

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121218\
 Data File : VW007402.D
 Acq On : 11 Dec 2018 17:34
 Operator : SY/AP
 Sample : J6271-15
 Misc : 6.52G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9E30

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\SOM2WLM120718S.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	3.318	230	232	234	rBV	69	96	0.13%	0.020%
2	3.465	253	256	258	rBV	93	134	0.17%	0.027%
3	3.629	282	283	285	rBV	111	93	0.12%	0.019%
4	3.684	290	292	295	rBB	102	105	0.14%	0.021%
5	3.715	295	297	299	rBB	137	115	0.15%	0.024%
6	3.733	299	300	302	rBB	126	92	0.12%	0.019%
7	3.806	310	312	314	rBV	88	100	0.13%	0.020%
8	3.934	332	333	336	rBB	111	94	0.12%	0.019%
9	4.013	336	346	357	rBV2	9829	25029	32.64%	5.123%
10	4.263	385	387	389	rBB2	122	114	0.15%	0.023%
11	4.306	393	394	397	rBB2	94	89	0.12%	0.018%
12	4.379	403	406	407	rBV2	106	102	0.13%	0.021%
13	4.495	423	425	428	rBV	77	120	0.16%	0.025%
14	4.721	459	462	464	rBV	137	157	0.20%	0.032%
15	4.757	467	468	471	rBV	141	141	0.18%	0.029%
16	4.824	477	479	480	rBB	158	88	0.11%	0.018%
17	5.013	508	510	511	rBV	92	79	0.10%	0.016%
18	5.074	519	520	524	rBB	105	120	0.16%	0.025%
19	5.172	532	536	537	rBB	150	141	0.18%	0.029%
20	5.324	559	561	562	rBV	136	90	0.12%	0.018%
21	5.367	565	568	570	rBB	137	122	0.16%	0.025%
22	5.416	574	576	578	rBB	102	90	0.12%	0.018%
23	5.446	579	581	583	rBV	152	134	0.17%	0.027%
24	5.501	589	590	593	rBB	114	93	0.12%	0.019%
25	5.550	597	598	602	rBB	71	95	0.12%	0.019%
26	5.665	615	617	620	rBB	163	204	0.27%	0.042%
27	5.720	623	626	627	rBB	109	83	0.11%	0.017%
28	5.873	650	651	654	rBB	120	121	0.16%	0.025%
29	6.068	681	683	685	rBB	110	85	0.11%	0.017%
30	6.123	688	692	693	rBB	162	165	0.22%	0.034%
31	6.153	694	697	699	rBB	128	145	0.19%	0.030%
32	6.245	711	712	715	rBB	181	104	0.14%	0.021%
33	6.360	730	731	735	rBB	82	103	0.13%	0.021%
34	6.428	736	742	744	rBB	152	210	0.27%	0.043%

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35	6.495	751	753	759	rBB	189	241	0.31%	0.049%
36	6.604	767	771	772	rBV	113	148	0.19%	0.030%
37	6.787	800	801	804	rBV	106	129	0.17%	0.026%
38	6.976	829	832	836	rBB	186	217	0.28%	0.044%
39	7.220	870	872	874	rBV	119	133	0.17%	0.027%
40	7.305	884	886	888	rBV	106	108	0.14%	0.022%
41	7.342	890	892	896	rBV2	162	245	0.32%	0.050%
42	7.482	913	915	918	rBB2	93	79	0.10%	0.016%
43	7.653	932	943	951	rBV2	12758	31323	40.84%	6.411%
44	8.055	1007	1009	1010	rBB2	169	117	0.15%	0.024%
45	8.275	1037	1045	1058	rBB2	25603	76693	100.00%	15.697%
46	8.500	1079	1082	1085	rBB2	130	150	0.20%	0.031%
47	8.610	1098	1100	1102	rBB2	209	148	0.19%	0.030%
48	8.628	1102	1103	1108	rBB	152	146	0.19%	0.030%
49	8.708	1113	1116	1117	rBV	138	164	0.21%	0.034%
50	8.842	1131	1138	1146	rVB	23235	45002	58.68%	9.211%
51	8.988	1160	1162	1164	rBB	149	116	0.15%	0.024%
52	9.037	1165	1170	1174	rBB	342	589	0.77%	0.121%
53	9.275	1202	1209	1217	rBB	17560	34332	44.77%	7.027%
54	9.427	1230	1234	1235	rBB	90	110	0.14%	0.023%
55	9.512	1244	1248	1250	rBB	143	134	0.17%	0.027%
56	9.616	1263	1265	1267	rBV	73	95	0.12%	0.019%
57	9.775	1289	1291	1294	rBB	136	130	0.17%	0.027%
58	10.037	1327	1334	1341	rBB	9027	17130	22.34%	3.506%
59	10.104	1342	1345	1346	rBB	161	80	0.10%	0.016%
60	10.146	1349	1352	1354	rBB	159	153	0.20%	0.031%
61	10.274	1371	1373	1374	rBB	191	113	0.15%	0.023%
62	10.421	1395	1397	1399	rBV	103	113	0.15%	0.023%
63	10.457	1402	1403	1405	rBV	142	120	0.16%	0.025%
64	10.506	1408	1411	1412	rBV	69	88	0.11%	0.018%
65	10.579	1417	1423	1429	rBB	7046	11338	14.78%	2.321%
66	10.707	1439	1444	1449	rBV	437	925	1.21%	0.189%
67	10.787	1455	1457	1458	rBV	135	121	0.16%	0.025%
68	10.927	1474	1480	1487	rBV2	9624	17070	22.26%	3.494%
69	11.067	1498	1503	1507	rBB	820	1170	1.53%	0.239%
70	11.634	1589	1596	1603	rBB	32430	54217	70.69%	11.097%
71	11.738	1608	1613	1617	rBB2	1664	2499	3.26%	0.511%

