

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005758.D
 Acq On : 02 Oct 2018 02:22
 Operator : SY/AP
 Sample : J5181-05
 Misc : 5.76G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC34

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\SOM2WLM092818S.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	69	74	85	rVB	34286	69802	10.11%	1.011%
2	2.898	156	163	178	rBV2	26331	69455	10.06%	1.006%
3	4.013	336	346	363	rBV	64110	201193	29.13%	2.915%
4	4.611	440	444	447	rBV4	736	1390	0.20%	0.020%
5	4.916	482	494	510	rVV2	21282	74539	10.79%	1.080%
6	5.038	513	514	518	rVB3	431	402	0.06%	0.006%
7	5.074	518	520	521	rBV2	233	209	0.03%	0.003%
8	5.111	524	526	529	rVB2	223	209	0.03%	0.003%
9	5.312	558	559	562	rVB3	268	242	0.04%	0.004%
10	5.342	562	564	567	rBV2	299	349	0.05%	0.005%
11	5.379	569	570	573	rBV3	295	294	0.04%	0.004%
12	5.446	579	581	585	rVB2	369	484	0.07%	0.007%
13	5.531	593	595	598	rBV2	296	373	0.05%	0.005%
14	5.568	598	601	603	rVV3	243	281	0.04%	0.004%
15	5.604	605	607	613	rVB3	281	466	0.07%	0.007%
16	5.647	613	614	617	rBV	230	267	0.04%	0.004%
17	5.672	617	618	623	rVB2	395	468	0.07%	0.007%
18	5.733	626	628	631	rBV2	466	727	0.11%	0.011%
19	5.940	652	662	674	rVV2	9277	26994	3.91%	0.391%
20	6.037	677	678	682	rVB2	335	279	0.04%	0.004%
21	6.159	696	698	702	rVV3	295	347	0.05%	0.005%
22	6.220	706	708	711	rVV2	302	226	0.03%	0.003%
23	6.330	724	726	728	rVB	302	224	0.03%	0.003%
24	6.543	759	761	763	rBV2	186	190	0.03%	0.003%
25	6.726	787	791	794	rVV2	212	260	0.04%	0.004%
26	6.873	812	815	816	rBV	202	203	0.03%	0.003%
27	7.092	842	851	855	rBV2	12033	31808	4.61%	0.461%
28	7.427	903	906	908	rBV3	331	404	0.06%	0.006%
29	7.531	921	923	924	rBV	464	340	0.05%	0.005%
30	7.653	932	943	955	rVB	128313	311002	45.03%	4.506%
31	7.732	955	956	959	rBV2	224	243	0.04%	0.004%
32	7.854	972	976	977	rVV	250	200	0.03%	0.003%
33	8.098	1014	1016	1017	rBV2	275	195	0.03%	0.003%
34	8.135	1020	1022	1023	rBV	271	200	0.03%	0.003%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005758.D
 Acq On : 02 Oct 2018 02:22
 Operator : SY/AP
 Sample : J5181-05
 Misc : 5.76G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC34

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\SOM2WLM092818S.M
 Title : VOC Analysis

35	8.208	1031	1034	1035	rBV2	204	188	0.03%	0.003%
36	8.281	1035	1046	1060	rBV2	225526	690582	100.00%	10.005%
37	8.397	1063	1065	1067	rBV2	345	249	0.04%	0.004%
38	8.567	1088	1093	1097	rBV2	336	657	0.10%	0.010%
39	8.604	1097	1099	1100	rVV	362	193	0.03%	0.003%
40	8.695	1108	1114	1118	rBV4	629	1070	0.15%	0.016%
41	8.848	1131	1139	1150	rBV	309036	593867	86.00%	8.604%
42	9.079	1169	1177	1184	rVB6	2865	6460	0.94%	0.094%
43	9.281	1201	1210	1221	rBV	166436	339219	49.12%	4.915%
44	9.482	1239	1243	1245	rVB2	373	477	0.07%	0.007%
45	9.525	1249	1250	1253	rVB2	241	222	0.03%	0.003%
46	9.598	1258	1262	1263	rVB2	271	236	0.03%	0.003%
47	9.659	1269	1272	1273	rBV3	539	580	0.08%	0.008%
48	9.726	1282	1283	1285	rBV2	283	246	0.04%	0.004%
49	9.768	1285	1290	1295	rVB4	2014	3355	0.49%	0.049%
50	9.896	1305	1311	1318	rBV2	5810	11783	1.71%	0.171%
51	10.037	1321	1334	1343	rBV	67292	125605	18.19%	1.820%
52	10.220	1358	1364	1365	rBV2	1173	1531	0.22%	0.022%
53	10.329	1374	1382	1390	rBV	275441	489587	70.89%	7.093%
54	10.396	1390	1393	1397	rVB3	2460	3380	0.49%	0.049%
55	10.433	1397	1399	1401	rVB3	386	309	0.04%	0.004%
56	10.506	1408	1411	1415	rBV3	423	646	0.09%	0.009%
57	10.585	1417	1424	1434	rVB	48444	84981	12.31%	1.231%
58	10.652	1434	1435	1437	rBV	244	228	0.03%	0.003%
59	10.713	1437	1445	1451	rBV	17803	31123	4.51%	0.451%
60	10.866	1464	1470	1474	rBV6	3255	6604	0.96%	0.096%
61	10.933	1474	1481	1493	rVV	48644	94133	13.63%	1.364%
62	11.024	1493	1496	1498	rVV3	820	1023	0.15%	0.015%
63	11.067	1498	1503	1510	rVB	23189	37428	5.42%	0.542%
64	11.183	1518	1522	1526	rBV4	1136	1677	0.24%	0.024%
65	11.317	1542	1544	1547	rBV2	141	213	0.03%	0.003%
66	11.414	1556	1560	1561	rBV2	647	816	0.12%	0.012%
67	11.445	1561	1565	1572	rVB3	7590	12148	1.76%	0.176%
68	11.634	1589	1596	1604	rBV	372839	636567	92.18%	9.222%
69	11.731	1610	1612	1617	rVB3	1063	1556	0.23%	0.023%
70	11.799	1620	1623	1625	rBV2	340	350	0.05%	0.005%
71	11.841	1625	1630	1635	rBV5	2431	3979	0.58%	0.058%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005758.D
 Acq On : 02 Oct 2018 02:22
 Operator : SY/AP
 Sample : J5181-05
 Misc : 5.76G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC34

