

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121119\
 Data File : VW014311.D
 Acq On : 11 Dec 2019 18:33
 Operator : SY/VA
 Sample : K6172-17RE
 Misc : 4.80G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0C15RE

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	1.953	4	8	24	rVB3	21131	72579	0.91%	0.181%
2	2.166	35	43	50	rBV2	68400	213871	2.69%	0.533%
3	2.349	65	73	84	rBV	283539	564720	7.11%	1.407%
4	2.886	153	161	174	rVB	229432	559560	7.05%	1.395%
5	3.367	236	240	241	rBV4	2281	2324	0.03%	0.006%
6	3.398	241	245	252	rVB7	3942	7166	0.09%	0.018%
7	3.532	263	267	272	rVB5	2437	3991	0.05%	0.010%
8	3.830	312	316	318	rBV3	1468	2308	0.03%	0.006%
9	3.867	318	322	331	rVV7	3713	9827	0.12%	0.024%
10	4.013	335	346	358	rVV2	408337	1288945	16.24%	3.212%
11	4.111	358	362	372	rVV2	36201	108859	1.37%	0.271%
12	4.190	372	375	385	rVV4	13054	33980	0.43%	0.085%
13	4.391	399	408	416	rVV2	9386	30735	0.39%	0.077%
14	4.605	437	443	444	rBV3	4276	5510	0.07%	0.014%
15	4.690	452	457	460	rBV5	1192	2219	0.03%	0.006%
16	4.910	479	493	515	rVB2	35015	143297	1.80%	0.357%
17	5.105	522	525	528	rVV3	1431	2388	0.03%	0.006%
18	5.135	528	530	533	rVV3	1798	2516	0.03%	0.006%
19	5.159	533	534	539	rVV3	1809	2777	0.03%	0.007%
20	5.769	630	634	636	rVV5	3690	6376	0.08%	0.016%
21	5.794	636	638	645	rVB4	3847	6104	0.08%	0.015%
22	5.934	651	661	670	rVB4	12547	37460	0.47%	0.093%
23	6.281	713	718	724	rVB6	2344	5071	0.06%	0.013%
24	6.976	828	832	834	rBV3	1364	2544	0.03%	0.006%
25	7.074	839	848	853	rBV	98230	264990	3.34%	0.660%
26	7.135	853	858	874	rVB2	67288	217356	2.74%	0.542%
27	7.531	918	923	924	rBV4	1696	2165	0.03%	0.005%
28	7.641	930	941	953	rBV	636808	1596339	20.11%	3.978%
29	7.939	984	990	999	rVB8	5277	15964	0.20%	0.040%
30	8.269	1031	1044	1065	rBV2	1332009	3786702	47.70%	9.437%
31	8.555	1085	1091	1096	rBV8	2439	4695	0.06%	0.012%
32	8.695	1108	1114	1124	rVB8	4399	12731	0.16%	0.032%
33	8.842	1127	1138	1152	rBV	1140775	2281836	28.74%	5.687%
34	9.031	1163	1169	1172	rBV4	7563	13462	0.17%	0.034%

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 ClientSampleId :
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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Title : VOC Analysis

35	9.275	1198	1209	1228	rBV	884873	1867759	23.53%	4.655%
36	9.659	1269	1272	1279	rVB8	2301	5153	0.06%	0.013%
37	9.793	1284	1294	1295	rBV9	3295	8683	0.11%	0.022%
38	10.031	1324	1333	1346	rBV	318609	592328	7.46%	1.476%
39	10.213	1356	1363	1368	rBV3	6422	13534	0.17%	0.034%
40	10.323	1372	1381	1388	rBV	1538152	2780395	35.02%	6.929%
41	10.384	1388	1391	1397	rVB	31236	51819	0.65%	0.129%
42	10.488	1405	1408	1409	rBV3	3488	4004	0.05%	0.010%
43	10.573	1414	1422	1431	rBV	172180	309398	3.90%	0.771%
44	10.701	1438	1443	1449	rVB	39722	69809	0.88%	0.174%
45	10.768	1449	1454	1455	rBV5	4421	6188	0.08%	0.015%
46	10.921	1473	1479	1496	rBV	331973	607917	7.66%	1.515%
47	11.061	1497	1502	1510	rVB	35759	60552	0.76%	0.151%
48	11.225	1525	1529	1532	rBV6	1607	2818	0.04%	0.007%
49	11.439	1559	1564	1574	rVB	26828	48177	0.61%	0.120%
50	11.536	1574	1580	1588	rBV8	4601	12557	0.16%	0.031%
51	11.628	1588	1595	1608	rBV	1167921	1945981	24.51%	4.850%
52	11.719	1608	1610	1617	rVB6	4688	7456	0.09%	0.019%
53	11.835	1624	1629	1636	rBV7	6122	12271	0.15%	0.031%
54	12.109	1669	1674	1679	rBV6	4187	9652	0.12%	0.024%
55	12.164	1679	1683	1687	rBV6	2673	4526	0.06%	0.011%
56	12.366	1705	1716	1725	rBV2	374961	660792	8.32%	1.647%
57	12.469	1725	1733	1740	rBV	2136439	3401219	42.84%	8.476%
58	12.609	1747	1756	1762	rVB	108707	192244	2.42%	0.479%
59	12.719	1762	1774	1782	rBV2	4316454	7938966	100.00%	19.785%
60	12.859	1795	1797	1800	rBV4	1956	2473	0.03%	0.006%
61	12.957	1800	1813	1818	rVV2	269576	671718	8.46%	1.674%
62	13.042	1818	1827	1842	rVB3	453581	978042	12.32%	2.437%
63	13.170	1844	1848	1849	rBV4	2423	3128	0.04%	0.008%
64	13.195	1850	1852	1855	rVB3	2866	2978	0.04%	0.007%
65	13.243	1855	1860	1864	rBV3	15004	24648	0.31%	0.061%
66	13.292	1864	1868	1873	rVB2	16853	27730	0.35%	0.069%
67	13.359	1873	1879	1884	rBV2	46923	73483	0.93%	0.183%
68	13.408	1884	1887	1890	rVB4	2667	2598	0.03%	0.006%
69	13.469	1890	1897	1905	rBV	1087298	1699302	21.40%	4.235%
70	13.554	1905	1911	1917	rVV	653845	1066698	13.44%	2.658%
71	13.615	1917	1921	1932	rVB	197563	330831	4.17%	0.824%

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Integration Parameters: LSCINT.P

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72	13.713	1932	1937	1942	rVB	64305	93817	1.18%	0.234%
73	13.756	1942	1944	1948	rVB5	4464	5965	0.08%	0.015%
74	13.798	1948	1951	1952	rBV3	2326	2264	0.03%	0.006%
75	13.853	1953	1960	1967	rBV	668130	1105170	13.92%	2.754%
76	13.999	1979	1984	1990	rBV2	32410	57969	0.73%	0.144%
77	14.066	1990	1995	2004	rVB2	38848	70111	0.88%	0.175%
78	14.158	2006	2010	2011	rBV4	1443	2065	0.03%	0.005%
79	14.268	2025	2028	2032	rVB5	2714	4444	0.06%	0.011%
80	14.329	2033	2038	2043	rBV4	9884	14118	0.18%	0.035%
81	14.432	2049	2055	2061	rBV	61933	106681	1.34%	0.266%
82	14.591	2074	2081	2090	rBV	180509	301053	3.79%	0.750%
83	14.688	2090	2097	2109	rVB	266814	433430	5.46%	1.080%
84	14.780	2109	2112	2113	rBV3	1682	2297	0.03%	0.006%
85	14.957	2138	2141	2143	rBV4	2177	2952	0.04%	0.007%
86	15.030	2148	2153	2154	rBV4	9430	13725	0.17%	0.034%
87	15.066	2155	2159	2164	rVB4	14344	24283	0.31%	0.061%
88	15.206	2174	2182	2188	rBV	31684	59517	0.75%	0.148%
89	15.298	2193	2197	2201	rVB7	5289	8336	0.11%	0.021%
90	15.389	2207	2212	2215	rBV6	6726	11307	0.14%	0.028%
91	15.438	2215	2220	2224	rVV2	33792	57718	0.73%	0.144%
92	15.481	2224	2227	2234	rVV5	7845	15887	0.20%	0.040%
93	15.542	2236	2237	2241	rVB4	2015	2302	0.03%	0.006%
94	15.682	2257	2260	2261	rBV3	2100	2074	0.03%	0.005%
95	15.725	2265	2267	2270	rBV4	1786	2398	0.03%	0.006%
96	16.042	2310	2319	2329	rBV	442418	890349	11.21%	2.219%
97	16.420	2378	2381	2383	rBV4	2364	2754	0.03%	0.007%
98	16.560	2399	2404	2411	rVB8	4605	10124	0.13%	0.025%
99	16.633	2414	2416	2420	rVB5	1722	2406	0.03%	0.006%
100	16.688	2420	2425	2431	rBV8	4898	11056	0.14%	0.028%