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72	12.158	1679	1682	1683	rBV	77	79	0.10%	0.016%
73	12.286	1701	1703	1705	rBB	109	82	0.11%	0.017%
74	12.335	1710	1711	1712	rBV	233	126	0.16%	0.026%
75	12.475	1727	1734	1739	rBB	11180	17337	22.61%	3.548%
76	12.567	1747	1749	1751	rBV	78	101	0.13%	0.021%
77	12.615	1751	1757	1762	rVB2	1003	1675	2.18%	0.343%
78	12.695	1764	1770	1772	rBV	18742	30038	39.17%	6.148%
79	12.792	1783	1786	1787	rBB	147	115	0.15%	0.024%
80	12.945	1808	1811	1813	rBV	216	218	0.28%	0.045%
81	13.030	1821	1825	1829	rVB2	3860	5673	7.40%	1.161%
82	13.213	1852	1855	1858	rBV2	972	1109	1.45%	0.227%
83	13.304	1866	1870	1875	rBB2	257	410	0.53%	0.084%
84	13.341	1875	1876	1878	rBV2	108	83	0.11%	0.017%
85	13.475	1893	1898	1900	rBV2	4129	6228	8.12%	1.275%
86	13.560	1907	1912	1920	rVB	31292	49655	64.75%	10.163%
87	13.804	1951	1952	1954	rBV	146	124	0.16%	0.025%
88	13.859	1954	1961	1969	rVV	29876	48629	63.41%	9.953%
89	14.005	1980	1985	1987	rBB	656	663	0.86%	0.136%
90	14.182	2011	2014	2016	rBV	133	161	0.21%	0.033%
91	14.499	2064	2066	2067	rBB	131	95	0.12%	0.019%
92	14.676	2094	2095	2097	rBV	148	97	0.13%	0.020%
93	14.768	2107	2110	2112	rBB	135	143	0.19%	0.029%
94	14.816	2116	2118	2119	rBB	218	135	0.18%	0.028%
95	14.914	2133	2134	2136	rBV	105	87	0.11%	0.018%
96	15.054	2155	2157	2159	rBV	148	92	0.12%	0.019%
97	15.219	2183	2184	2187	rBB	244	183	0.24%	0.037%
98	15.243	2187	2188	2192	rBV	171	226	0.29%	0.046%
99	15.847	2285	2287	2291	rBV2	247	324	0.42%	0.066%
100	16.779	2439	2440	2441	rBV2	288	164	0.21%	0.034%