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\SOM2WLM092818S.M
 Title : VOC Analysis

72	11.884	1635	1637	1640	rVV2	500	536	0.08%	0.008%
73	11.908	1640	1641	1642	rVV	422	194	0.03%	0.003%
74	11.945	1645	1647	1649	rBV2	366	289	0.04%	0.004%
75	12.183	1681	1686	1691	rVB5	961	1463	0.21%	0.021%
76	12.237	1691	1695	1696	rBV2	335	345	0.05%	0.005%
77	12.341	1703	1712	1715	rBV5	1516	2711	0.39%	0.039%
78	12.372	1715	1717	1720	rVB3	543	666	0.10%	0.010%
79	12.475	1728	1734	1743	rVB	38123	62900	9.11%	0.911%
80	12.615	1750	1757	1764	rBV	23068	39210	5.68%	0.568%
81	12.701	1764	1771	1785	rVV2	115693	254253	36.82%	3.684%
82	12.859	1795	1797	1798	rBV2	436	423	0.06%	0.006%
83	12.963	1806	1814	1819	rBV4	31974	66689	9.66%	0.966%
84	13.030	1819	1825	1833	rBV	135729	230002	33.31%	3.332%
85	13.256	1857	1862	1866	rBV3	4082	6374	0.92%	0.092%
86	13.304	1866	1870	1876	rVB2	6406	10437	1.51%	0.151%
87	13.384	1877	1883	1892	rVB6	10090	19607	2.84%	0.284%
88	13.506	1892	1903	1908	rBV	313967	527310	76.36%	7.640%
89	13.566	1908	1913	1925	rVB	306002	495078	71.69%	7.173%
90	13.725	1932	1939	1949	rBV	263237	408626	59.17%	5.920%
91	13.859	1955	1961	1968	rBV	182706	302676	43.83%	4.385%
92	14.005	1979	1985	1992	rBV	253382	387837	56.16%	5.619%
93	14.213	2016	2019	2024	rVB5	2165	3524	0.51%	0.051%
94	14.737	2102	2105	2111	rVB5	3915	5834	0.84%	0.085%
95	14.816	2111	2118	2122	rBV6	2756	6227	0.90%	0.090%
96	14.969	2140	2143	2146	rBV5	818	1227	0.18%	0.018%
97	15.078	2154	2161	2171	rBV2	42933	81516	11.80%	1.181%
98	15.450	2217	2222	2228	rVB2	4529	7799	1.13%	0.113%
99	15.621	2248	2250	2254	rBV4	613	724	0.10%	0.010%
100	16.761	2436	2437	2439	rBV2	595	398	0.06%	0.006%