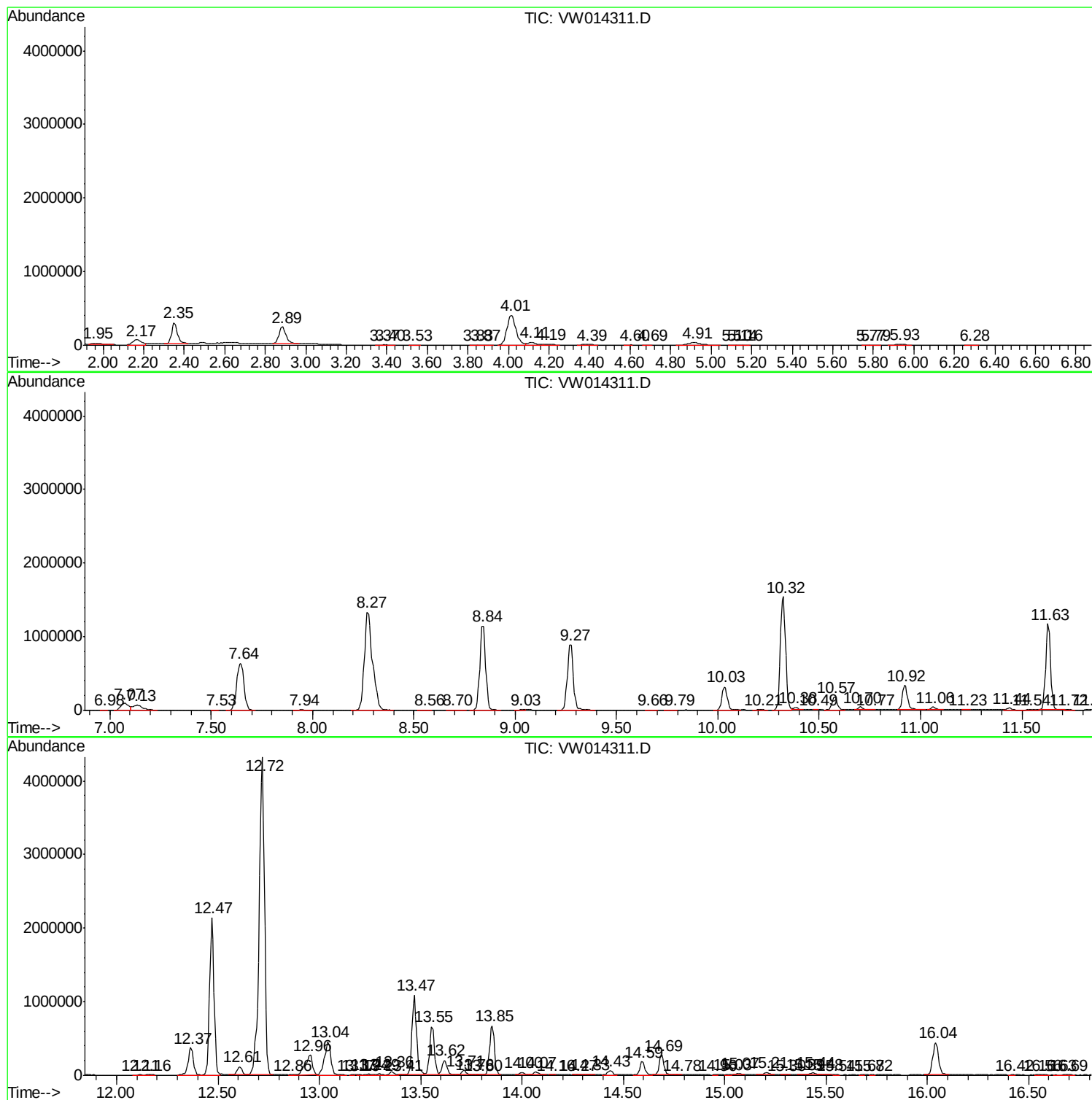
Sum of corrected areas: 40125766

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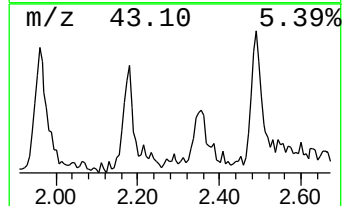
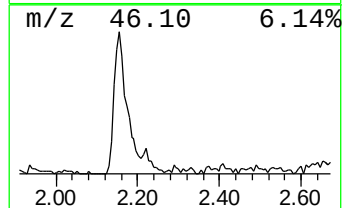
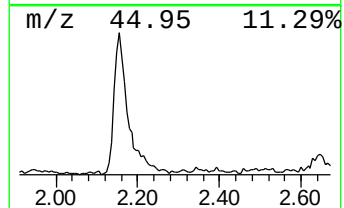
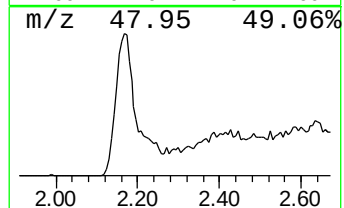
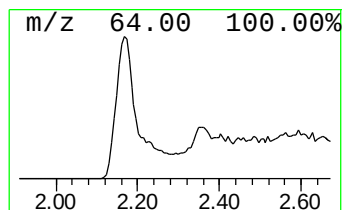
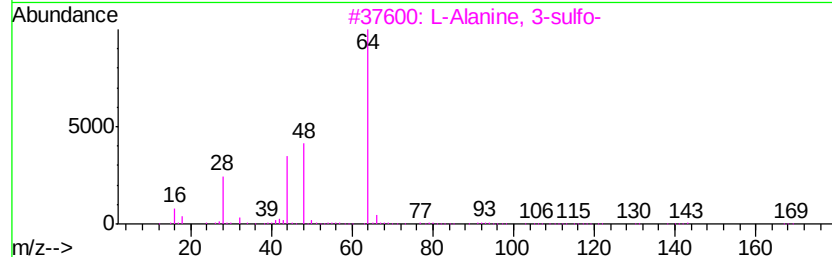
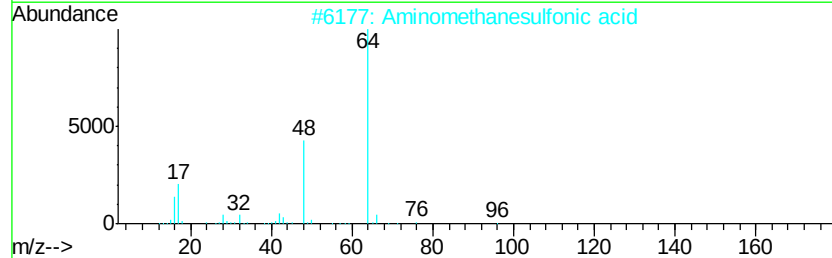
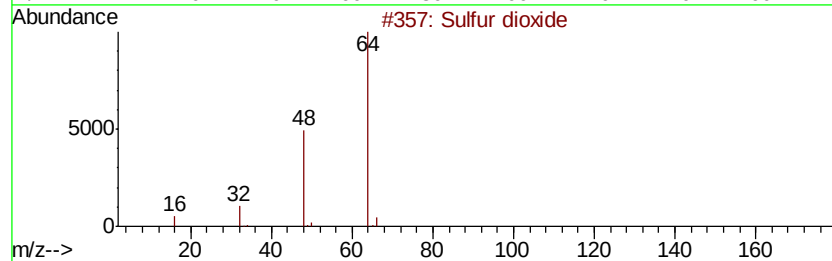
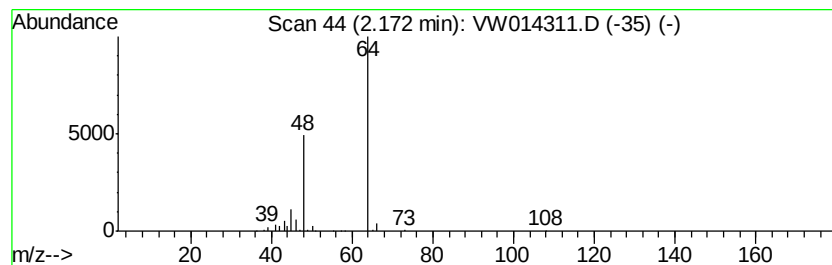
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 1 Sulfur dioxide Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	2.34 ug/L	213871	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfur dioxide	64	O2S	007446-09-5	86
2		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	83
3		L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5		Ethene, 1,2-difluoro-	64	C2H2F2	001691-13-0	5



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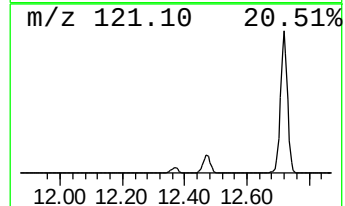
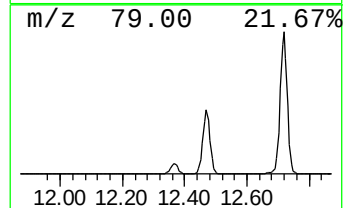
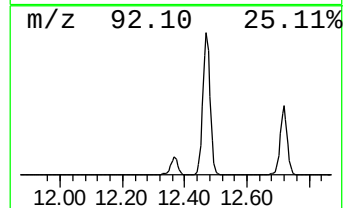
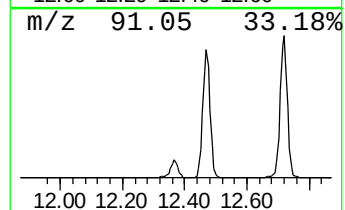
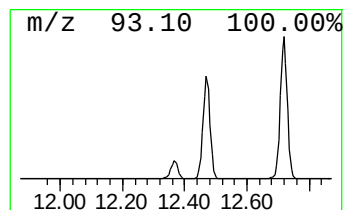
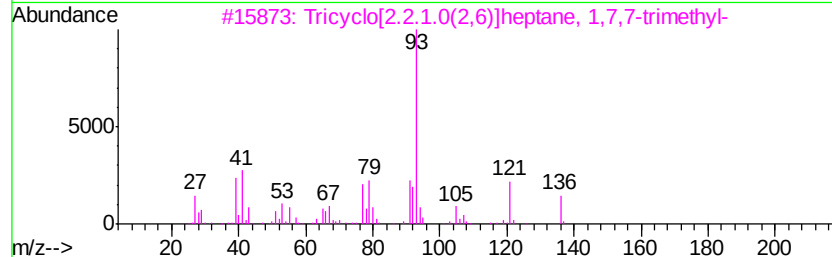
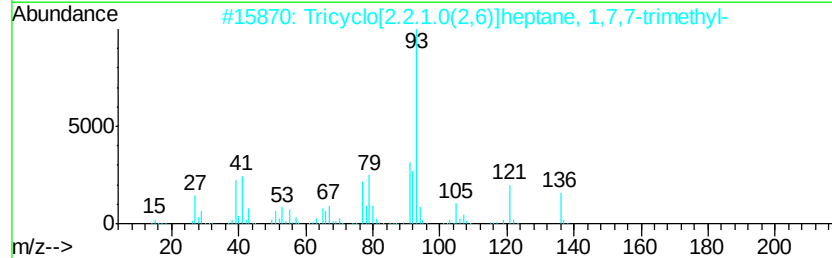
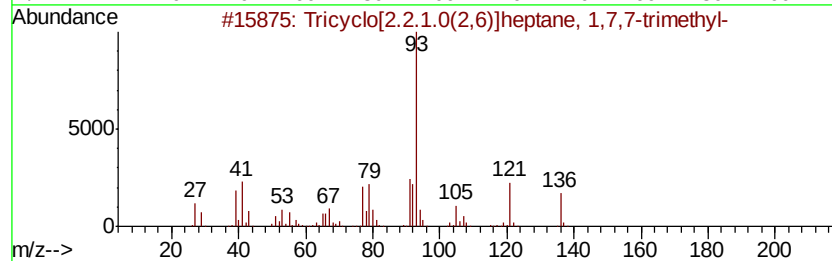
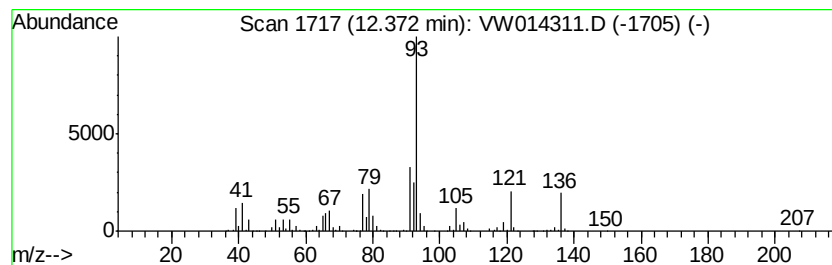
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 3 Tricyclo[2.2.1.0(2,6)]hepta... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	8.49 ug/L	660792	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	94
4		(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	93
5		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	93



