

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111320\
 Data File : VW017213.D
 Acq On : 13 Nov 2020 15:26
 Operator : SY/VA
 Sample : L4710-03
 Misc : 4.72G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AW8

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.355	68	74	86	rVB	106677	199925	14.98%	2.266%
2	2.891	155	162	177	rVB	77783	190481	14.27%	2.159%
3	3.245	218	220	221	rBV	375	266	0.02%	0.003%
4	3.391	238	244	253	rVB3	1081	2720	0.20%	0.031%
5	3.507	261	263	265	rBV	338	390	0.03%	0.004%
6	3.714	295	297	298	rBV	386	296	0.02%	0.003%
7	3.733	298	300	302	rVV2	278	217	0.02%	0.002%
8	3.842	315	318	320	rBV2	207	250	0.02%	0.003%
9	3.916	327	330	333	rBV	200	325	0.02%	0.004%
10	4.019	335	347	360	rBV	175538	514764	38.57%	5.834%
11	4.208	373	378	387	rVB3	6902	17418	1.31%	0.197%
12	4.306	392	394	396	rBV2	252	289	0.02%	0.003%
13	4.397	401	409	422	rBV	6929	23280	1.74%	0.264%
14	4.611	443	444	449	rVB3	250	407	0.03%	0.005%
15	4.647	449	450	451	rBV	357	184	0.01%	0.002%
16	4.921	481	495	509	rBV2	23385	80047	6.00%	0.907%
17	5.110	519	526	527	rBV3	462	803	0.06%	0.009%
18	5.330	559	562	563	rBV	306	238	0.02%	0.003%
19	5.379	568	570	573	rVV2	263	331	0.02%	0.004%
20	5.421	575	577	581	rVV3	483	577	0.04%	0.007%
21	5.470	582	585	587	rVB2	332	353	0.03%	0.004%
22	5.708	622	624	627	rVB2	326	269	0.02%	0.003%
23	5.781	628	636	645	rVB8	1106	3304	0.25%	0.037%
24	5.952	652	664	674	rBV2	5952	17900	1.34%	0.203%
25	6.037	676	678	680	rBV	174	180	0.01%	0.002%
26	6.281	715	718	720	rBV2	499	392	0.03%	0.004%
27	6.299	720	721	724	rVV2	293	250	0.02%	0.003%
28	6.330	724	726	729	rVV	245	248	0.02%	0.003%
29	6.421	737	741	743	rBV2	162	222	0.02%	0.003%
30	6.793	801	802	804	rBV2	265	193	0.01%	0.002%
31	6.872	811	815	817	rBV2	270	448	0.03%	0.005%
32	7.000	830	836	837	rBV2	463	518	0.04%	0.006%
33	7.025	837	840	841	rVB	322	215	0.02%	0.002%
34	7.080	841	849	853	rBV	19348	49049	3.68%	0.556%

