

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
 Data File : VW018116.D
 Acq On : 12 Feb 2021 17:35
 Operator : SY/VA
 Sample : M1370-17
 Misc : 5.71G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBGZ4

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\SOM2WLM012921S.M

Title : VOC Analysis

Signal : TIC: VW018116.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	68	74	85	rBV	68382	134566	12.33%	1.666%
2	2.897	155	163	178	rBV	53238	134367	12.32%	1.664%
3	3.415	246	248	249	rVB	194	108	0.01%	0.001%
4	3.531	264	267	271	rVB3	561	882	0.08%	0.011%
5	3.769	305	306	308	rBV2	127	113	0.01%	0.001%
6	3.824	313	315	318	rVV	128	145	0.01%	0.002%
7	4.025	334	348	373	rBV	122190	393253	36.04%	4.869%
8	4.330	394	398	399	rBV2	169	189	0.02%	0.002%
9	4.385	401	407	408	rBV3	580	748	0.07%	0.009%
10	4.501	423	426	429	rBV2	98	156	0.01%	0.002%
11	4.604	437	443	444	rBV2	642	1042	0.10%	0.013%
12	4.812	475	477	479	rBV2	100	94	0.01%	0.001%
13	4.921	484	495	507	rBV2	7466	27076	2.48%	0.335%
14	5.055	515	517	519	rBV	129	99	0.01%	0.001%
15	5.232	544	546	548	rVB2	163	104	0.01%	0.001%
16	5.318	556	560	561	rBV2	151	201	0.02%	0.002%
17	5.427	577	578	581	rVB	195	134	0.01%	0.002%
18	5.452	581	582	585	rBV	203	198	0.02%	0.002%
19	5.525	593	594	596	rBV2	132	106	0.01%	0.001%
20	5.628	609	611	613	rBV	112	98	0.01%	0.001%
21	5.683	615	620	622	rVB2	207	319	0.03%	0.004%
22	5.708	622	624	625	rBV	147	111	0.01%	0.001%
23	5.830	642	644	646	rBV2	131	128	0.01%	0.002%
24	5.945	654	663	671	rVV3	2343	6829	0.63%	0.085%
25	6.037	676	678	680	rBV2	201	202	0.02%	0.003%
26	6.104	687	689	692	rBV	169	198	0.02%	0.002%
27	6.153	693	697	703	rVB2	175	330	0.03%	0.004%
28	6.202	703	705	710	rBV2	151	187	0.02%	0.002%
29	6.323	723	725	728	rBV	149	143	0.01%	0.002%
30	6.458	745	747	749	rBV2	107	93	0.01%	0.001%
31	6.555	762	763	767	rBV2	120	102	0.01%	0.001%
32	6.677	781	783	785	rVB2	165	113	0.01%	0.001%
33	6.720	785	790	791	rBV2	100	151	0.01%	0.002%
34	7.079	839	849	868	rBV	20180	66264	6.07%	0.820%
35	7.335	890	891	896	rVB2	165	167	0.02%	0.002%
36	7.372	896	897	899	rBV	196	120	0.01%	0.001%

