

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121719\
 Data File : VW014396.D
 Acq On : 17 Dec 2019 16:48
 Operator : SY/VA
 Sample : K6277-13RE
 Misc : 4.37G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0C48RE

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\SOM2WLM120519S.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	2.154	36	41	48	rBV2	18219	40429	1.30%	0.210%
2	2.349	67	73	84	rVB	236226	426745	13.68%	2.219%
3	2.885	153	161	179	rBV	166712	418210	13.41%	2.175%
4	3.294	223	228	235	rVB5	4997	11683	0.37%	0.061%
5	3.379	239	242	245	rBV4	1605	2207	0.07%	0.011%
6	3.465	254	256	257	rBV2	1112	988	0.03%	0.005%
7	3.513	262	264	267	rBV4	972	1377	0.04%	0.007%
8	3.684	290	292	294	rVV3	1517	1522	0.05%	0.008%
9	3.708	294	296	298	rVV2	1055	988	0.03%	0.005%
10	3.733	298	300	304	rVV3	1407	1892	0.06%	0.010%
11	4.013	333	346	361	rBV	318046	1044653	33.50%	5.433%
12	4.196	374	376	384	rVB5	5454	10021	0.32%	0.052%
13	4.385	400	407	408	rBV3	3422	5333	0.17%	0.028%
14	4.605	438	443	444	rBV3	1186	1917	0.06%	0.010%
15	4.781	468	472	476	rBV7	854	1980	0.06%	0.010%
16	4.916	482	494	506	rBV3	23813	88157	2.83%	0.458%
17	5.098	518	524	526	rBV4	1109	1326	0.04%	0.007%
18	5.153	530	533	536	rVV4	867	1143	0.04%	0.006%
19	5.385	569	571	576	rBV3	764	1164	0.04%	0.006%
20	5.476	584	586	589	rBV2	1024	1226	0.04%	0.006%
21	5.787	630	637	639	rBV6	2378	4856	0.16%	0.025%
22	5.891	651	654	655	rVV2	1626	1473	0.05%	0.008%
23	5.940	655	662	671	rVB5	6833	20586	0.66%	0.107%
24	6.135	688	694	696	rBV3	1390	1833	0.06%	0.010%
25	6.214	705	707	711	rBV3	692	938	0.03%	0.005%
26	6.635	771	776	779	rVB3	927	1304	0.04%	0.007%
27	6.714	787	789	792	rVB	957	1013	0.03%	0.005%
28	6.848	810	811	816	rBV2	858	982	0.03%	0.005%
29	7.074	839	848	853	rBV2	76153	219119	7.03%	1.139%
30	7.513	917	920	924	rBV4	523	994	0.03%	0.005%
31	7.641	930	941	959	rBV	550568	1390500	44.59%	7.231%
32	7.824	965	971	974	rVB4	770	1089	0.03%	0.006%
33	7.946	986	991	997	rVB7	3601	7139	0.23%	0.037%
34	8.067	1007	1011	1012	rBV2	986	1073	0.03%	0.006%

