

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052019\
 Data File : VV010994.D
 Acq On : 21 May 2019 10:59
 Operator : SY/MD
 Sample : K2846-21
 Misc : 4.21G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFHA3

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_V\METHOD\SOM2VLM052019S.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	1.315	65	70	79	rVB	48386	46979	11.55%	1.569%
2	1.566	142	148	158	rVB	35720	38389	9.44%	1.282%
3	2.123	311	321	333	rBV	79430	110874	27.26%	3.703%
4	2.528	439	447	457	rVB4	5082	7296	1.79%	0.244%
5	3.068	609	615	619	rBV5	903	1031	0.25%	0.034%
6	3.119	628	631	633	rBV	181	153	0.04%	0.005%
7	3.161	641	644	648	rBV2	239	198	0.05%	0.007%
8	3.222	660	663	666	rBV2	286	244	0.06%	0.008%
9	3.566	767	770	771	rBV	132	72	0.02%	0.002%
10	3.608	779	783	787	rBV2	155	172	0.04%	0.006%
11	3.724	816	819	822	rBV	143	144	0.04%	0.005%
12	3.749	822	827	830	rBV2	261	290	0.07%	0.010%
13	3.936	875	885	911	rBV2	15164	39564	9.73%	1.321%
14	4.206	967	969	971	rBV	183	128	0.03%	0.004%
15	4.232	975	977	981	rBV2	160	104	0.03%	0.003%
16	4.399	1011	1029	1054	rBV3	63398	180376	44.35%	6.024%
17	4.737	1132	1134	1137	rBV	261	157	0.04%	0.005%
18	4.749	1137	1138	1141	rVB2	239	91	0.02%	0.003%
19	4.766	1141	1143	1145	rVB	255	123	0.03%	0.004%
20	4.791	1145	1151	1155	rBV2	145	218	0.05%	0.007%
21	4.881	1177	1179	1182	rBV2	160	122	0.03%	0.004%
22	4.949	1197	1200	1204	rVB2	265	208	0.05%	0.007%
23	4.981	1204	1210	1215	rBV2	245	278	0.07%	0.009%
24	5.007	1215	1218	1220	rBV	169	123	0.03%	0.004%
25	5.026	1222	1224	1226	rBV	189	75	0.02%	0.003%
26	5.090	1226	1244	1264	rBV2	167639	406742	100.00%	13.585%
27	5.299	1306	1309	1310	rBV	301	171	0.04%	0.006%
28	5.409	1341	1343	1345	rBV	197	123	0.03%	0.004%
29	5.450	1352	1356	1357	rBV2	116	81	0.02%	0.003%
30	5.479	1361	1365	1368	rBV2	279	228	0.06%	0.008%
31	5.611	1401	1406	1408	rBV	241	205	0.05%	0.007%
32	5.659	1408	1421	1439	rBV2	137503	278005	68.35%	9.285%
33	5.949	1502	1511	1516	rBV3	1280	1663	0.41%	0.056%
34	5.987	1520	1523	1524	rBV	222	134	0.03%	0.004%

