

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011822\
 Data File : VW021991.D
 Acq On : 18 Jan 2022 11:24
 Operator : SY/VA
 Sample : N1129-08RE
 Misc : 4.14g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBM01RE

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\SFAMWLM011122SMA.M
 Title : SFAM01.0

Signal : TIC: VW021991.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.355	69	74	80	rVB	8659	14032	8.95%	1.921%
2	2.891	157	162	171	rVB	8839	16317	10.41%	2.234%
3	3.349	236	237	240	rBV2	276	272	0.17%	0.037%
4	3.446	251	253	255	rBV	181	163	0.10%	0.022%
5	3.544	266	269	271	rBV	300	311	0.20%	0.043%
6	3.647	285	286	288	rBV	251	189	0.12%	0.026%
7	3.757	303	304	307	rBV	294	224	0.14%	0.031%
8	3.836	316	317	321	rVB2	198	161	0.10%	0.022%
9	3.879	321	324	327	rVB	137	196	0.13%	0.027%
10	4.025	338	348	359	rVB2	11397	29969	19.11%	4.103%
11	4.245	382	384	386	rBV	183	162	0.10%	0.022%
12	4.550	430	434	438	rBV2	326	452	0.29%	0.062%
13	4.690	455	457	458	rBV2	193	166	0.11%	0.023%
14	4.830	479	480	483	rBV	253	180	0.11%	0.025%
15	4.885	486	489	491	rBV2	173	165	0.11%	0.023%
16	5.141	528	531	532	rBV	211	178	0.11%	0.024%
17	5.519	592	593	596	rBV	154	177	0.11%	0.024%
18	5.970	666	667	669	rBV	180	163	0.10%	0.022%
19	6.189	701	703	706	rBV	170	161	0.10%	0.022%
20	6.714	786	789	791	rBV2	187	224	0.14%	0.031%
21	7.086	841	850	852	rBV2	1710	3561	2.27%	0.488%
22	7.299	882	885	887	rBV	314	348	0.22%	0.048%
23	7.342	890	892	894	rVV	229	224	0.14%	0.031%
24	7.397	898	901	902	rVB	231	228	0.15%	0.031%
25	7.415	902	904	907	rBV2	202	226	0.14%	0.031%
26	7.549	924	926	927	rBV2	321	182	0.12%	0.025%
27	7.653	934	943	952	rBV2	15626	38726	24.70%	5.302%
28	7.811	968	969	972	rVB2	266	188	0.12%	0.026%
29	7.866	977	978	983	rBV2	163	192	0.12%	0.026%
30	7.915	983	986	988	rBV	244	243	0.15%	0.033%
31	8.061	1009	1010	1016	rVB2	239	304	0.19%	0.042%
32	8.281	1038	1046	1060	rBV2	26798	84376	53.81%	11.551%
33	8.841	1130	1138	1148	rVB	26375	54185	34.56%	7.418%
34	9.012	1162	1166	1168	rBV2	138	217	0.14%	0.030%
35	9.085	1175	1178	1179	rBB	261	255	0.16%	0.035%
36	9.110	1179	1182	1183	rBV	217	227	0.14%	0.031%

