

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071319\
 Data File : VW011243.D
 Acq On : 12 Jul 2019 16:40
 Operator : SY/VA
 Sample : K3760-09
 Misc : 6.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB8Y9

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\SOM2WLM070219S.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	2.343	67	72	83	rVB	45984	75865	2.74%	0.942%
2	2.885	155	161	173	rVB	29335	70416	2.54%	0.874%
3	4.007	334	345	359	rBV	75387	226246	8.17%	2.808%
4	4.361	401	403	404	rVB2	406	260	0.01%	0.003%
5	4.391	404	408	410	rBV4	623	1087	0.04%	0.013%
6	4.538	428	432	433	rBV3	562	423	0.02%	0.005%
7	4.592	436	441	442	rBV2	996	1125	0.04%	0.014%
8	4.849	481	483	485	rBV	530	497	0.02%	0.006%
9	5.013	507	510	511	rBV3	443	381	0.01%	0.005%
10	5.318	558	560	562	rBV3	290	255	0.01%	0.003%
11	5.434	577	579	583	rBV2	430	525	0.02%	0.007%
12	5.507	589	591	592	rVV	347	249	0.01%	0.003%
13	5.525	592	594	596	rVB2	291	251	0.01%	0.003%
14	5.623	608	610	613	rBV3	384	451	0.02%	0.006%
15	5.653	613	615	618	rVV	330	328	0.01%	0.004%
16	5.690	618	621	622	rVB	414	289	0.01%	0.004%
17	5.854	646	648	650	rVB	373	350	0.01%	0.004%
18	5.934	650	661	669	rBV5	2360	7873	0.28%	0.098%
19	6.025	675	676	681	rVB	492	296	0.01%	0.004%
20	6.336	726	727	729	rBV2	320	259	0.01%	0.003%
21	6.360	729	731	734	rBV	245	274	0.01%	0.003%
22	6.452	744	746	748	rVB	354	284	0.01%	0.004%
23	6.488	751	752	755	rVV3	430	363	0.01%	0.005%
24	6.543	757	761	762	rVV2	511	553	0.02%	0.007%
25	6.580	765	767	771	rVB4	378	480	0.02%	0.006%
26	6.623	771	774	777	rVB2	329	341	0.01%	0.004%
27	6.659	777	780	782	rBV	305	380	0.01%	0.005%
28	6.909	817	821	824	rVB3	386	422	0.02%	0.005%
29	6.970	824	831	833	rBV3	693	1448	0.05%	0.018%
30	7.074	839	848	865	rBV	32846	101730	3.67%	1.263%
31	7.525	920	922	925	rBV2	457	464	0.02%	0.006%
32	7.549	925	926	930	rVB2	675	592	0.02%	0.007%
33	7.647	930	942	955	rBV	120197	300662	10.85%	3.732%
34	7.860	975	977	979	rVB2	411	301	0.01%	0.004%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071319\
 Data File : VW011243.D
 Acq On : 12 Jul 2019 16:40
 Operator : SY/VA
 Sample : K3760-09
 Misc : 6.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB8Y9

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\SOM2WLM070219S.M
 Title : VOC Analysis

35	7.885	979	981	984	rBV2	320	341	0.01%	0.004%
36	8.006	1000	1001	1003	rVB	518	338	0.01%	0.004%
37	8.025	1003	1004	1007	rBV2	274	324	0.01%	0.004%
38	8.104	1016	1017	1019	rBV2	436	351	0.01%	0.004%
39	8.165	1025	1027	1028	rBV	349	311	0.01%	0.004%
40	8.275	1035	1045	1060	rBV2	248086	750219	27.08%	9.313%
41	8.695	1108	1114	1116	rBV2	812	1392	0.05%	0.017%
42	8.750	1122	1123	1127	rVB2	395	412	0.01%	0.005%
43	8.842	1129	1138	1150	rVV	222409	448296	16.18%	5.565%
44	8.976	1157	1160	1162	rBV2	255	335	0.01%	0.004%
45	9.073	1166	1176	1182	rVV8	1464	4016	0.14%	0.050%
46	9.153	1188	1189	1191	rVB	413	251	0.01%	0.003%
47	9.275	1201	1209	1222	rBV	186309	378408	13.66%	4.697%
48	9.421	1231	1233	1234	rBV	431	274	0.01%	0.003%
49	9.494	1240	1245	1247	rVB3	284	484	0.02%	0.006%
50	9.524	1247	1250	1251	rBV	350	283	0.01%	0.004%
51	9.585	1258	1260	1262	rBV	263	302	0.01%	0.004%
52	9.659	1267	1272	1278	rVB8	1644	3467	0.13%	0.043%
53	9.707	1278	1280	1282	rBV2	287	247	0.01%	0.003%
54	9.768	1288	1290	1292	rBV	357	322	0.01%	0.004%
55	9.805	1295	1296	1299	rVB2	340	276	0.01%	0.003%
56	9.835	1299	1301	1305	rBV2	529	725	0.03%	0.009%
57	9.878	1306	1308	1311	rVB	457	397	0.01%	0.005%
58	9.951	1317	1320	1321	rBV2	351	270	0.01%	0.003%
59	10.037	1325	1334	1345	rVV	81950	153142	5.53%	1.901%
60	10.128	1345	1349	1354	rVB4	1337	2362	0.09%	0.029%
61	10.323	1373	1381	1388	rBV	316703	551717	19.92%	6.849%
62	10.579	1416	1423	1433	rBV	53498	95388	3.44%	1.184%
63	10.671	1436	1438	1439	rVV	720	441	0.02%	0.005%
64	10.707	1439	1444	1449	rVB2	2499	4251	0.15%	0.053%
65	10.799	1456	1459	1460	rBV	505	471	0.02%	0.006%
66	10.829	1463	1464	1466	rVB2	463	263	0.01%	0.003%
67	10.866	1468	1470	1472	rVB2	492	395	0.01%	0.005%
68	10.927	1472	1480	1492	rBV	97836	175749	6.34%	2.182%
69	11.067	1501	1503	1505	rBV2	1008	1087	0.04%	0.013%
70	11.146	1514	1516	1518	rBV3	483	354	0.01%	0.004%
71	11.238	1529	1531	1534	rVB2	340	330	0.01%	0.004%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071319\
 Data File : VW011243.D
 Acq On : 12 Jul 2019 16:40
 Operator : SY/VA
 Sample : K3760-09
 Misc : 6.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB8Y9

