

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
 Data File : VW018106.D
 Acq On : 12 Feb 2021 13:35
 Operator : SY/VA
 Sample : M1371-20
 Misc : 6.25G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBH35

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: VW018106.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	87	rVB	67404	132365	2.87%	0.925%
2	2.892	155	162	179	rVB	52667	131041	2.84%	0.916%
3	3.282	225	226	229	rVB	252	196	0.00%	0.001%
4	3.312	229	231	232	rBV2	232	167	0.00%	0.001%
5	3.404	239	246	250	rVB4	682	1435	0.03%	0.010%
6	3.526	262	266	278	rVB2	1606	4375	0.09%	0.031%
7	3.660	286	288	289	rBV	229	156	0.00%	0.001%
8	3.745	298	302	303	rBV	175	260	0.01%	0.002%
9	3.763	303	305	306	rVV	119	87	0.00%	0.001%
10	3.788	306	309	310	rBV	143	135	0.00%	0.001%
11	4.026	335	348	370	rBV	122941	393133	8.51%	2.748%
12	4.288	390	391	392	rVB	208	76	0.00%	0.001%
13	4.306	392	394	395	rBV	158	117	0.00%	0.001%
14	4.379	401	406	409	rBV2	481	923	0.02%	0.006%
15	4.544	430	433	434	rVB2	111	108	0.00%	0.001%
16	4.623	437	446	452	rVV3	796	2507	0.05%	0.018%
17	4.916	483	494	510	rBV2	8524	31683	0.69%	0.221%
18	5.074	519	520	523	rBV	116	81	0.00%	0.001%
19	5.111	523	526	528	rBV2	178	196	0.00%	0.001%
20	5.263	549	551	552	rBV2	121	90	0.00%	0.001%
21	5.452	580	582	584	rBV2	100	101	0.00%	0.001%
22	5.525	592	594	597	rBV	107	87	0.00%	0.001%
23	5.867	648	650	653	rVB	267	166	0.00%	0.001%
24	5.934	653	661	662	rBV3	3265	5168	0.11%	0.036%
25	6.147	694	696	699	rVB2	186	172	0.00%	0.001%
26	6.184	699	702	704	rBV2	166	234	0.01%	0.002%
27	6.348	728	729	730	rBV	133	89	0.00%	0.001%
28	6.586	766	768	770	rBV	71	72	0.00%	0.001%
29	6.726	789	791	792	rBV	114	120	0.00%	0.001%
30	6.964	826	830	833	rVB2	175	158	0.00%	0.001%
31	6.994	833	835	836	rBV	146	128	0.00%	0.001%
32	7.013	836	838	839	rBV2	150	121	0.00%	0.001%
33	7.074	840	848	872	rVV	26750	87281	1.89%	0.610%
34	7.342	887	892	895	rBV2	189	384	0.01%	0.003%
35	7.391	898	900	902	rVB	96	91	0.00%	0.001%
36	7.433	904	907	909	rVB2	202	232	0.01%	0.002%

