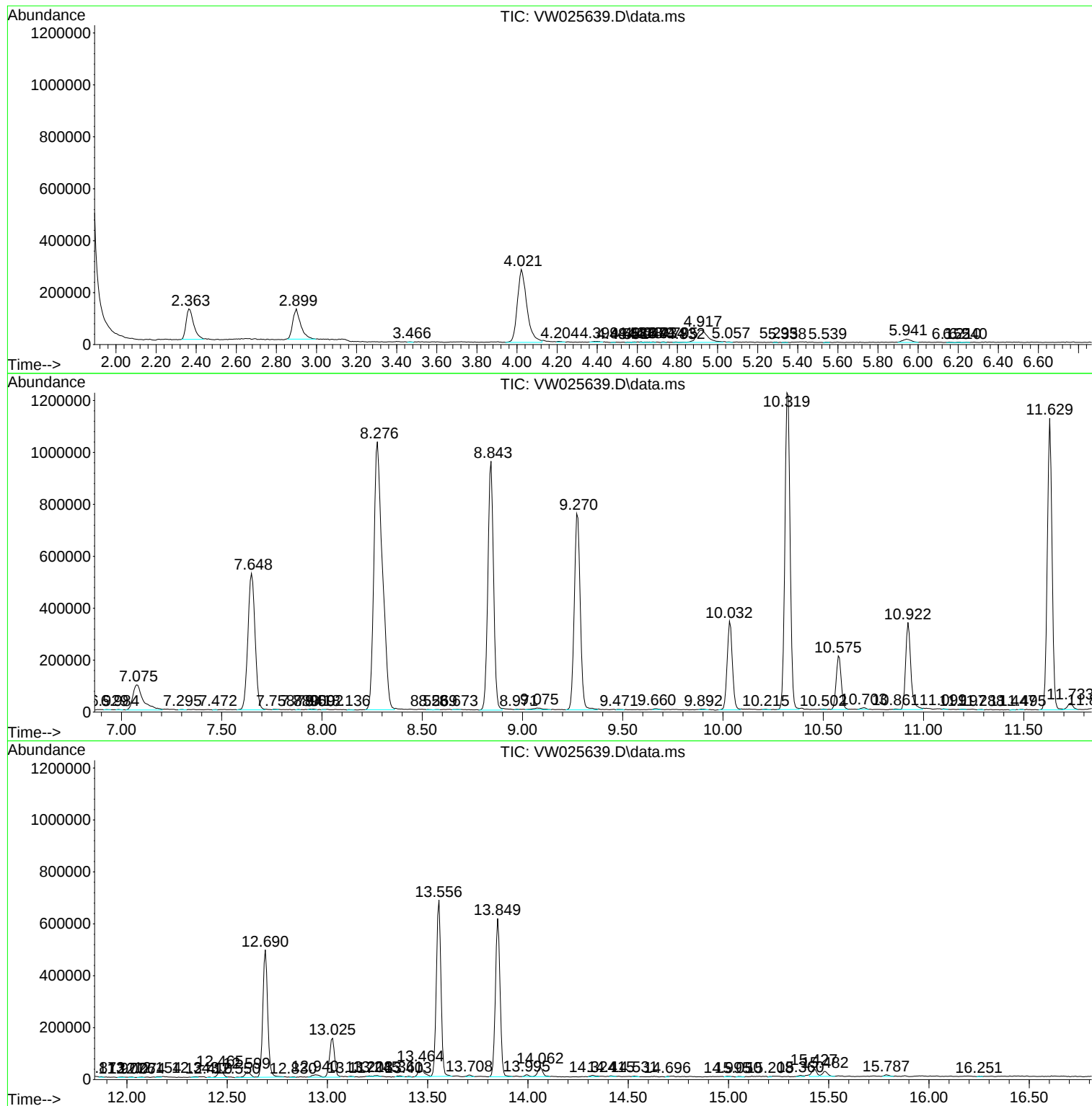
Sum of corrected areas: 19346931

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0

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



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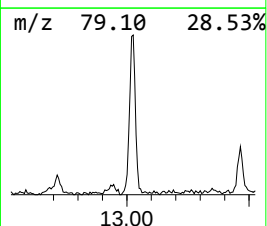
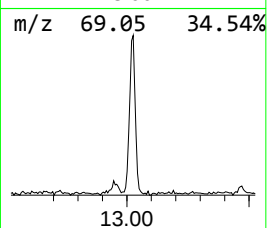
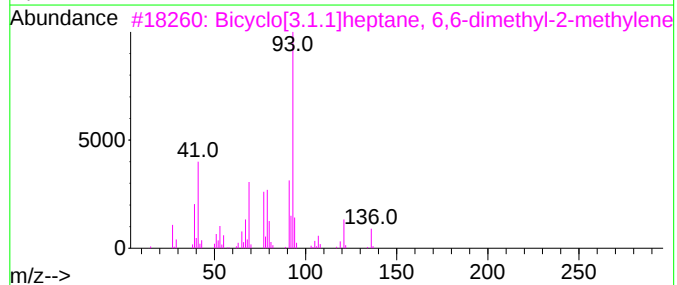
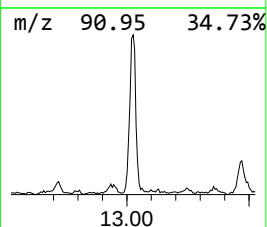
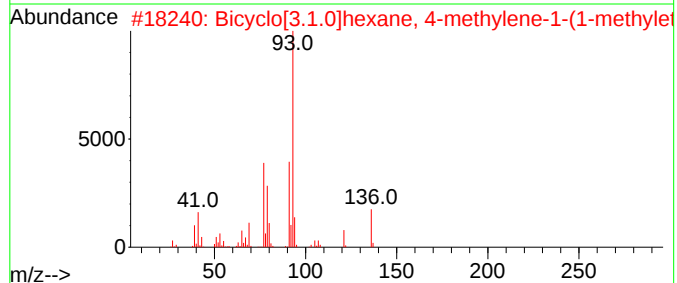
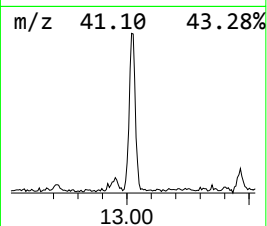
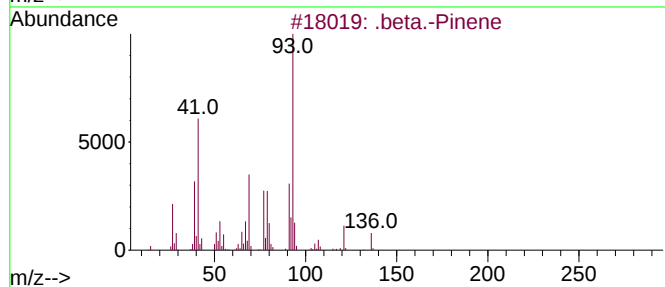