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\SOM2WLM070219S.M
 Title : VOC Analysis

72	11.445	1563	1565	1568	rVB	348	320	0.01%	0.004%
73	11.628	1588	1595	1605	rBV	290558	498417	17.99%	6.187%
74	11.731	1609	1612	1617	rVB3	1094	1339	0.05%	0.017%
75	11.798	1622	1623	1625	rVB2	629	391	0.01%	0.005%
76	11.841	1625	1630	1636	rBV5	1098	2072	0.07%	0.026%
77	12.024	1657	1660	1662	rBV2	342	436	0.02%	0.005%
78	12.183	1680	1686	1695	rVB	11436	19952	0.72%	0.248%
79	12.335	1705	1711	1714	rBV	8579	14871	0.54%	0.185%
80	12.469	1725	1733	1746	rBV	1684277	2770235	100.00%	34.388%
81	12.609	1752	1756	1761	rVB	3552	5559	0.20%	0.069%
82	12.695	1763	1770	1771	rBV	154678	221206	7.99%	2.746%
83	12.957	1805	1813	1819	rBV3	23644	44221	1.60%	0.549%
84	13.024	1819	1824	1831	rVB	63474	106991	3.86%	1.328%
85	13.213	1852	1855	1860	rBV6	2145	3501	0.13%	0.043%
86	13.365	1876	1880	1885	rBV6	2263	3236	0.12%	0.040%
87	13.469	1891	1897	1905	rBV2	30586	56284	2.03%	0.699%
88	13.560	1905	1912	1921	rVB	251461	412959	14.91%	5.126%
89	13.713	1933	1937	1943	rVB4	4443	6887	0.25%	0.085%
90	13.853	1950	1960	1968	rBV	236497	392901	14.18%	4.877%
91	13.999	1980	1984	1991	rBV5	4867	7675	0.28%	0.095%
92	14.072	1993	1996	2001	rVB3	2640	4100	0.15%	0.051%
93	14.432	2053	2055	2058	rBV5	836	987	0.04%	0.012%
94	14.688	2094	2097	2099	rBV4	1129	1398	0.05%	0.017%
95	14.743	2101	2106	2112	rVB5	6857	13124	0.47%	0.163%
96	14.981	2141	2145	2148	rVB2	817	1008	0.04%	0.013%
97	15.072	2155	2160	2165	rBV3	8010	13152	0.47%	0.163%
98	15.237	2182	2187	2192	rVB3	9527	15833	0.57%	0.197%
99	15.304	2193	2198	2205	rVB	33863	55613	2.01%	0.690%
100	15.426	2215	2218	2224	rVB3	4633	7450	0.27%	0.092%