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 Title : SFAM01.0

37	9.183	1191	1194	1197	rVB	233	260	0.17%	0.036%
38	9.274	1202	1209	1222	rVB	20228	40497	25.83%	5.544%
39	9.390	1225	1228	1230	rBV	216	266	0.17%	0.036%
40	9.488	1242	1244	1246	rBV	155	179	0.11%	0.025%
41	9.744	1284	1286	1289	rVB2	202	168	0.11%	0.023%
42	9.860	1304	1305	1307	rBV2	187	182	0.12%	0.025%
43	10.036	1324	1334	1341	rBV2	5889	11663	7.44%	1.597%
44	10.158	1350	1354	1357	rVB2	279	420	0.27%	0.057%
45	10.201	1357	1361	1365	rBV2	251	369	0.24%	0.051%
46	10.323	1373	1381	1388	rBV	36522	63844	40.72%	8.740%
47	10.475	1403	1406	1412	rBV	351	656	0.42%	0.090%
48	10.579	1416	1423	1429	rBV2	3848	7162	4.57%	0.981%
49	10.701	1439	1443	1444	rBV	404	477	0.30%	0.065%
50	10.750	1449	1451	1455	rVB	243	287	0.18%	0.039%
51	10.926	1473	1480	1486	rBV2	4520	8496	5.42%	1.163%
52	11.018	1491	1495	1496	rBV2	374	345	0.22%	0.047%
53	11.573	1584	1586	1589	rBV	156	198	0.13%	0.027%
54	11.634	1589	1596	1602	rBV2	30628	53536	34.14%	7.329%
55	11.774	1618	1619	1622	rBV	230	207	0.13%	0.028%
56	11.835	1623	1629	1633	rVV3	1519	2378	1.52%	0.326%
57	11.987	1652	1654	1656	rBV	252	202	0.13%	0.028%
58	12.103	1670	1673	1676	rBB2	327	416	0.27%	0.057%
59	12.127	1676	1677	1679	rBV2	308	244	0.16%	0.033%
60	12.188	1685	1687	1690	rVB	221	219	0.14%	0.030%
61	12.268	1698	1700	1703	rVB2	247	201	0.13%	0.028%
62	12.329	1705	1710	1711	rBV2	475	623	0.40%	0.085%
63	12.408	1720	1723	1724	rBV	211	158	0.10%	0.022%
64	12.469	1726	1733	1741	rVB	96110	156793	100.00%	21.466%
65	12.536	1741	1744	1746	rBV2	358	278	0.18%	0.038%
66	12.603	1750	1755	1763	rVV3	748	1270	0.81%	0.174%
67	12.694	1763	1770	1783	rVB3	13603	40854	26.06%	5.593%
68	12.780	1783	1784	1787	rBV2	161	207	0.13%	0.028%
69	12.865	1793	1798	1799	rBV2	377	403	0.26%	0.055%
70	12.902	1802	1804	1805	rBV	326	192	0.12%	0.026%
71	12.932	1805	1809	1811	rBV4	1127	1525	0.97%	0.209%
72	13.024	1818	1824	1830	rBV2	4882	7354	4.69%	1.007%
73	13.188	1849	1851	1855	rVB3	188	175	0.11%	0.024%
74	13.249	1855	1861	1866	rBV3	1046	1948	1.24%	0.267%
75	13.463	1893	1896	1900	rBV2	1182	1571	1.00%	0.215%
76	13.554	1905	1911	1918	rVV	23331	38598	24.62%	5.284%

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 Title : SFAM01.0

77	13.609	1918	1920	1921	rVV	515	367	0.23%	0.050%
78	13.627	1921	1923	1925	rVB	201	169	0.11%	0.023%
79	13.694	1931	1934	1935	rVV2	147	193	0.12%	0.026%
80	13.743	1939	1942	1943	rBV	154	160	0.10%	0.022%
81	13.755	1943	1944	1947	rVB	329	185	0.12%	0.025%
82	13.853	1954	1960	1969	rVV	19179	32451	20.70%	4.443%
83	13.993	1979	1983	1984	rBV	228	238	0.15%	0.033%
84	14.042	1989	1991	1993	rBV2	328	321	0.20%	0.044%
85	14.151	2004	2009	2011	rVB2	232	335	0.21%	0.046%
86	14.194	2014	2016	2020	rVV	240	307	0.20%	0.042%
87	14.286	2028	2031	2033	rVB	256	221	0.14%	0.030%
88	14.432	2053	2055	2056	rVB	280	179	0.11%	0.025%
89	14.468	2056	2061	2062	rBV2	255	416	0.27%	0.057%
90	14.536	2071	2072	2074	rBV2	235	203	0.13%	0.028%
91	14.597	2079	2082	2085	rBV	228	233	0.15%	0.032%
92	14.749	2105	2107	2110	rVB2	303	194	0.12%	0.027%
93	15.060	2155	2158	2159	rBV2	201	176	0.11%	0.024%
94	15.584	2242	2244	2247	rBV2	187	253	0.16%	0.035%
95	15.639	2249	2253	2256	rBV	275	419	0.27%	0.057%
96	15.810	2279	2281	2283	rBV	235	192	0.12%	0.026%
97	15.932	2299	2301	2304	rBV2	218	185	0.12%	0.025%
98	15.962	2304	2306	2308	rBV	308	257	0.16%	0.035%
99	16.145	2335	2336	2338	rBV	284	222	0.14%	0.030%
100	16.608	2410	2412	2414	rBV	222	199	0.13%	0.027%