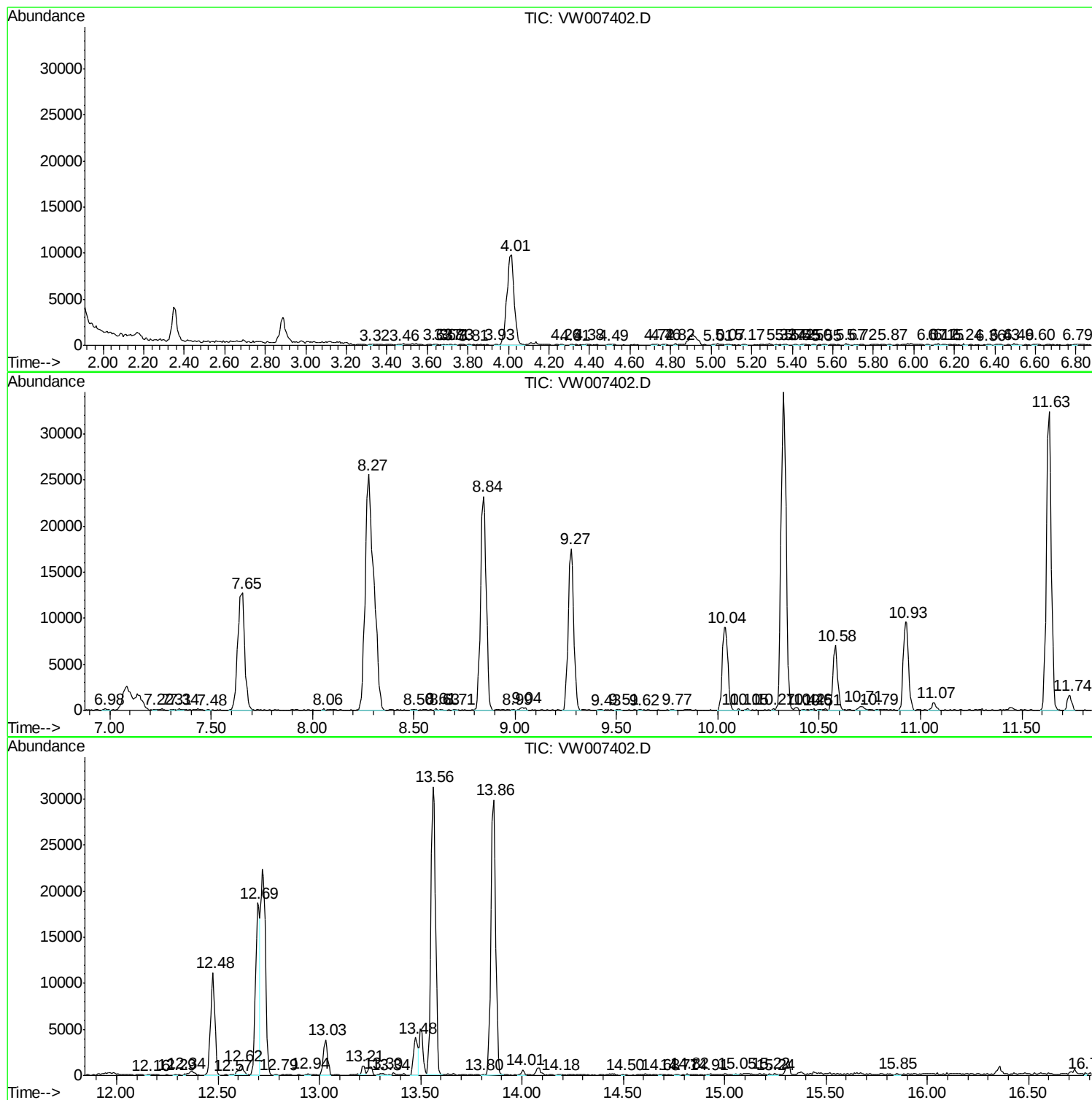
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis