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 Title : VOC Analysis

35	6.007	1524	1529	1530	rBV2	955	770	0.19%	0.026%
36	6.116	1549	1563	1580	rBV	95458	195240	48.00%	6.521%
37	6.257	1602	1607	1609	rBV2	308	270	0.07%	0.009%
38	6.293	1616	1618	1622	rVB	225	145	0.04%	0.005%
39	6.312	1622	1624	1626	rBV	124	91	0.02%	0.003%
40	6.415	1654	1656	1659	rVV	197	131	0.03%	0.004%
41	6.454	1663	1668	1671	rBV2	247	287	0.07%	0.010%
42	6.550	1695	1698	1700	rBV	193	109	0.03%	0.004%
43	6.569	1700	1704	1706	rBV2	162	131	0.03%	0.004%
44	6.605	1711	1715	1716	rBV	157	133	0.03%	0.004%
45	6.656	1727	1731	1734	rBV2	293	261	0.06%	0.009%
46	6.698	1740	1744	1746	rBV2	479	400	0.10%	0.013%
47	6.756	1756	1762	1764	rBV2	157	111	0.03%	0.004%
48	6.788	1769	1772	1773	rBV	134	95	0.02%	0.003%
49	6.814	1775	1780	1784	rBV3	459	521	0.13%	0.017%
50	6.945	1818	1821	1823	rBV2	161	112	0.03%	0.004%
51	7.029	1836	1847	1867	rVV	44614	78110	19.20%	2.609%
52	7.161	1886	1888	1890	rVB2	344	137	0.03%	0.005%
53	7.174	1890	1892	1896	rVB	293	170	0.04%	0.006%
54	7.193	1896	1898	1901	rBV	283	196	0.05%	0.007%
55	7.357	1936	1949	1968	rBV	179578	317215	77.99%	10.594%
56	7.605	2022	2026	2029	rBV2	279	162	0.04%	0.005%
57	7.621	2029	2031	2033	rBV	173	126	0.03%	0.004%
58	7.662	2034	2044	2057	rVV	28593	47187	11.60%	1.576%
59	7.749	2066	2071	2072	rBB	30	83	0.02%	0.003%
60	7.814	2086	2091	2094	rBV3	388	379	0.09%	0.013%
61	7.884	2108	2113	2115	rBV2	263	221	0.05%	0.007%
62	8.055	2163	2166	2169	rBV	289	192	0.05%	0.006%
63	8.132	2179	2190	2208	rBV2	54583	95849	23.57%	3.201%
64	8.354	2255	2259	2262	rBV2	237	149	0.04%	0.005%
65	8.412	2272	2277	2278	rBV	261	196	0.05%	0.007%
66	8.492	2300	2302	2303	rBV	321	126	0.03%	0.004%
67	8.621	2339	2342	2346	rVB	282	195	0.05%	0.007%
68	8.643	2346	2349	2353	rBV2	307	382	0.09%	0.013%
69	8.740	2374	2379	2382	rBV3	385	334	0.08%	0.011%
70	8.823	2399	2405	2406	rBV2	278	245	0.06%	0.008%
71	8.894	2415	2427	2449	rBV	203498	332592	81.77%	11.108%

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72	9.109	2490	2494	2497	rBV3	255	193	0.05%	0.006%
73	9.148	2503	2506	2507	rBV2	353	214	0.05%	0.007%
74	9.183	2511	2517	2525	rVV4	953	1235	0.30%	0.041%
75	9.293	2548	2551	2554	rBV2	262	174	0.04%	0.006%
76	9.344	2562	2567	2569	rBV3	309	241	0.06%	0.008%
77	9.370	2572	2575	2578	rVV2	262	139	0.03%	0.005%
78	9.389	2578	2581	2584	rVB2	312	241	0.06%	0.008%
79	9.405	2584	2586	2588	rBV2	178	114	0.03%	0.004%
80	9.582	2636	2641	2647	rBV3	918	1328	0.33%	0.044%
81	9.833	2716	2719	2722	rVB2	319	175	0.04%	0.006%
82	9.910	2741	2743	2745	rBV2	115	80	0.02%	0.003%
83	9.949	2745	2755	2766	rVV	29398	46739	11.49%	1.561%
84	10.125	2805	2810	2812	rBV	246	147	0.04%	0.005%
85	10.228	2833	2842	2843	rBV4	10057	11604	2.85%	0.388%
86	10.260	2845	2852	2873	rVB	91253	142888	35.13%	4.772%
87	10.421	2897	2902	2911	rVB5	2212	2962	0.73%	0.099%
88	10.505	2923	2928	2929	rBV	151	154	0.04%	0.005%
89	10.624	2954	2965	2976	rBV	42324	65941	16.21%	2.202%
90	10.942	3056	3064	3079	rBV6	1941	3374	0.83%	0.113%
91	11.196	3136	3143	3147	rBV4	1037	1253	0.31%	0.042%
92	11.235	3148	3155	3162	rVV5	4235	5268	1.30%	0.176%
93	11.296	3162	3174	3191	rBV	166573	272219	66.93%	9.092%
94	11.572	3257	3260	3262	rBV2	331	175	0.04%	0.006%
95	11.672	3279	3291	3307	rBV	151960	246808	60.68%	8.243%
96	11.887	3353	3358	3361	rBV4	432	444	0.11%	0.015%
97	11.948	3373	3377	3381	rBV3	569	488	0.12%	0.016%
98	12.392	3511	3515	3522	rBV4	799	783	0.19%	0.026%
99	13.363	3814	3817	3820	rBV	283	227	0.06%	0.008%
100	13.791	3946	3950	3951	rBV2	1020	734	0.18%	0.025%

