

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100120\
 Data File : VW016734.D
 Acq On : 01 Oct 2020 13:26
 Operator : SY/VA
 Sample : L4201-14
 Misc : 3.54G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AQ6

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\SOM2WLM091520S.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	2.367	70	76	88	rVB	77263	157235	2.93%	0.900%
2	2.903	157	164	182	rVB	68100	187389	3.50%	1.072%
3	3.245	219	220	223	rBV2	520	424	0.01%	0.002%
4	3.397	239	245	253	rVV4	4230	10531	0.20%	0.060%
5	3.556	269	271	274	rBV2	466	702	0.01%	0.004%
6	3.617	279	281	287	rVB3	584	863	0.02%	0.005%
7	3.751	300	303	308	rVB4	297	481	0.01%	0.003%
8	3.891	318	326	334	rVB5	1538	4264	0.08%	0.024%
9	4.031	336	349	365	rBV	166722	504071	9.40%	2.884%
10	4.220	374	380	390	rVB3	7450	20179	0.38%	0.115%
11	4.617	439	445	446	rBV3	907	965	0.02%	0.006%
12	4.690	456	457	460	rVB2	517	406	0.01%	0.002%
13	4.928	484	496	505	rBV7	6000	23219	0.43%	0.133%
14	5.123	524	528	530	rBV2	553	724	0.01%	0.004%
15	5.958	655	665	674	rVB7	3182	9913	0.18%	0.057%
16	6.299	712	721	729	rVV3	3521	8731	0.16%	0.050%
17	6.628	765	775	779	rBV7	1320	3918	0.07%	0.022%
18	6.756	794	796	799	rVB2	350	398	0.01%	0.002%
19	7.000	829	836	837	rBV3	227	539	0.01%	0.003%
20	7.092	839	851	854	rBV2	21282	50879	0.95%	0.291%
21	7.433	903	907	908	rBV4	738	794	0.01%	0.005%
22	7.464	908	912	914	rVV3	711	973	0.02%	0.006%
23	7.659	933	944	962	rVB	259252	630046	11.75%	3.605%
24	7.957	986	993	999	rVB5	1266	2861	0.05%	0.016%
25	8.281	1034	1046	1062	rBV2	501549	1490554	27.80%	8.529%
26	8.695	1111	1114	1122	rVB6	1199	2502	0.05%	0.014%
27	8.848	1130	1139	1152	rBV	594043	1151409	21.48%	6.588%
28	9.085	1172	1178	1184	rVB4	1642	2975	0.06%	0.017%
29	9.280	1201	1210	1220	rBV	318925	647293	12.07%	3.704%
30	9.463	1239	1240	1242	rBV2	595	615	0.01%	0.004%
31	9.671	1268	1274	1278	rBV5	1856	3892	0.07%	0.022%
32	9.762	1283	1289	1297	rVB4	9009	18465	0.34%	0.106%
33	9.896	1304	1311	1319	rBV	24167	48769	0.91%	0.279%
34	10.036	1322	1334	1345	rBV	99436	188656	3.52%	1.079%