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35	8.269	1031	1044	1062	rBV2	1089070	3118361	100.00%	16.216%
36	8.567	1090	1093	1097	rVB4	1256	1973	0.06%	0.010%
37	8.628	1101	1103	1105	rVB3	1554	1315	0.04%	0.007%
38	8.842	1125	1138	1151	rBV	959944	1922859	61.66%	9.999%
39	9.025	1166	1168	1170	rBV4	1098	1161	0.04%	0.006%
40	9.079	1170	1177	1182	rVB8	3421	8593	0.28%	0.045%
41	9.195	1193	1196	1199	rBV4	1095	1856	0.06%	0.010%
42	9.268	1199	1208	1220	rBV	769650	1569456	50.33%	8.162%
43	9.445	1235	1237	1241	rBV3	1009	1778	0.06%	0.009%
44	9.665	1265	1273	1279	rBV7	1815	4798	0.15%	0.025%
45	9.829	1298	1300	1301	rBV2	1272	992	0.03%	0.005%
46	9.866	1304	1306	1307	rBV2	938	942	0.03%	0.005%
47	10.031	1324	1333	1344	rVV	256101	473531	15.19%	2.463%
48	10.134	1344	1350	1357	rVB7	4124	9661	0.31%	0.050%
49	10.213	1357	1363	1367	rBV4	4710	9457	0.30%	0.049%
50	10.323	1372	1381	1388	rBV	1250114	2200791	70.58%	11.445%
51	10.579	1415	1423	1434	rVB	140148	250801	8.04%	1.304%
52	10.701	1437	1443	1449	rVB	26534	45351	1.45%	0.236%
53	10.756	1449	1452	1454	rBV3	933	1251	0.04%	0.007%
54	10.921	1473	1479	1493	rBV	273360	519087	16.65%	2.699%
55	11.067	1497	1503	1511	rVB3	13448	29027	0.93%	0.151%
56	11.225	1526	1529	1530	rBV2	959	951	0.03%	0.005%
57	11.317	1542	1544	1546	rVB3	1913	1515	0.05%	0.008%
58	11.341	1546	1548	1553	rBV6	1691	2548	0.08%	0.013%
59	11.439	1557	1564	1571	rVB	16937	30573	0.98%	0.159%
60	11.628	1587	1595	1607	rBV	954900	1608048	51.57%	8.362%
61	11.835	1624	1629	1634	rBV7	2777	5073	0.16%	0.026%
62	11.908	1638	1641	1642	rBV3	1369	1373	0.04%	0.007%
63	12.158	1680	1682	1684	rBV3	1776	1484	0.05%	0.008%
64	12.183	1684	1686	1690	rVB4	2823	2747	0.09%	0.014%
65	12.335	1709	1711	1713	rVV3	1461	1435	0.05%	0.007%
66	12.469	1726	1733	1742	rBV	205257	345202	11.07%	1.795%
67	12.548	1744	1746	1747	rVV	1424	1060	0.03%	0.006%
68	12.609	1747	1756	1762	rVB	58433	101920	3.27%	0.530%
69	12.689	1762	1769	1780	rBV	442408	784202	25.15%	4.078%
70	12.932	1804	1809	1817	rVB2	13990	24392	0.78%	0.127%
71	13.024	1817	1824	1831	rBV2	63246	110382	3.54%	0.574%

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Integration Parameters: LSCINT.P

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72	13.188	1849	1851	1852	rBV2	1470	1056	0.03%	0.005%
73	13.201	1852	1853	1854	rVV	2602	1457	0.05%	0.008%
74	13.237	1857	1859	1864	rVV4	3265	5175	0.17%	0.027%
75	13.292	1864	1868	1873	rVB5	8576	14812	0.47%	0.077%
76	13.365	1875	1880	1883	rBV4	5354	7775	0.25%	0.040%
77	13.408	1883	1887	1890	rBV5	3521	4720	0.15%	0.025%
78	13.469	1890	1897	1906	rBV2	285534	496825	15.93%	2.584%
79	13.554	1906	1911	1919	rVV	459546	762880	24.46%	3.967%
80	13.652	1923	1927	1931	rVB5	6167	9280	0.30%	0.048%
81	13.713	1934	1937	1941	rVB5	4627	5170	0.17%	0.027%
82	13.762	1941	1945	1948	rBV6	6540	9267	0.30%	0.048%
83	13.853	1953	1960	1966	rBV	478846	793326	25.44%	4.126%
84	13.951	1974	1976	1979	rVB4	2919	2522	0.08%	0.013%
85	13.999	1979	1984	1989	rBV7	10970	20566	0.66%	0.107%
86	14.066	1991	1995	2002	rVB2	31206	53715	1.72%	0.279%
87	14.194	2013	2016	2026	rBV10	5280	10167	0.33%	0.053%
88	14.329	2033	2038	2046	rBV5	6382	15671	0.50%	0.081%
89	14.524	2061	2070	2077	rVB6	9389	20819	0.67%	0.108%
90	14.627	2084	2087	2088	rBV3	1438	1673	0.05%	0.009%
91	14.719	2100	2102	2109	rVB7	2882	4882	0.16%	0.025%
92	14.902	2130	2132	2136	rVB4	1368	1729	0.06%	0.009%
93	15.438	2213	2220	2226	rBV	34744	57265	1.84%	0.298%
94	15.493	2226	2229	2235	rVV5	5410	7008	0.22%	0.036%
95	15.633	2250	2252	2254	rBV3	1158	1025	0.03%	0.005%
96	15.682	2257	2260	2261	rBV3	2184	2262	0.07%	0.012%
97	15.749	2270	2271	2272	rBV	1415	929	0.03%	0.005%
98	15.956	2302	2305	2307	rBV4	1946	2730	0.09%	0.014%
99	16.036	2316	2318	2321	rBV3	1493	1270	0.04%	0.007%
100	16.096	2326	2328	2331	rVB4	1924	1782	0.06%	0.009%