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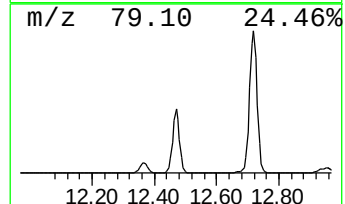
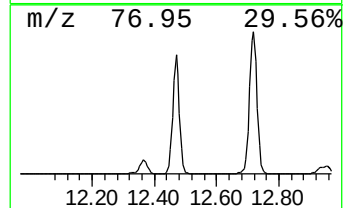
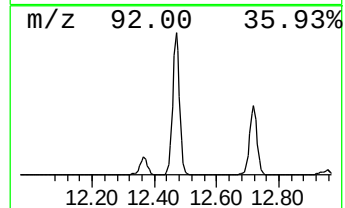
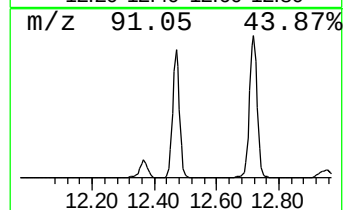
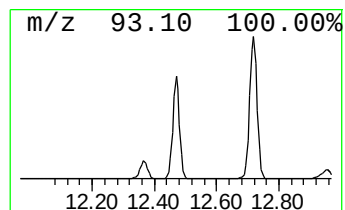
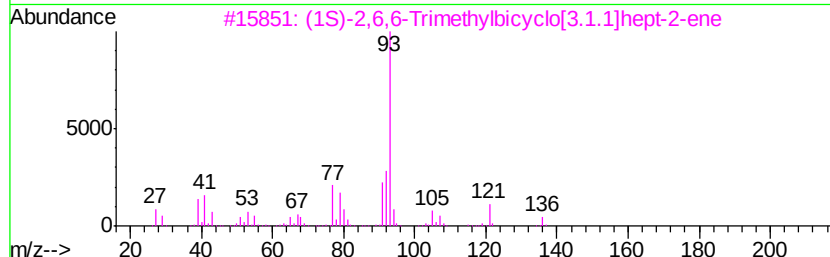
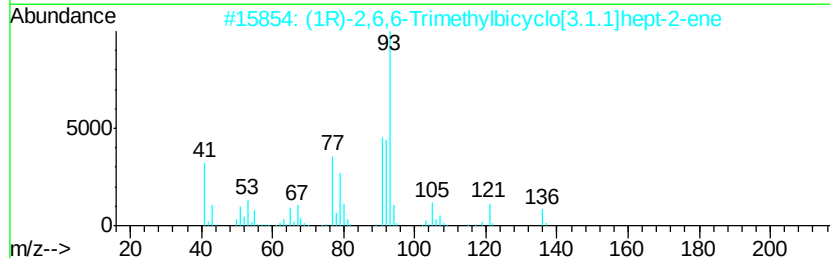
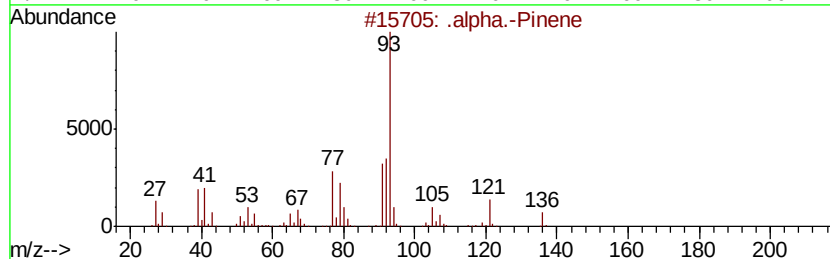
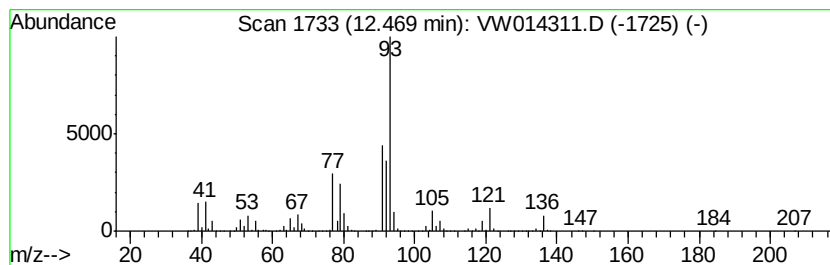
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Quant Title : VOC Analysis

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Peak Number 4 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.47	43.70 ug/L	3401220	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		(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	95
4		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
5		.alpha.-Pinene	136	C10H16	000080-56-8	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121119\
Data File : VW014311.D
Acq On : 11 Dec 2019 18:33
Operator : SY/VA
Sample : K6172-17RE
Misc : 4.80G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

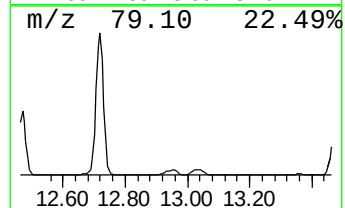
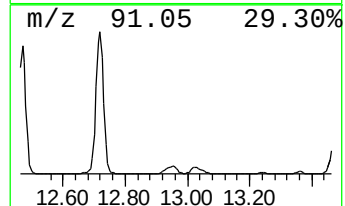
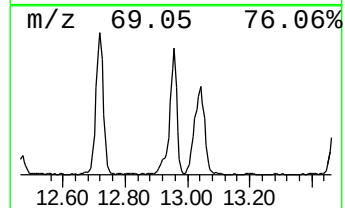
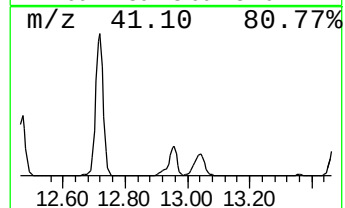
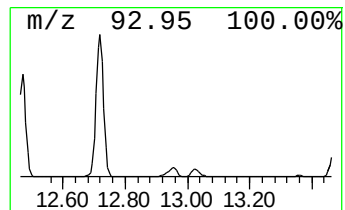
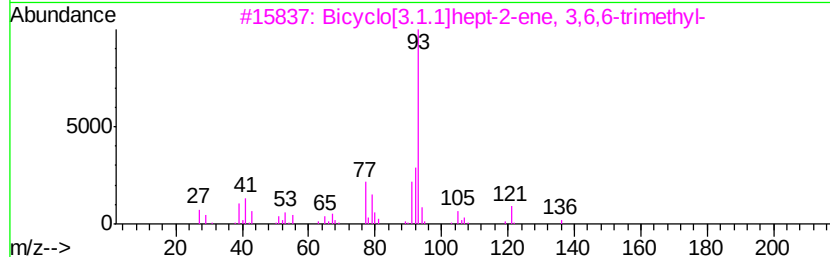
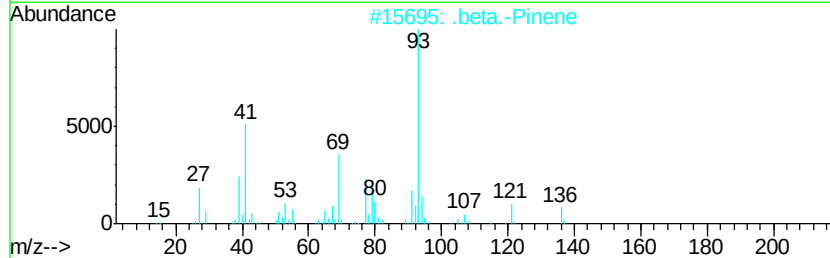
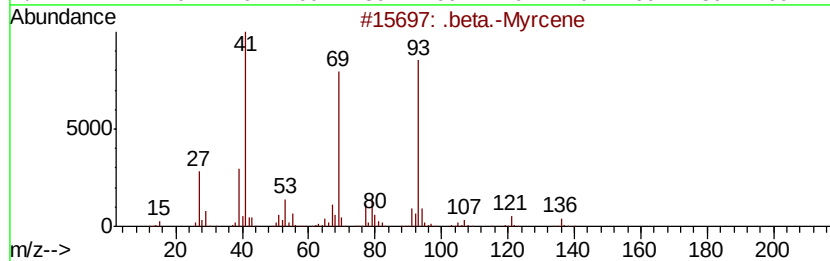
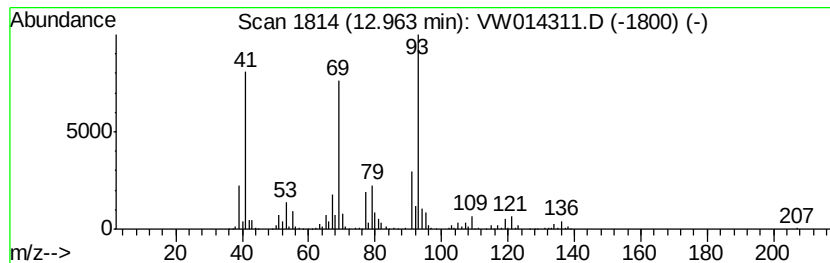
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 6 .beta.-Myrcene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.96	15.74 ug/L	671718	1,4-Dichlorobenzene-d4	13.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Myrcene	136	C10H16	000123-35-3	90
2	.beta.-Pinene	136	C10H16	000127-91-3	49
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	46
4	Pyridine, 2-propyl-	121	C8H11N	000622-39-9	38
5	(+)-3-Carene	136	C10H16	000498-15-7	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121119\
Data File : VW014311.D
Acq On : 11 Dec 2019 18:33
Operator : SY/VA
Sample : K6172-17RE
Misc : 4.80G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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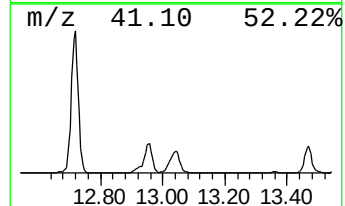
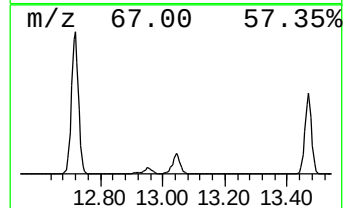
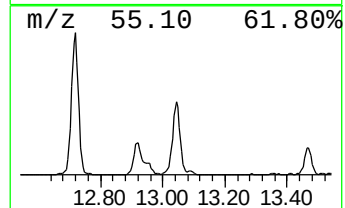
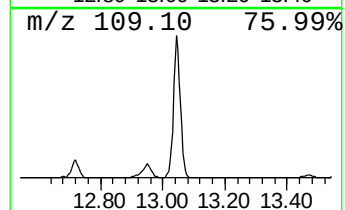
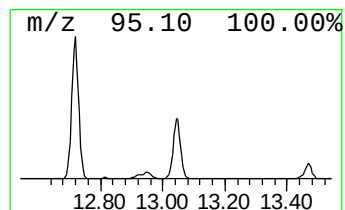
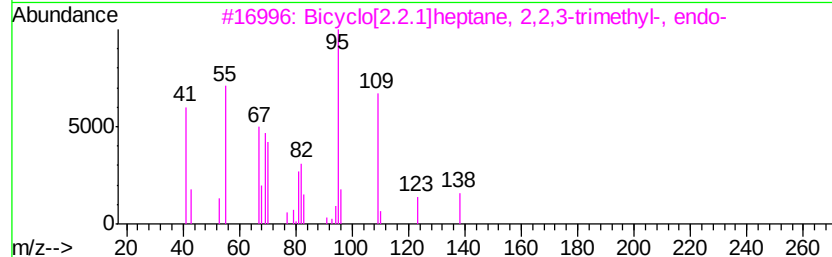
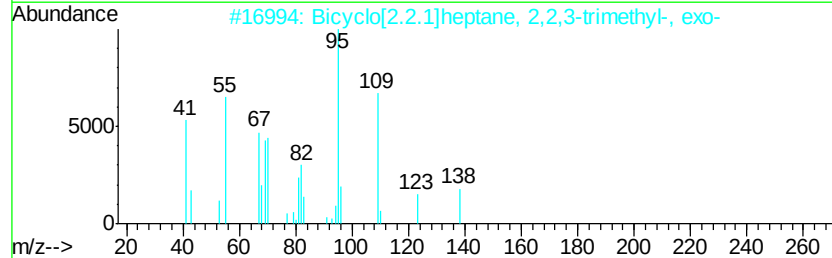
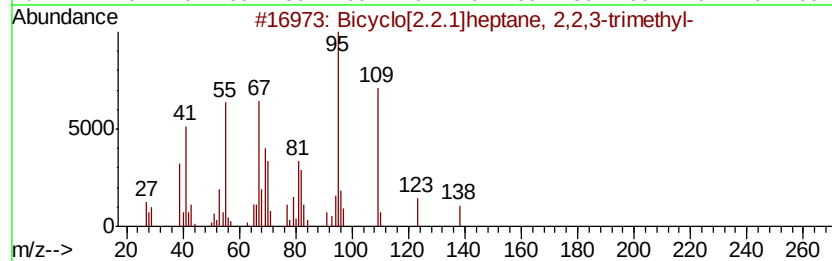
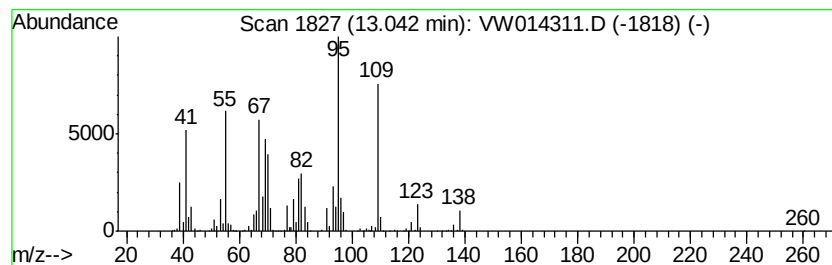
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Quant Title : VOC Analysis

