

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009508.D
 Acq On : 27 Mar 2019 17:34
 Operator : SY/VA
 Sample : K2065-14RE
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5M9RE

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\SOM2WLM031419S.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	70	74	83	rVB	51183	111463	11.62%	1.566%
2	3.775	305	307	310	rBV3	1898	1717	0.18%	0.024%
3	3.946	333	335	336	rBV	1719	1373	0.14%	0.019%
4	4.007	336	345	360	rVV2	92583	309546	32.27%	4.350%
5	4.349	400	401	404	rBV2	1442	1365	0.14%	0.019%
6	4.519	427	429	430	rVB	3008	1464	0.15%	0.021%
7	4.592	439	441	444	rVB	1865	1877	0.20%	0.026%
8	4.647	448	450	452	rBV	1757	2031	0.21%	0.029%
9	4.781	470	472	475	rVB3	2303	1338	0.14%	0.019%
10	4.806	475	476	479	rVB	2744	1635	0.17%	0.023%
11	4.836	479	481	482	rBV	1710	1446	0.15%	0.020%
12	4.903	484	492	506	rBV4	25545	97139	10.13%	1.365%
13	5.165	532	535	536	rBV	1690	1366	0.14%	0.019%
14	5.251	546	549	552	rBV	2208	3595	0.37%	0.051%
15	5.318	556	560	562	rVV2	2137	2867	0.30%	0.040%
16	5.354	564	566	568	rVV	2016	1658	0.17%	0.023%
17	5.385	569	571	572	rVV	2088	1248	0.13%	0.018%
18	5.403	572	574	575	rVB	1758	981	0.10%	0.014%
19	5.415	575	576	582	rBV	2025	3731	0.39%	0.052%
20	5.482	585	587	589	rBV2	1216	978	0.10%	0.014%
21	5.556	597	599	602	rBV	1421	2179	0.23%	0.031%
22	5.659	612	616	618	rVB	1723	1636	0.17%	0.023%
23	5.696	618	622	626	rVB	1626	3118	0.33%	0.044%
24	5.732	626	628	629	rBV	1511	1347	0.14%	0.019%
25	5.763	631	633	634	rBV2	1416	999	0.10%	0.014%
26	5.836	643	645	647	rVB2	2306	1350	0.14%	0.019%
27	5.879	650	652	654	rBV	3014	3262	0.34%	0.046%
28	5.921	654	659	660	rBV	10093	12615	1.32%	0.177%
29	6.104	687	689	691	rBV2	2396	1743	0.18%	0.024%
30	6.177	699	701	702	rBV	1869	1343	0.14%	0.019%
31	6.226	707	709	711	rVB	2261	1328	0.14%	0.019%
32	6.251	711	713	715	rVB	1836	1462	0.15%	0.021%
33	6.281	717	718	722	rVB	1791	1552	0.16%	0.022%
34	6.360	729	731	733	rVB	2106	1184	0.12%	0.017%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009508.D
 Acq On : 27 Mar 2019 17:34
 Operator : SY/VA
 Sample : K2065-14RE
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5M9RE

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\SOM2WLM031419S.M
 Title : VOC Analysis