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 Title : VOC Analysis

35	10.134	1345	1350	1358	rVB6	2818	6427	0.12%	0.037%
36	10.256	1360	1370	1374	rBV2	11125	21588	0.40%	0.124%
37	10.329	1374	1382	1390	rBV	656823	1148297	21.42%	6.570%
38	10.487	1404	1408	1409	rBV	1110	1115	0.02%	0.006%
39	10.524	1409	1414	1418	rVV3	8009	14523	0.27%	0.083%
40	10.585	1418	1424	1429	rVV	60126	105014	1.96%	0.601%
41	10.707	1438	1444	1450	rVB2	11167	20889	0.39%	0.120%
42	10.780	1450	1456	1461	rBV5	8586	15230	0.28%	0.087%
43	10.853	1464	1468	1474	rVB7	1286	2605	0.05%	0.015%
44	10.926	1474	1480	1495	rBV4	82162	201067	3.75%	1.150%
45	11.067	1498	1503	1509	rBV3	5284	9887	0.18%	0.057%
46	11.170	1517	1520	1526	rVB6	984	1947	0.04%	0.011%
47	11.243	1530	1532	1533	rBV2	425	454	0.01%	0.003%
48	11.280	1533	1538	1539	rBV2	1456	2104	0.04%	0.012%
49	11.445	1561	1565	1571	rVB2	5753	9349	0.17%	0.053%
50	11.548	1573	1582	1585	rBV3	2073	5028	0.09%	0.029%
51	11.634	1587	1596	1604	rBV	644496	1101805	20.55%	6.304%
52	11.877	1626	1636	1642	rVB2	8083	15734	0.29%	0.090%
53	11.975	1650	1652	1655	rVB2	630	688	0.01%	0.004%
54	12.030	1655	1661	1663	rBV4	940	1744	0.03%	0.010%
55	12.066	1664	1667	1672	rVV4	1705	2538	0.05%	0.015%
56	12.164	1681	1683	1686	rBV3	786	738	0.01%	0.004%
57	12.243	1693	1696	1701	rBV5	876	1706	0.03%	0.010%
58	12.371	1705	1717	1724	rBV	73109	139016	2.59%	0.795%
59	12.475	1724	1734	1741	rBV	578755	937514	17.49%	5.364%
60	12.609	1747	1756	1761	rBV2	41789	86417	1.61%	0.494%
61	12.725	1764	1775	1792	rVB	2980965	5360790	100.00%	30.673%
62	12.865	1796	1798	1799	rBV2	486	427	0.01%	0.002%
63	12.938	1804	1810	1819	rBV3	49234	122325	2.28%	0.700%
64	13.030	1819	1825	1833	rVB2	89939	174862	3.26%	1.001%
65	13.121	1836	1840	1844	rBV3	4305	7612	0.14%	0.044%
66	13.194	1844	1852	1858	rVB	21924	39664	0.74%	0.227%
67	13.249	1858	1861	1864	rVB5	1341	1381	0.03%	0.008%
68	13.298	1864	1869	1875	rVB2	19397	32143	0.60%	0.184%
69	13.383	1875	1883	1892	rBV	388004	650645	12.14%	3.723%
70	13.469	1892	1897	1904	rVV2	269700	472896	8.82%	2.706%
71	13.560	1904	1912	1917	rVV	386093	713845	13.32%	4.084%

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72	13.609	1917	1920	1930	rVB2	40642	77750	1.45%	0.445%
73	13.719	1933	1938	1942	rBV	21939	35658	0.67%	0.204%
74	13.767	1942	1946	1952	rVB3	14300	25707	0.48%	0.147%
75	13.853	1954	1960	1967	rBV	284462	489837	9.14%	2.803%
76	13.999	1980	1984	1990	rBV	20889	30401	0.57%	0.174%
77	14.072	1991	1996	2013	rVB	30687	59077	1.10%	0.338%
78	14.200	2013	2017	2020	rBV3	1977	2617	0.05%	0.015%
79	14.267	2022	2028	2031	rBV5	5531	9642	0.18%	0.055%
80	14.328	2032	2038	2043	rVV7	4257	9298	0.17%	0.053%
81	14.432	2052	2055	2057	rBV3	659	689	0.01%	0.004%
82	14.688	2095	2097	2098	rBV2	791	652	0.01%	0.004%
83	14.725	2099	2103	2110	rVB5	3705	5731	0.11%	0.033%
84	14.840	2120	2122	2126	rVB4	517	587	0.01%	0.003%
85	14.907	2132	2133	2137	rBV3	550	879	0.02%	0.005%
86	14.956	2137	2141	2143	rVB3	797	1119	0.02%	0.006%
87	15.072	2152	2160	2173	rVV2	31092	67326	1.26%	0.385%
88	15.163	2173	2175	2177	rBV3	915	851	0.02%	0.005%
89	15.401	2212	2214	2215	rBV2	1161	823	0.02%	0.005%
90	15.444	2217	2221	2225	rVV3	4950	8733	0.16%	0.050%
91	15.493	2225	2229	2235	rVV3	5373	13240	0.25%	0.076%
92	15.554	2237	2239	2244	rVB4	3992	5716	0.11%	0.033%
93	15.694	2260	2262	2266	rVB4	1580	1595	0.03%	0.009%
94	15.767	2272	2274	2276	rBV3	1160	1275	0.02%	0.007%
95	15.804	2278	2280	2283	rVV2	1737	1366	0.03%	0.008%
96	15.846	2285	2287	2290	rVB4	1357	1207	0.02%	0.007%
97	15.962	2303	2306	2310	rBV6	1036	1912	0.04%	0.011%
98	16.041	2314	2319	2325	rVV5	7155	12991	0.24%	0.074%
99	16.688	2422	2425	2426	rBV2	966	999	0.02%	0.006%
100	16.706	2426	2428	2433	rVB6	2283	3762	0.07%	0.022%