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

37	7.647	931	942	955	rBV	216317	525342	11.37%	3.673%
38	7.769	959	962	967	rVB3	371	606	0.01%	0.004%
39	7.891	980	982	985	rVV2	100	121	0.00%	0.001%
40	7.952	987	992	999	rVV3	820	1706	0.04%	0.012%
41	8.006	999	1001	1004	rVB	225	177	0.00%	0.001%
42	8.275	1033	1045	1062	rBV2	398632	1184129	25.64%	8.278%
43	8.494	1077	1081	1082	rBV2	160	196	0.00%	0.001%
44	8.622	1100	1102	1103	rBV	214	138	0.00%	0.001%
45	8.659	1106	1108	1109	rBV	149	103	0.00%	0.001%
46	8.689	1109	1113	1115	rBV2	466	757	0.02%	0.005%
47	8.842	1129	1138	1153	rBV	507008	987287	21.38%	6.902%
48	8.988	1161	1162	1163	rBV	190	85	0.00%	0.001%
49	9.037	1169	1170	1172	rBV	254	198	0.00%	0.001%
50	9.079	1172	1177	1181	rVB2	738	1331	0.03%	0.009%
51	9.159	1189	1190	1193	rBV	131	93	0.00%	0.001%
52	9.183	1193	1194	1198	rBV2	106	91	0.00%	0.001%
53	9.275	1200	1209	1219	rBV	265516	536586	11.62%	3.751%
54	9.384	1226	1227	1232	rBV2	166	204	0.00%	0.001%
55	9.665	1269	1273	1280	rVB3	580	1007	0.02%	0.007%
56	9.732	1281	1284	1285	rBV2	115	83	0.00%	0.001%
57	9.811	1295	1297	1300	rBV2	129	141	0.00%	0.001%
58	9.835	1300	1301	1303	rBV	150	79	0.00%	0.001%
59	10.037	1326	1334	1344	rBV	123742	226260	4.90%	1.582%
60	10.122	1347	1348	1354	rVB3	424	517	0.01%	0.004%
61	10.189	1357	1359	1361	rVB	138	89	0.00%	0.001%
62	10.232	1364	1366	1367	rBV	131	83	0.00%	0.001%
63	10.323	1373	1381	1391	rBV	580543	1007455	21.81%	7.043%
64	10.445	1399	1401	1403	rBV	126	97	0.00%	0.001%
65	10.579	1415	1423	1434	rBV	78513	137317	2.97%	0.960%
66	10.707	1439	1444	1450	rVB3	2673	4623	0.10%	0.032%
67	10.927	1473	1480	1491	rBV	97822	175060	3.79%	1.224%
68	11.024	1493	1496	1501	rVB4	2156	3239	0.07%	0.023%
69	11.177	1519	1521	1523	rBV	178	119	0.00%	0.001%
70	11.232	1528	1530	1531	rBV	165	135	0.00%	0.001%
71	11.317	1542	1544	1545	rBV	134	116	0.00%	0.001%
72	11.445	1562	1565	1567	rBV2	120	121	0.00%	0.001%
73	11.628	1587	1595	1604	rBV	624315	1066092	23.08%	7.453%
74	11.780	1618	1620	1621	rBV	134	87	0.00%	0.001%
75	11.811	1623	1625	1626	rVV2	644	451	0.01%	0.003%
76	11.872	1629	1635	1640	rVB	3249	5758	0.12%	0.040%

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Title : VOC Analysis

77	11.994	1654	1655	1659	rVB	135	93	0.00%	0.001%
78	12.268	1699	1700	1705	rBV2	135	192	0.00%	0.001%
79	12.365	1709	1716	1723	rVB	49366	84589	1.83%	0.591%
80	12.469	1725	1733	1742	rBV	2837000	4618468	100.00%	32.287%
81	12.603	1750	1755	1762	rVB	7067	12331	0.27%	0.086%
82	12.719	1762	1774	1792	rVB2	355087	940182	20.36%	6.573%
83	12.890	1800	1802	1804	rBV2	159	109	0.00%	0.001%
84	12.939	1805	1810	1811	rBV4	637	998	0.02%	0.007%
85	13.024	1818	1824	1833	rBV	103040	171643	3.72%	1.200%
86	13.164	1845	1847	1848	rBV	390	231	0.01%	0.002%
87	13.359	1875	1879	1882	rBV2	1777	2253	0.05%	0.016%
88	13.408	1882	1887	1892	rVV4	6965	13021	0.28%	0.091%
89	13.469	1892	1897	1905	rVV2	53223	86398	1.87%	0.604%
90	13.554	1905	1911	1924	rVB	565023	929277	20.12%	6.496%
91	13.713	1933	1937	1942	rVB3	8382	12260	0.27%	0.086%
92	13.853	1953	1960	1968	rBV	436073	711095	15.40%	4.971%
93	13.999	1978	1984	1990	rBV3	13575	24275	0.53%	0.170%
94	14.066	1991	1995	2002	rVB2	7558	13089	0.28%	0.092%
95	14.201	2012	2017	2024	rVB6	1891	4289	0.09%	0.030%
96	15.133	2165	2170	2176	rBV5	1050	1903	0.04%	0.013%
97	15.359	2204	2207	2209	rBV3	453	615	0.01%	0.004%
98	15.402	2211	2214	2220	rVB3	2317	3725	0.08%	0.026%
99	15.487	2224	2228	2232	rVV	3880	5758	0.12%	0.040%
100	15.792	2274	2278	2284	rVB4	3782	5810	0.13%	0.041%

