

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091123\
 Data File : VW027039.D
 Acq On : 11 Sep 2023 19:12
 Operator : SY/MD
 Sample : 04332-21
 Misc : 3.52g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AG9

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\SFAMWLM090523SMA.M
 Title : SFAM01.0

Signal : TIC: VW027039.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.222	50	55	57	rBV6	9482	17109	0.80%	0.112%
2	2.363	72	78	89	rBV	74376	215411	10.08%	1.416%
3	2.893	158	165	178	rBV2	82268	249010	11.65%	1.637%
4	3.302	230	232	234	rBV3	1634	1620	0.08%	0.011%
5	3.387	240	246	252	rBV9	4302	9156	0.43%	0.060%
6	3.533	265	270	282	rVB	17594	47824	2.24%	0.314%
7	3.704	294	298	300	rBV4	2067	2966	0.14%	0.020%
8	4.015	336	349	364	rBV2	153179	561491	26.27%	3.692%
9	4.393	402	411	416	rBV2	7713	21975	1.03%	0.144%
10	4.576	439	441	444	rBV4	2490	2864	0.13%	0.019%
11	4.661	454	455	461	rVV6	1951	3058	0.14%	0.020%
12	4.795	475	477	479	rBV3	1452	1684	0.08%	0.011%
13	4.923	488	498	506	rBV3	19929	75037	3.51%	0.493%
14	5.076	520	523	525	rBV4	3053	3853	0.18%	0.025%
15	5.118	527	530	533	rVV5	2725	4239	0.20%	0.028%
16	5.295	555	559	561	rVB5	2257	2871	0.13%	0.019%
17	5.405	573	577	580	rBV6	1755	2608	0.12%	0.017%
18	5.478	588	589	593	rVB4	2149	1885	0.09%	0.012%
19	5.521	593	596	597	rBV3	2175	2173	0.10%	0.014%
20	5.746	629	633	634	rBV4	1925	2505	0.12%	0.016%
21	5.765	634	636	642	rVB7	2039	2541	0.12%	0.017%
22	5.893	654	657	658	rBV3	1440	1636	0.08%	0.011%
23	5.941	658	665	674	rVB3	7713	23000	1.08%	0.151%
24	6.563	764	767	770	rBV5	2005	2188	0.10%	0.014%
25	6.844	810	813	814	rBV3	2385	2559	0.12%	0.017%
26	6.898	818	822	823	rBV4	1620	2016	0.09%	0.013%
27	6.929	823	827	830	rVB6	1899	2038	0.10%	0.013%
28	7.081	845	852	853	rBV	31839	53964	2.52%	0.355%
29	7.142	855	862	876	rVV2	124333	361914	16.93%	2.380%
30	7.356	895	897	901	rVB5	1860	1853	0.09%	0.012%
31	7.423	904	908	910	rBV5	1634	1890	0.09%	0.012%
32	7.478	915	917	919	rBV3	1658	1772	0.08%	0.012%
33	7.539	926	927	932	rBV5	1340	2059	0.10%	0.014%
34	7.648	934	945	958	rBV	383444	926405	43.34%	6.091%
35	7.874	980	982	983	rBV2	1780	1670	0.08%	0.011%
36	8.093	1014	1018	1019	rVB4	1682	1797	0.08%	0.012%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
 Title : SFAM01.0