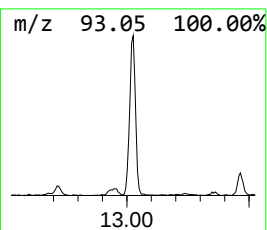
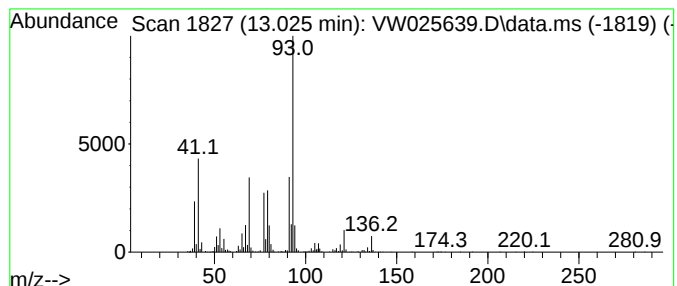
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 .beta.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.025	5.96 ug/L	258185	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[3.1.0]hexane, 4-methylen...			136	C10H16	003387-41-5	95
3	Bicyclo[3.1.1]heptane, 6,6-dimet...			136	C10H16	018172-67-3	95
4	.		.beta.-Pinene	136	C10H16	000127-91-3	91
5	(1R)-2,6,6-Trimethylbicyclo[3.1....			136	C10H16	007785-70-8	90