35	6.397	735	737	739	rBV2	1305	1182	0.12%	0.017%
36	6.470	748	749	752	rBV	2274	1813	0.19%	0.025%
37	6.519	755	757	759	rVV	1800	1669	0.17%	0.023%
38	6.549	760	762	763	rVB	1753	1003	0.10%	0.014%
39	6.757	792	796	799	rBV	2306	2506	0.26%	0.035%
40	6.793	799	802	804	rBV	1738	2262	0.24%	0.032%
41	6.860	812	813	816	rVB2	1989	1884	0.20%	0.026%
42	6.897	818	819	821	rBV	1642	1530	0.16%	0.022%
43	7.074	841	848	869	rVB3	28438	104432	10.89%	1.468%
44	7.269	878	880	882	rBV2	2066	1509	0.16%	0.021%
45	7.317	884	888	889	rVB	1126	1162	0.12%	0.016%
46	7.537	922	924	926	rVB	2125	1598	0.17%	0.022%
47	7.641	932	941	950	rBV	201597	478196	49.85%	6.720%
48	7.763	959	961	964	rBV	2219	1660	0.17%	0.023%
49	7.854	974	976	981	rVB	1270	1626	0.17%	0.023%
50	7.909	983	985	986	rBV	1998	1408	0.15%	0.020%
51	7.970	993	995	997	rVB	2648	1990	0.21%	0.028%
52	7.994	997	999	1001	rBV	1560	1128	0.12%	0.016%
53	8.122	1018	1020	1023	rVB2	1647	1240	0.13%	0.017%
54	8.208	1033	1034	1036	rBV	1700	1366	0.14%	0.019%
55	8.275	1036	1045	1058	rVV2	303761	959287	100.00%	13.481%
56	8.421	1068	1069	1073	rVB	2470	1792	0.19%	0.025%
57	8.470	1075	1077	1079	rVB	2520	2002	0.21%	0.028%
58	8.506	1081	1083	1084	rBV2	2122	1735	0.18%	0.024%
59	8.567	1092	1093	1096	rBV2	2196	2496	0.26%	0.035%
60	8.707	1113	1116	1117	rVB	2212	1870	0.19%	0.026%
61	8.842	1130	1138	1152	rVB	366822	728711	75.96%	10.241%
62	9.031	1167	1169	1170	rBV2	2488	2165	0.23%	0.030%
63	9.153	1188	1189	1192	rVB	2857	1953	0.20%	0.027%
64	9.274	1200	1209	1218	rBV	239795	499684	52.09%	7.022%
65	9.335	1218	1219	1223	rVB2	2084	1563	0.16%	0.022%
66	9.500	1245	1246	1248	rBV	2059	2006	0.21%	0.028%
67	9.561	1253	1256	1257	rBV2	1481	1267	0.13%	0.018%
68	9.659	1267	1272	1273	rBV2	2647	3707	0.39%	0.052%
69	9.695	1276	1278	1281	rBV	1815	1779	0.19%	0.025%
70	9.744	1283	1286	1288	rBV2	3457	4720	0.49%	0.066%