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37	7.390	899	900	906	rBV2	210	274	0.03%	0.003%
38	7.646	931	942	959	rBV	208008	505587	46.34%	6.260%
39	8.030	1004	1005	1007	rBV	138	103	0.01%	0.001%
40	8.274	1035	1045	1065	rBV2	379363	1091038	100.00%	13.509%
41	8.622	1100	1102	1104	rBV2	257	282	0.03%	0.003%
42	8.658	1106	1108	1110	rVB	145	127	0.01%	0.002%
43	8.683	1110	1112	1113	rBV2	333	338	0.03%	0.004%
44	8.841	1129	1138	1153	rBV	434257	846249	77.56%	10.478%
45	9.012	1163	1166	1170	rBV2	169	227	0.02%	0.003%
46	9.073	1170	1176	1182	rBV3	826	1692	0.16%	0.021%
47	9.274	1201	1209	1219	rBV	248314	502564	46.06%	6.223%
48	9.536	1250	1252	1254	rVB	178	98	0.01%	0.001%
49	9.664	1270	1273	1276	rBV2	482	453	0.04%	0.006%
50	9.756	1284	1288	1290	rBV3	322	357	0.03%	0.004%
51	9.890	1307	1310	1314	rVB2	580	756	0.07%	0.009%
52	9.926	1314	1316	1318	rBV2	94	92	0.01%	0.001%
53	9.951	1318	1320	1323	rBV2	98	96	0.01%	0.001%
54	10.036	1326	1334	1343	rBV	97926	175629	16.10%	2.175%
55	10.097	1343	1344	1346	rBV	208	101	0.01%	0.001%
56	10.176	1355	1357	1359	rBV2	157	136	0.01%	0.002%
57	10.323	1373	1381	1390	rBV	543584	939128	86.08%	11.628%
58	10.506	1409	1411	1415	rVB2	243	259	0.02%	0.003%
59	10.579	1416	1423	1431	rVB	59831	100845	9.24%	1.249%
60	10.707	1439	1444	1448	rBV3	1822	2803	0.26%	0.035%
61	10.774	1453	1455	1458	rVB2	401	496	0.05%	0.006%
62	10.926	1473	1480	1490	rBV	71083	122470	11.23%	1.516%
63	11.109	1508	1510	1513	rVB	106	97	0.01%	0.001%
64	11.140	1513	1515	1518	rBV	135	120	0.01%	0.001%
65	11.201	1519	1525	1531	rVB4	3441	5574	0.51%	0.069%
66	11.292	1537	1540	1543	rVB2	156	198	0.02%	0.002%
67	11.323	1543	1545	1549	rBV2	123	194	0.02%	0.002%
68	11.390	1554	1556	1557	rBV	214	124	0.01%	0.002%
69	11.633	1588	1596	1605	rBV	504915	876776	80.36%	10.856%
70	11.731	1607	1612	1618	rVB	19873	34165	3.13%	0.423%
71	11.829	1624	1628	1631	rBV2	342	509	0.05%	0.006%
72	11.877	1634	1636	1638	rVB2	278	143	0.01%	0.002%
73	12.060	1664	1666	1669	rVB2	185	182	0.02%	0.002%
74	12.091	1669	1671	1674	rBV2	109	155	0.01%	0.002%
75	12.164	1680	1683	1688	rVB3	335	576	0.05%	0.007%
76	12.213	1688	1691	1692	rBV2	180	222	0.02%	0.003%

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77	12.249	1695	1697	1699	rBV2	197	198	0.02%	0.002%
78	12.328	1706	1710	1711	rBV2	1407	1433	0.13%	0.018%
79	12.365	1712	1716	1723	rVB2	11228	18815	1.72%	0.233%
80	12.469	1727	1733	1739	rBV	36454	58238	5.34%	0.721%
81	12.609	1749	1756	1761	rBV3	3374	5880	0.54%	0.073%
82	12.694	1762	1770	1779	rBV	170756	297066	27.23%	3.678%
83	12.841	1792	1794	1796	rVB2	114	104	0.01%	0.001%
84	12.938	1804	1810	1817	rBV3	6190	14178	1.30%	0.176%
85	13.023	1817	1824	1831	rBV	70640	117554	10.77%	1.456%
86	13.078	1831	1833	1836	rVB3	355	378	0.03%	0.005%
87	13.109	1836	1838	1841	rBV2	207	253	0.02%	0.003%
88	13.151	1841	1845	1848	rBV4	1918	2899	0.27%	0.036%
89	13.414	1883	1888	1891	rBV5	1444	2337	0.21%	0.029%
90	13.469	1891	1897	1905	rBV2	88490	157362	14.42%	1.948%
91	13.554	1905	1911	1919	rVB	460652	727954	66.72%	9.013%
92	13.853	1953	1960	1978	rVB	375609	621408	56.96%	7.694%
93	13.987	1978	1982	1986	rBV4	3473	6270	0.57%	0.078%
94	14.066	1992	1995	2001	rVB2	10806	17878	1.64%	0.221%
95	14.194	2011	2016	2029	rVB5	4545	12011	1.10%	0.149%
96	14.499	2062	2066	2069	rBV3	1035	1712	0.16%	0.021%
97	15.352	2204	2206	2210	rBV3	426	554	0.05%	0.007%
98	15.419	2211	2217	2223	rVB4	4660	8855	0.81%	0.110%
99	15.486	2224	2228	2233	rVB2	4091	6542	0.60%	0.081%
100	16.419	2375	2381	2387	rVB4	8513	16141	1.48%	0.200%