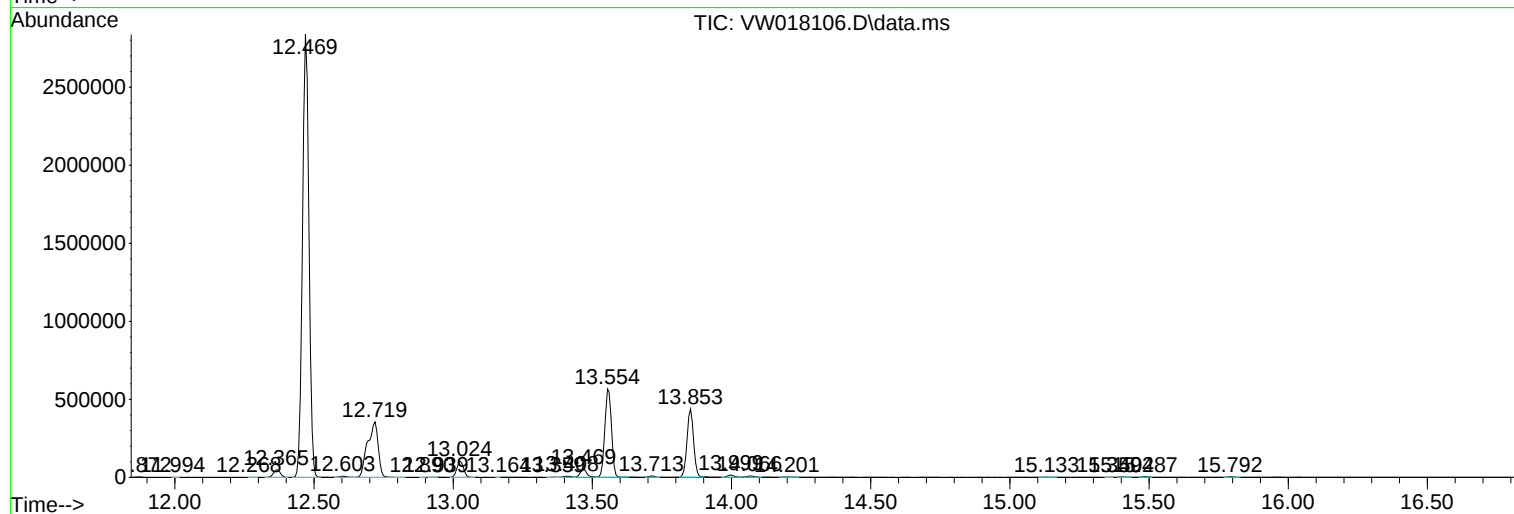
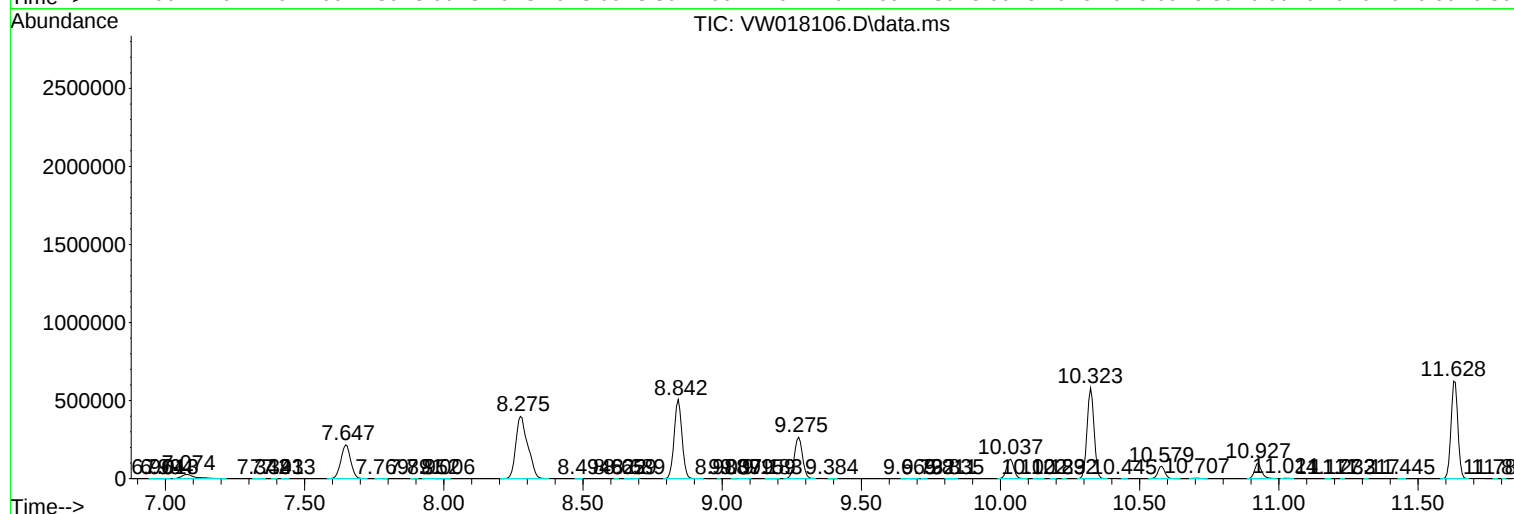