37	8.276	1035	1048	1066	rBV2	717792	2137491	100.00%	14.055%
38	8.398	1066	1068	1070	rVV3	3864	3988	0.19%	0.026%
39	8.599	1097	1101	1104	rBV6	2388	2644	0.12%	0.017%
40	8.697	1112	1117	1118	rBV5	1928	3085	0.14%	0.020%
41	8.843	1129	1141	1155	rBV	837549	1654230	77.39%	10.877%
42	9.020	1168	1170	1175	rBV6	1431	2104	0.10%	0.014%
43	9.075	1175	1179	1184	rBV8	3176	5863	0.27%	0.039%
44	9.276	1201	1212	1222	rBV	488879	1020079	47.72%	6.707%
45	9.514	1248	1251	1252	rBV3	2565	2288	0.11%	0.015%
46	9.666	1270	1276	1279	rBV7	4199	8074	0.38%	0.053%
47	9.880	1308	1311	1312	rBV3	2263	2260	0.11%	0.015%
48	9.977	1326	1327	1329	rVV2	2486	2049	0.10%	0.013%
49	10.032	1329	1336	1346	rVB	108701	202753	9.49%	1.333%
50	10.325	1375	1384	1400	rBV	858988	1480906	69.28%	9.738%
51	10.575	1419	1425	1434	rVB2	81659	144140	6.74%	0.948%
52	10.697	1440	1445	1453	rBV	33135	60478	2.83%	0.398%
53	10.849	1462	1470	1474	rBV10	5036	13020	0.61%	0.086%
54	10.922	1477	1482	1494	rBV2	67140	142743	6.68%	0.939%
55	11.062	1501	1505	1512	rVB2	17323	27179	1.27%	0.179%
56	11.178	1519	1524	1528	rVB8	4278	6346	0.30%	0.042%
57	11.257	1534	1537	1540	rVB5	1531	1882	0.09%	0.012%
58	11.331	1547	1549	1551	rVV3	2463	2579	0.12%	0.017%
59	11.434	1558	1566	1573	rVV4	12196	28392	1.33%	0.187%
60	11.538	1580	1583	1585	rBV3	2424	3235	0.15%	0.021%
61	11.629	1590	1598	1608	rBV	1030064	1724594	80.68%	11.340%
62	11.952	1649	1651	1655	rVB4	2826	2562	0.12%	0.017%
63	12.013	1655	1661	1664	rBV7	2125	3793	0.18%	0.025%
64	12.148	1680	1683	1685	rBV4	2597	2470	0.12%	0.016%
65	12.239	1695	1698	1700	rVB4	1606	1652	0.08%	0.011%
66	12.282	1703	1705	1706	rBV2	2316	2182	0.10%	0.014%
67	12.361	1714	1718	1726	rVB6	9717	19891	0.93%	0.131%
68	12.471	1729	1736	1744	rBV	200068	336648	15.75%	2.214%
69	12.605	1752	1758	1763	rVB	50111	84166	3.94%	0.553%
70	12.690	1765	1772	1774	rBV	453536	723012	33.83%	4.754%
71	12.928	1807	1811	1812	rBV4	5778	6676	0.31%	0.044%
72	13.025	1819	1827	1833	rBV2	131985	230692	10.79%	1.517%
73	13.074	1833	1835	1840	rVB6	5297	7476	0.35%	0.049%
74	13.117	1840	1842	1845	rVB4	2325	2431	0.11%	0.016%
75	13.288	1866	1870	1875	rBV7	7704	10935	0.51%	0.072%
76	13.361	1878	1882	1886	rVB7	4153	5667	0.27%	0.037%

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 Title : SFAM01.0

77	13.464	1894	1899	1903	rBV2	35930	63291	2.96%	0.416%
78	13.556	1908	1914	1927	rVB	845877	1322141	61.85%	8.694%
79	13.848	1956	1962	1969	rBV	523252	865707	40.50%	5.692%
80	14.001	1982	1987	1991	rVB6	5105	9812	0.46%	0.065%
81	14.062	1991	1997	2003	rBV2	25684	42209	1.97%	0.278%
82	14.293	2032	2035	2036	rBV3	2253	2620	0.12%	0.017%
83	14.489	2065	2067	2069	rVV3	2153	2193	0.10%	0.014%
84	14.714	2101	2104	2108	rVB6	7145	11207	0.52%	0.074%
85	14.812	2119	2120	2127	rBV7	1289	2365	0.11%	0.016%
86	15.062	2153	2161	2168	rBV5	16500	39946	1.87%	0.263%
87	15.366	2208	2211	2214	rVV5	2018	2990	0.14%	0.020%
88	15.427	2214	2221	2227	rVV3	30490	51476	2.41%	0.338%
89	15.543	2237	2240	2244	rVB5	4055	5921	0.28%	0.039%
90	15.738	2270	2272	2273	rBV2	2435	1986	0.09%	0.013%
91	15.787	2278	2280	2283	rVV4	3636	4470	0.21%	0.029%
92	15.836	2286	2288	2293	rVV6	2244	3307	0.15%	0.022%
93	15.897	2296	2298	2301	rBV4	2292	2731	0.13%	0.018%
94	16.031	2314	2320	2326	rVB4	8134	19831	0.93%	0.130%
95	16.263	2357	2358	2361	rVB3	2210	1667	0.08%	0.011%
96	16.324	2366	2368	2370	rBV3	1966	2229	0.10%	0.015%
97	16.458	2389	2390	2392	rBV2	2606	2465	0.12%	0.016%
98	16.567	2406	2408	2410	rBV3	1669	2106	0.10%	0.014%
99	16.635	2415	2419	2421	rBV5	2453	2597	0.12%	0.017%
100	16.744	2435	2437	2438	rBV2	1920	1634	0.08%	0.011%