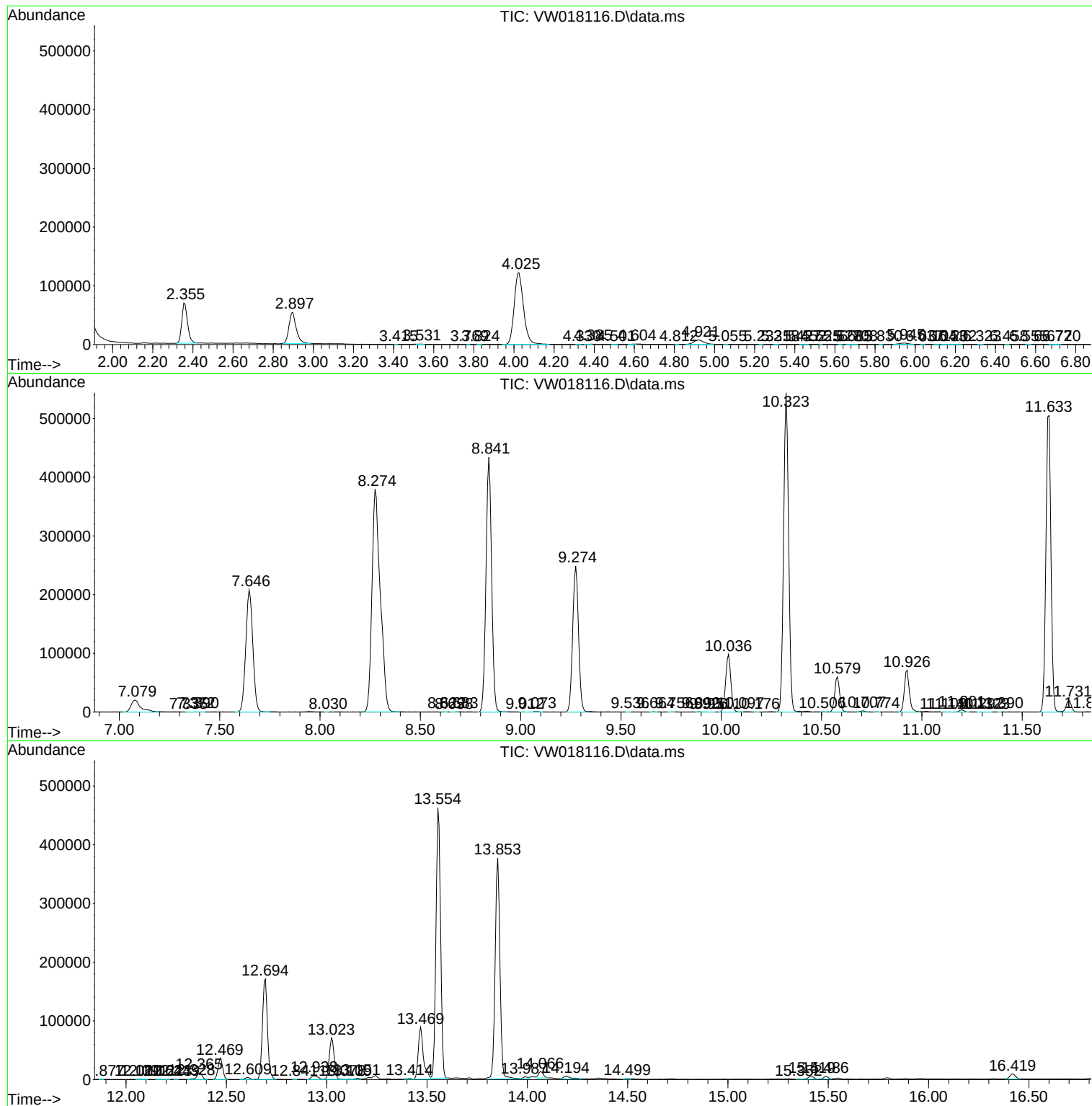
Sum of corrected areas: 8076391

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Instrument :
MSVOA_W
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