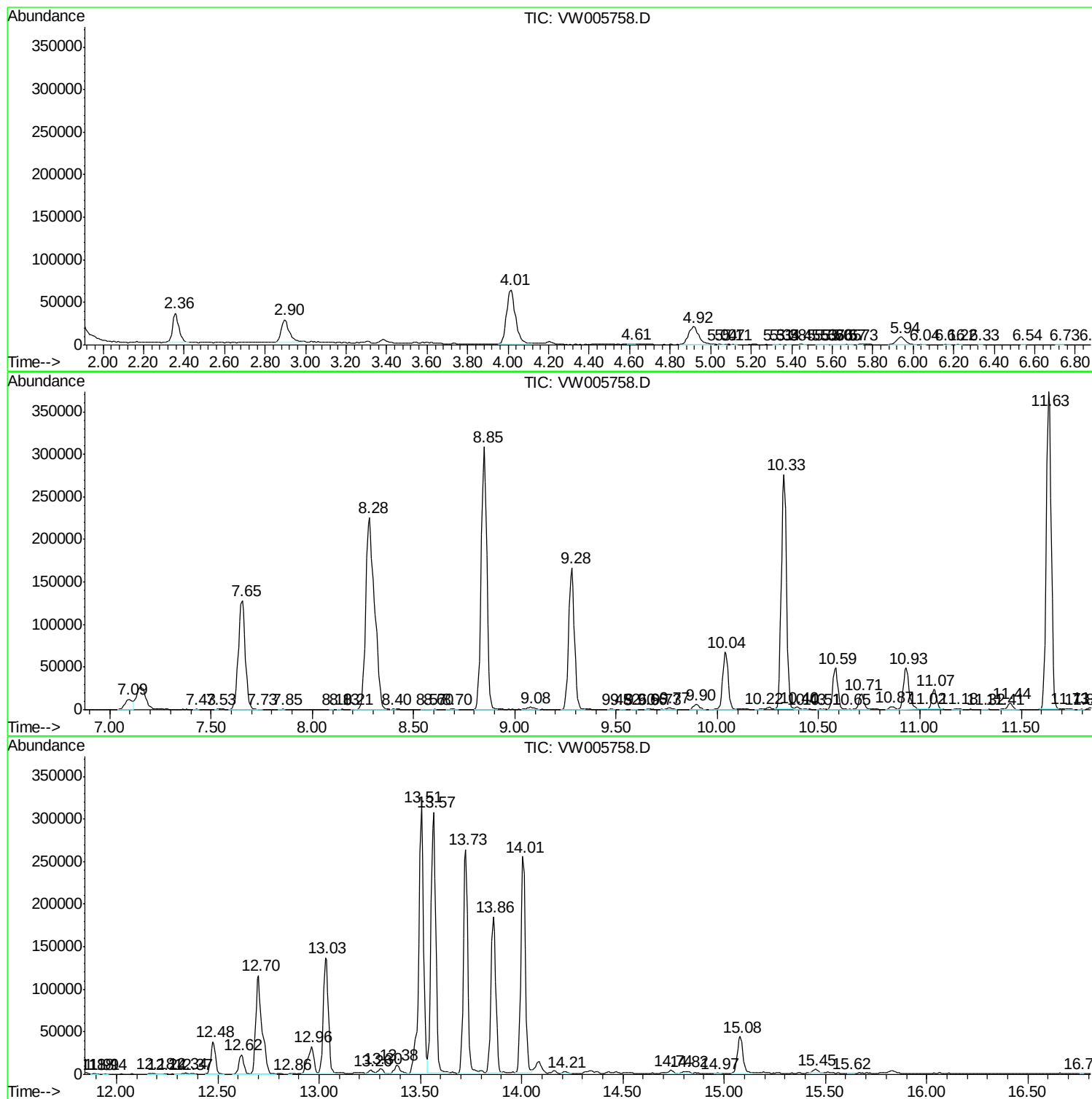
Sum of corrected areas: 6902408

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100118\
Data File : VW005758.D
Acq On : 02 Oct 2018 02:22
Operator : SY/AP
Sample : J5181-05
Misc : 5.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLC34

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100118\
Data File : VW005758.D
Acq On : 02 Oct 2018 02:22
Operator : SY/AP
Sample : J5181-05
Misc : 5.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

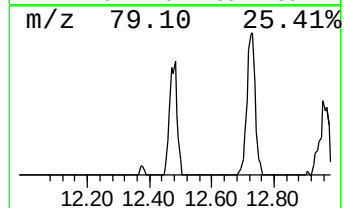
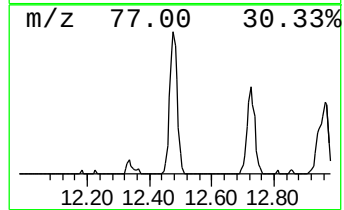
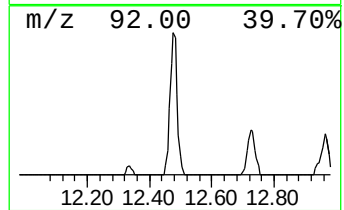
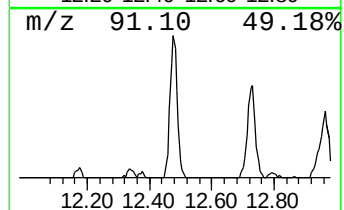
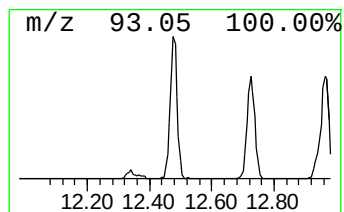
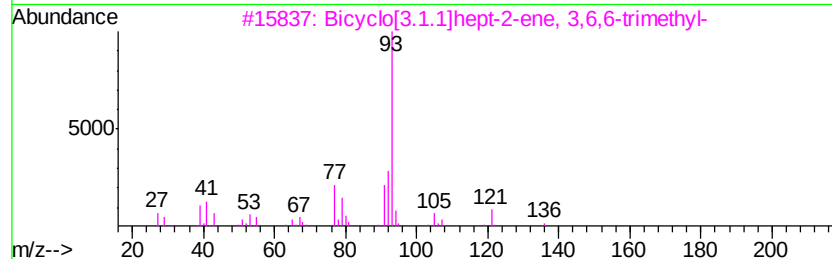
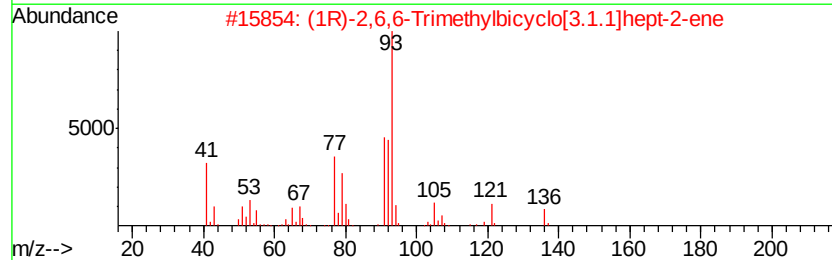
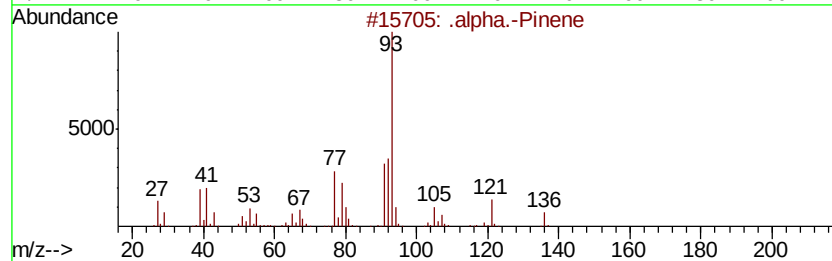
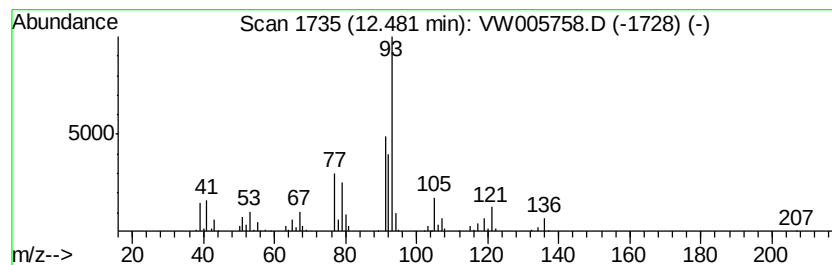
Instrument :
MSVOA_W
ClientSampleId :
JLC34