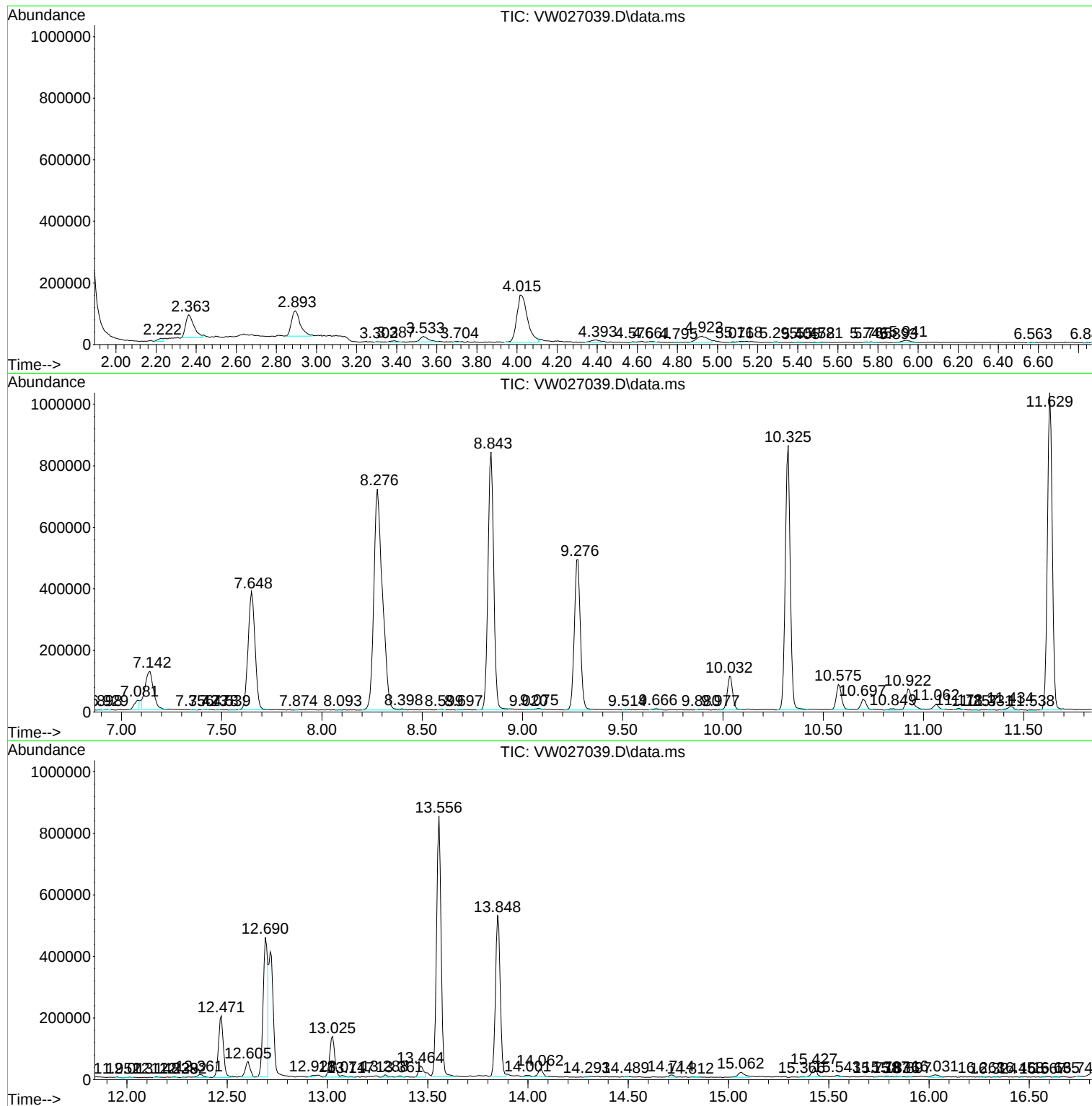
Sum of corrected areas: 15208197

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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