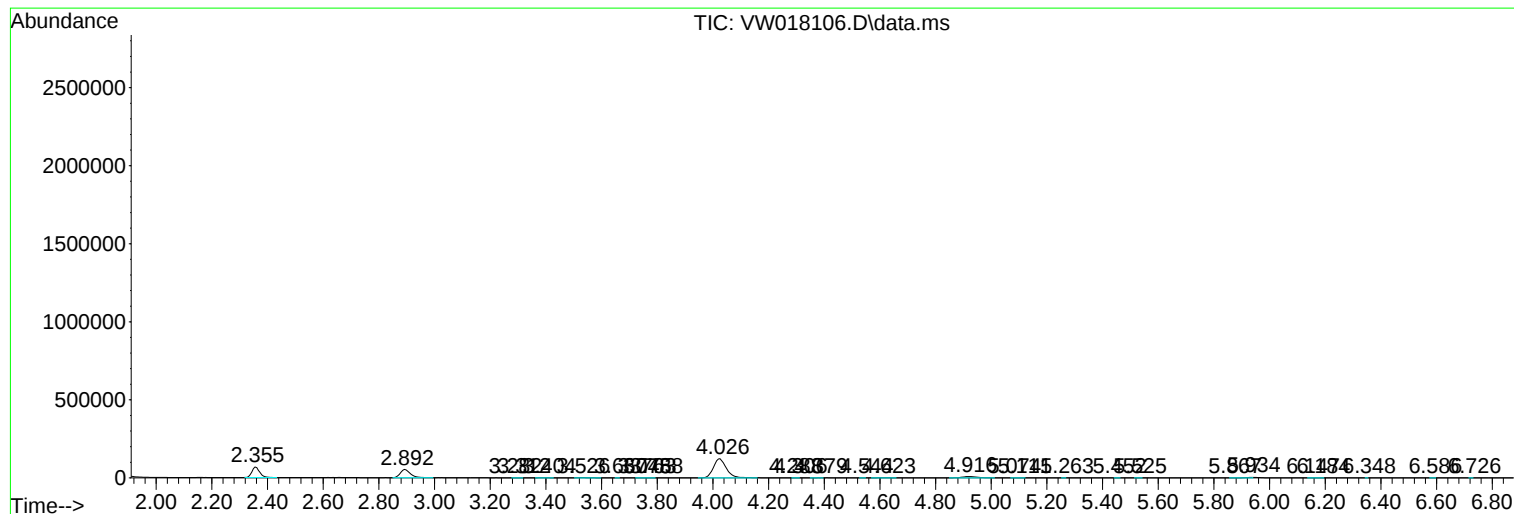
Sum of corrected areas: 14304418