71	9.890	1306	1310	1320	rVB4	7725	15326	1.60%	0.215%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009508.D
 Acq On : 27 Mar 2019 17:34
 Operator : SY/VA
 Sample : K2065-14RE
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5M9RE

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\SOM2WLM031419S.M
 Title : VOC Analysis

72	9.963	1320	1322	1324	rVB	1867	1121	0.12%	0.016%
73	10.030	1327	1333	1341	rBV	87611	162805	16.97%	2.288%
74	10.122	1346	1348	1354	rVB3	3133	5779	0.60%	0.081%
75	10.171	1354	1356	1358	rBV	1778	1817	0.19%	0.026%
76	10.323	1374	1381	1390	rBV	371844	647443	67.49%	9.099%
77	10.579	1417	1423	1430	rVB	63380	110428	11.51%	1.552%
78	10.841	1464	1466	1474	rVB5	8060	15280	1.59%	0.215%
79	10.927	1474	1480	1490	rBV3	104096	237426	24.75%	3.337%
80	11.634	1589	1596	1604	rVB	457267	780815	81.40%	10.973%
81	11.829	1626	1628	1630	rBV	2632	2279	0.24%	0.032%
82	12.262	1697	1699	1703	rVB2	2281	2766	0.29%	0.039%
83	12.371	1713	1717	1720	rVB4	5157	8551	0.89%	0.120%
84	12.475	1728	1734	1740	rVB2	41618	74941	7.81%	1.053%
85	12.615	1751	1757	1763	rVB4	11195	19988	2.08%	0.281%
86	12.695	1763	1770	1780	rBV	205753	382643	39.89%	5.377%
87	12.835	1791	1793	1795	rBV2	2169	1456	0.15%	0.020%
88	13.030	1819	1825	1837	rVB3	50342	89523	9.33%	1.258%
89	13.115	1837	1839	1841	rBV	2407	2025	0.21%	0.028%
90	13.402	1884	1886	1887	rBV	5069	3404	0.35%	0.048%
91	13.475	1892	1898	1901	rBV2	44941	75826	7.90%	1.066%
92	13.560	1906	1912	1918	rVB	358247	572122	59.64%	8.040%
93	13.774	1942	1947	1953	rBV4	4202	8837	0.92%	0.124%
94	13.853	1954	1960	1967	rVV	268958	452205	47.14%	6.355%
95	14.072	1991	1996	2002	rBV2	11817	19978	2.08%	0.281%
96	14.603	2081	2083	2086	rBV	2346	2029	0.21%	0.029%
97	14.847	2121	2123	2124	rBV	2293	1960	0.20%	0.028%
98	14.902	2131	2132	2133	rBV	2609	1505	0.16%	0.021%
99	15.718	2264	2266	2269	rVB	3750	2482	0.26%	0.035%
100	16.395	2376	2377	2378	rBV	2060	1132	0.12%	0.016%