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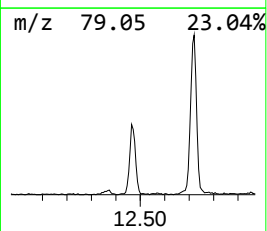
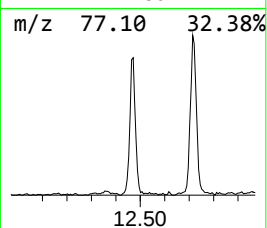
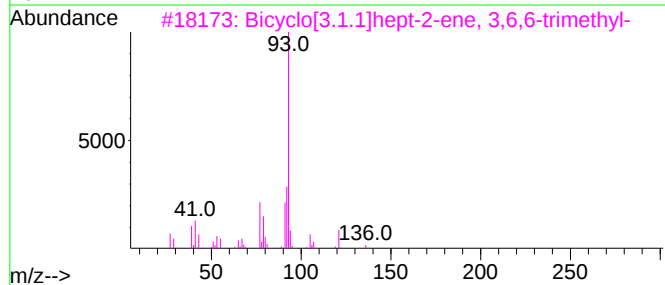
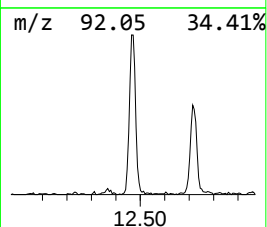
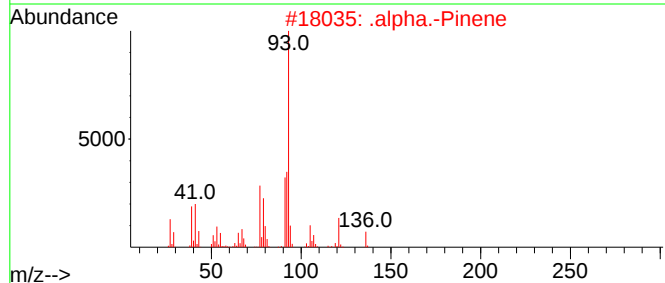
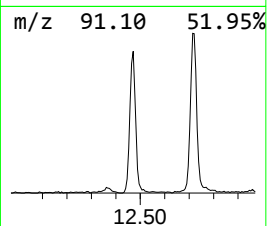
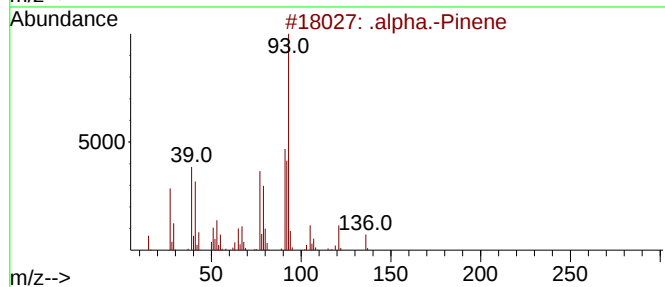
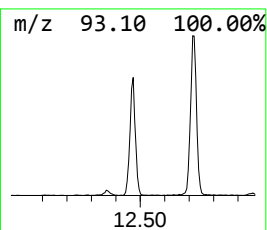
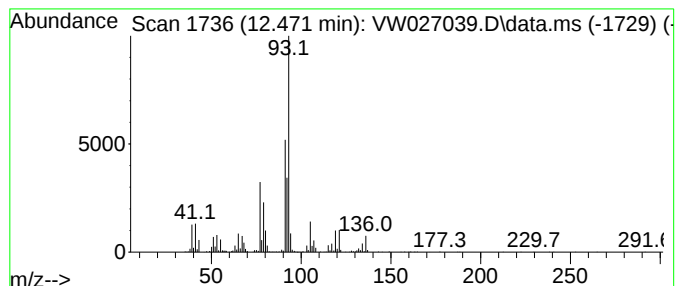
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0

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

Peak Number 3 .alpha.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.471	4.88 ug/L	336648	Chlorobenzene-d5	11.629

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	.alpha.-Pinene	136	C10H16	000080-56-8	93	
2	.	.alpha.-Pinene	136	C10H16	000080-56-8	93	
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	90		
4	.	.alpha.-Pinene	136	C10H16	000080-56-8	90	
5	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	90		