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

Peak Number 7 Bicyclo[2.2.1]heptane, 2,2,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	22.92 ug/L	978042	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	98
2		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-41-8	96
3		Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	95
4		Cyclopentane, (3-methylbutylidene)-	138	C10H18	053366-51-1	43
5		Bicyclo[2.2.1]heptane, 1,7,7-tri...	138	C10H18	000464-15-3	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121119\
Data File : VW014311.D
Acq On : 11 Dec 2019 18:33
Operator : SY/VA
Sample : K6172-17RE
Misc : 4.80G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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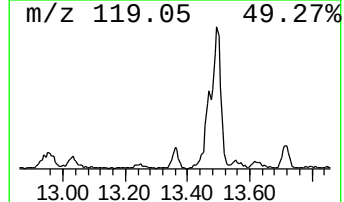
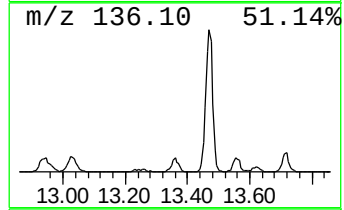
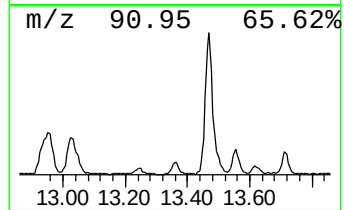
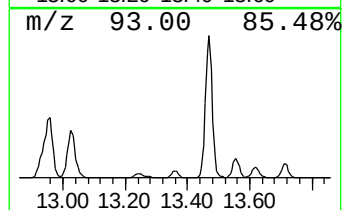
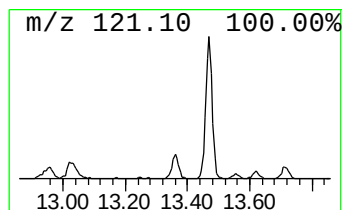
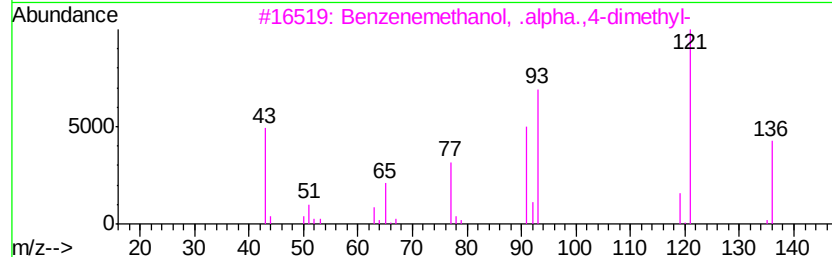
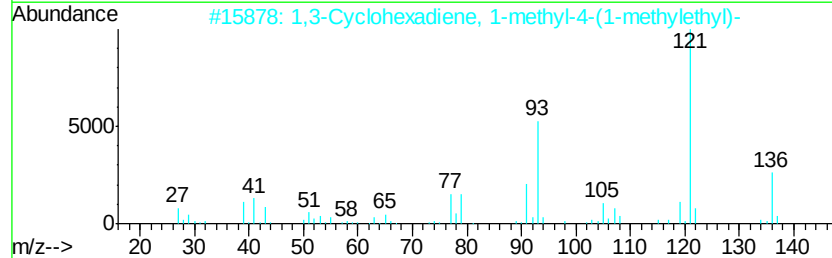
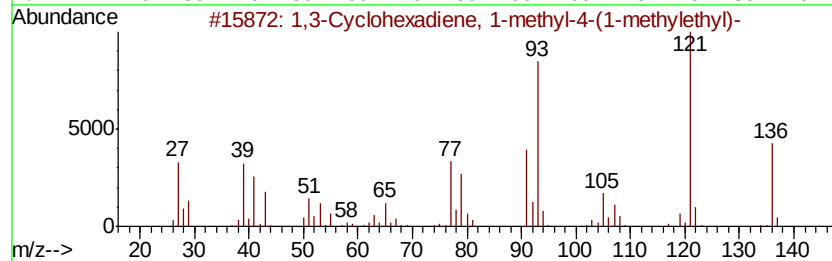
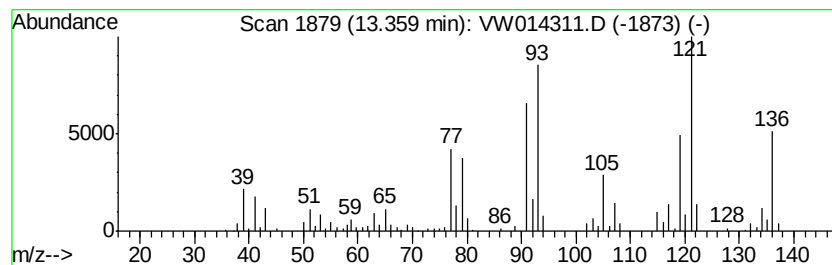
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Quant Title : VOC Analysis

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

Peak Number 8 1,3-Cyclohexadiene, 1-methy... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	1.72 ug/L	73483	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	74
2			1,3-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-86-5	74
3			Benzenemethanol, .alpha.,4-dimet...	136	C9H12O	000536-50-5	70
4			Bicyclo[2.2.1]hept-2-ene, 1,7,7-...	136	C10H16	000464-17-5	68
5			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121119\
Data File : VW014311.D
Acq On : 11 Dec 2019 18:33
Operator : SY/VA
Sample : K6172-17RE
Misc : 4.80G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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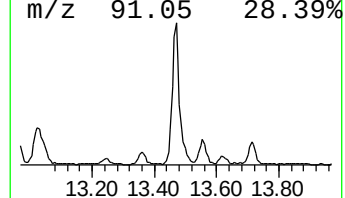
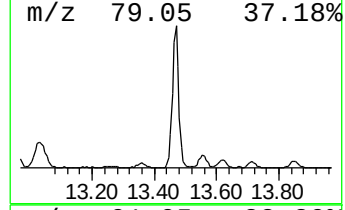
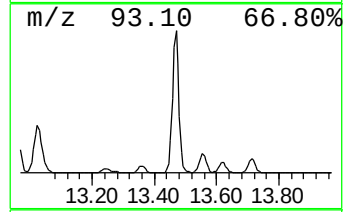
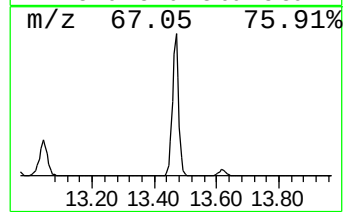
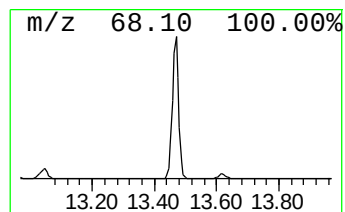
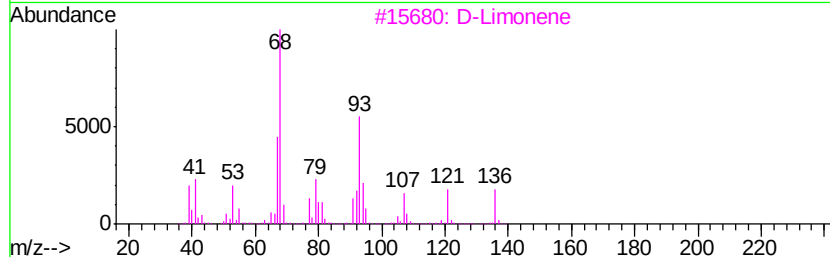
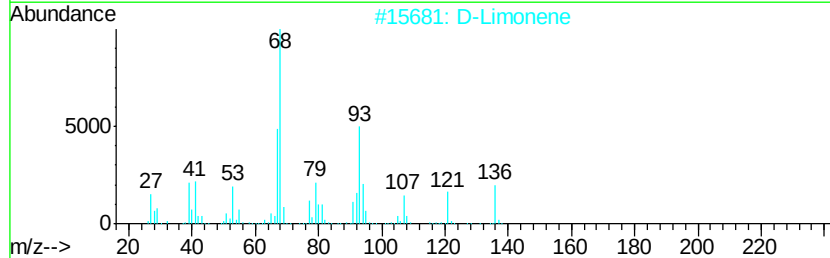
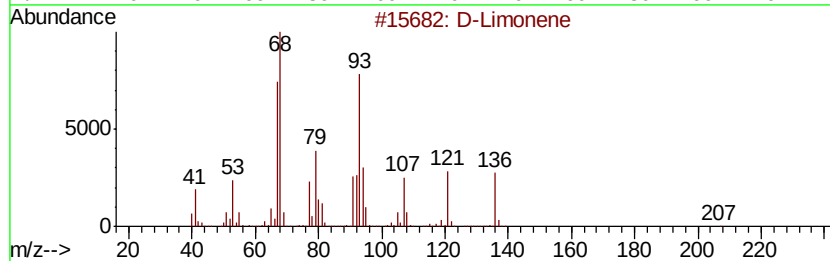
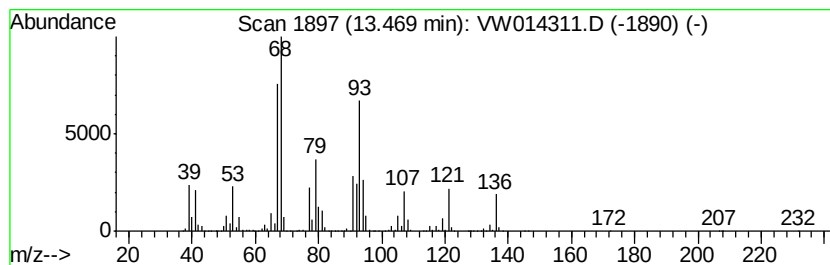
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Quant Title : VOC Analysis