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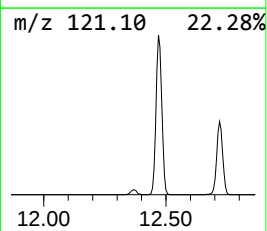
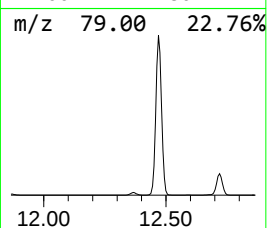
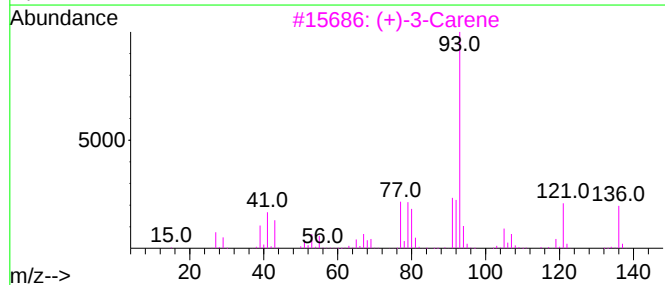
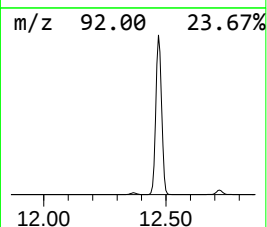
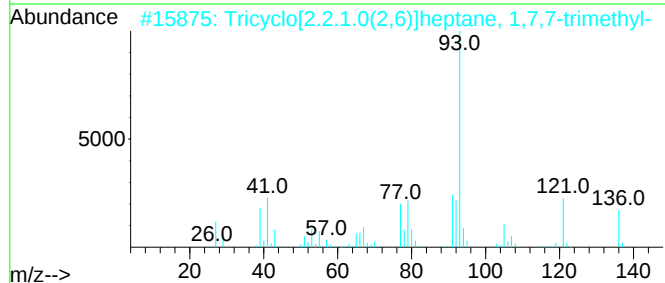
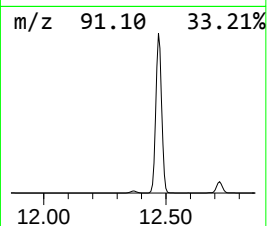
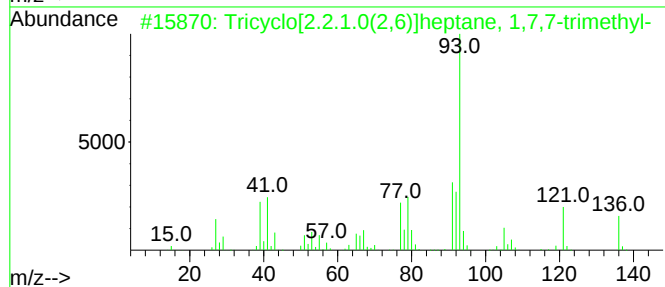
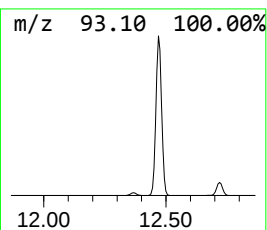
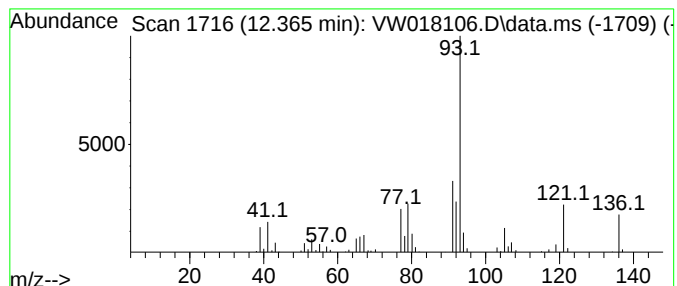
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