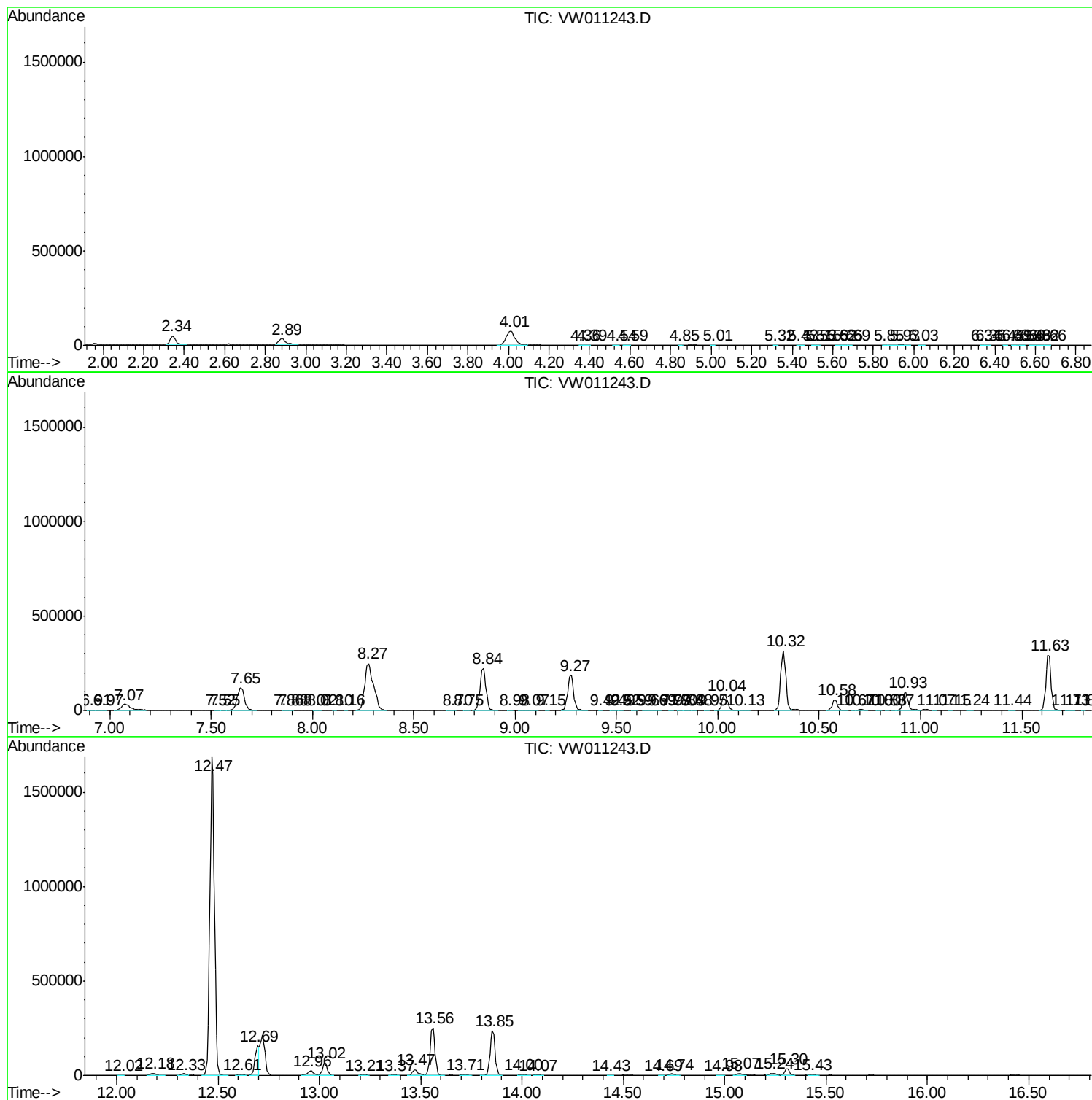
Sum of corrected areas: 8055829

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071319\
Data File : VW011243.D
Acq On : 12 Jul 2019 16:40
Operator : SY/VA
Sample : K3760-09
Misc : 6.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071319\
Data File : VW011243.D
Acq On : 12 Jul 2019 16:40
Operator : SY/VA
Sample : K3760-09
Misc : 6.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8Y9