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 Title : VOC Analysis

35	7.653	931	943	957	rBV	239218	590668	44.26%	6.695%
36	8.000	998	1000	1004	rVB2	204	205	0.02%	0.002%
37	8.067	1007	1011	1012	rVV2	179	198	0.01%	0.002%
38	8.159	1023	1026	1030	rBV3	275	347	0.03%	0.004%
39	8.281	1032	1046	1063	rVV2	459770	1334653	100.00%	15.127%
40	8.506	1081	1083	1084	rBV2	309	269	0.02%	0.003%
41	8.524	1084	1086	1087	rBV	235	176	0.01%	0.002%
42	8.695	1109	1114	1122	rBV6	1027	2127	0.16%	0.024%
43	8.841	1129	1138	1153	rBV	482221	938211	70.30%	10.634%
44	9.079	1170	1177	1183	rVB6	2170	3876	0.29%	0.044%
45	9.274	1199	1209	1219	rBV	289577	586970	43.98%	6.653%
46	9.530	1247	1251	1252	rBV2	226	355	0.03%	0.004%
47	9.658	1268	1272	1273	rBV2	672	701	0.05%	0.008%
48	9.725	1281	1283	1285	rBV3	230	219	0.02%	0.002%
49	9.762	1285	1289	1295	rBV6	672	1601	0.12%	0.018%
50	9.896	1306	1311	1317	rVB6	2316	4922	0.37%	0.056%
51	10.036	1326	1334	1345	rVV2	126629	229549	17.20%	2.602%
52	10.213	1358	1363	1367	rBV2	1764	3092	0.23%	0.035%
53	10.250	1367	1369	1374	rVB3	836	1157	0.09%	0.013%
54	10.329	1374	1382	1389	rBV	617130	1116599	83.66%	12.656%
55	10.579	1416	1423	1436	rVB	76074	134118	10.05%	1.520%
56	10.707	1436	1444	1452	rBV2	34849	63452	4.75%	0.719%
57	10.768	1452	1454	1458	rBV3	627	915	0.07%	0.010%
58	10.926	1474	1480	1493	rBV2	70048	137070	10.27%	1.554%
59	11.067	1498	1503	1513	rVB	19415	32676	2.45%	0.370%
60	11.176	1518	1521	1524	rBV4	744	1019	0.08%	0.012%
61	11.262	1534	1535	1537	rBV2	412	233	0.02%	0.003%
62	11.323	1543	1545	1547	rBV3	493	474	0.04%	0.005%
63	11.372	1551	1553	1555	rVB2	471	333	0.02%	0.004%
64	11.439	1556	1564	1570	rBV2	22166	38155	2.86%	0.432%
65	11.536	1578	1580	1582	rBV2	364	243	0.02%	0.003%
66	11.634	1588	1596	1607	rBV	525291	870858	65.25%	9.870%
67	11.847	1624	1631	1637	rVB4	1429	2880	0.22%	0.033%
68	11.932	1643	1645	1647	rBV	261	213	0.02%	0.002%
69	12.006	1656	1657	1660	rBV2	282	181	0.01%	0.002%
70	12.036	1660	1662	1665	rBV	119	177	0.01%	0.002%
71	12.170	1679	1684	1685	rBV3	1134	1471	0.11%	0.017%

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72	12.335	1707	1711	1716	rVB4	1541	2164	0.16%	0.025%
73	12.402	1719	1722	1724	rVB	210	204	0.02%	0.002%
74	12.475	1727	1734	1741	rVB	26004	45234	3.39%	0.513%
75	12.524	1741	1742	1748	rBV2	231	287	0.02%	0.003%
76	12.609	1748	1756	1763	rBV	108237	173902	13.03%	1.971%
77	12.694	1763	1770	1777	rBV	154258	247683	18.56%	2.807%
78	12.865	1794	1798	1802	rBV4	605	1228	0.09%	0.014%
79	12.938	1803	1810	1819	rVV2	44609	78972	5.92%	0.895%
80	13.030	1820	1825	1830	rVV3	6500	11867	0.89%	0.135%
81	13.079	1830	1833	1837	rVV3	1004	1495	0.11%	0.017%
82	13.164	1842	1847	1848	rBV2	1510	2175	0.16%	0.025%
83	13.213	1849	1855	1863	rVB7	7003	17208	1.29%	0.195%
84	13.298	1863	1869	1874	rVB2	29137	46282	3.47%	0.525%
85	13.371	1876	1881	1883	rBV3	1478	2790	0.21%	0.032%
86	13.408	1884	1887	1894	rVB	8272	12654	0.95%	0.143%
87	13.469	1894	1897	1901	rBV5	1722	2986	0.22%	0.034%
88	13.560	1906	1912	1918	rBV	282702	456426	34.20%	5.173%
89	13.713	1935	1937	1941	rBV5	1825	1941	0.15%	0.022%
90	13.761	1941	1945	1949	rBV3	4651	7375	0.55%	0.084%
91	13.853	1954	1960	1967	rBV	235431	398667	29.87%	4.519%
92	14.072	1990	1996	2004	rVB2	41121	64352	4.82%	0.729%
93	14.200	2013	2017	2021	rVB2	2442	3066	0.23%	0.035%
94	14.304	2030	2034	2040	rBV8	2057	4841	0.36%	0.055%
95	14.517	2067	2069	2074	rVB2	700	825	0.06%	0.009%
96	14.658	2090	2092	2096	rVB3	1271	997	0.07%	0.011%
97	14.725	2099	2103	2110	rVB3	4682	7182	0.54%	0.081%
98	14.938	2136	2138	2140	rVB3	457	286	0.02%	0.003%
99	15.438	2216	2220	2225	rVB	13061	19703	1.48%	0.223%
100	15.773	2270	2275	2277	rBV5	1615	2973	0.22%	0.034%