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis

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

Peak Number 3 .alpha.-Pinene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.48	2.47 ug/L	62900	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.alpha.-Pinene	136	C10H16	000080-56-8	97
2		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
3		Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
4		(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	91
5		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100118\
Data File : VW005758.D
Acq On : 02 Oct 2018 02:22
Operator : SY/AP
Sample : J5181-05
Misc : 5.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLC34

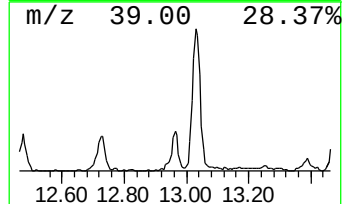
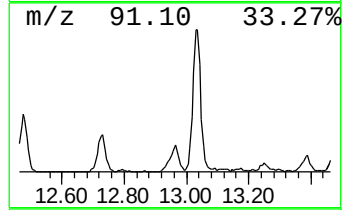
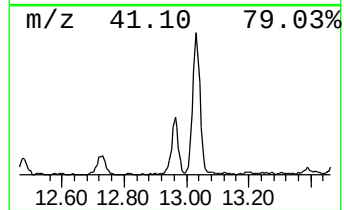
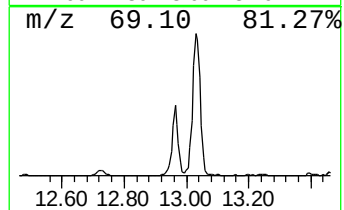
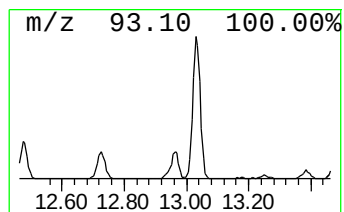
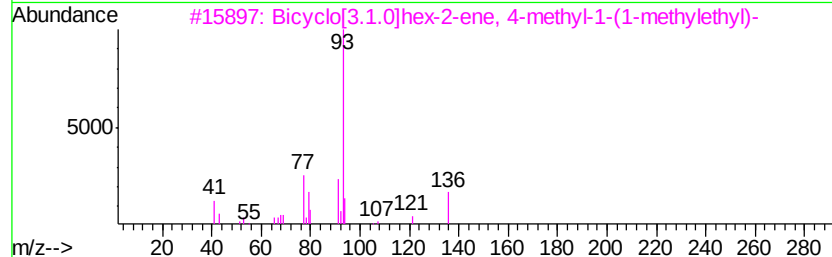
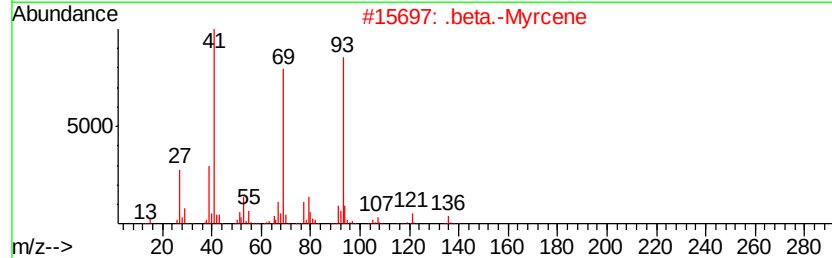
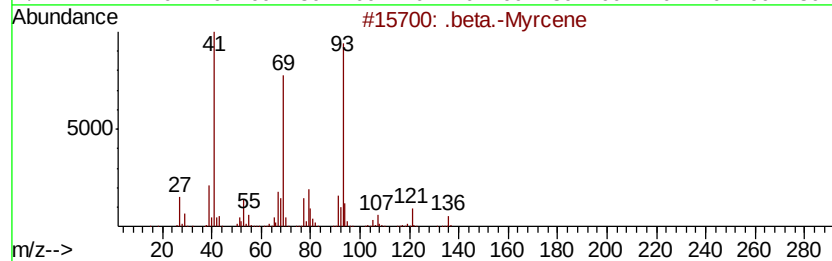
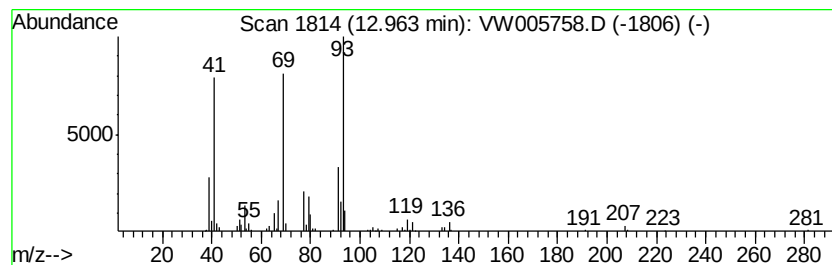
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis