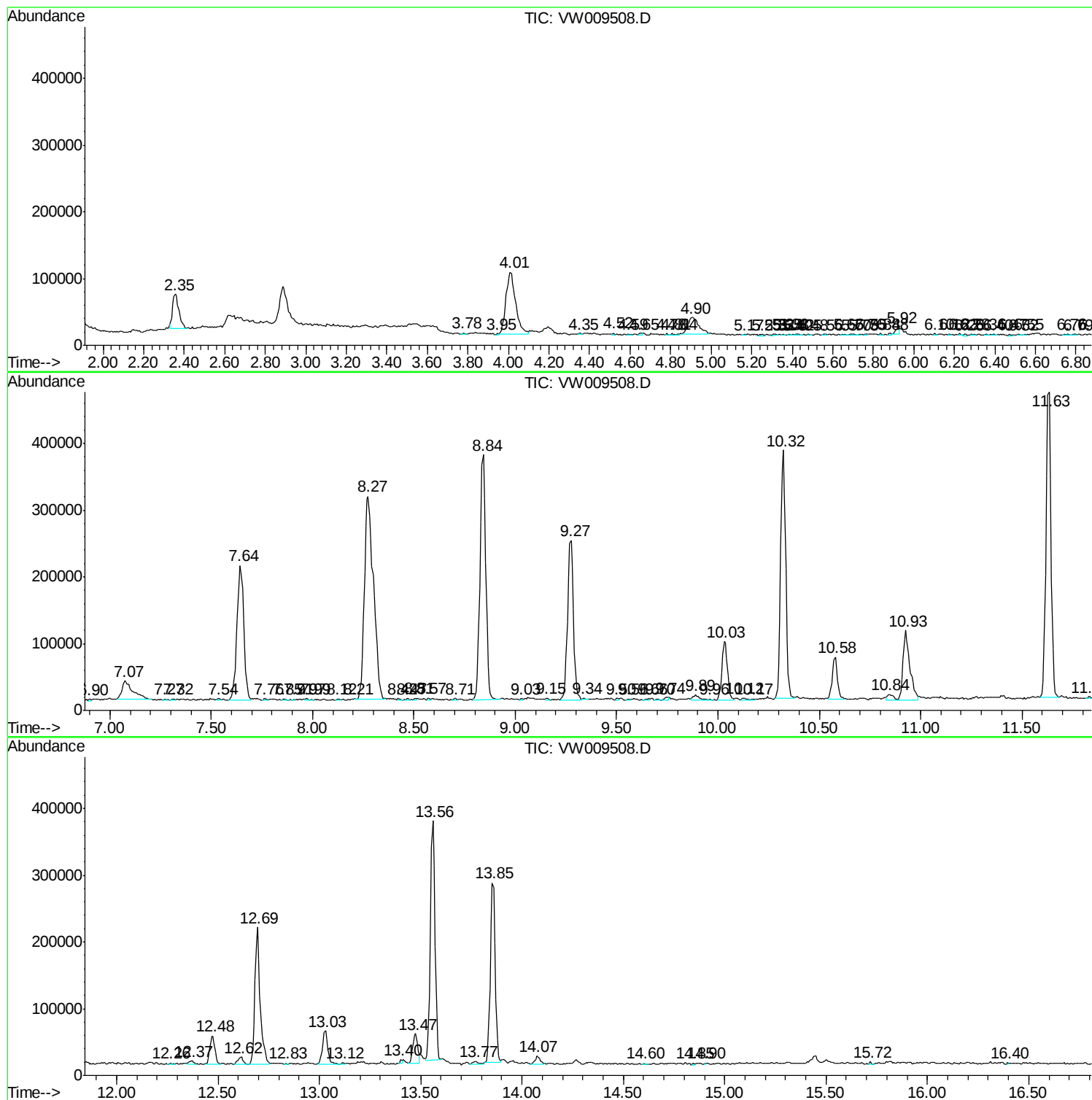
Sum of corrected areas: 7115729

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032719\
Data File : VW009508.D
Acq On : 27 Mar 2019 17:34
Operator : SY/VA
Sample : K2065-14RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5M9RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032719\
Data File : VW009508.D
Acq On : 27 Mar 2019 17:34
Operator : SY/VA
Sample : K2065-14RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5M9RE