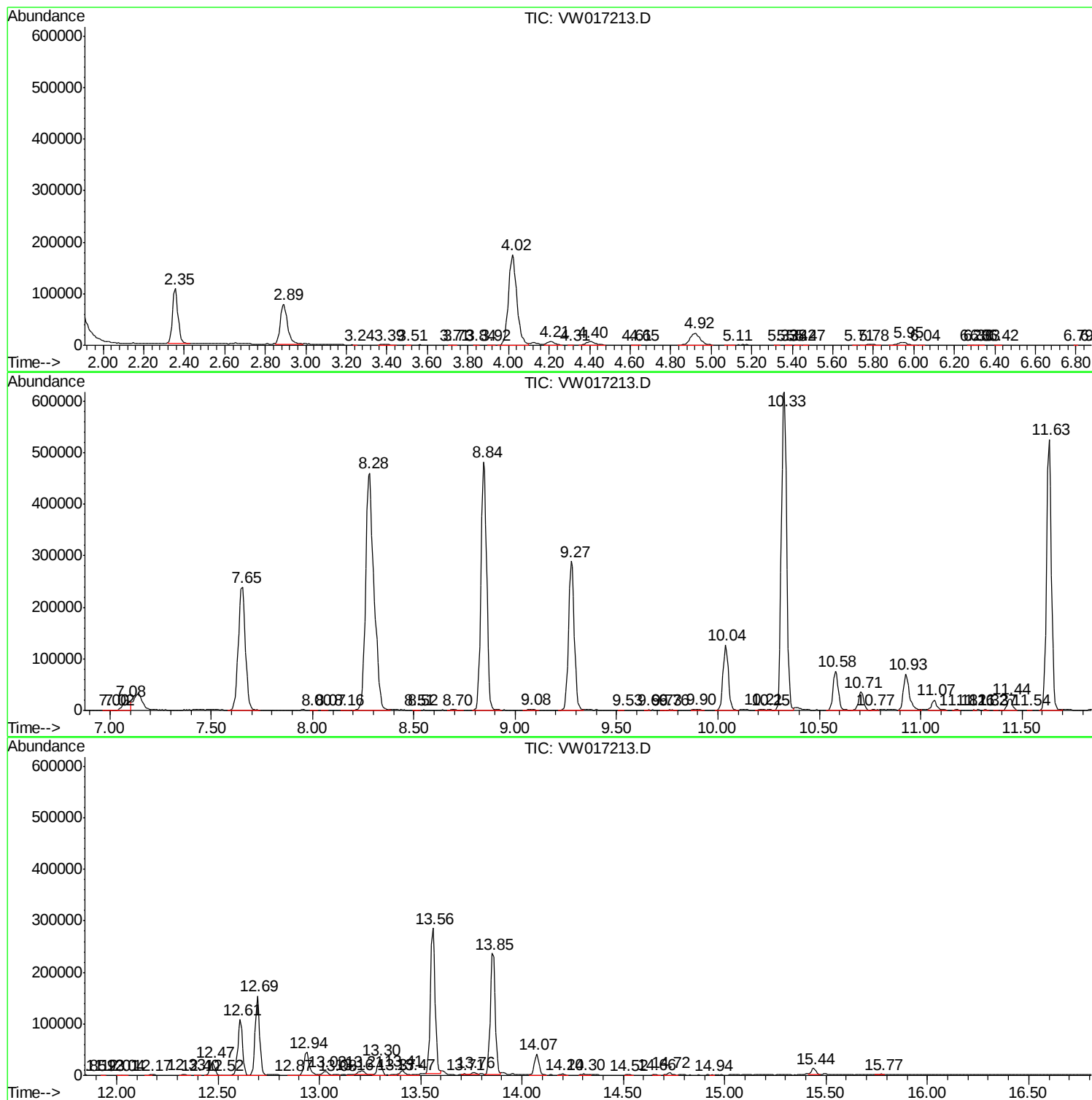
Sum of corrected areas: 8822877

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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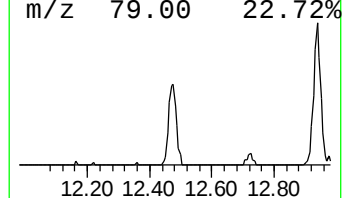
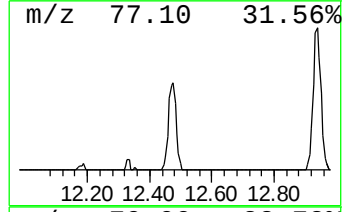
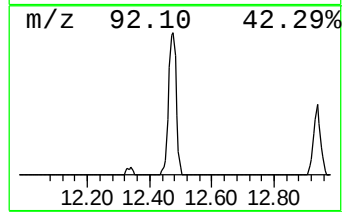
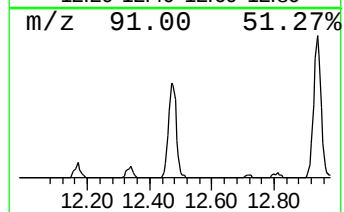
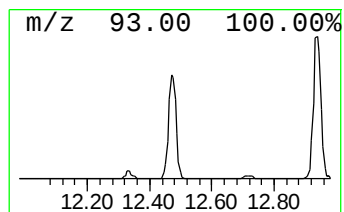
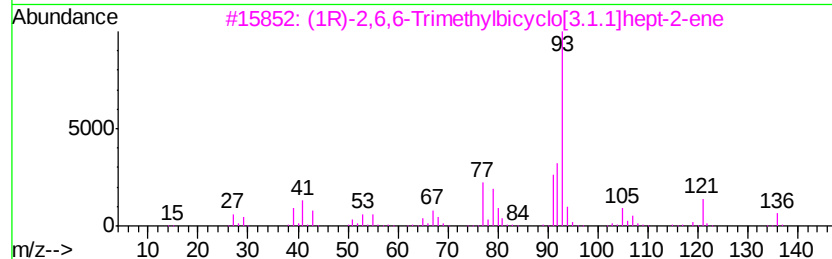