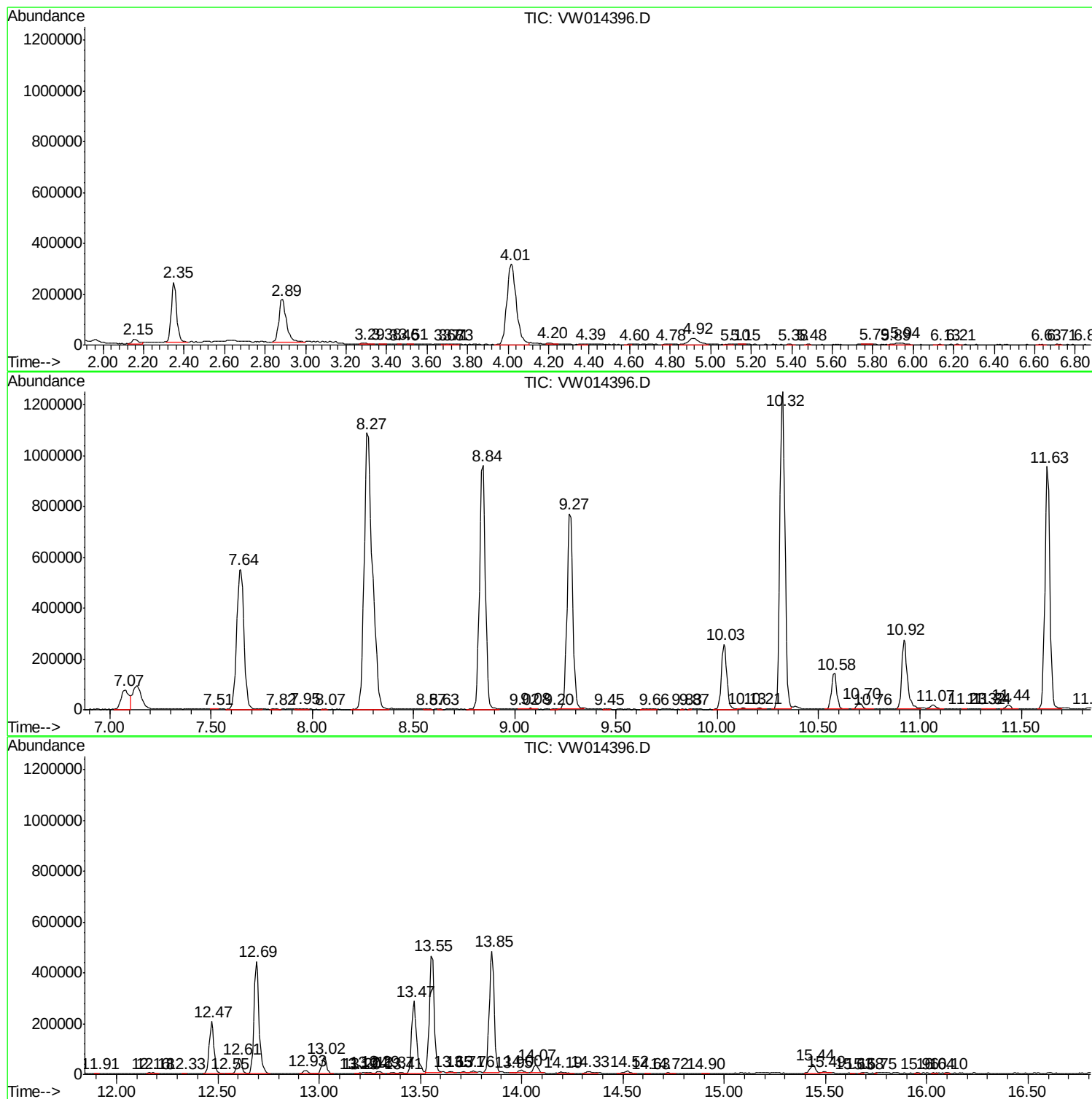
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Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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