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

Peak Number 9 D-Limonene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	39.83 ug/L	1699300	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Limonene	136	C10H16	005989-27-5	98
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	94
5		Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121119\
Data File : VW014311.D
Acq On : 11 Dec 2019 18:33
Operator : SY/VA
Sample : K6172-17RE
Misc : 4.80G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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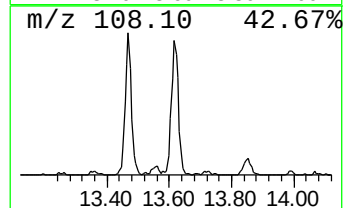
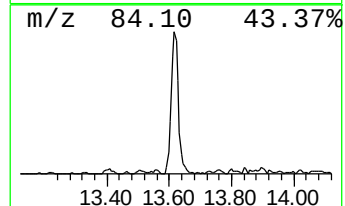
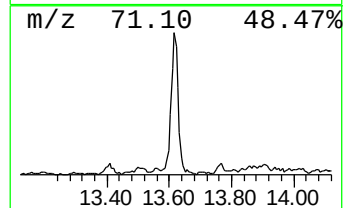
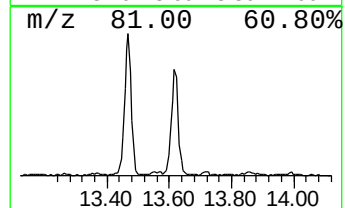
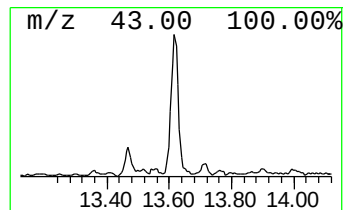
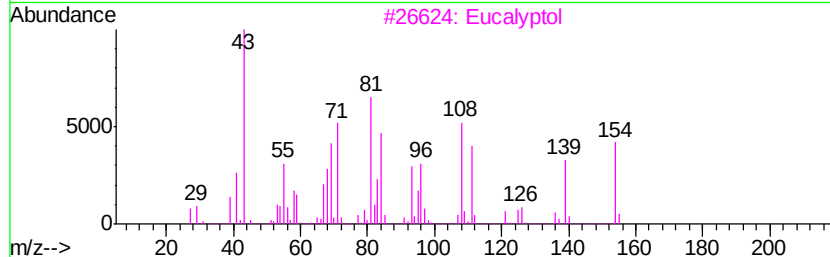
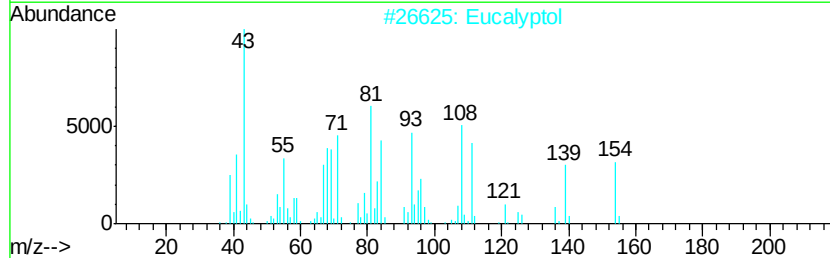
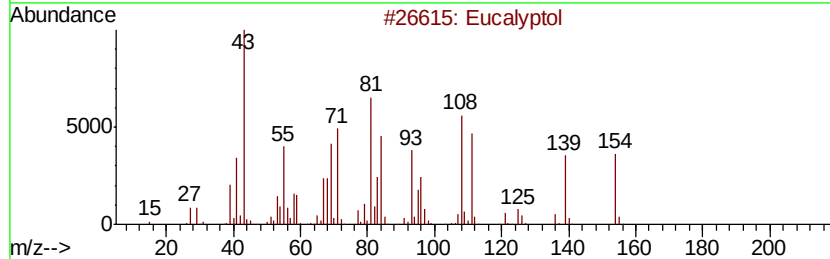
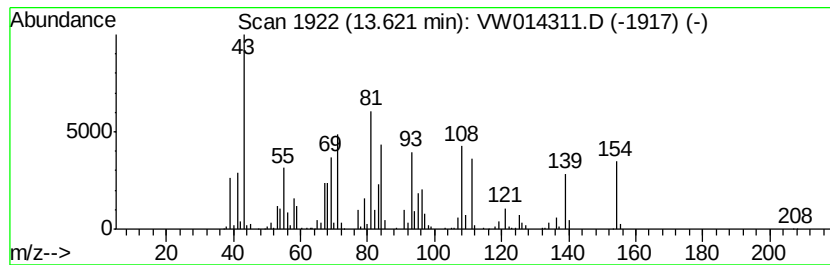
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Quant Title : VOC Analysis

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

Peak Number 10 Eucalyptol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	7.75 ug/L	330831	1,4-Dichlorobenzene-d4	13.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol		154	C10H18O	000470-82-6	98
2	Eucalyptol		154	C10H18O	000470-82-6	98
3	Eucalyptol		154	C10H18O	000470-82-6	96
4	Eucalyptol		154	C10H18O	000470-82-6	94
5	Eucalyptol		154	C10H18O	000470-82-6	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121119\
Data File : VW014311.D
Acq On : 11 Dec 2019 18:33
Operator : SY/VA
Sample : K6172-17RE
Misc : 4.80G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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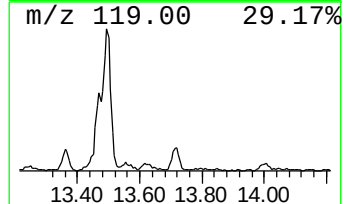
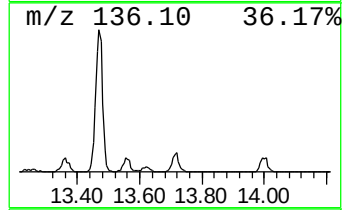
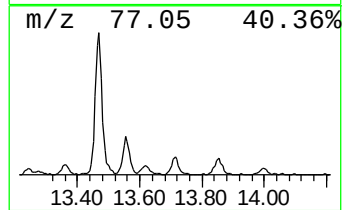
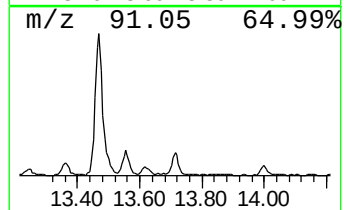
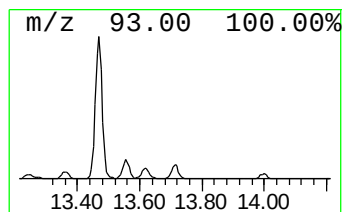
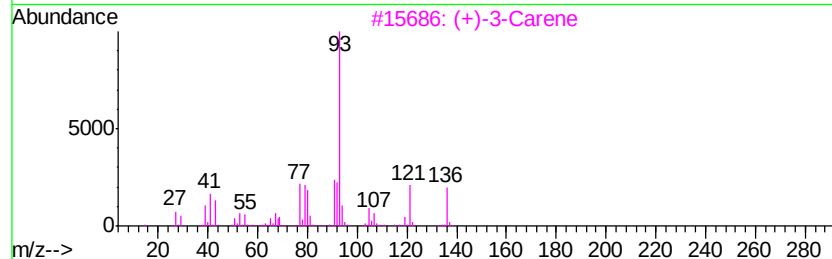
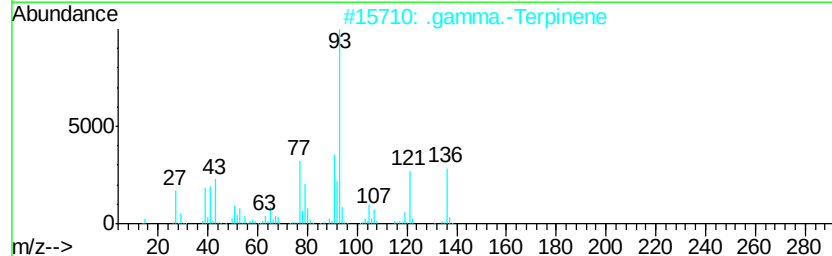
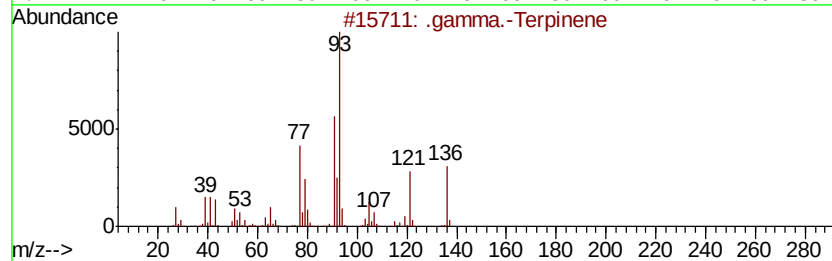
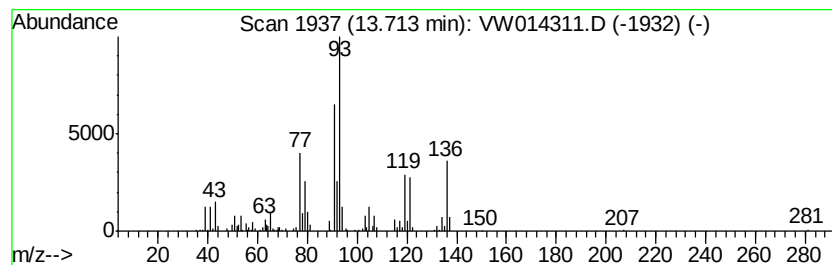
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Quant Title : VOC Analysis