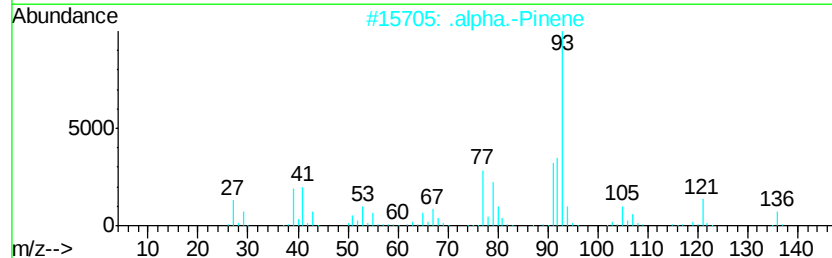
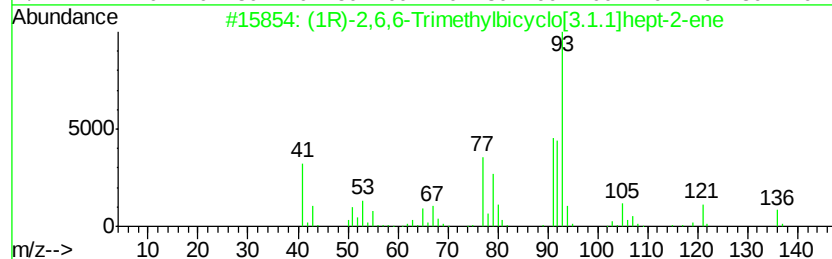
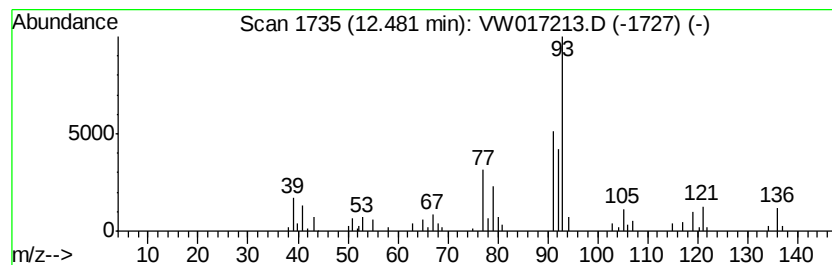
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	1.30 ug/L	45234	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	97
2		.alpha.-Pinene	136	C10H16	000080-56-8	97
3		(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	94
4		Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	94
5		.alpha.-Pinene	136	C10H16	000080-56-8	93