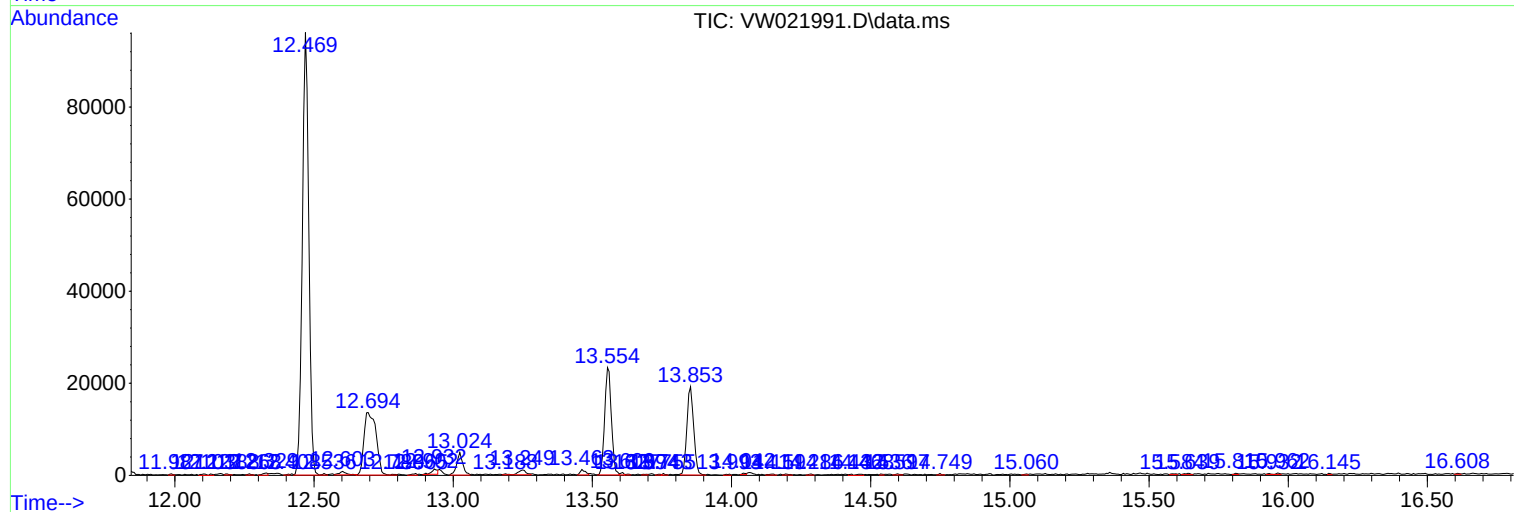
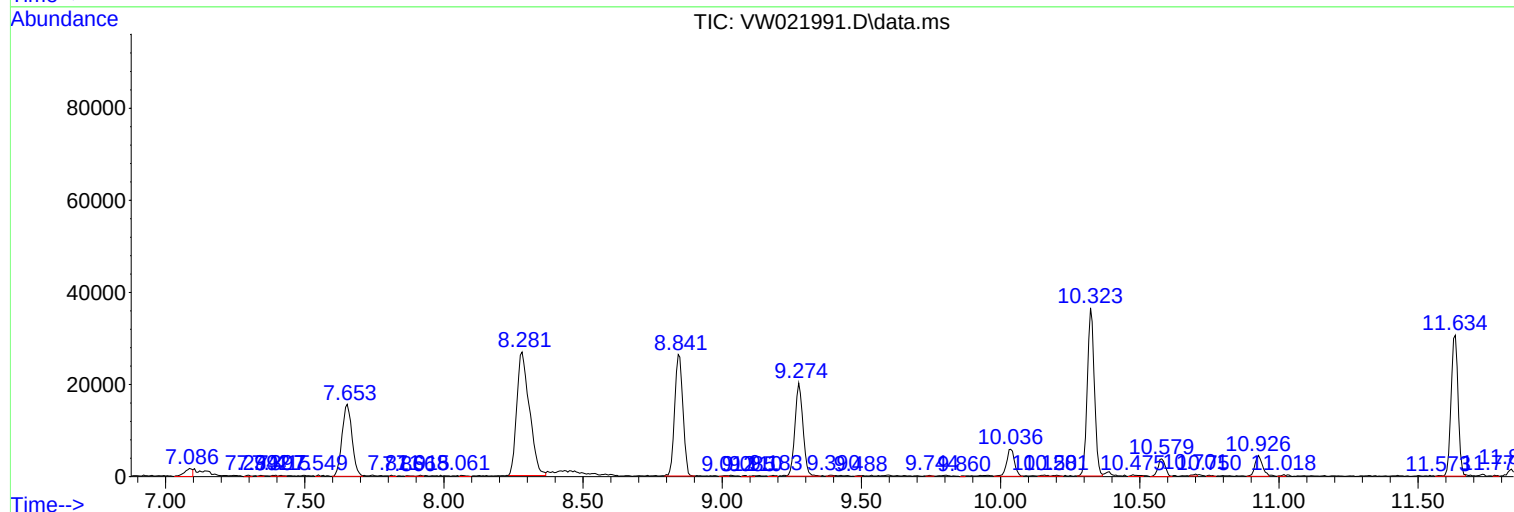