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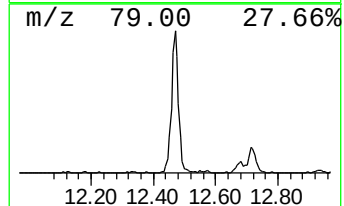
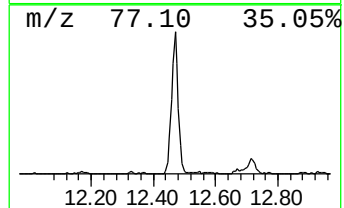
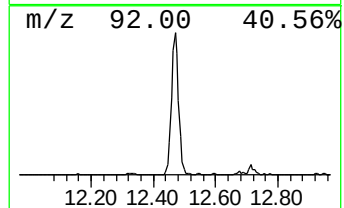
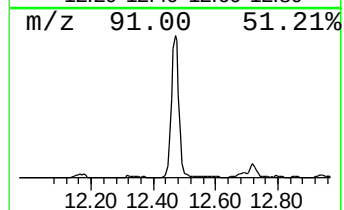
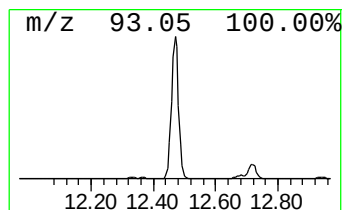
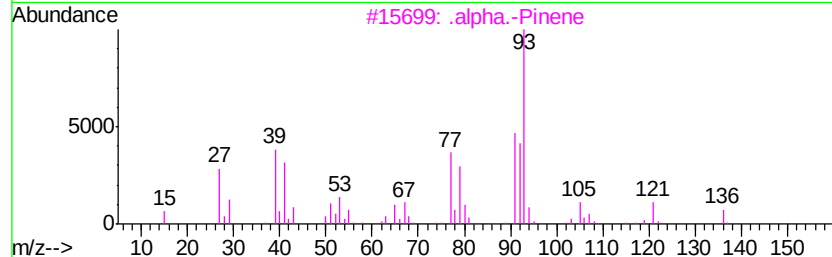
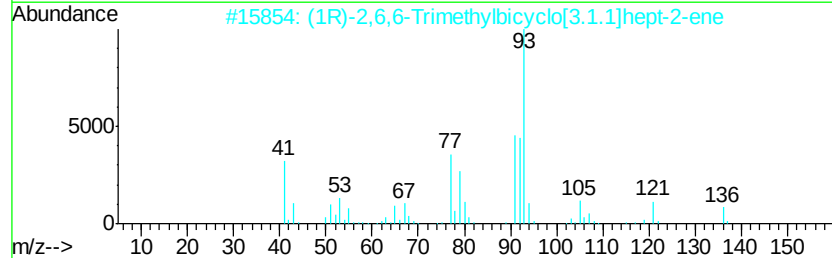
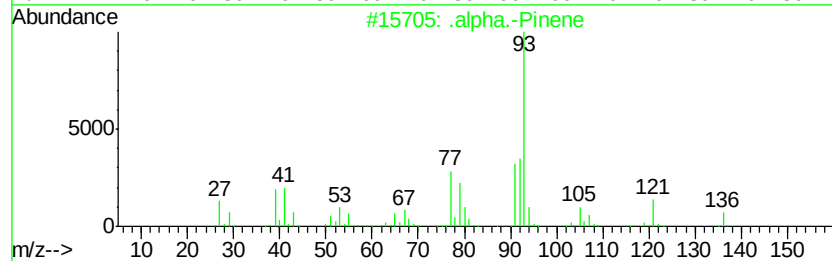
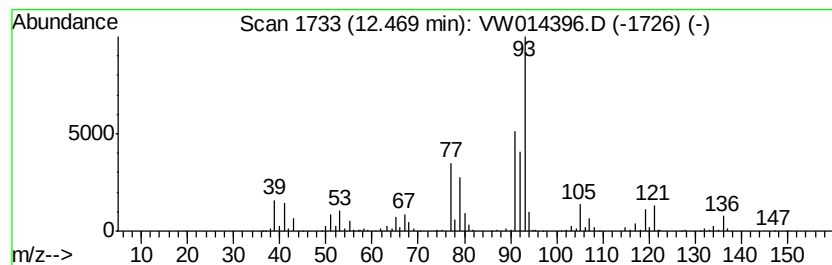
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 2 .alpha.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.47	5.37 ug/L	345202	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	96
3	.alpha.-Pinene	136	C10H16	000080-56-8	93
4	.alpha.-Pinene	136	C10H16	000080-56-8	91
5	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	90