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



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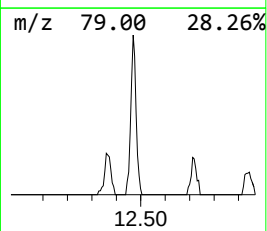
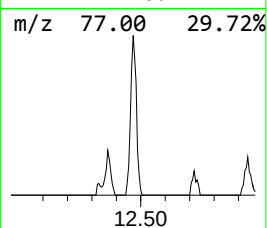
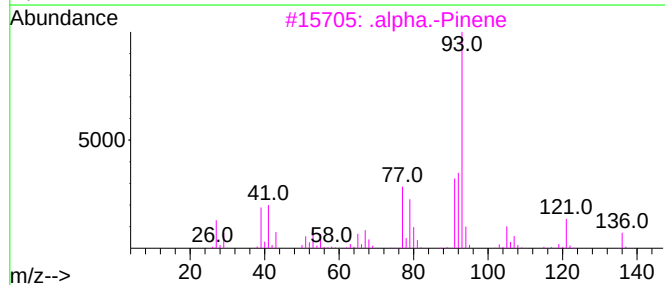
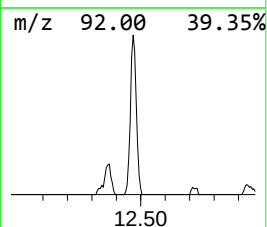
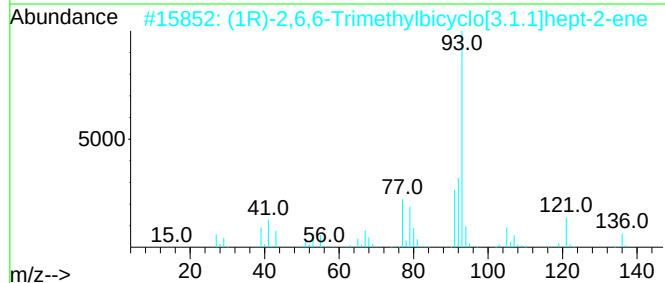
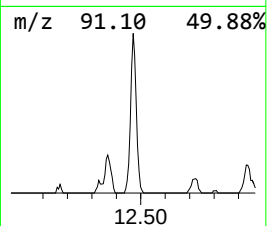
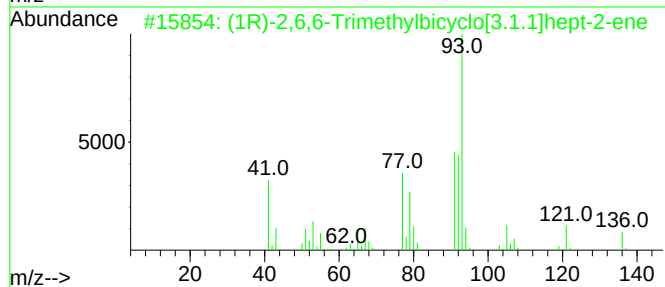
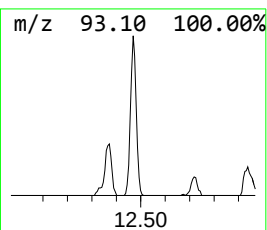
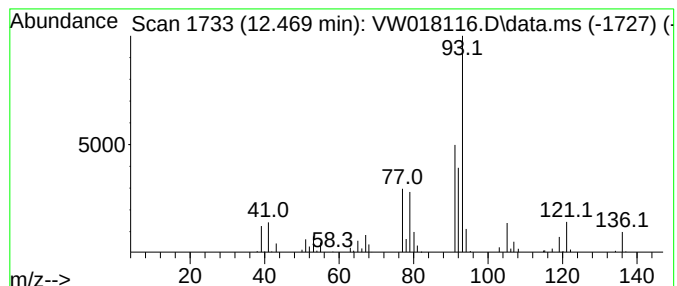
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

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

Peak Number 2 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	1.66 ug/L	58238	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	97		
2	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	95		
3	.alpha.-Pinene	136	C10H16	000080-56-8	94		
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	94		
5	.alpha.-Pinene	136	C10H16	000080-56-8	94		