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



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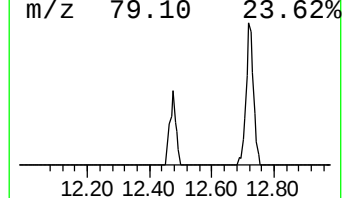
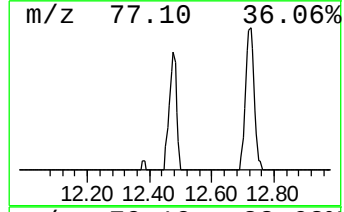
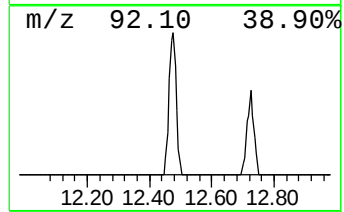
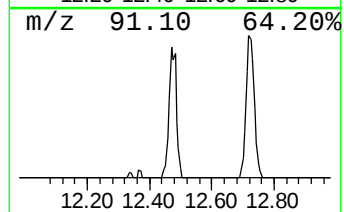
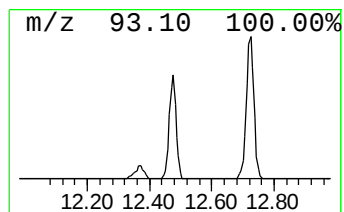
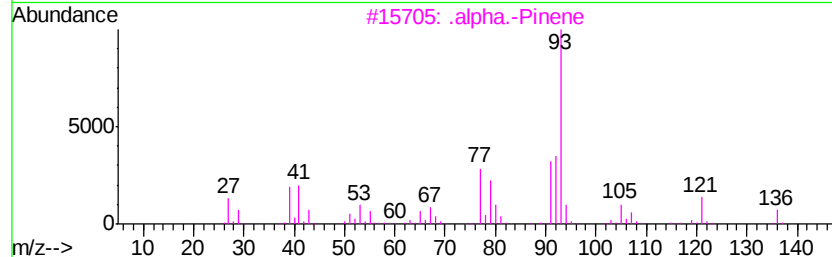
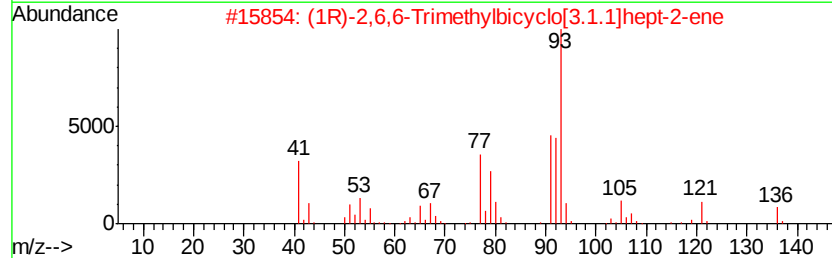
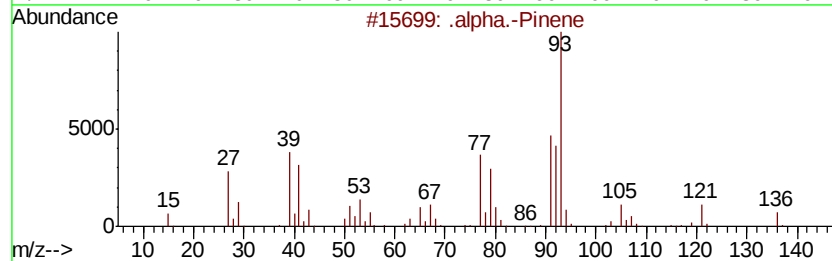
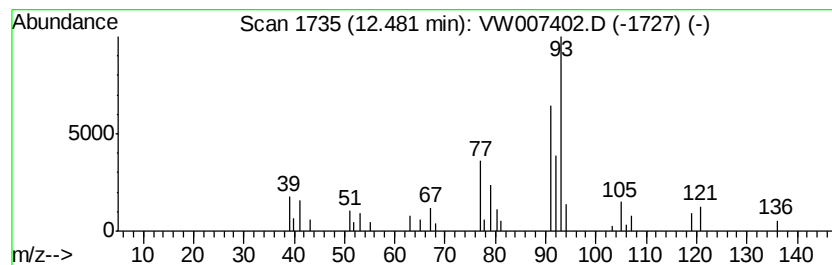
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis