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

Peak Number 2 Tricyclo[2.2.1.0(2,6)]hepta... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.366	1.98 ug/L	84589	Chlorobenzene-d5	11.634	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	96
2	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	96
3	(+)-3-Carene	136	C10H16	000498-15-7	94
4	(1S)-2,6,6-Trimethylbicyclo[3.1...	136	C10H16	007785-26-4	94
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	93



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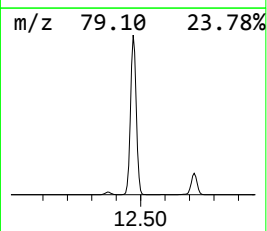
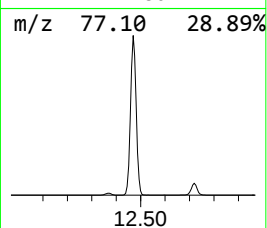
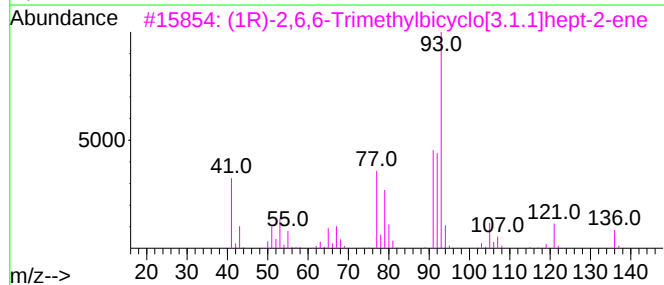
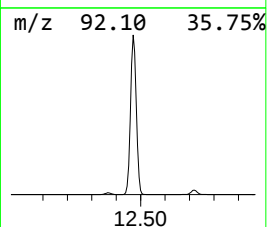
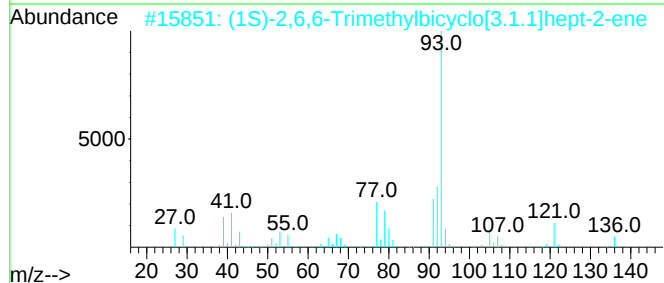
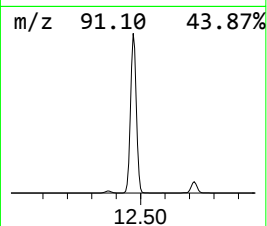
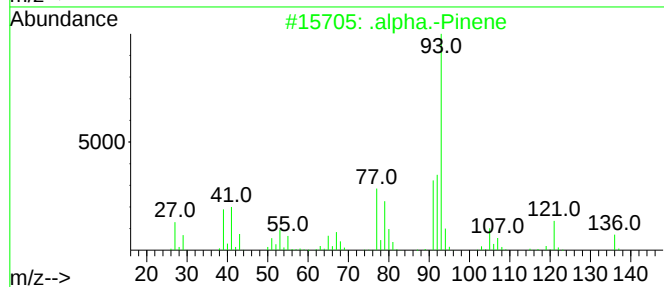
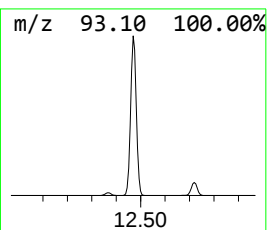
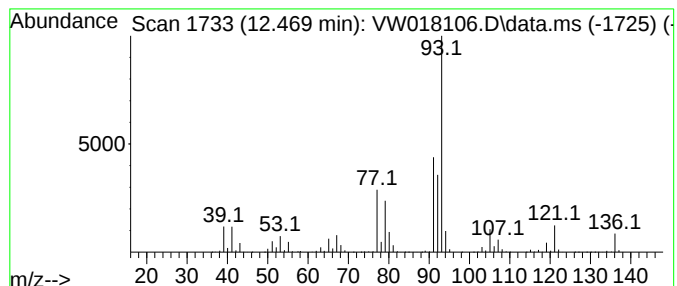
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Quant Title : VOC Analysis

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

Peak Number 3 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	108.30 ug/L	4618470	Chlorobenzene-d5	11.634

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.		.alpha.-Pinene	136	C10H16	000080-56-8	97
2	(1S)-2,6,6-Trimethylbicyclo[3.1...			136	C10H16	007785-26-4	95
3	(1R)-2,6,6-Trimethylbicyclo[3.1...			136	C10H16	007785-70-8	94
4	(1R)-2,6,6-Trimethylbicyclo[3.1...			136	C10H16	007785-70-8	94
5	.		.alpha.-Pinene	136	C10H16	000080-56-8	91