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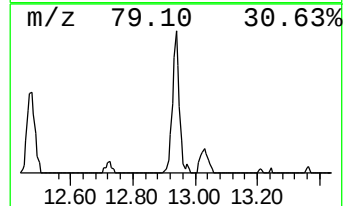
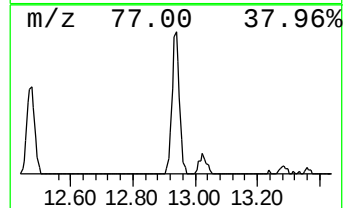
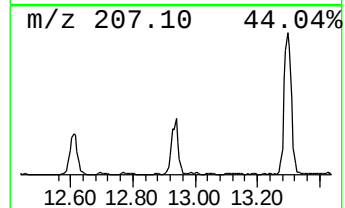
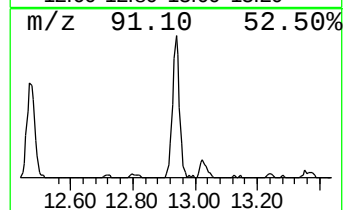
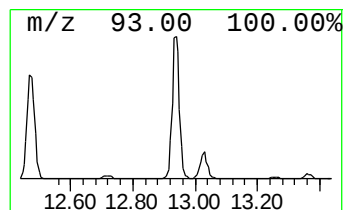
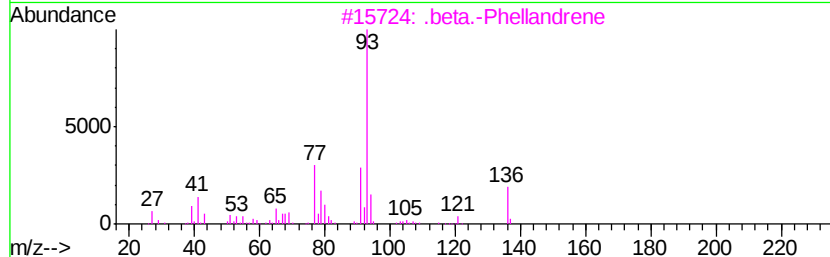
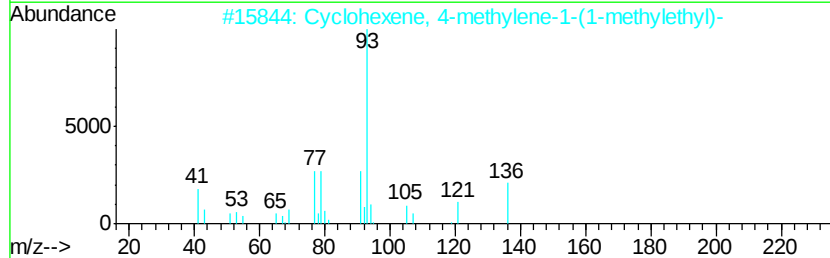
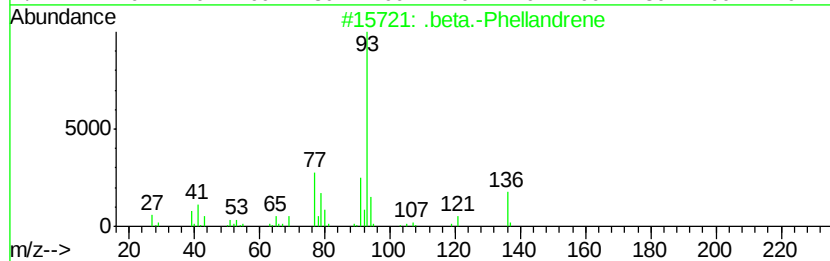
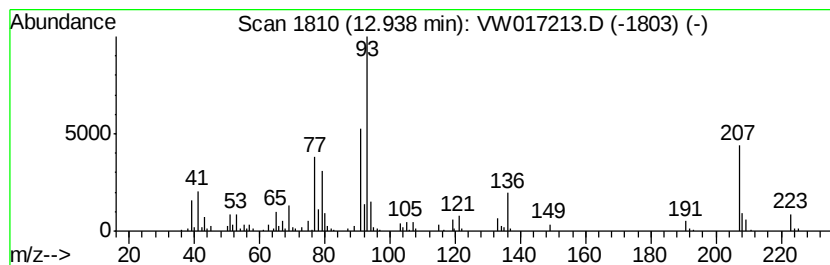
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 .beta.-Phellandrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	4.33 ug/L	78972	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-Phellandrene	136 C10H16	000555-10-2 70
2		Cyclohexene, 4-methylene-1-(1-me...	136 C10H16	000099-84-3 64
3		.beta.-Phellandrene	136 C10H16	000555-10-2 62
4		Bicyclo[3.1.0]hexane, 4-methylen...	136 C10H16	003387-41-5 58
5		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136 C10H16	000508-32-7 58



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(1R)-2,6,6-Trimet...	12.48	1.3	ug/L	45234	2	11.63	870858	25.0
.beta.-Phellandrene	12.94	4.3	ug/L	78972	3	13.56	456426	25.0