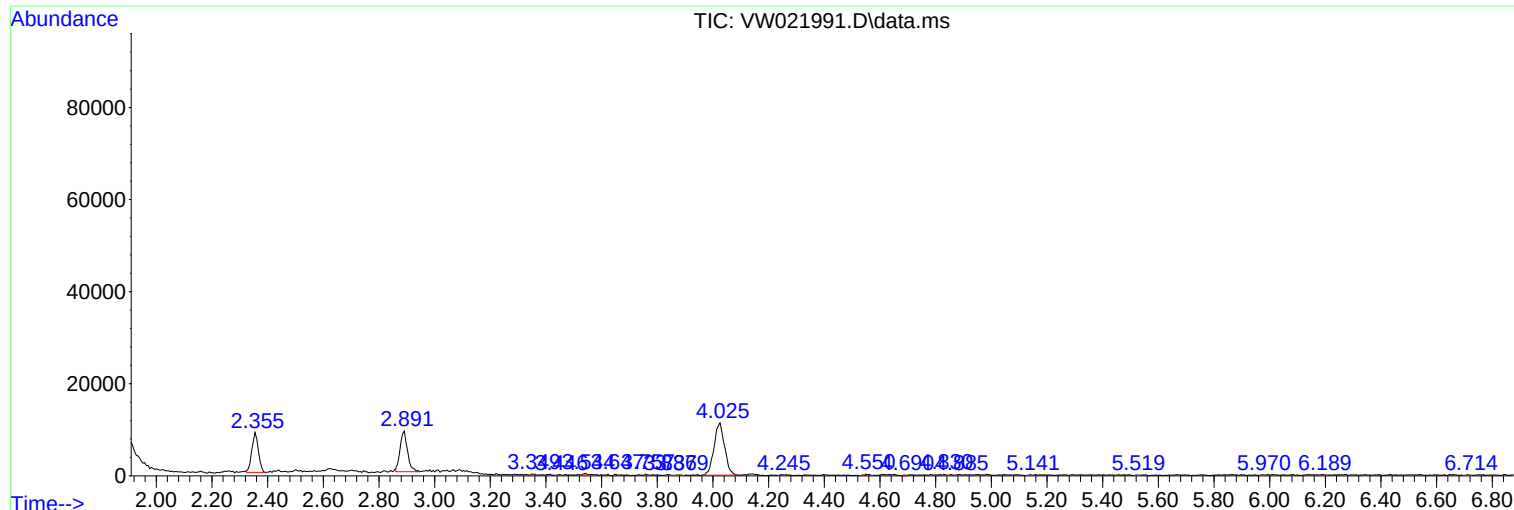
Sum of corrected areas: 730440