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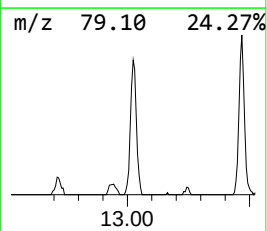
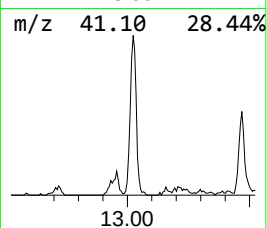
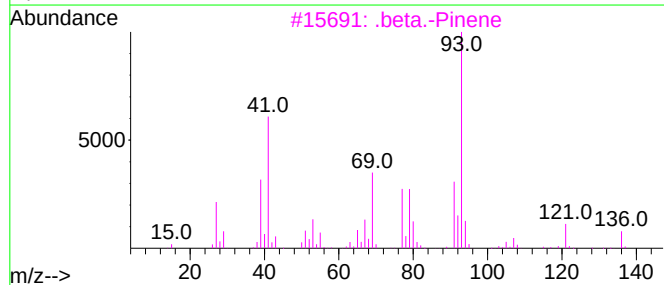
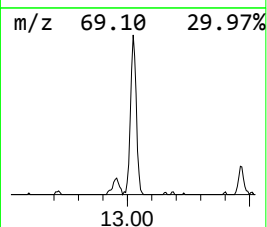
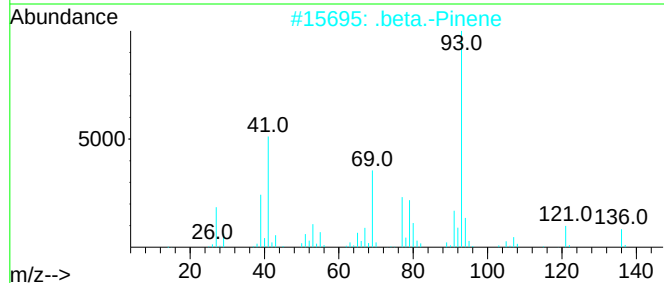
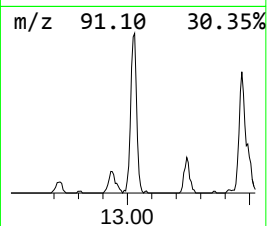
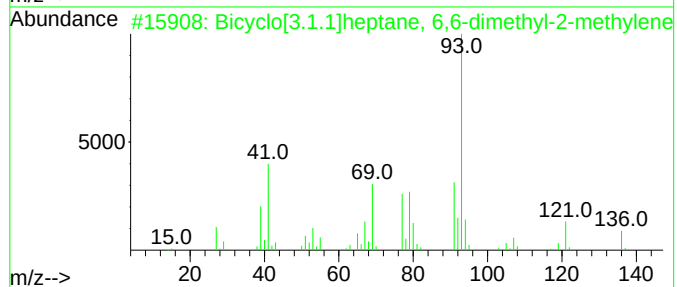
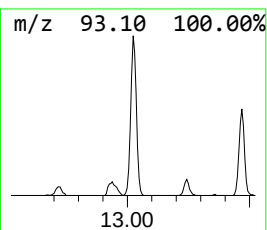
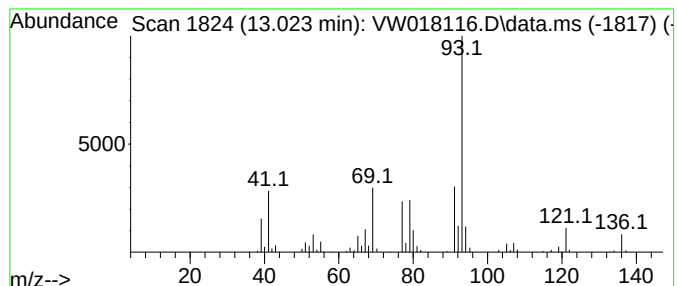
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.024	4.04 ug/L	117554	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	96
2			.beta.-Pinene	136	C10H16	000127-91-3	95
3			.beta.-Pinene	136	C10H16	000127-91-3	95
4			.alpha.-Pinene	136	C10H16	000080-56-8	91
5			Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91