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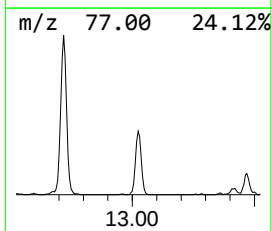
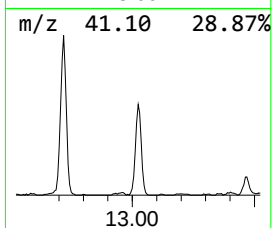
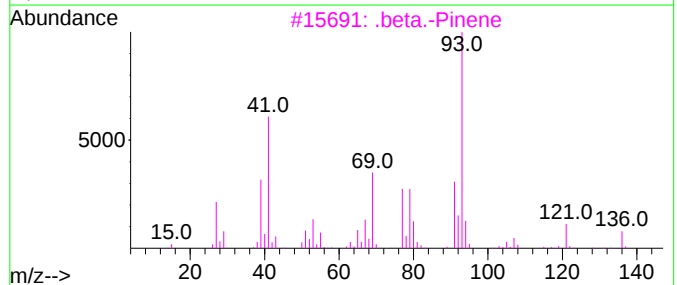
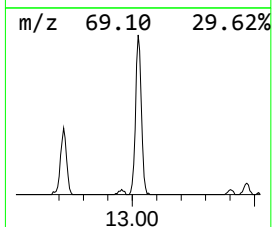
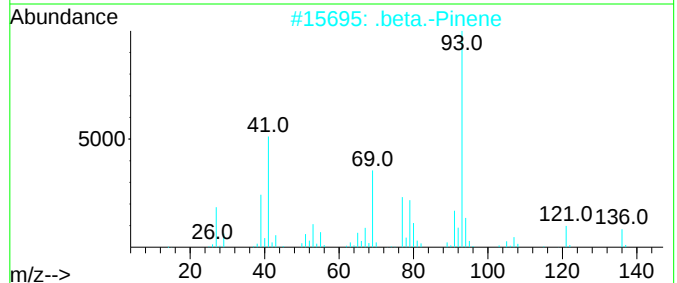
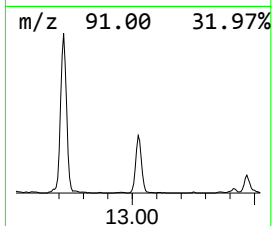
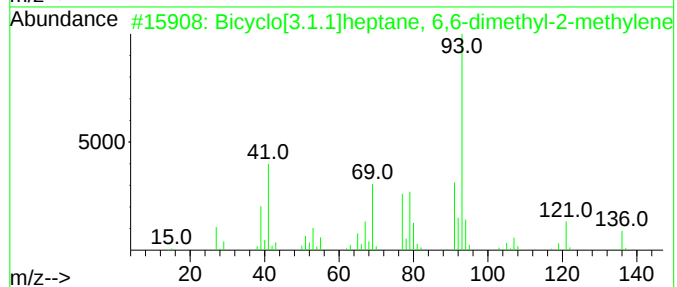
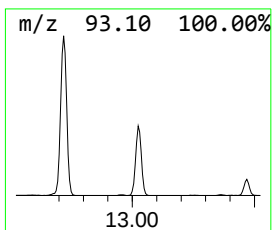
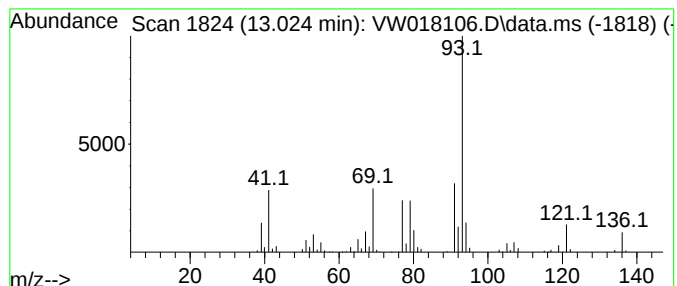
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.024	4.62 ug/L	171643	1,4-Dichlorobenzene-d4	13.560

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	94
4			.alpha.-Pinene	136	C10H16	000080-56-8	94
5			.beta.-Pinene	136	C10H16	000127-91-3	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018106.D
Acq On : 12 Feb 2021 13:35
Operator : SY/VA
Sample : M1371-20
Misc : 6.25G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBH35