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

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



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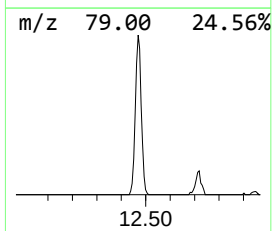
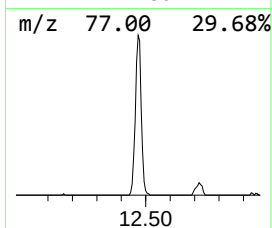
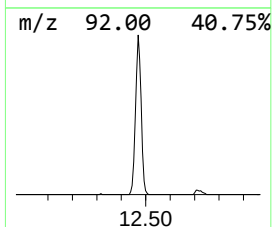
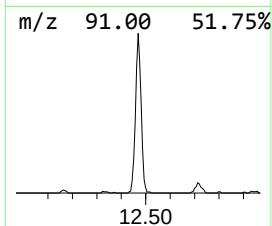
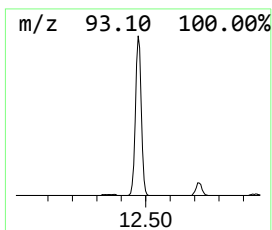
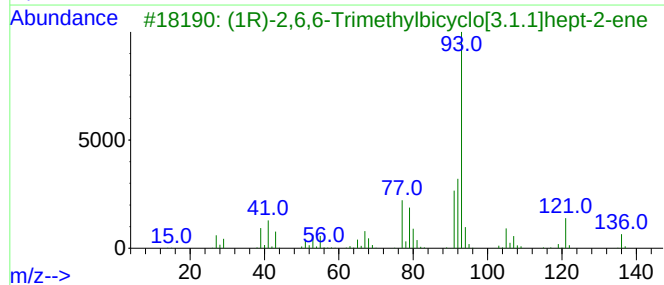
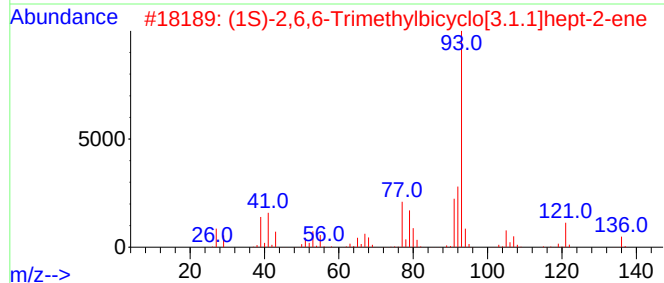
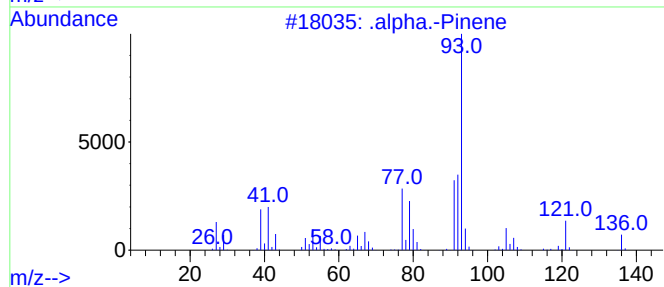
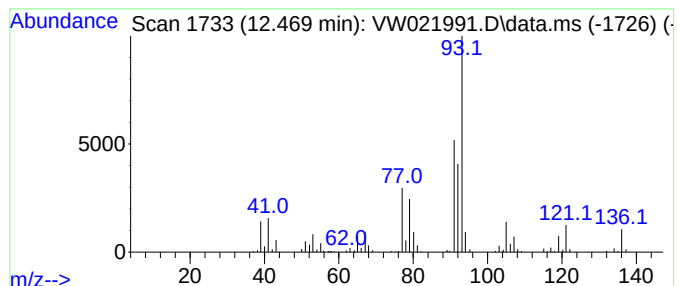
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
Quant Title : SFAM01.0

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.
12.469	73.22 ug/L	156793	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.		.alpha.-Pinene	136	C10H16	000080-56-8	97
2	(1S)-2,6,6-Trimethylbicyclo[3.1....			136	C10H16	007785-26-4	95
3	(1R)-2,6,6-Trimethylbicyclo[3.1....			136	C10H16	007785-70-8	95
4	.		.alpha.-Pinene	136	C10H16	000080-56-8	94
5	.		.alpha.-Pinene	136	C10H16	000080-56-8	94