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

Peak Number 11 .gamma.-Terpinene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	2.20 ug/L	93817	1,4-Dichlorobenzene-d4	13.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.gamma.-Terpinene	136	C10H16	000099-85-4	96
2			.gamma.-Terpinene	136	C10H16	000099-85-4	93
3			(+)-3-Carene	136	C10H16	000498-15-7	93
4			.gamma.-Terpinene	136	C10H16	000099-85-4	90
5			.gamma.-Terpinene	136	C10H16	000099-85-4	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121119\
Data File : VW014311.D
Acq On : 11 Dec 2019 18:33
Operator : SY/VA
Sample : K6172-17RE
Misc : 4.80G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

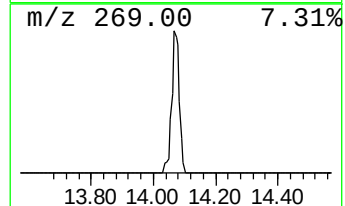
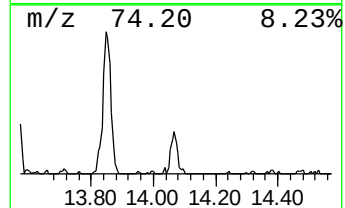
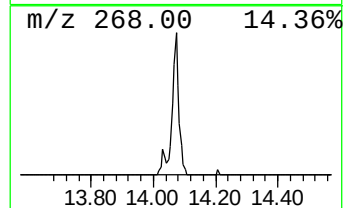
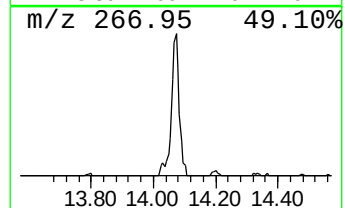
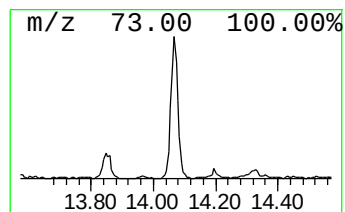
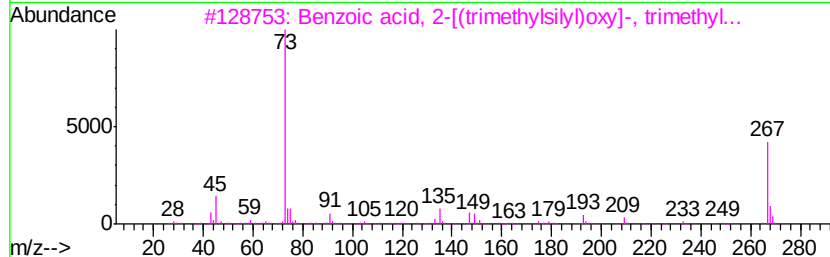
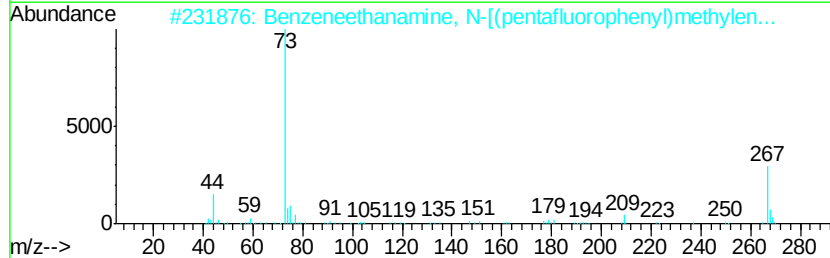
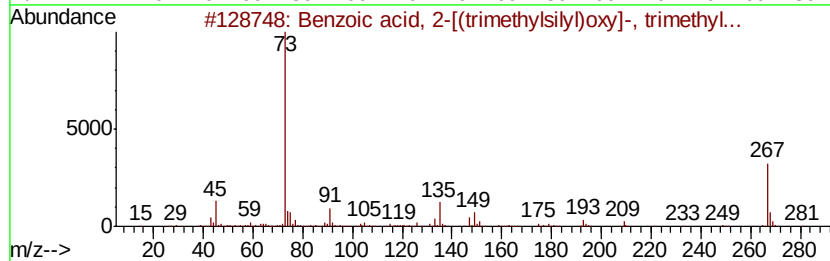
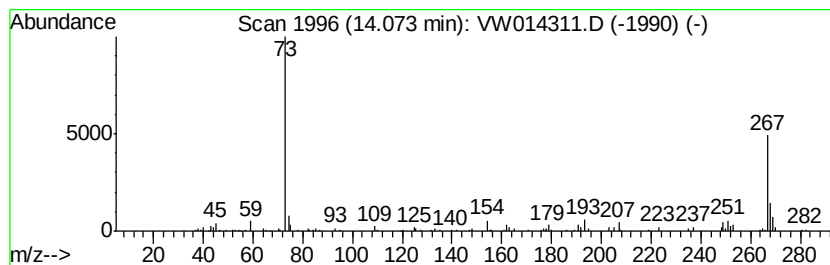
Instrument :
MSVOA_W
ClientSampleId :
C0C15RE

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Quant Title : VOC Analysis

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

Peak Number 13 Benzoic acid, 2-[(trimethyl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.07	1.64 ug/L	70111	1,4-Dichlorobenzene-d4	13.55		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	50	
2	Benzenethanamine, N-[(pentaflu...	475	C21H26F5N02Si2	055429-85-1	45	
3	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	42	
4	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	40	
5	4-Methylcatechol, bis(trimethyls...	268	C13H24O2Si2	1000332-79-9	27	



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121119\
Data File : VW014311.D
Acq On : 11 Dec 2019 18:33
Operator : SY/VA
Sample : K6172-17RE
Misc : 4.80G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

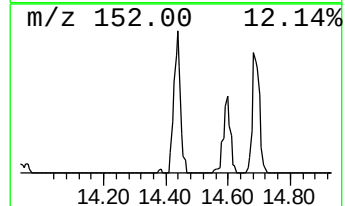
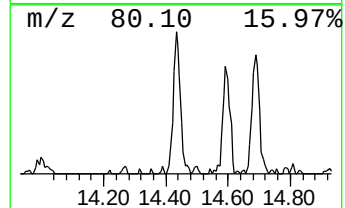
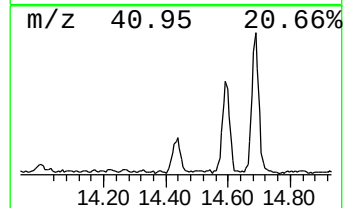
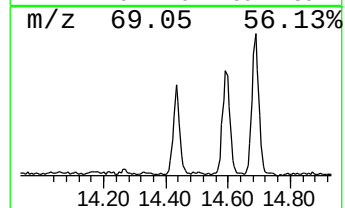
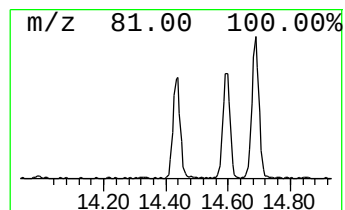
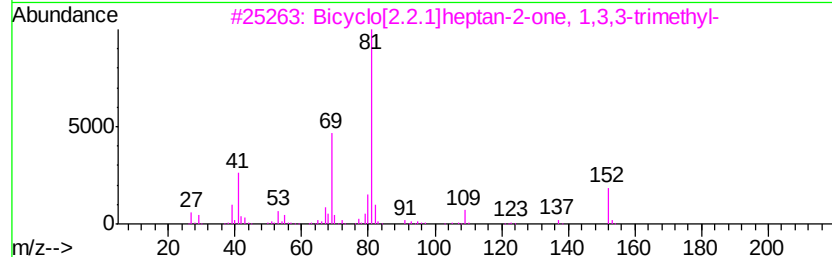
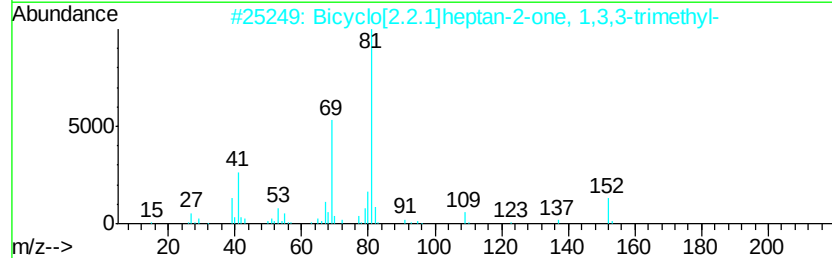
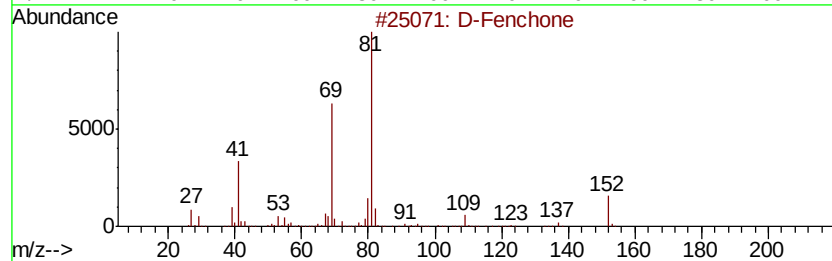
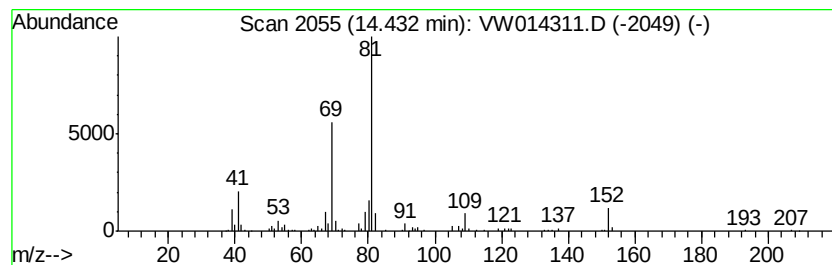
Instrument :
MSVOA_W
ClientSampled :
C0C15RE