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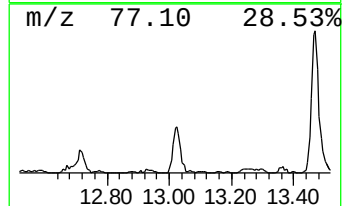
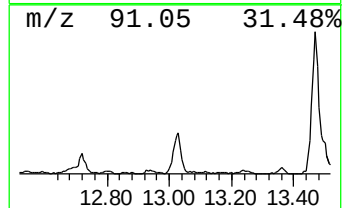
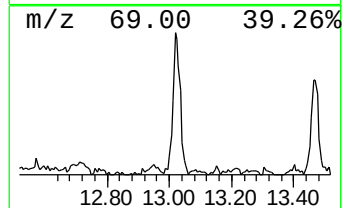
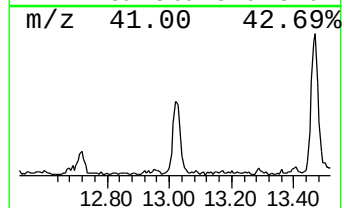
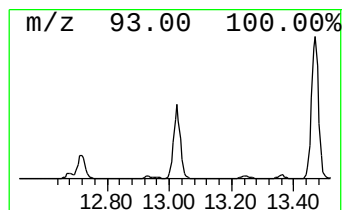
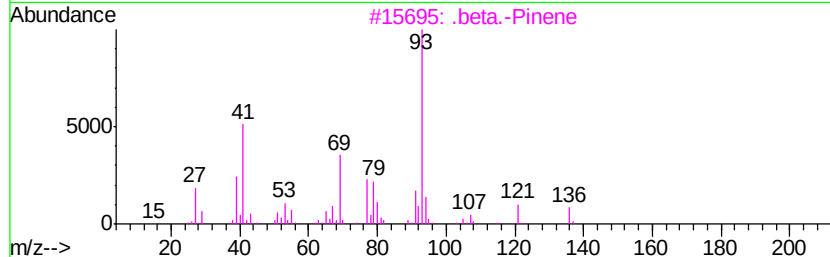
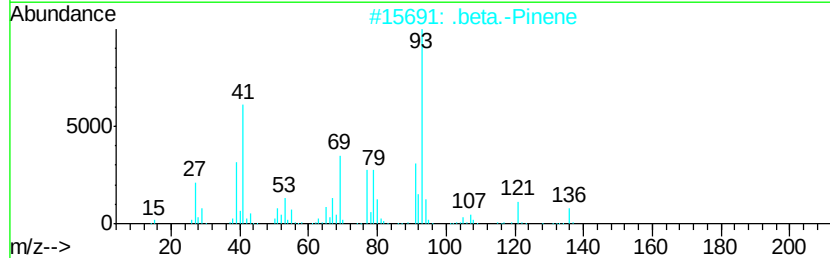
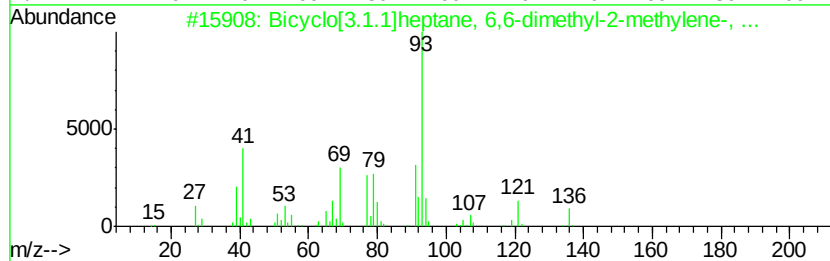
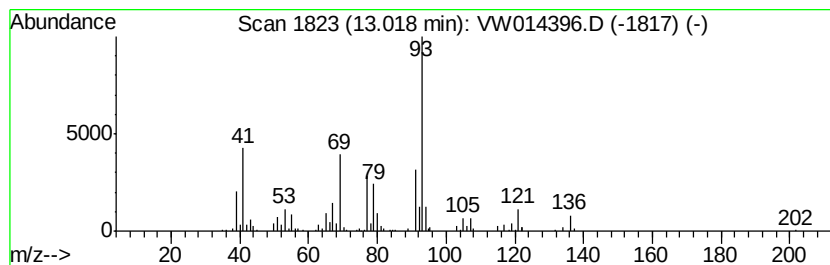
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	3.62 ug/L	110382	1,4-Dichlorobenzene-d4	13.55