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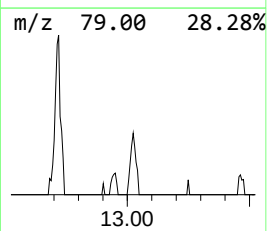
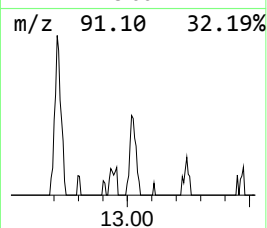
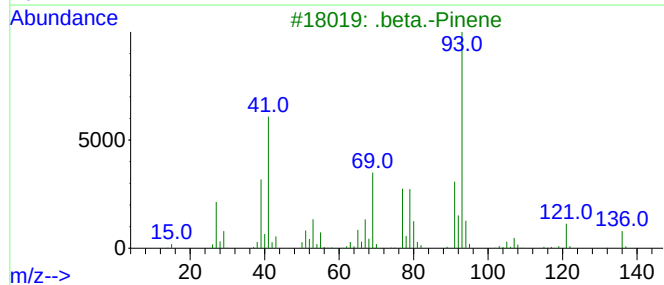
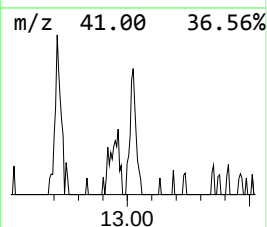
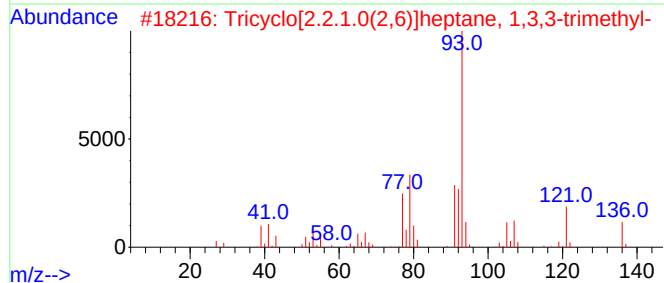
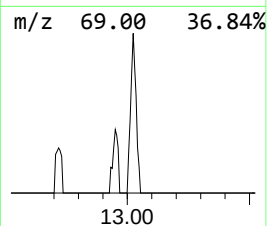
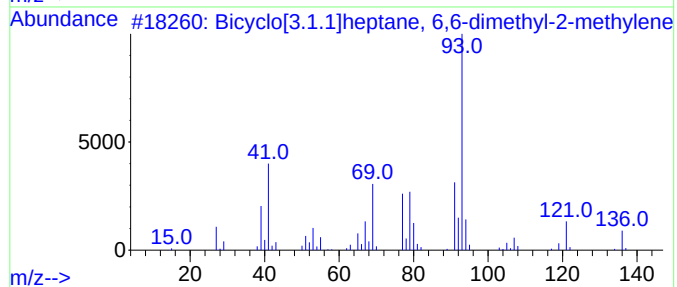
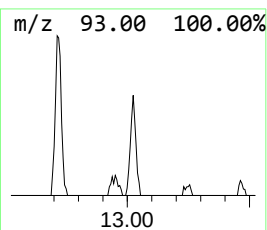
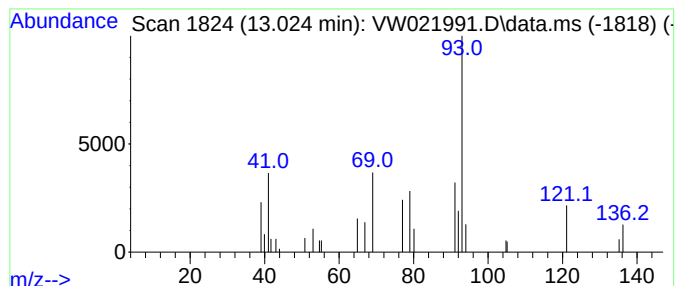
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.024	4.76 ug/L	7354	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	91
2			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	91
3			.beta.-Pinene	136	C10H16	000127-91-3	90
4			3-Carene	136	C10H16	013466-78-9	90
5			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	90



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	12.469	73.2	ug/L	156793	2	11.634	53536	25.0
Bicyclo[3.1.1]h...	13.024	4.8	ug/L	7354	3	13.560	38598	25.0