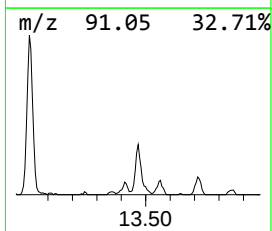
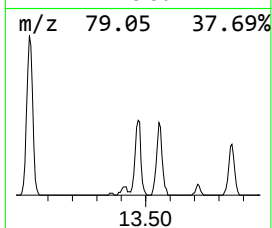
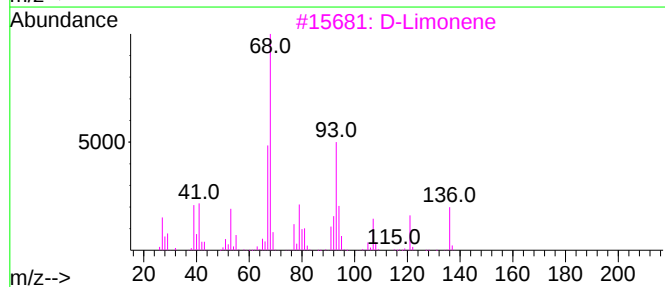
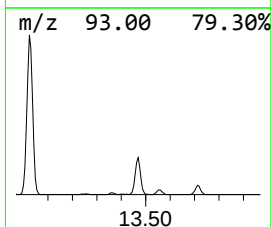
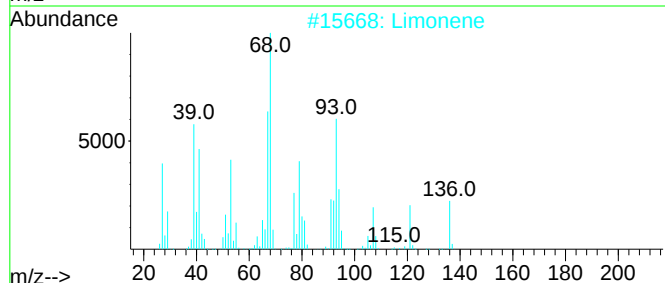
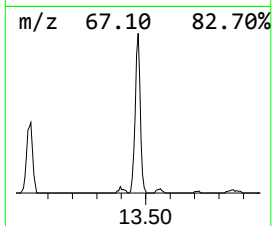
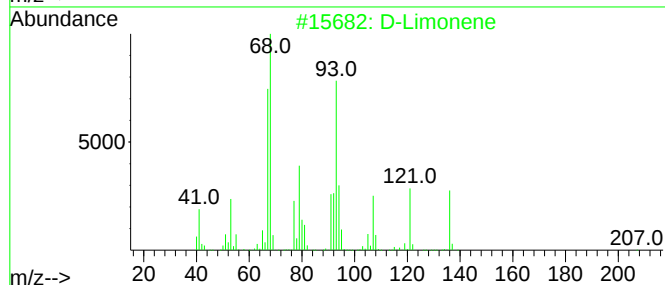
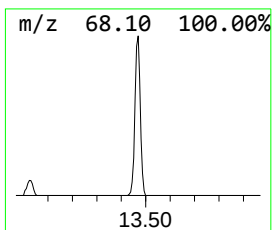
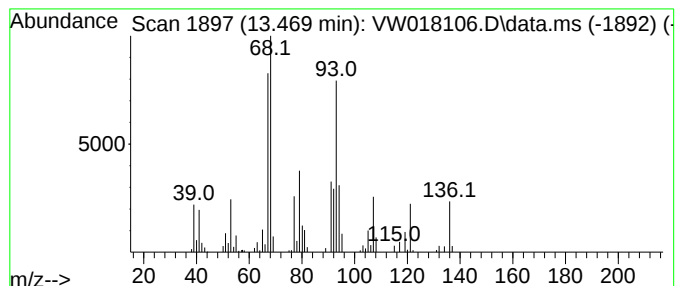
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Quant Title : VOC Analysis

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

Peak Number 5 D-Limonene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.469	2.32 ug/L	86398	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			D-Limonene	136	C10H16	005989-27-5	99
2			Limonene	136	C10H16	000138-86-3	94
3			D-Limonene	136	C10H16	005989-27-5	87
4			D-Limonene	136	C10H16	005989-27-5	87
5			D-Limonene	136	C10H16	005989-27-5	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021221\
Data File : VW018106.D
Acq On : 12 Feb 2021 13:35
Operator : SY/VA
Sample : M1371-20
Misc : 6.25G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBH35

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
Tricyclo[2.2.1....	12.366	2.0	ug/L	84589	2	11.634	1066090	25.0
.alpha.-Pinene	12.469	108.3	ug/L	4618470	2	11.634	1066090	25.0
Bicyclo[3.1.1]h...	13.024	4.6	ug/L	171643	3	13.560	929277	25.0
D-Limonene	13.469	2.3	ug/L	86398	3	13.560	929277	25.0