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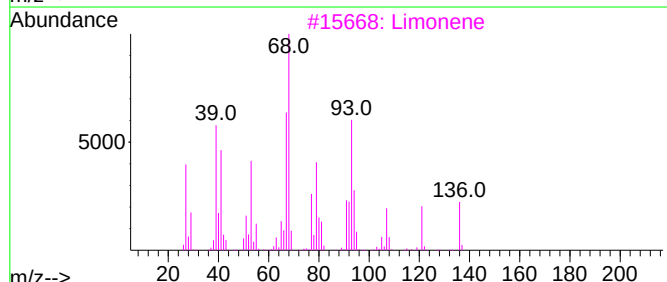
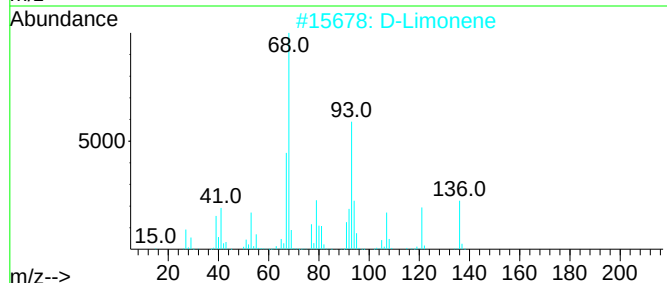
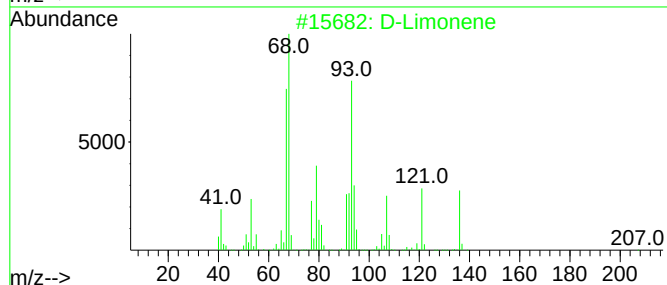
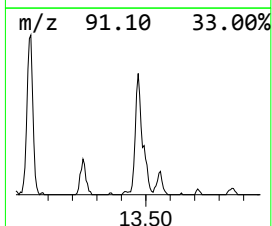
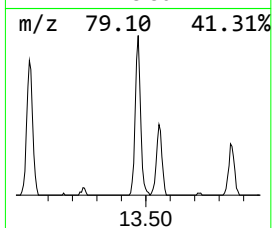
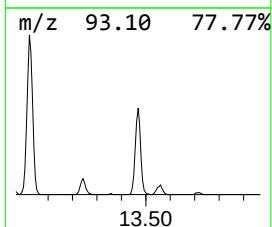
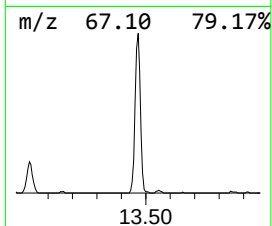
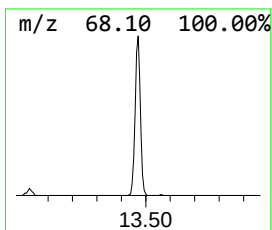
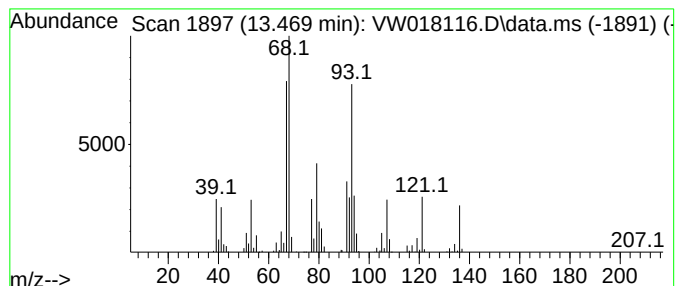
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Quant Title : VOC Analysis

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

Peak Number 4 D-Limonene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.469	5.40 ug/L	157362	1,4-Dichlorobenzene-d4	13.554

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			D-Limonene	136	C10H16	005989-27-5	99
2			D-Limonene	136	C10H16	005989-27-5	94
3			Limonene	136	C10H16	000138-86-3	94
4			D-Limonene	136	C10H16	005989-27-5	93
5			Limonene	136	C10H16	000138-86-3	90



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Acq On : 12 Feb 2021 17:35
Operator : SY/VA
Sample : M1370-17
Misc : 5.71G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBGZ4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
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
(1R)-2,6,6-Trim...	12.469	1.7	ug/L	58238	2	11.634	876776	25.0
Bicyclo[3.1.1]h...	13.024	4.0	ug/L	117554	3	13.554	727954	25.0
D-Limonene	13.469	5.4	ug/L	157362	3	13.554	727954	25.0