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	94
3		.beta.-Pinene	136	C10H16	000127-91-3	91
4		Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
5		.beta.-Pinene	136	C10H16	000127-91-3	91



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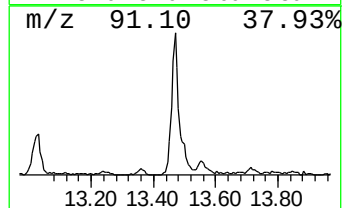
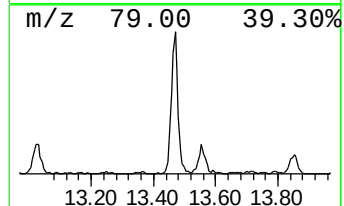
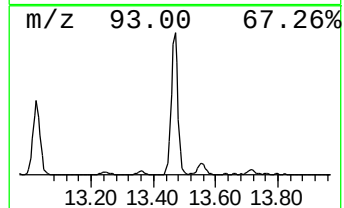
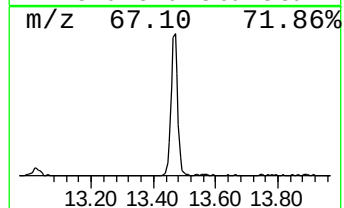
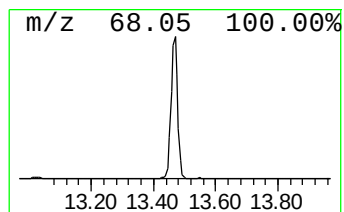
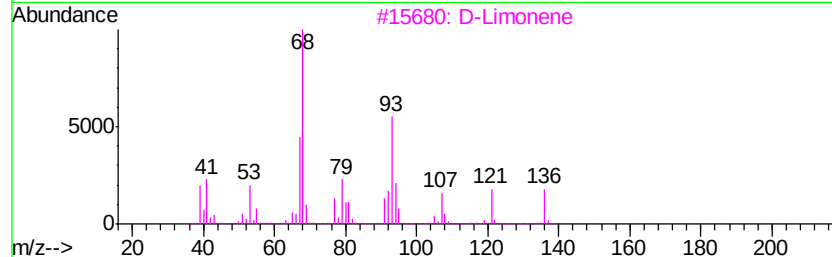
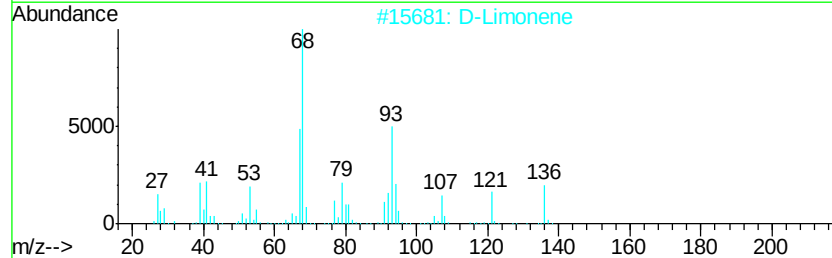
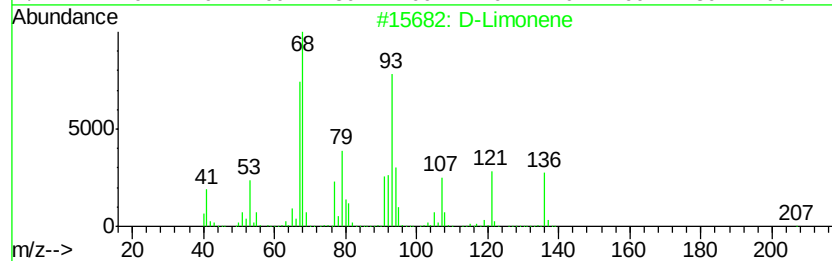
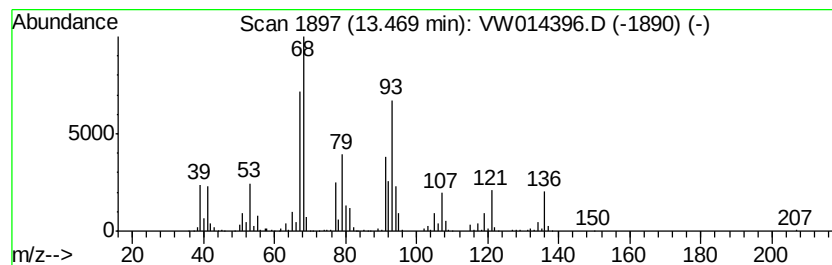
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Quant Title : VOC Analysis