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 14 D-Fenchone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	2.50 ug/L	106681	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	D-Fenchone	152 C10H16O	004695-62-9	91
2	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152 C10H16O	001195-79-5	91
3	Bicyclo[2.2.1]heptan-2-one, 1,3,...	152 C10H16O	001195-79-5	91
4	L-Fenchone	152 C10H16O	007787-20-4	91
5	L-Fenchone	152 C10H16O	007787-20-4	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121119\
Data File : VW014311.D
Acq On : 11 Dec 2019 18:33
Operator : SY/VA
Sample : K6172-17RE
Misc : 4.80G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0C15RE

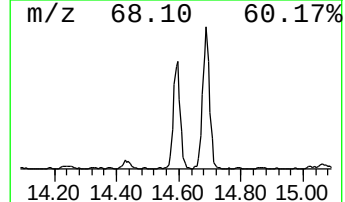
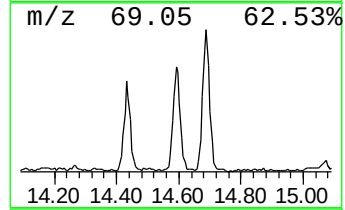
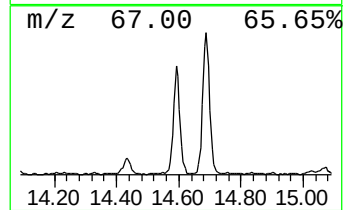
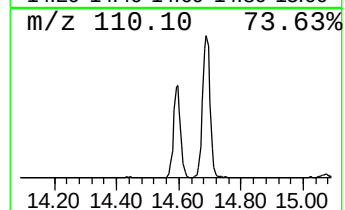
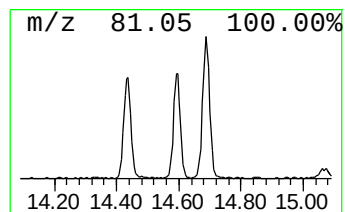
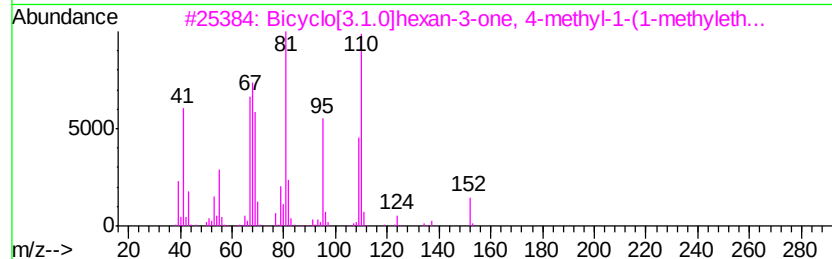
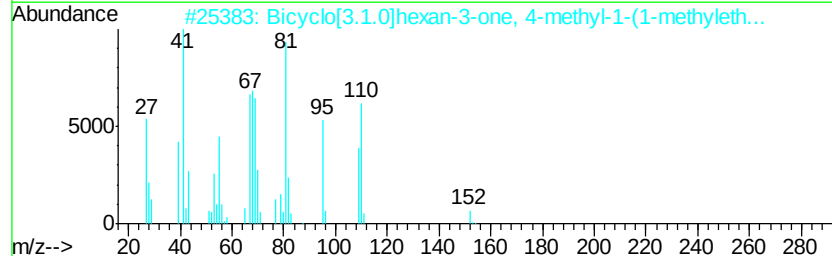
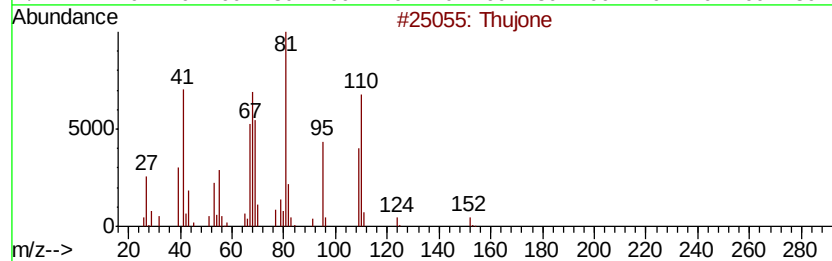
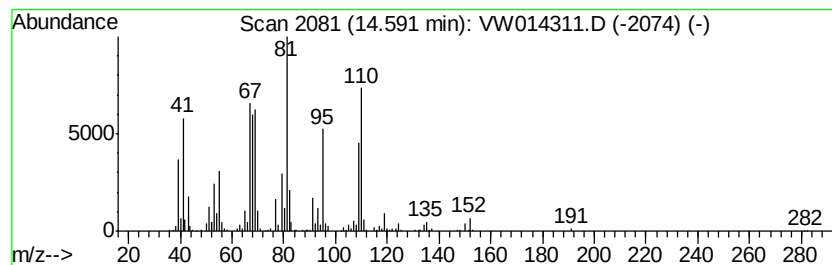
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Quant Title : VOC Analysis

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

Peak Number 15 Thujone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	7.06 ug/L	301053	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thujone	152	C10H16O	000546-80-5	97
2		Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	000471-15-8	93
3		Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	000471-15-8	91
4		Thujone	152	C10H16O	000546-80-5	90
5		Bicyclo[3.1.0]hexan-3-one, 4-met...	152	C10H16O	001125-12-8	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121119\
Data File : VW014311.D
Acq On : 11 Dec 2019 18:33
Operator : SY/VA
Sample : K6172-17RE
Misc : 4.80G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0C15RE

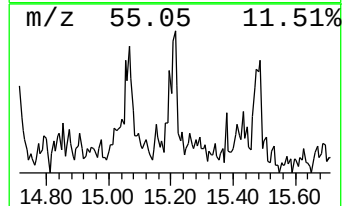
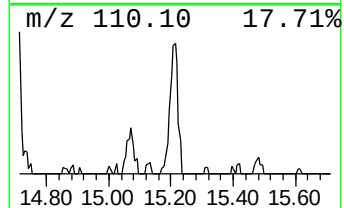
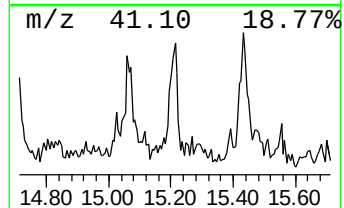
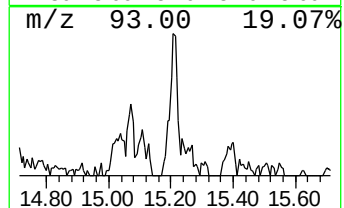
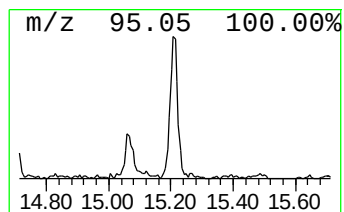
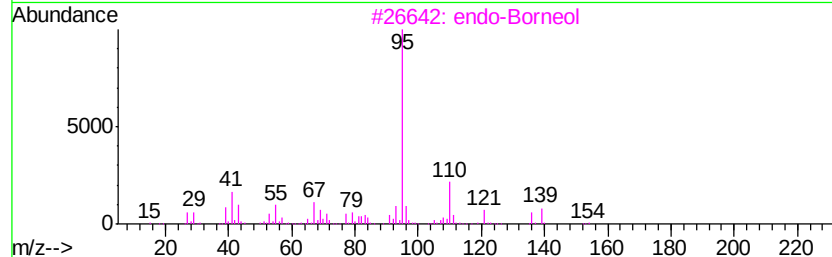
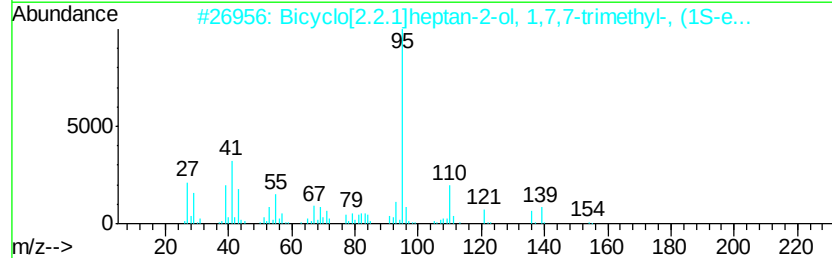
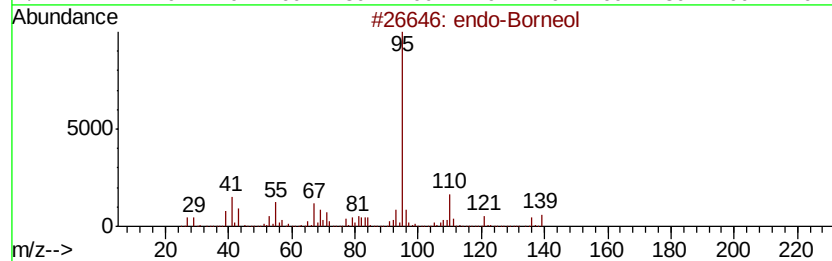
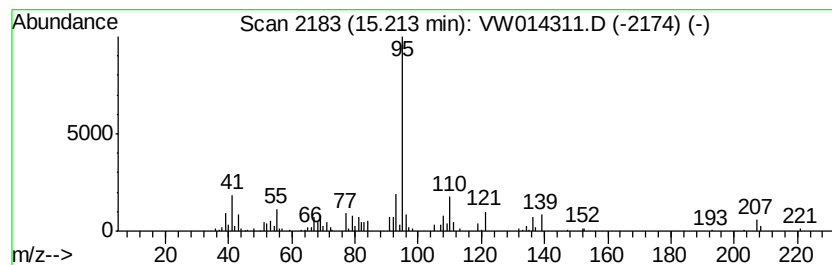
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 17 endo-Borneol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	1.39 ug/L	59517	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	endo-Borneol	154	C10H18O	000507-70-0	83
2		Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	154	C10H18O	000464-45-9	78
3		endo-Borneol	154	C10H18O	000507-70-0	78
4		endo-Borneol	154	C10H18O	000507-70-0	72
5		1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121119\
Data File : VW014311.D
Acq On : 11 Dec 2019 18:33
Operator : SY/VA
Sample : K6172-17RE
Misc : 4.80G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0C15RE