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

Peak Number 5 .beta.-Myrcene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	3.37 ug/L	66689	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Myrcene	136	C10H16	000123-35-3	87
2		.beta.-Myrcene	136	C10H16	000123-35-3	80
3		Bicyclo[3.1.0]hex-2-ene, 4-methy...	136	C10H16	028634-89-1	49
4		Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	49
5		Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100118\
Data File : VW005758.D
Acq On : 02 Oct 2018 02:22
Operator : SY/AP
Sample : J5181-05
Misc : 5.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLC34

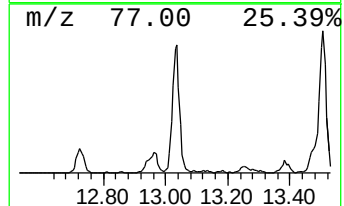
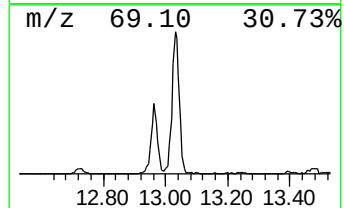
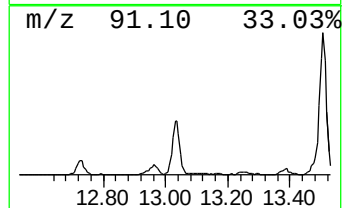
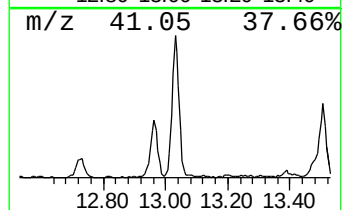
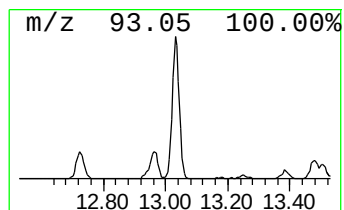
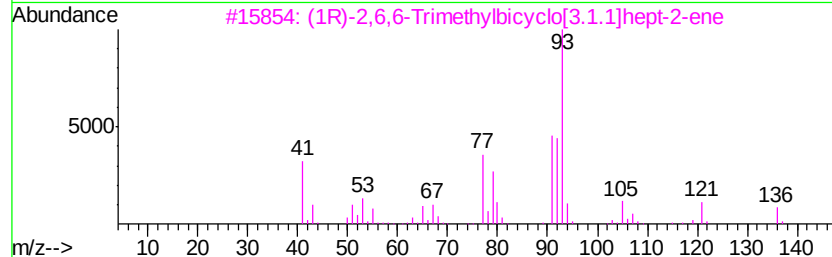
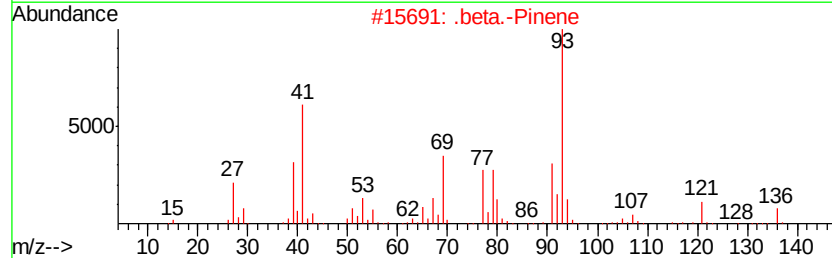
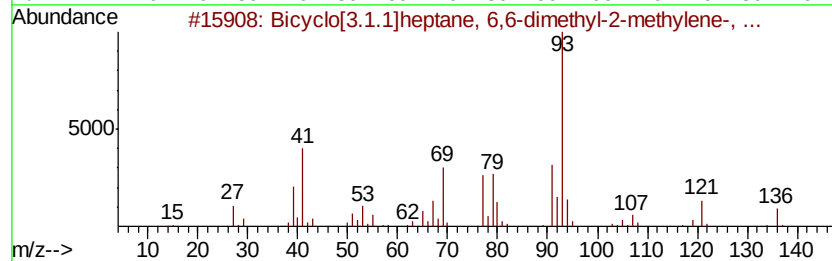
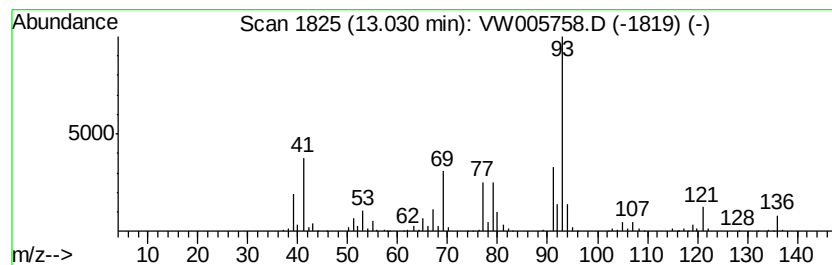
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	11.61 ug/L	230002	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	96
2		.beta.-Pinene	136	C10H16	000127-91-3	96
3		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
4		.alpha.-Pinene	136	C10H16	000080-56-8	91
5		.beta.-Pinene	136	C10H16	000127-91-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005758.D
 Acq On : 02 Oct 2018 02:22
 Operator : SY/AP
 Sample : J5181-05
 Misc : 5.76G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC34