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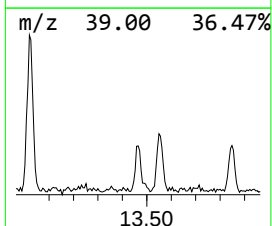
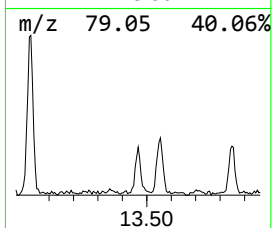
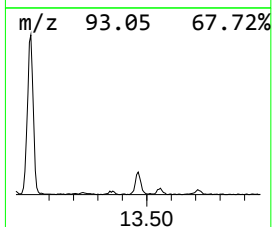
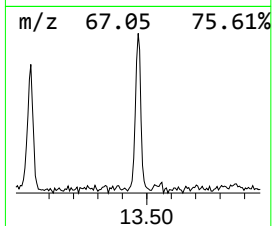
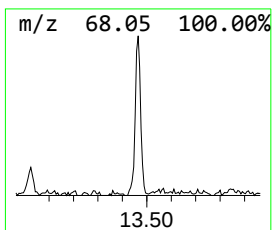
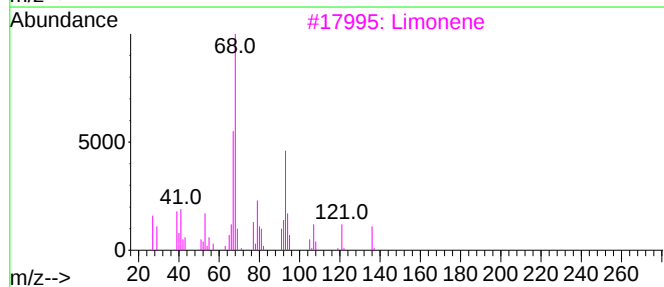
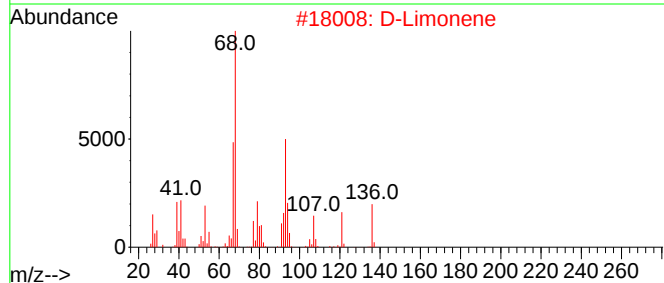
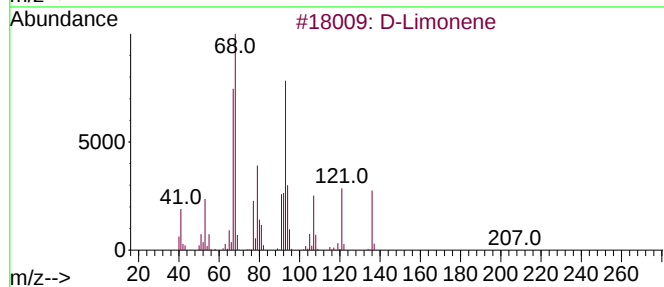
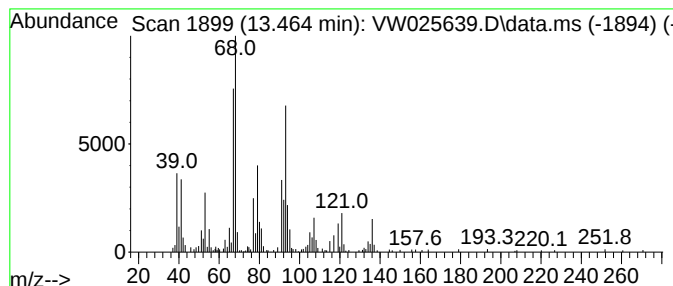
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 D-Limonene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.464	1.98 ug/L	85530	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	D-Limonene			136	C10H16	005989-27-5	93
3	Limonene			136	C10H16	000138-86-3	86
4	D-Limonene			136	C10H16	005989-27-5	76
5	D-Limonene			136	C10H16	005989-27-5	76



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.beta.-Pinene	13.025	6.0	ug/L	258185	3	13.556	1082430	25.0
D-Limonene	13.464	2.0	ug/L	85530	3	13.556	1082430	25.0