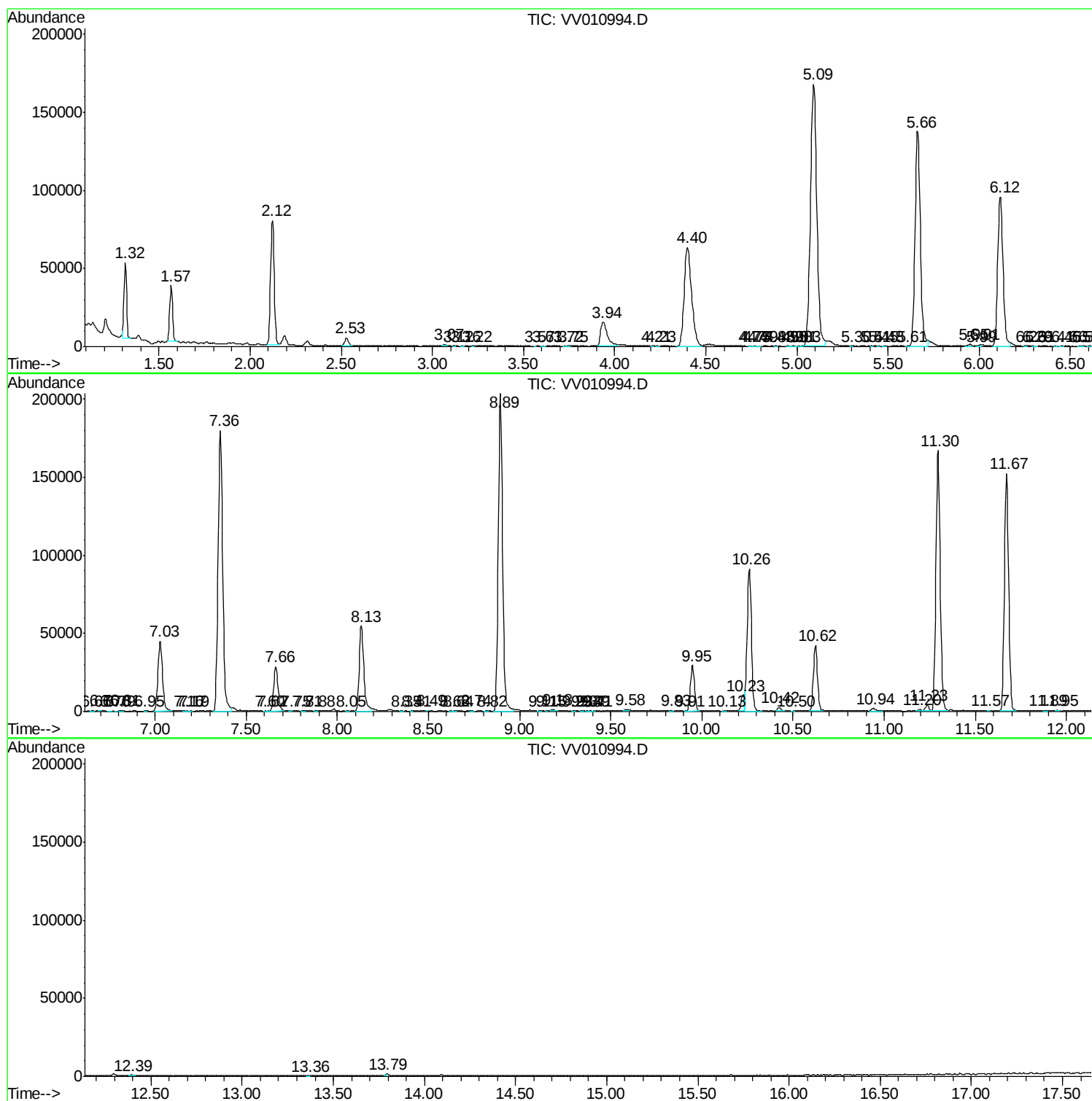
Sum of corrected areas: 2994156

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis

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



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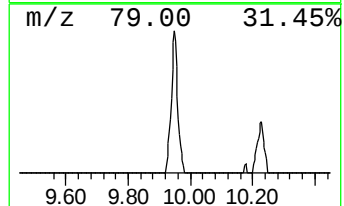
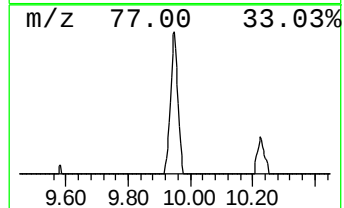
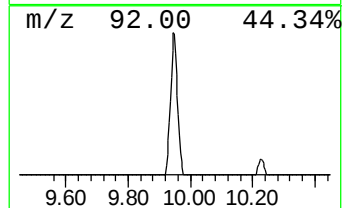
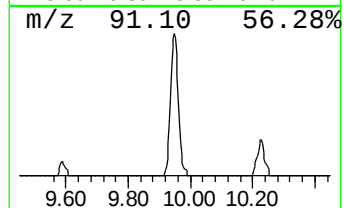
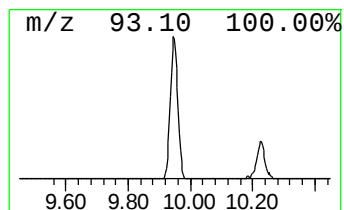