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

Peak Number 2 .alpha.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	7.99 ug/L	17337	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.alpha.-Pinene	136	C10H16	000080-56-8	94
2		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91
3		.alpha.-Pinene	136	C10H16	000080-56-8	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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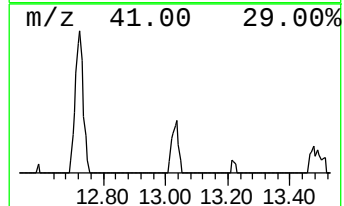
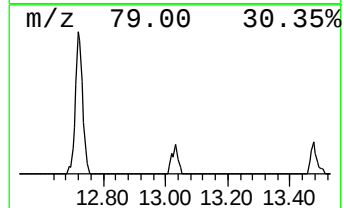
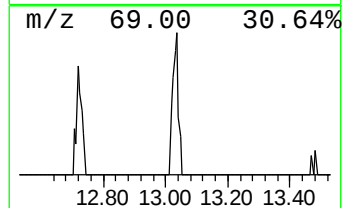
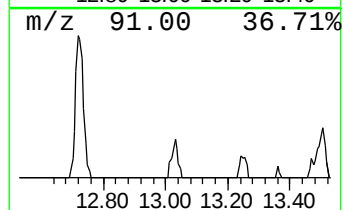
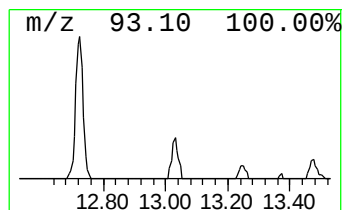
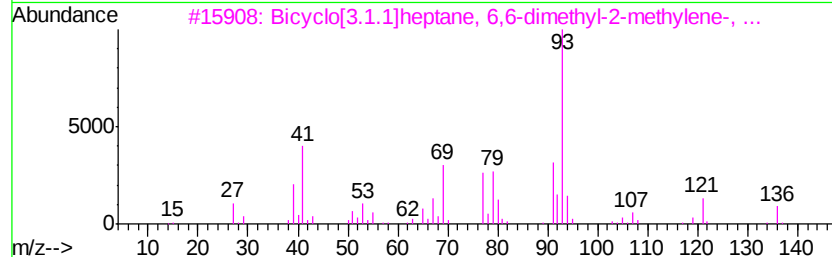
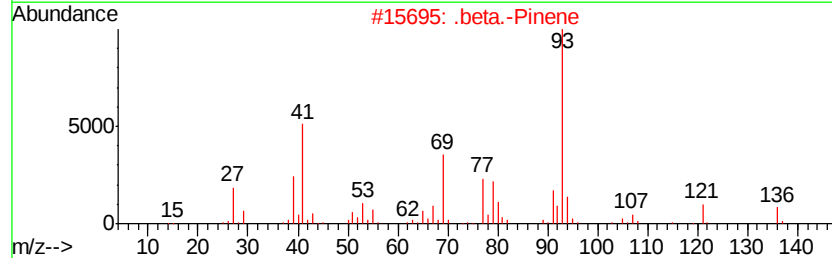
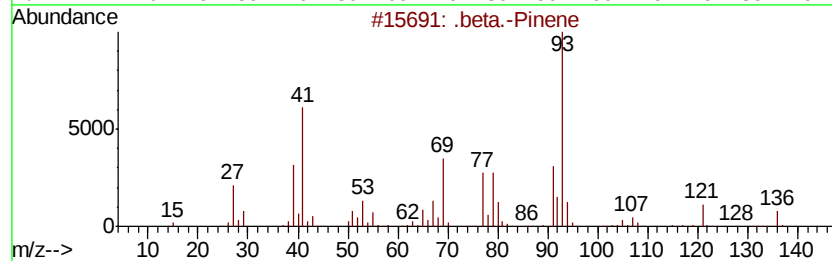
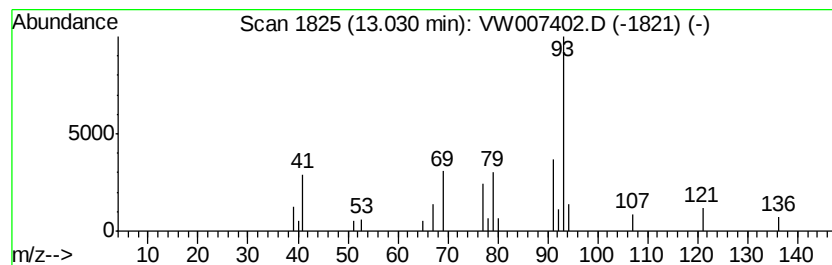
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 .beta.-Pinene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	2.86 ug/L	5673	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Pinene	136	C10H16	000127-91-3	91
2		.beta.-Pinene	136	C10H16	000127-91-3	86
3		Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	86
4		(+)-4-Carene	136	C10H16	029050-33-7	80
5		Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	80