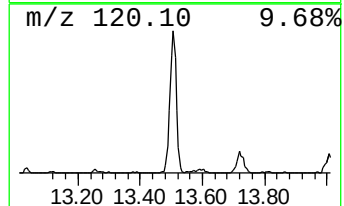
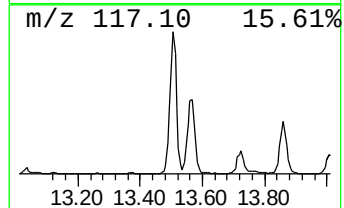
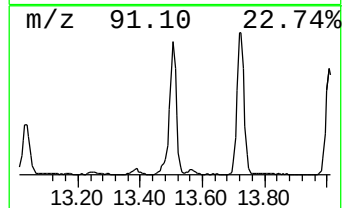
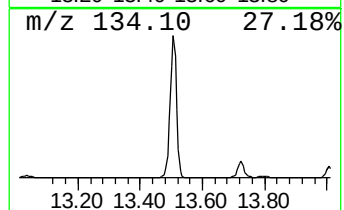
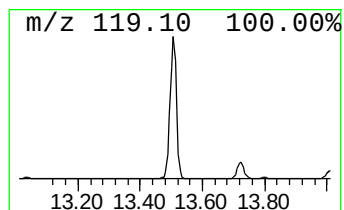
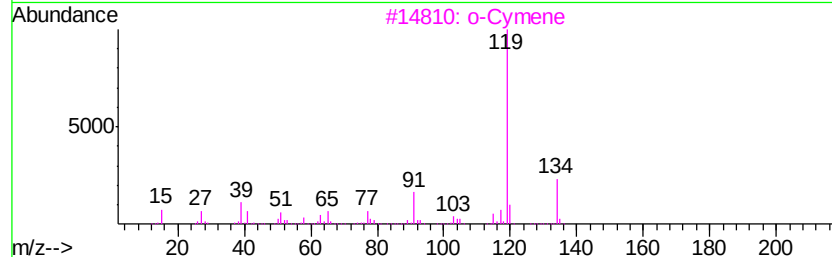
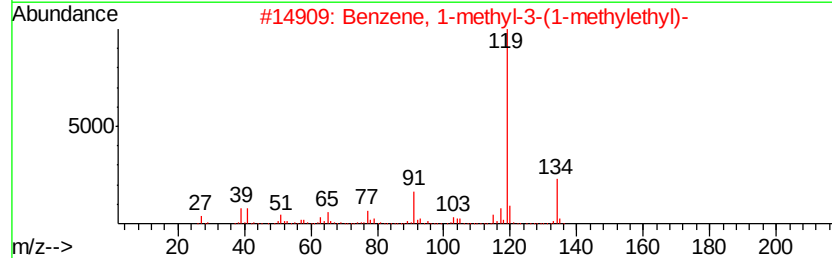
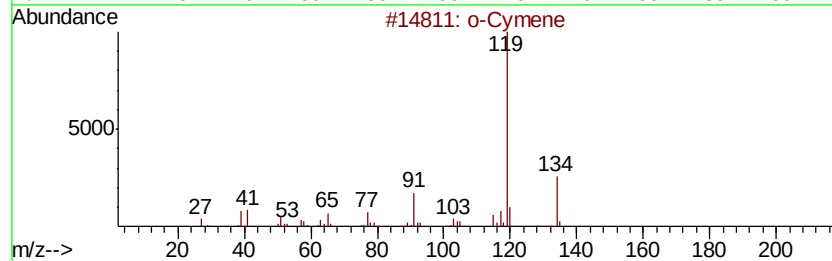
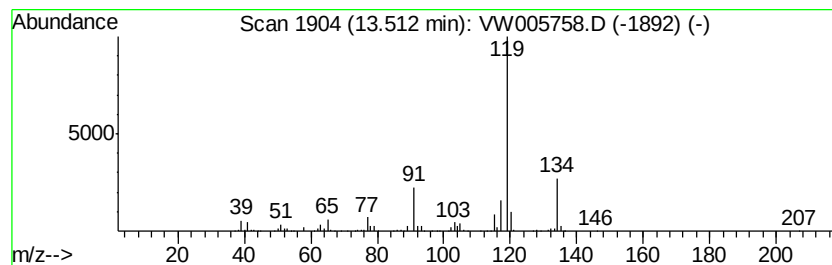
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis

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

 Peak Number 7 o-Cymene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	26.63 ug/L	527310	1,4-Dichlorobenzene-d4	13.57