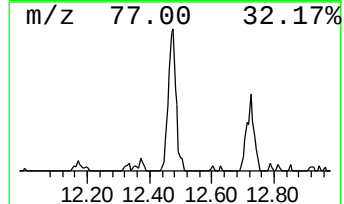
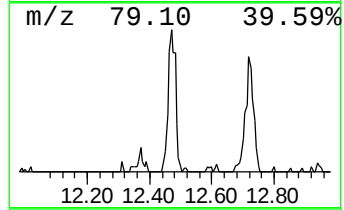
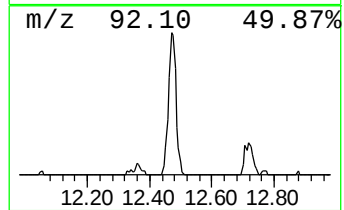
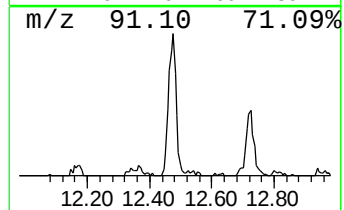
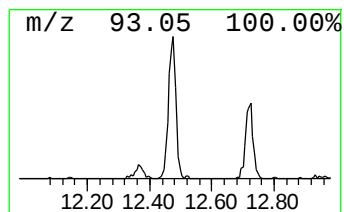
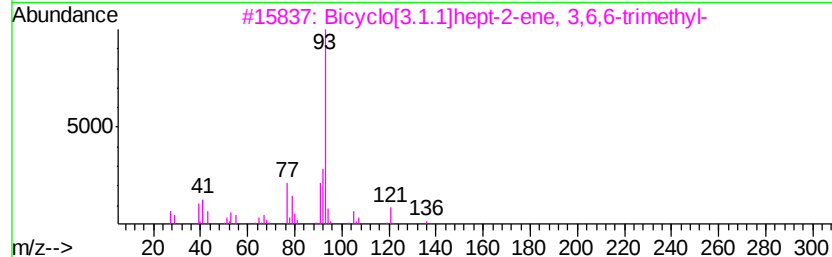
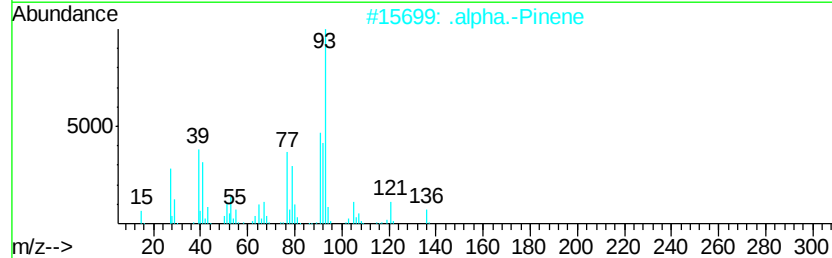
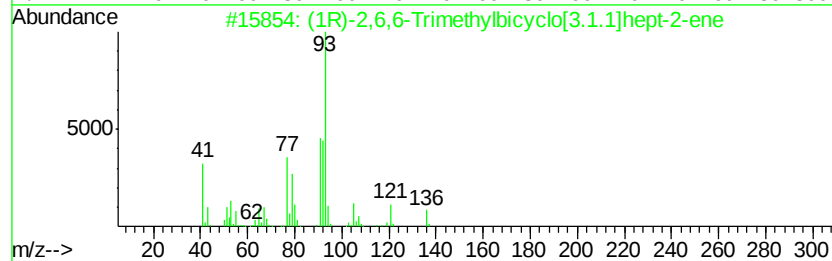
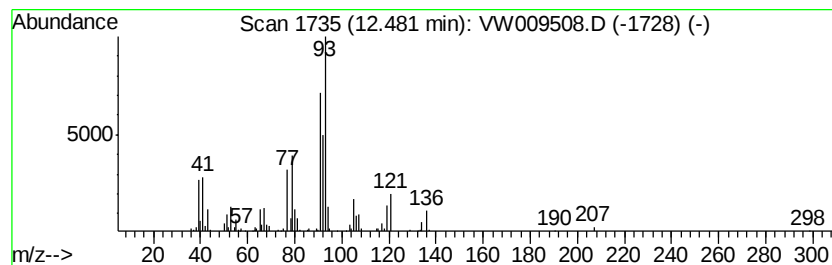
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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.
12.48	2.40 ug/L	74941	Chlorobenzene-d5	11.63