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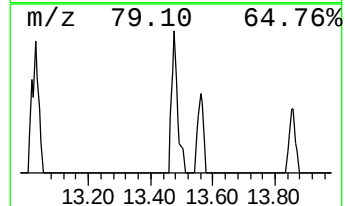
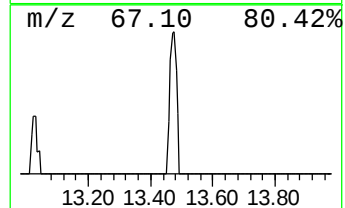
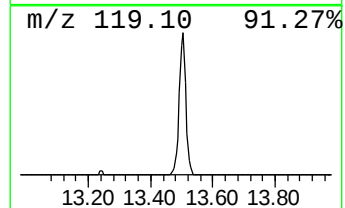
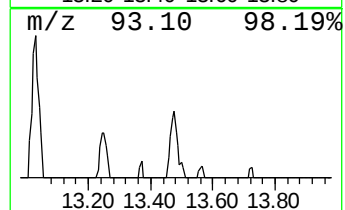
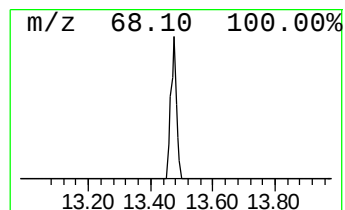
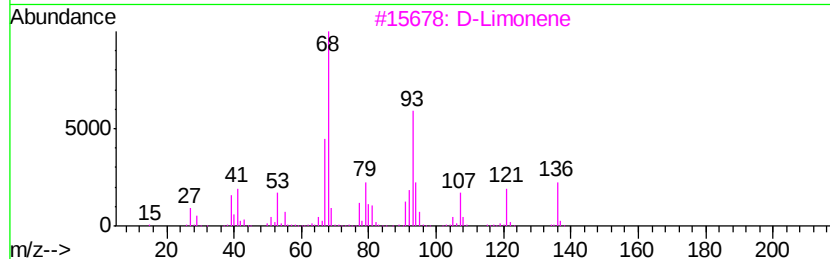
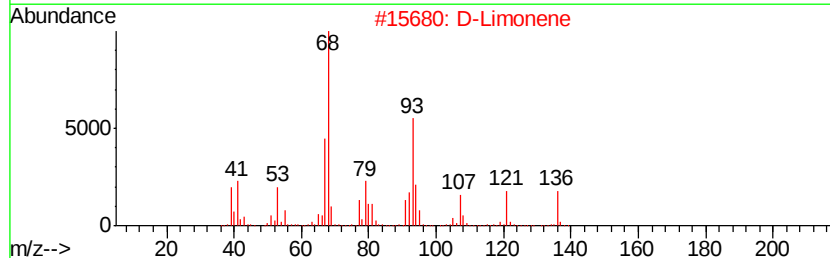
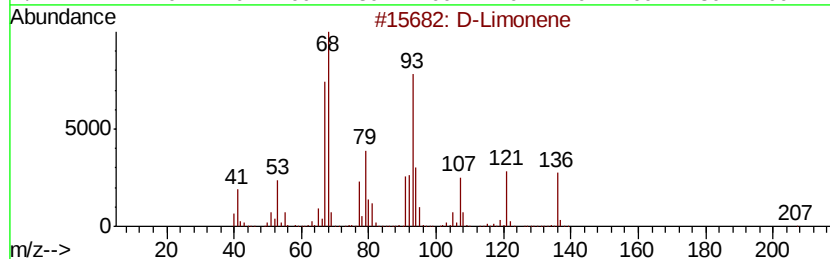
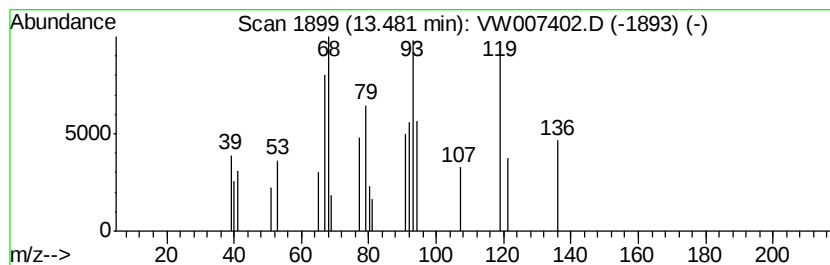
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Quant Title : VOC Analysis

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

Peak Number 4 D-Limonene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	3.14 ug/L	6228	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene		136	C10H16	005989-27-5	96
2	D-Limonene		136	C10H16	005989-27-5	96
3	D-Limonene		136	C10H16	005989-27-5	95
4	Limonene		136	C10H16	000138-86-3	94
5	D-Limonene		136	C10H16	005989-27-5	93



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Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	12.48	8.0	ug/L	17337	2	11.63	54217	25.0
.beta.-Pinene	13.03	2.9	ug/L	5673	3	13.56	49655	25.0
D-Limonene	13.48	3.1	ug/L	6228	3	13.56	49655	25.0