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		o-Cymene	134	C10H14	000527-84-4	97
2		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3		o-Cymene	134	C10H14	000527-84-4	95
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5		o-Cymene	134	C10H14	000527-84-4	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100118\
Data File : VW005758.D
Acq On : 02 Oct 2018 02:22
Operator : SY/AP
Sample : J5181-05
Misc : 5.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLC34

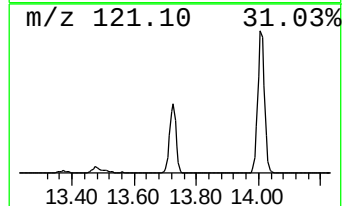
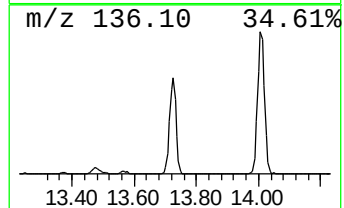
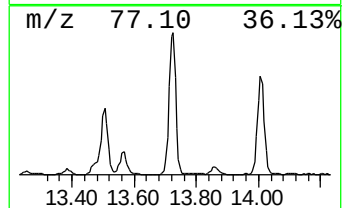
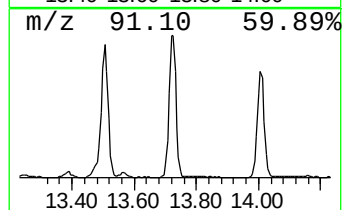
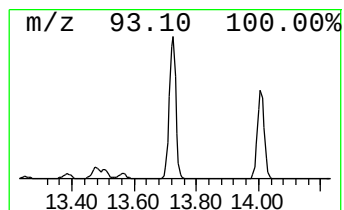
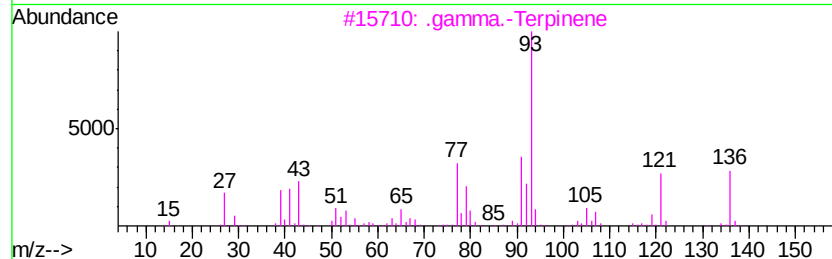
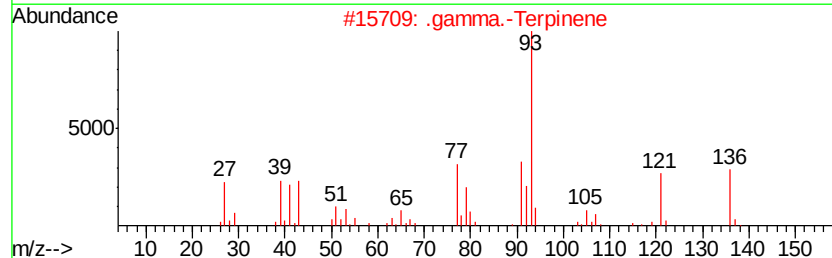
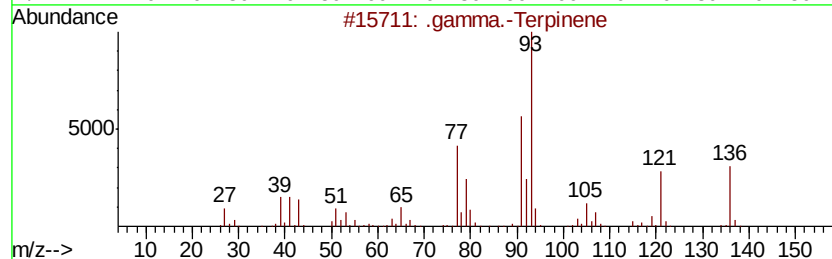
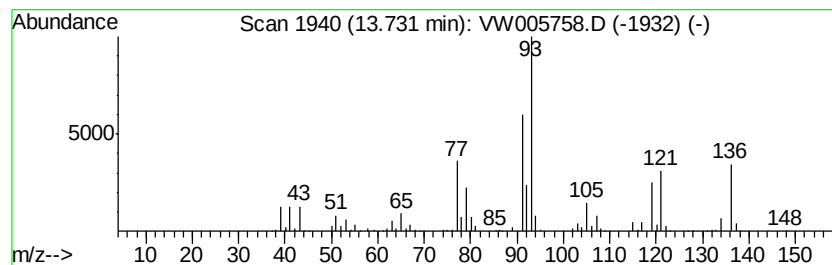
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis

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

Peak Number 8 .gamma.-Terpinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	20.63 ug/L	408626	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Terpinene	136	C10H16	000099-85-4	96
2		.gamma.-Terpinene	136	C10H16	000099-85-4	95
3		.gamma.-Terpinene	136	C10H16	000099-85-4	94
4		.gamma.-Terpinene	136	C10H16	000099-85-4	90
5		(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	83



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100118\
Data File : VW005758.D
Acq On : 02 Oct 2018 02:22
Operator : SY/AP
Sample : J5181-05
Misc : 5.76G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLC34