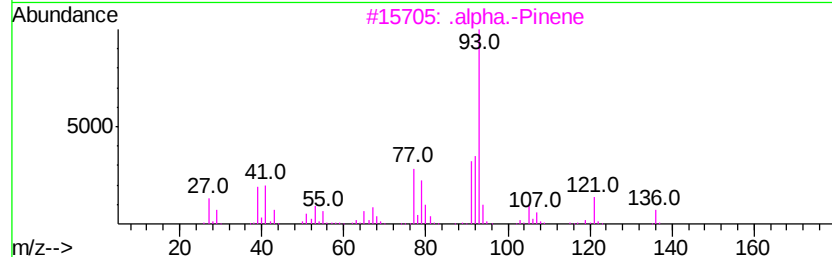
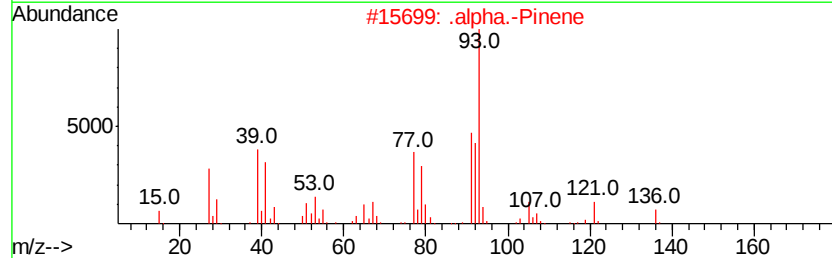
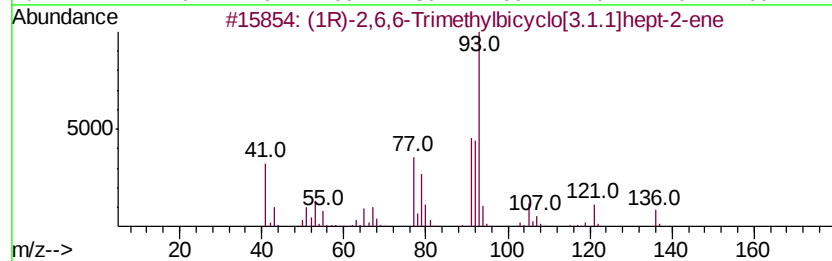
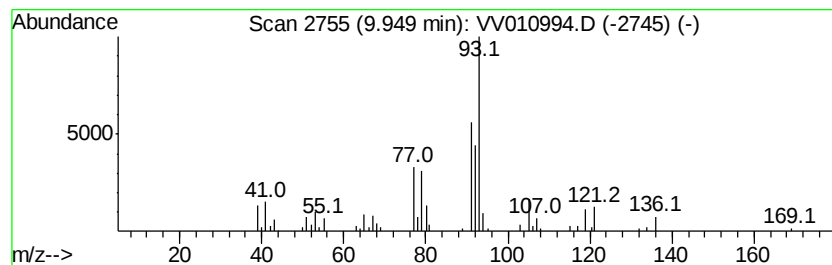
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	3.51 ug/L	46739	Chlorobenzene-d5	8.89

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	95
3		.alpha.-Pinene	136	C10H16	000080-56-8	94
4		(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	94
5		.alpha.-Pinene	136	C10H16	000080-56-8	91