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	97
3		Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	91
4		.alpha.-Pinene	136	C10H16	000080-56-8	91
5		(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032719\
Data File : VW009508.D
Acq On : 27 Mar 2019 17:34
Operator : SY/VA
Sample : K2065-14RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

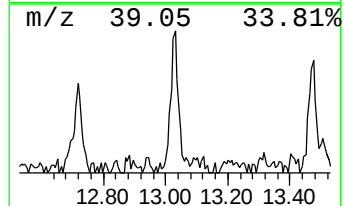
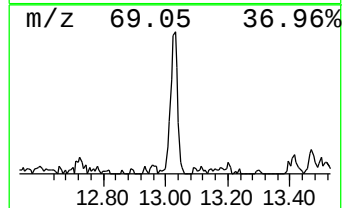
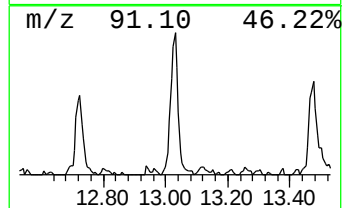
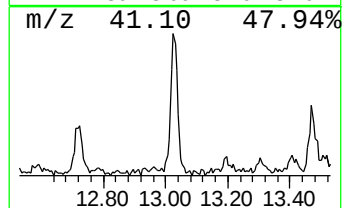
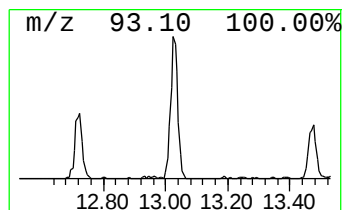
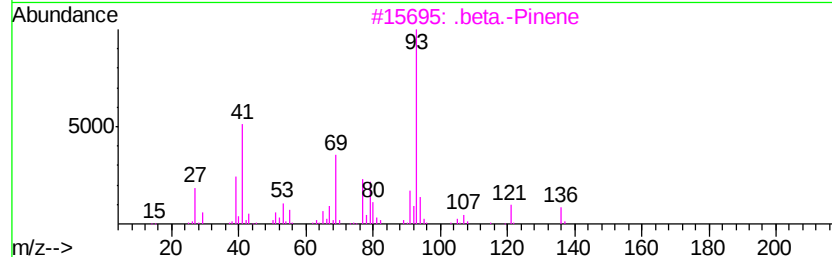
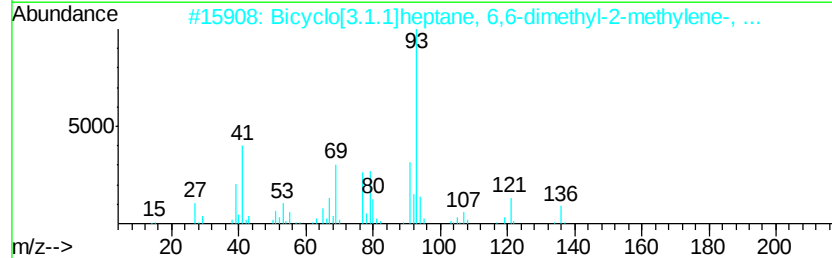
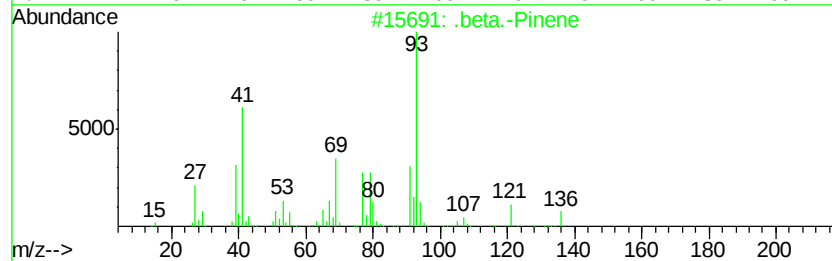
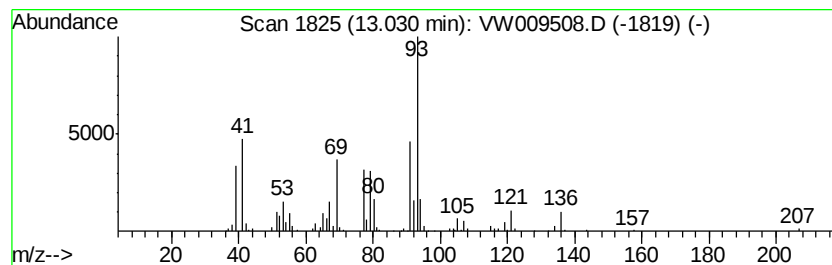
Instrument :
MSVOA_W
ClientSampleId :
BF5M9RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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

Peak Number 3 .beta.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	3.91 ug/L	89523	1,4-Dichlorobenzene-d4	13.56
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 95
3		.beta.-Pinene	136 C10H16	000127-91-3 91
4		Bicyclo[3.1.0]hexane, 4-methylen...	136 C10H16	003387-41-5 91
5		(1R)-2,6,6-Trimethylbicyclo[3.1....	136 C10H16	007785-70-8 90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032719\
Data File : VW009508.D
Acq On : 27 Mar 2019 17:34
Operator : SY/VA
Sample : K2065-14RE
Misc : 5.05G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5M9RE