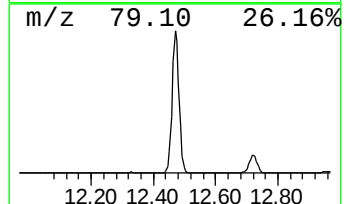
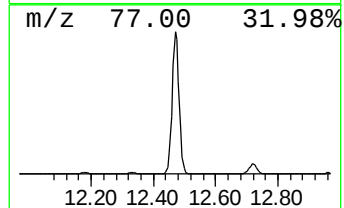
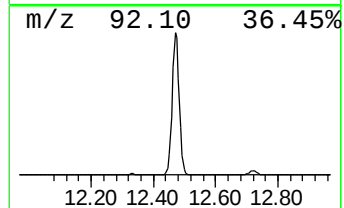
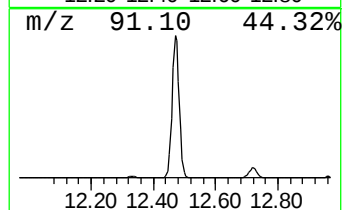
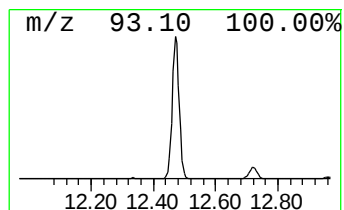
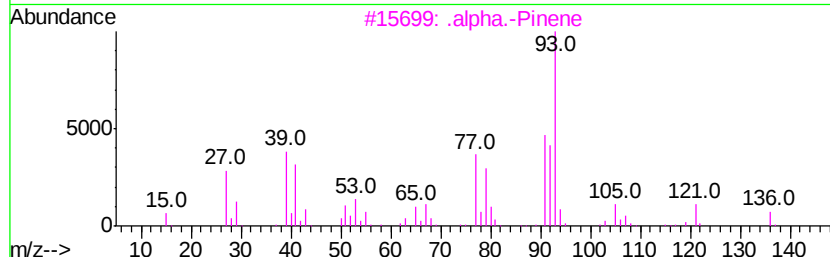
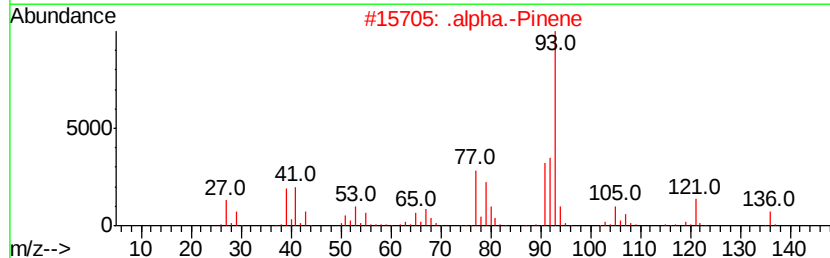
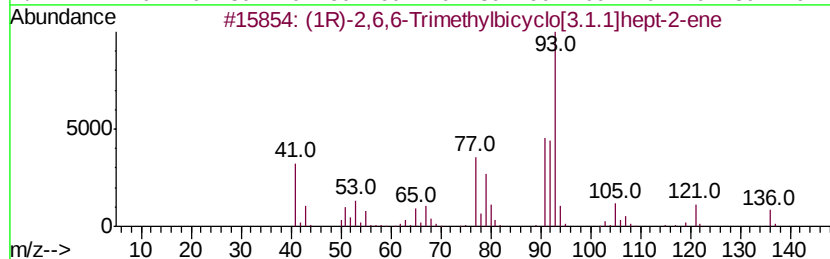
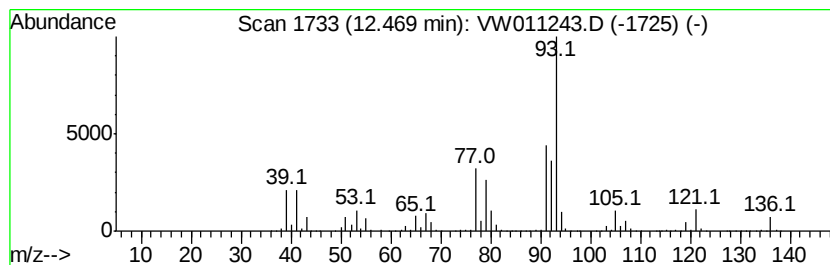
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	138.95 ug/L	2770240	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		.alpha.-Pinene	136	C10H16	000080-56-8	95
4		(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	94
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\VW071319\
Data File : VW011243.D
Acq On : 12 Jul 2019 16:40
Operator : SY/VA
Sample : K3760-09
Misc : 6.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8Y9