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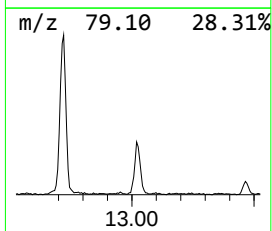
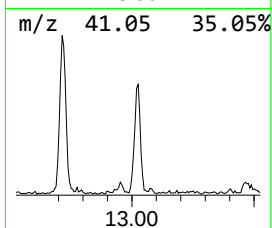
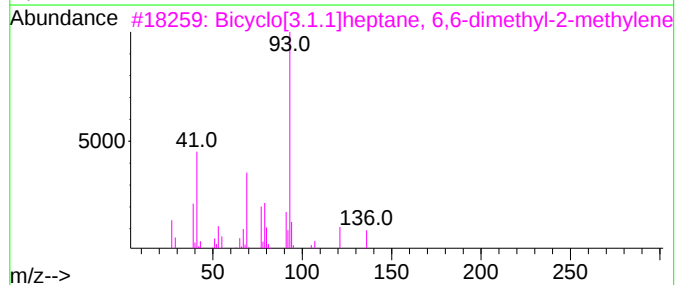
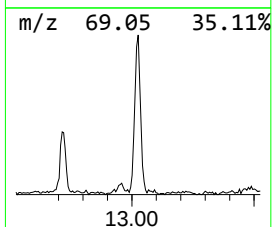
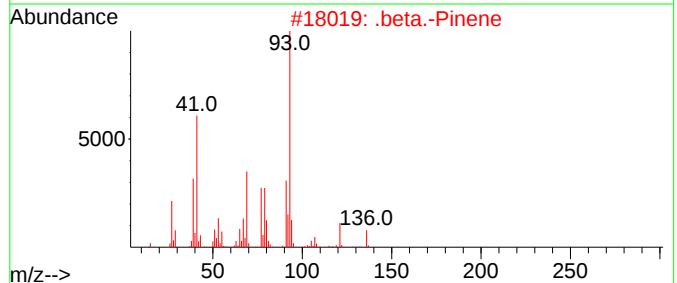
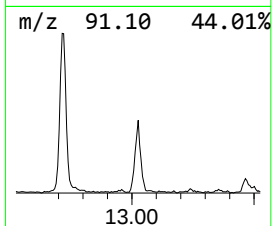
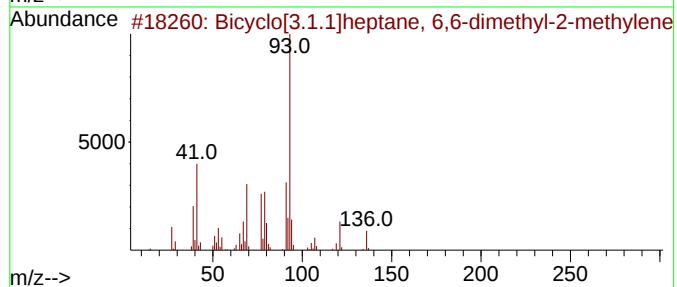
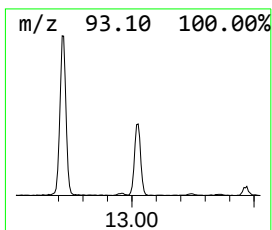
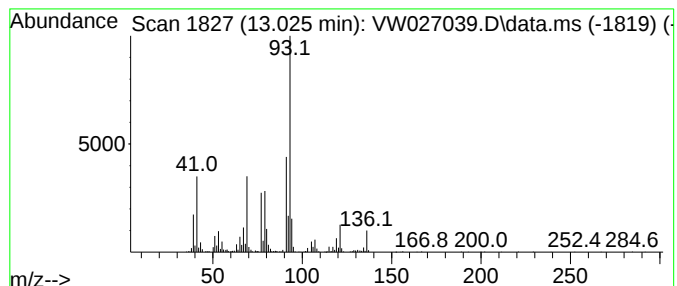
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.025	4.36 ug/L	230692	1,4-Dichlorobenzene-d4	13.556

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	94
3			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	93
4			3-Carene	136	C10H16	013466-78-9	91
5			Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	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	12.471	4.9	ug/L	336648	2	11.629	1724590	25.0
Bicyclo[3.1.1]h...	13.025	4.4	ug/L	230692	3	13.556	1322140	25.0