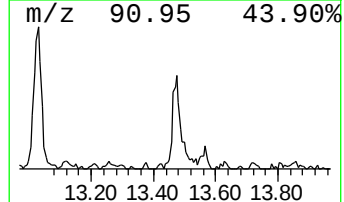
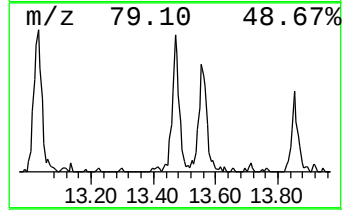
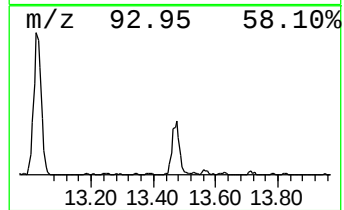
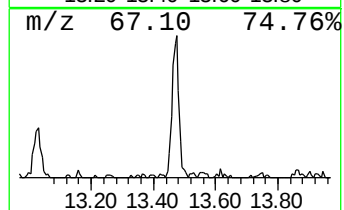
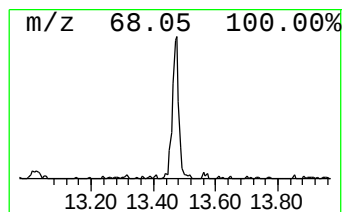
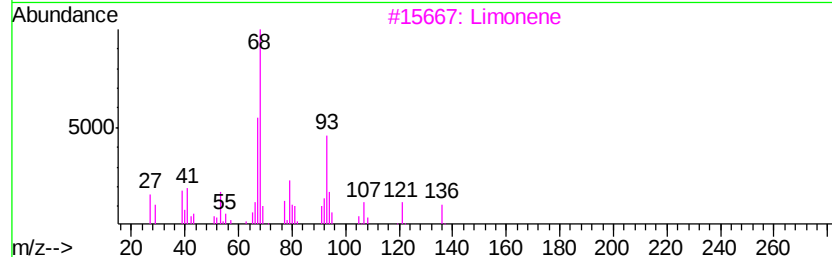
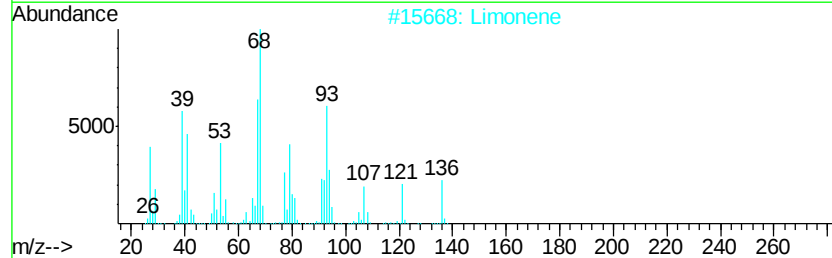
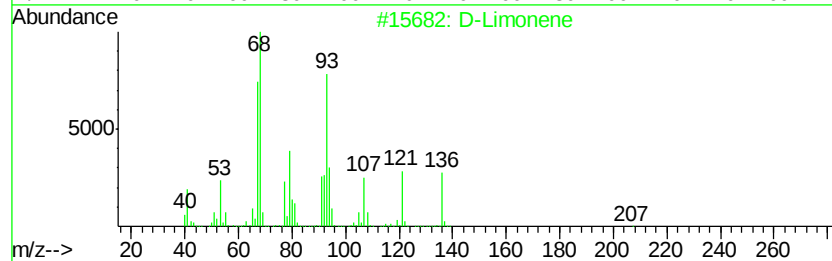
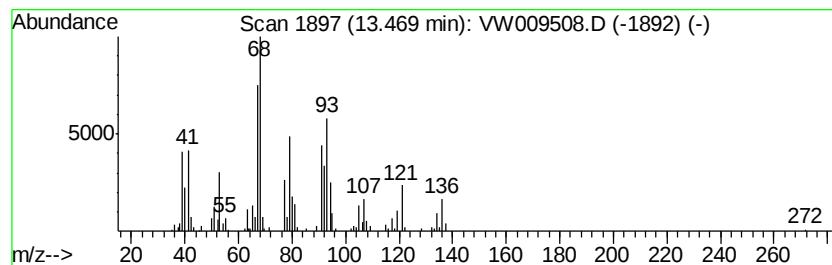
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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.
13.47	3.31 ug/L	75826	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Limonene	136	C10H16	005989-27-5	97
2		Limonene	136	C10H16	000138-86-3	91
3		Limonene	136	C10H16	000138-86-3	83
4		D-Limonene	136	C10H16	005989-27-5	76
5		D-Limonene	136	C10H16	005989-27-5	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW032719\
Data File : VW009508.D
Acq On : 27 Mar 2019 17:34
Operator : SY/VA
Sample : K2065-14RE
Misc : 5.05G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5M9RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.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-Trimet...	12.48	2.4	ug/L	74941	2	11.63	780815	25.0
.beta.-Pinene	13.03	3.9	ug/L	89523	3	13.56	572122	25.0
D-Limonene	13.47	3.3	ug/L	75826	3	13.56	572122	25.0