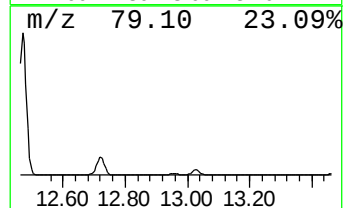
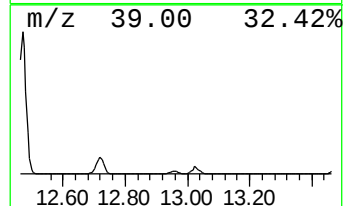
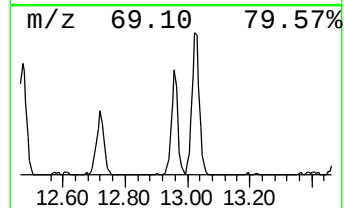
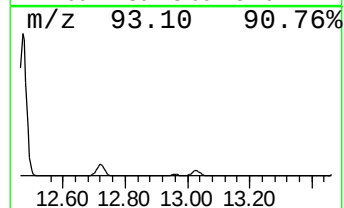
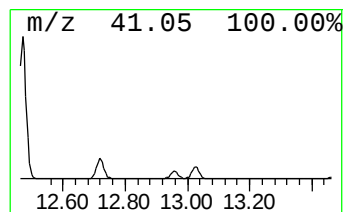
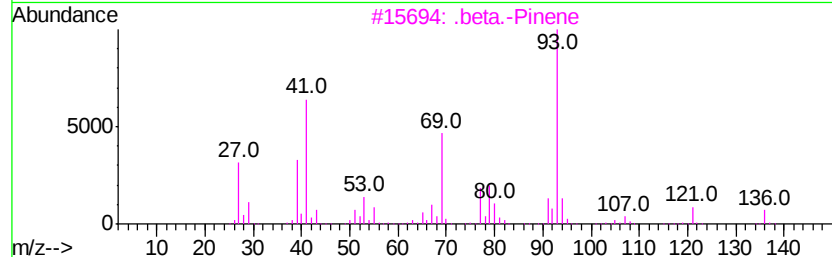
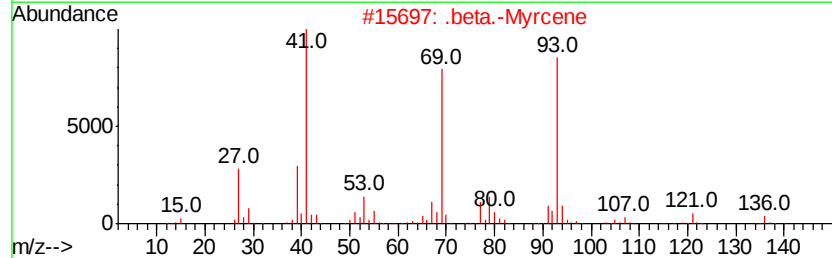
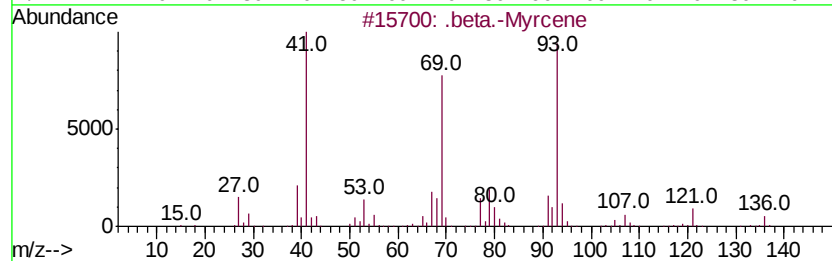
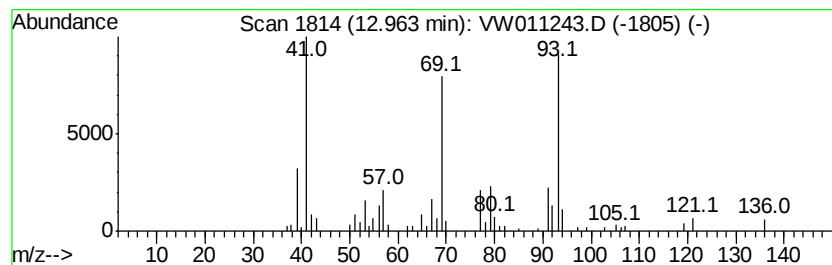
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 3 .beta.-Myrcene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	2.68 ug/L	44221	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Myrcene	136	C10H16	000123-35-3	94
2		.beta.-Myrcene	136	C10H16	000123-35-3	93
3		.beta.-Pinene	136	C10H16	000127-91-3	64
4		Ethanone, 1-cyclopropyl-2-(4-pyr...	161	C10H11NO	006580-95-6	59
5		.beta.-Pinene	136	C10H16	000127-91-3	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071319\
Data File : VW011243.D
Acq On : 12 Jul 2019 16:40
Operator : SY/VA
Sample : K3760-09
Misc : 6.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8Y9