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

Peak Number 5 D-Limonene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	16.28 ug/L	496825	1,4-Dichlorobenzene-d4	13.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene		136	C10H16	005989-27-5	98
2	D-Limonene		136	C10H16	005989-27-5	96
3	D-Limonene		136	C10H16	005989-27-5	94
4	Limonene		136	C10H16	000138-86-3	94
5	Limonene		136	C10H16	000138-86-3	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121719\
Data File : VW014396.D
Acq On : 17 Dec 2019 16:48
Operator : SY/VA
Sample : K6277-13RE
Misc : 4.37G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0C48RE

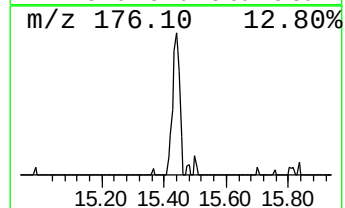
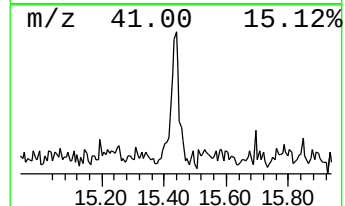
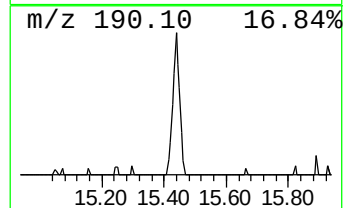
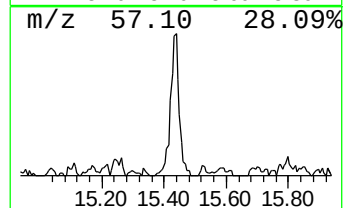
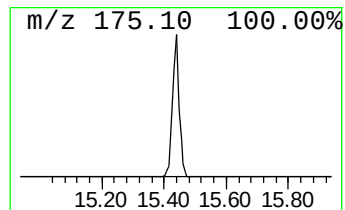
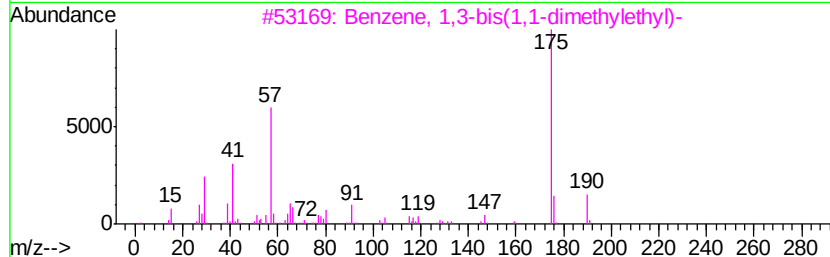
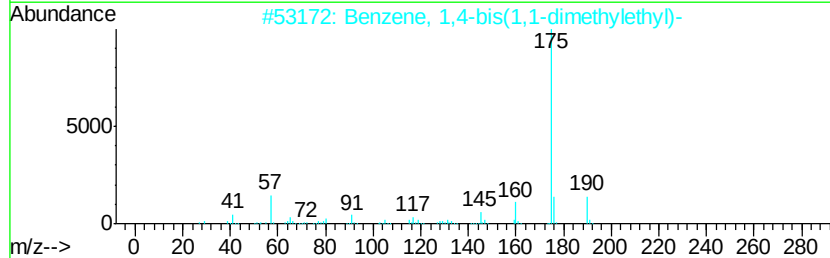
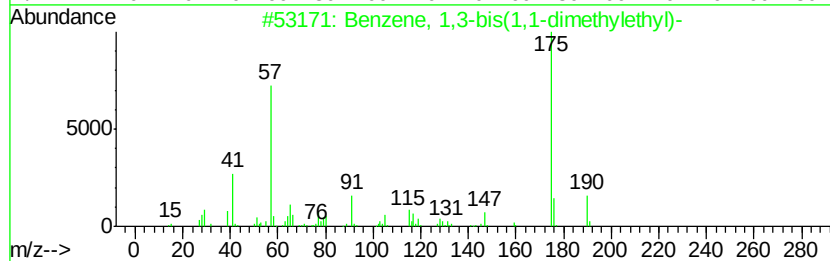
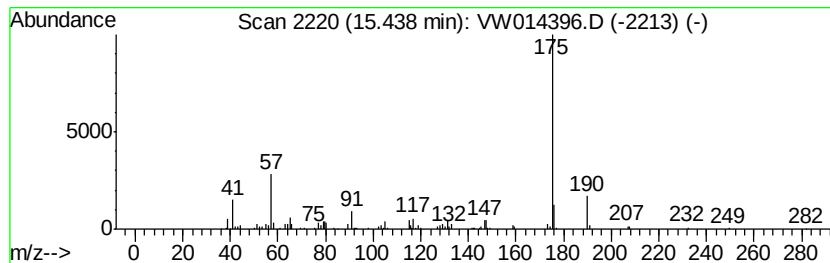
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Quant Title : VOC Analysis

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

Peak Number 7 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	1.88 ug/L	57265	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-bis(1,1-dimethylethyl)-	190	C14H22	001014-60-4	83
2		Benzene, 1,4-bis(1,1-dimethylethyl)-	190	C14H22	001012-72-2	80
3		Benzene, 1,3-bis(1,1-dimethylethyl)-	190	C14H22	001014-60-4	80
4		Benzenepropanal, 4-(1,1-dimethyl-1-propenyl)-	190	C13H18O	018127-01-0	80
5		Benzene, 1,4-dimethyl-2,5-bis(1-methylethyl)-	190	C14H22	010375-96-9	80



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121719\
Data File : VW014396.D
Acq On : 17 Dec 2019 16:48
Operator : SY/VA
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Misc : 4.37G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0C48RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.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	12.47	5.4	ug/L	345202	2	11.63	1608050	25.0
Bicyclo[3.1.1]hep...	13.02	3.6	ug/L	110382	3	13.55	762880	25.0
D-Limonene	13.47	16.3	ug/L	496825	3	13.55	762880	25.0
Benzene, 1,3-bis(...	15.44	1.9	ug/L	57265	3	13.55	762880	25.0