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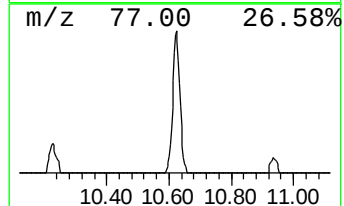
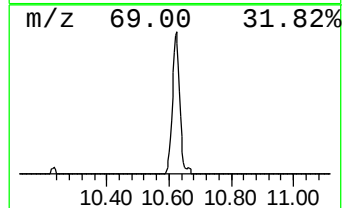
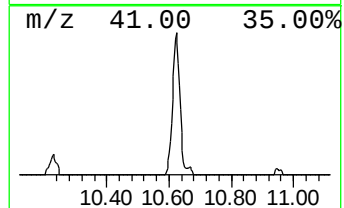
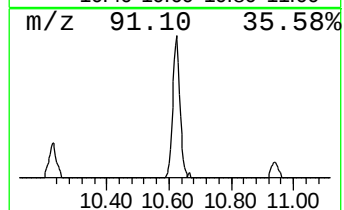
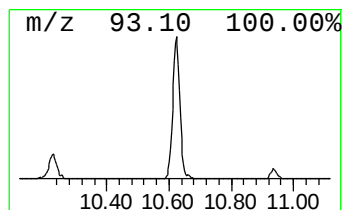
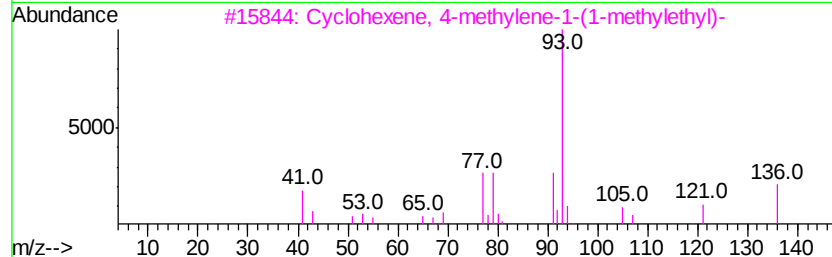
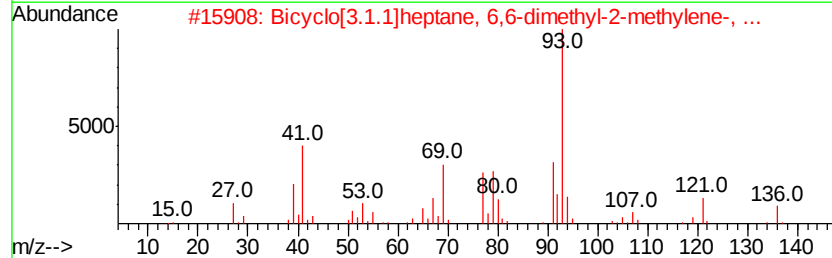
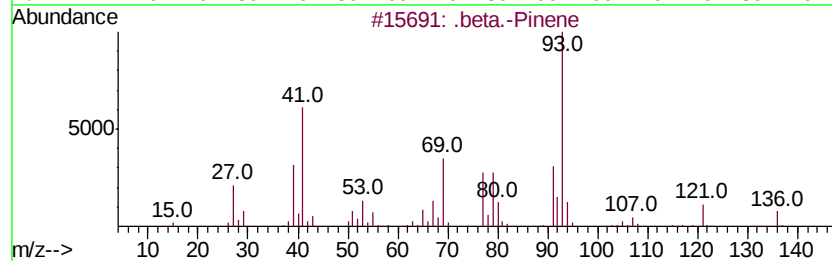
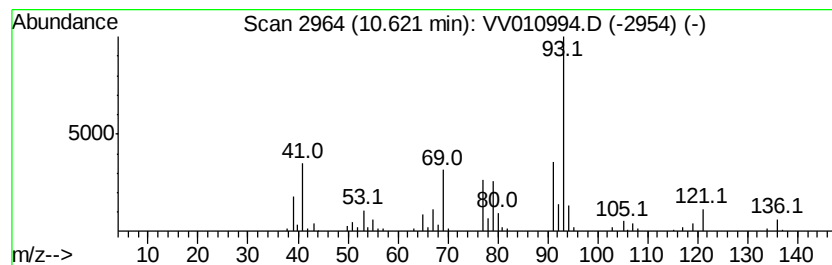
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 .beta.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.62	6.06 ug/L	65941	1,4-Dichlorobenzene-d4	11.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	97
2	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	96
3	Cvclohexene, 4-methvlene-1-(1-me...	136	C10H16	000099-84-3	91
4	.alpha.-Pinene	136	C10H16	000080-56-8	90
5	.alpha.-Pinene	136	C10H16	000080-56-8	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(1R)-2,6,6-Trimet...	9.95	3.5	ug/L	46739	2	8.89	332592	25.0
.beta.-Pinene	10.62	6.1	ug/L	65941	3	11.30	272219	25.0