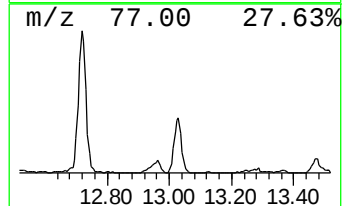
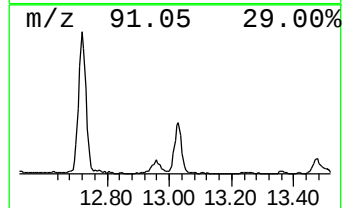
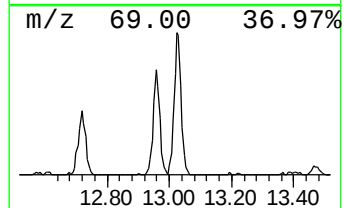
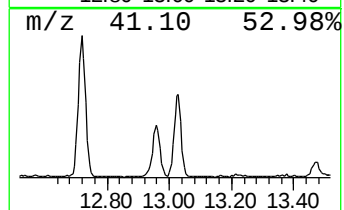
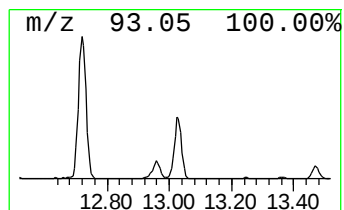
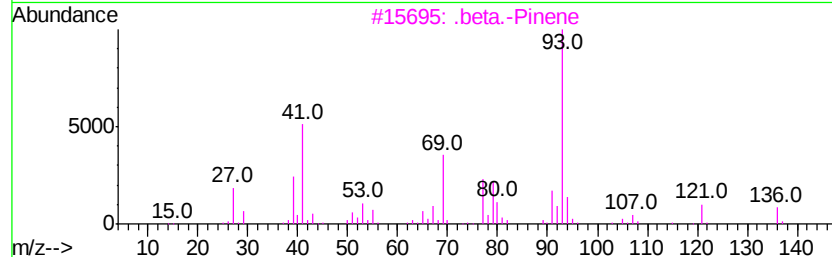
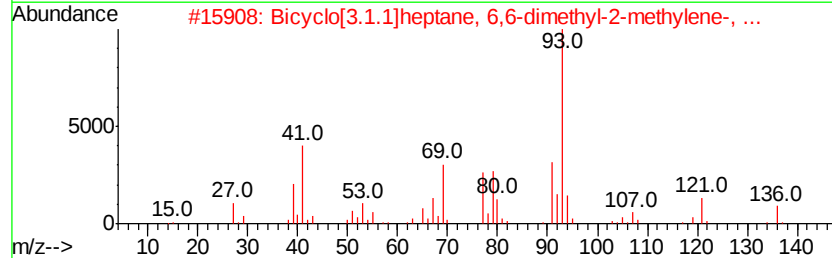
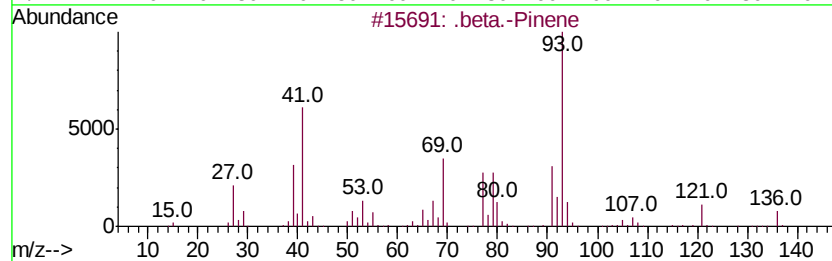
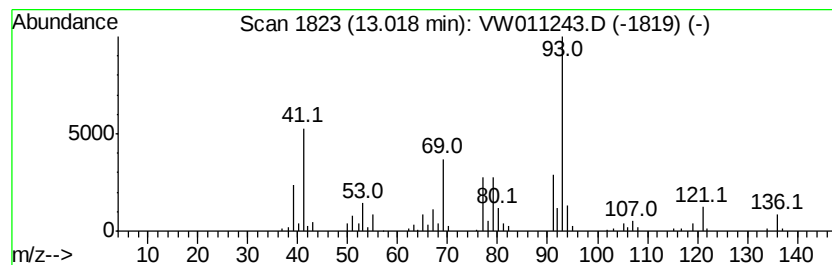
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 4 .beta.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	6.48 ug/L	106991	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.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	95
4		.beta.-Pinene	136	C10H16	000127-91-3	91
5		.beta.-Pinene	136	C10H16	000127-91-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071319\
Data File : VW011243.D
Acq On : 12 Jul 2019 16:40
Operator : SY/VA
Sample : K3760-09
Misc : 6.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8Y9