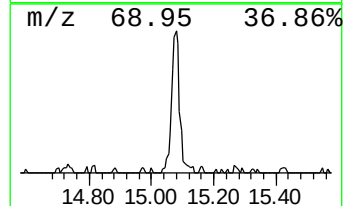
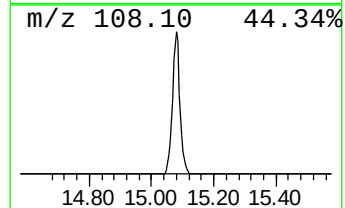
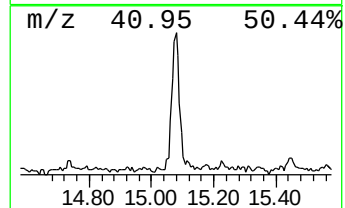
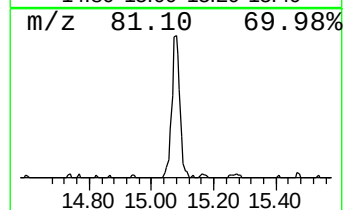
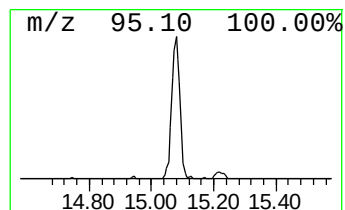
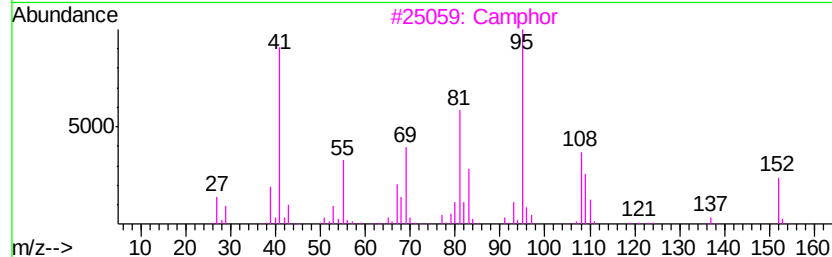
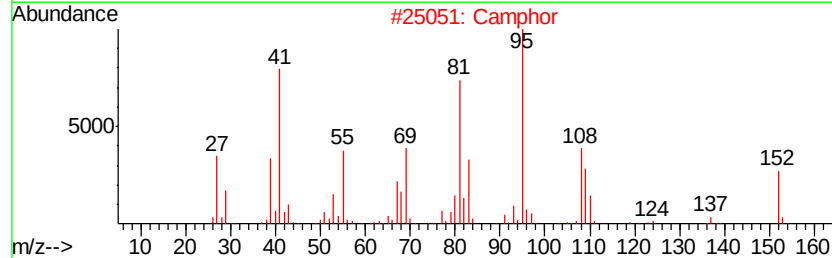
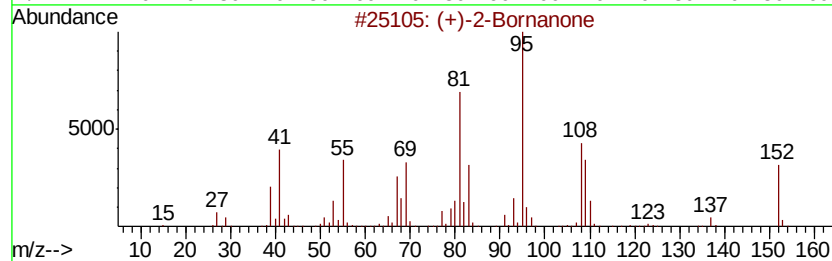
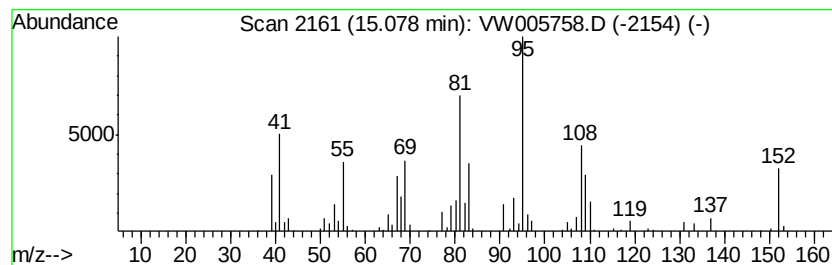
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis

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

Peak Number 10 (+)-2-Bornanone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	4.12 ug/L	81516	1,4-Dichlorobenzene-d4	13.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(+)-2-Bornanone	152	C10H16O	000464-49-3	98
2			Camphor	152	C10H16O	000076-22-2	97
3			Camphor	152	C10H16O	000076-22-2	97
4			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	96
5			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	96



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100118\
Data File : VW005758.D
Acq On : 02 Oct 2018 02:22
Operator : SY/AP
Sample : J5181-05
Misc : 5.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JLC34

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.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
.alpha.-Pinene	12.48	2.5	ug/L	62900	2	11.63	636567	25.0
.beta.-Myrcene	12.96	3.4	ug/L	66689	3	13.57	495078	25.0
Bicyclo[3.1.1]hep...	13.03	11.6	ug/L	230002	3	13.57	495078	25.0
o-Cymene	13.51	26.6	ug/L	527310	3	13.57	495078	25.0
.gamma.-Terpinene	13.73	20.6	ug/L	408626	3	13.57	495078	25.0
Cyclohexene, 1-me...	14.01	19.6	ug/L	387837	3	13.57	495078	25.0
(+)-2-Bornanone	15.08	4.1	ug/L	81516	3	13.57	495078	25.0