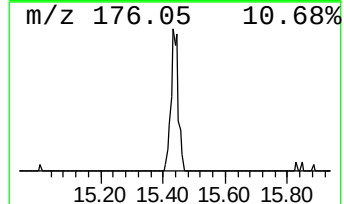
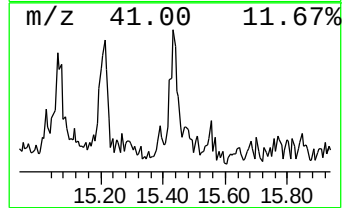
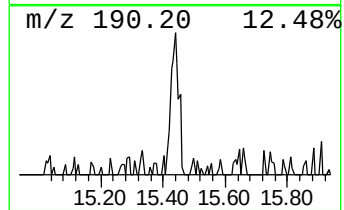
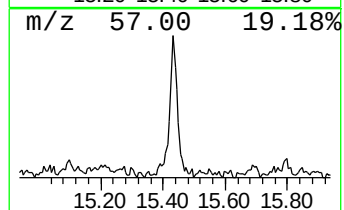
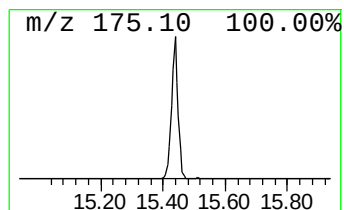
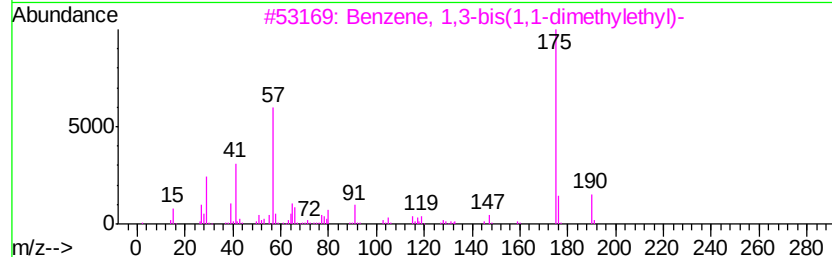
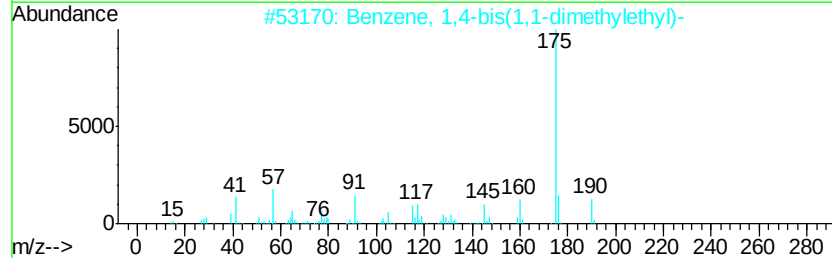
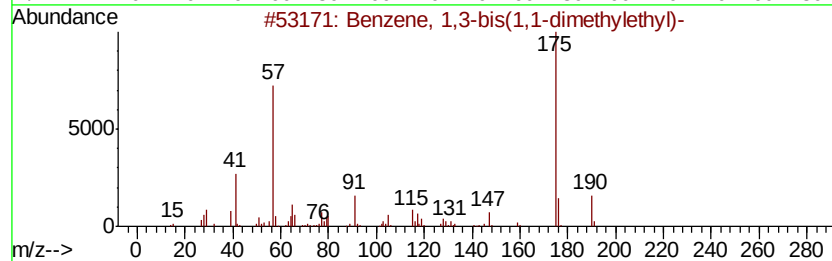
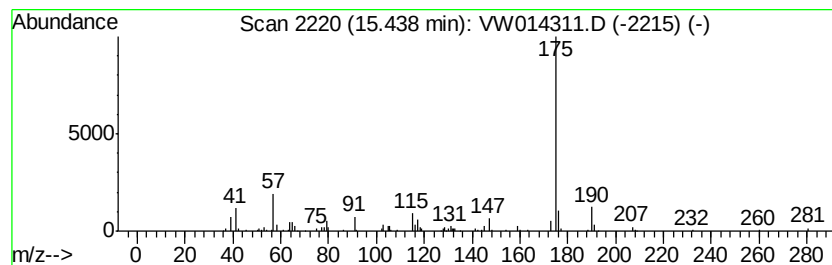
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 18 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	1.35 ug/L	57718	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	90
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-dimethylethyl)-	190	C13H18O	018127-01-0	72
5		Benzene, 1,4-bis(1,1-dimethylethyl)-	190	C14H22	001012-72-2	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121119\
Data File : VW014311.D
Acq On : 11 Dec 2019 18:33
Operator : SY/VA
Sample : K6172-17RE
Misc : 4.80G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

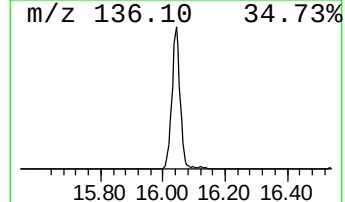
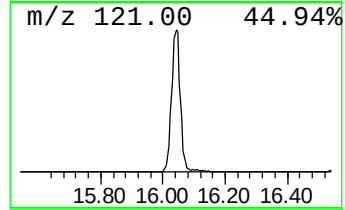
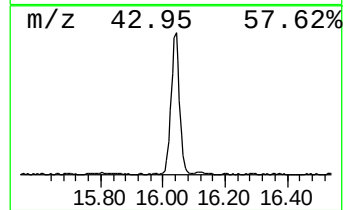
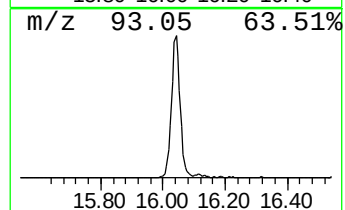
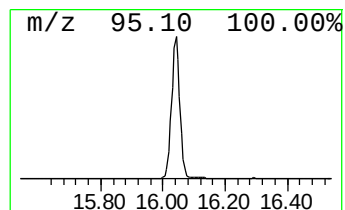
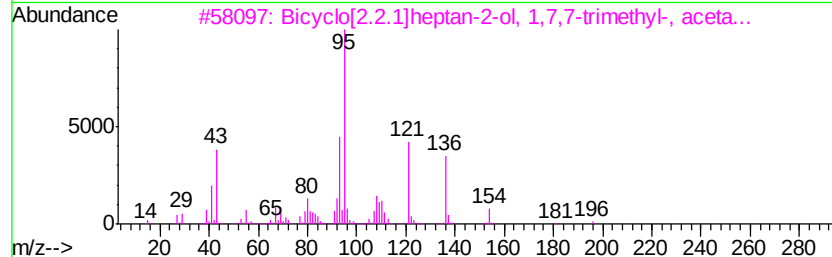
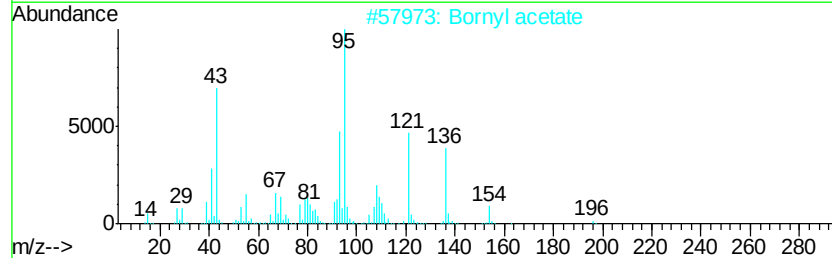
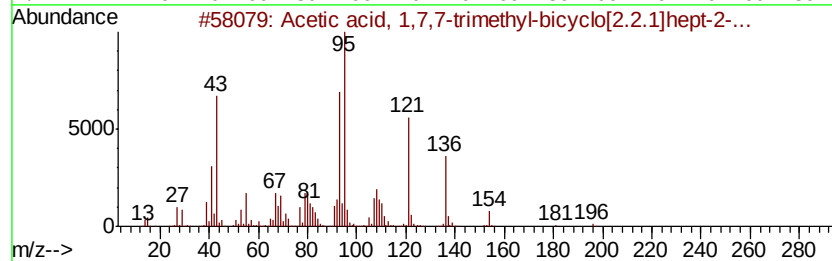
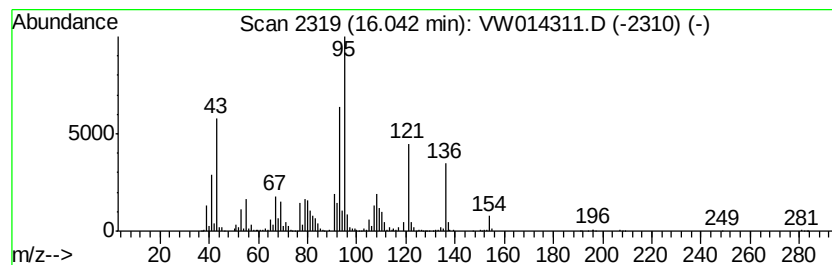
Instrument :
MSVOA_W
ClientSampleId :
C0C15RE

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 19 Acetic acid, 1,7,7-trimethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.04	20.87 ug/L	890349	1,4-Dichlorobenzene-d4	13.55		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 1,7,7-trimethyl-bic...	196	C12H20O2	092618-89-8	99	
2	Bornyl acetate	196	C12H20O2	000076-49-3	98	
3	Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	196	C12H20O2	005655-61-8	96	
4	Acetic acid, 1,7,7-trimethyl-bic...	196	C12H20O2	092618-89-8	95	
5	Bornyl acetate	196	C12H20O2	000076-49-3	83	



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121119\
 Data File : VW014311.D
 Acq On : 11 Dec 2019 18:33
 Operator : SY/VA
 Sample : K6172-17RE
 Misc : 4.80G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0C15RE

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
Sulfur dioxide	2.17	2.3	ug/L	213871	1	8.84	2281840	25.0
Tricyclo[2.2.1.0(...	12.37	8.5	ug/L	660792	2	11.63	1945980	25.0
.alpha.-Pinene	12.47	43.7	ug/L	3401220	2	11.63	1945980	25.0
.beta.-Myrcene	12.96	15.7	ug/L	671718	3	13.55	1066700	25.0
Bicyclo[2.2.1]hep...	13.04	22.9	ug/L	978042	3	13.55	1066700	25.0
1,3-Cyclohexadien...	13.36	1.7	ug/L	73483	3	13.55	1066700	25.0
D-Limonene	13.47	39.8	ug/L	1699300	3	13.55	1066700	25.0
Eucalyptol	13.62	7.8	ug/L	330831	3	13.55	1066700	25.0
.gamma.-Terpinene	13.71	2.2	ug/L	93817	3	13.55	1066700	25.0
2-Carene	14.00	1.4	ug/L	57969	3	13.55	1066700	25.0
Benzoic acid, 2-[...	14.07	1.6	ug/L	70111	3	13.55	1066700	25.0
D-Fenchone	14.43	2.5	ug/L	106681	3	13.55	1066700	25.0
Thujone	14.59	7.1	ug/L	301053	3	13.55	1066700	25.0
endo-Borneol	15.21	1.4	ug/L	59517	3	13.55	1066700	25.0
Benzene, 1,3-bis(...	15.44	1.4	ug/L	57718	3	13.55	1066700	25.0
Acetic acid, 1,7,...	16.04	20.9	ug/L	890349	3	13.55	1066700	25.0