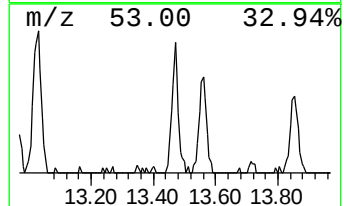
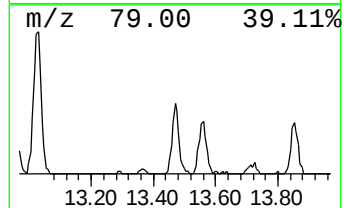
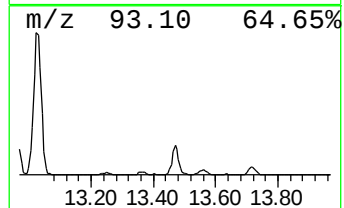
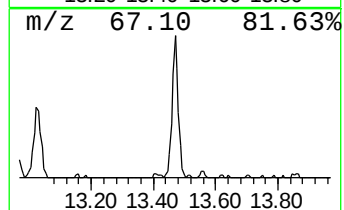
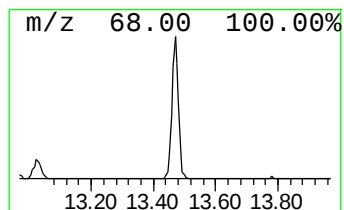
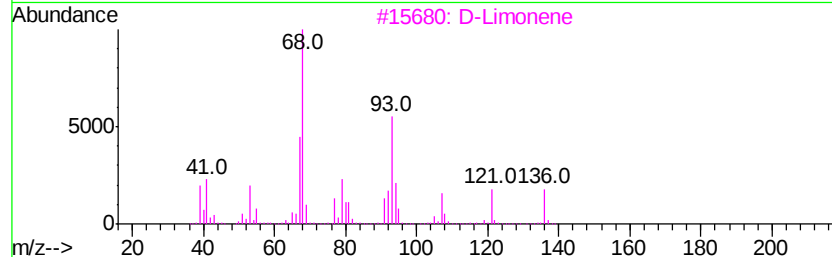
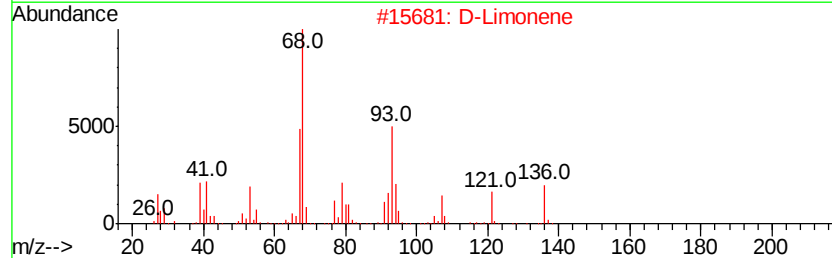
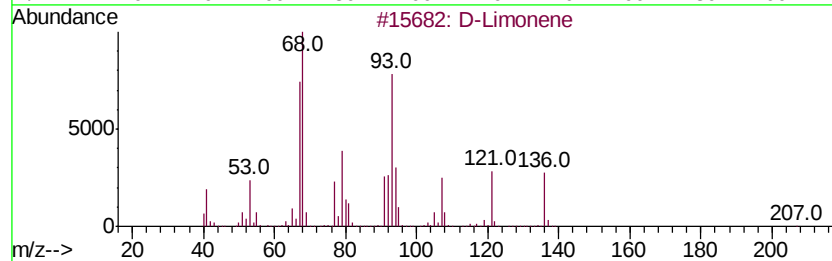
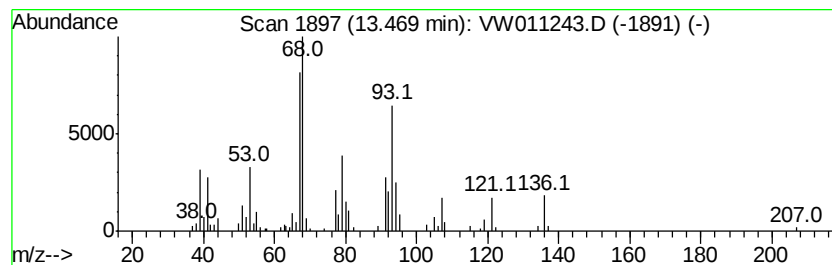
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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.
13.47	3.41 ug/L	56284	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene		136	C10H16	005989-27-5	97
2	D-Limonene		136	C10H16	005989-27-5	94
3	D-Limonene		136	C10H16	005989-27-5	94
4	Limonene		136	C10H16	000138-86-3	93
5	D-Limonene		136	C10H16	005989-27-5	92



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071319\
Data File : VW011243.D
Acq On : 12 Jul 2019 16:40
Operator : SY/VA
Sample : K3760-09
Misc : 6.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8Y9

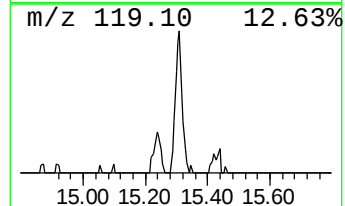
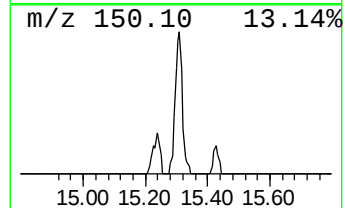
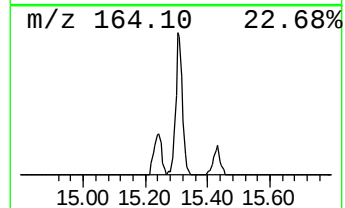
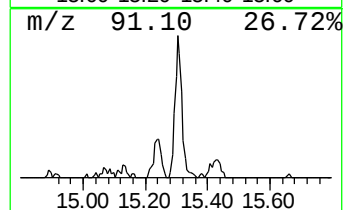
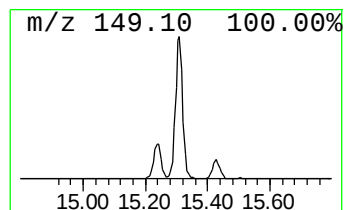
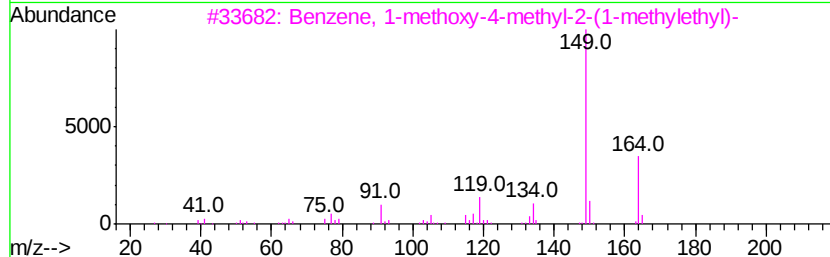
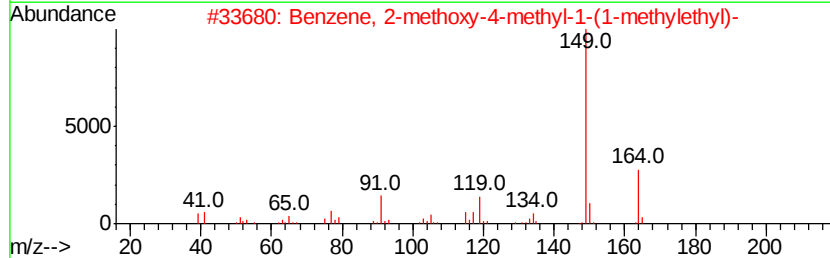
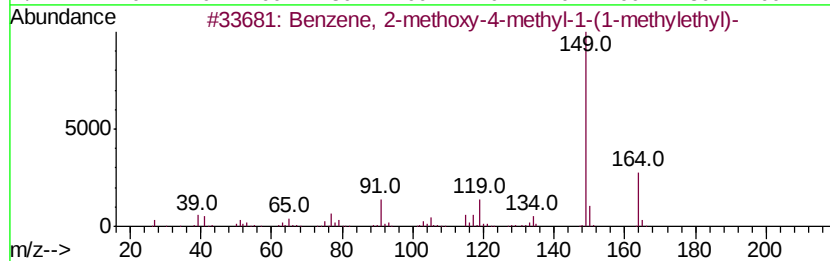
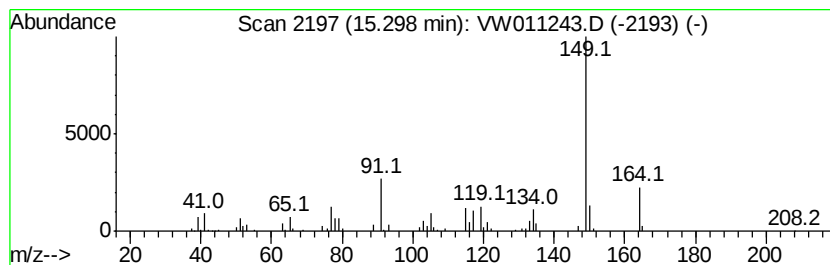
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 6 Benzene, 2-methoxy-4-methyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	3.37 ug/L	55613	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-methoxy-4-methyl-1-(1-methylethyl)-	164	C11H16O	001076-56-8	90
2		Benzene, 2-methoxy-4-methyl-1-(1-methylethyl)-	164	C11H16O	001076-56-8	90
3		Benzene, 1-methoxy-4-methyl-2-(1-methylethyl)-	164	C11H16O	031574-44-4	83
4		Benzene, 2-methoxy-4-methyl-1-(1-methylethyl)-	164	C11H16O	001076-56-8	83
5		Phenol, 2-(1,1-dimethylethyl)-6-methoxy-	164	C11H16O	002219-82-1	74



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071319\
Data File : VW011243.D
Acq On : 12 Jul 2019 16:40
Operator : SY/VA
Sample : K3760-09
Misc : 6.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DB8Y9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.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...	12.47	138.9	ug/L	2770240	2	11.63	498417	25.0
.beta.-Myrcene	12.96	2.7	ug/L	44221	3	13.56	412959	25.0
.beta.-Pinene	13.02	6.5	ug/L	106991	3	13.56	412959	25.0
D-Limonene	13.47	3.4	ug/L	56284	3	13.56	412959	25.0
Benzene, 2-methox...	15.30	3.4	ug/L	55613	3	13.56	412959	25.0