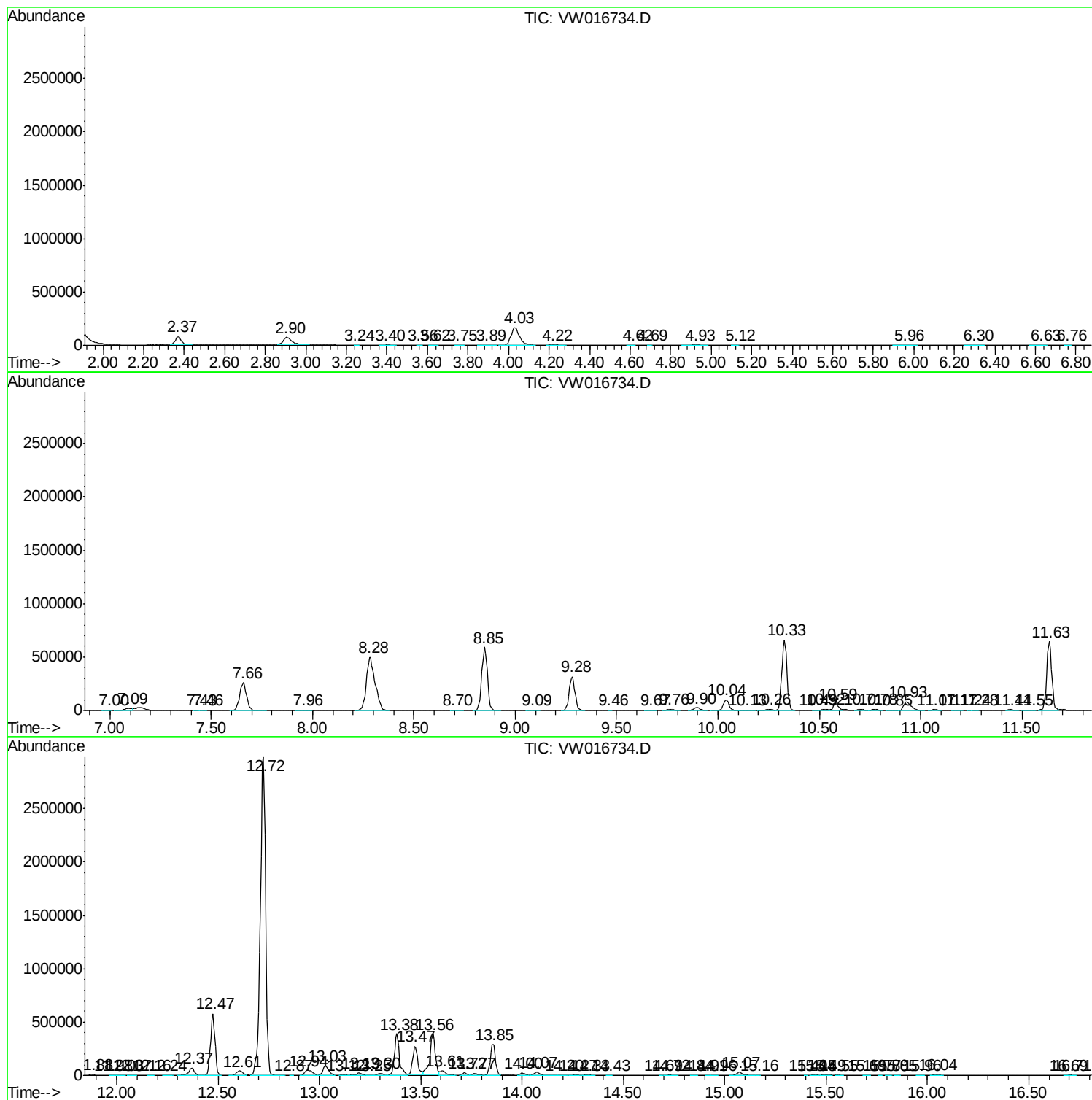
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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



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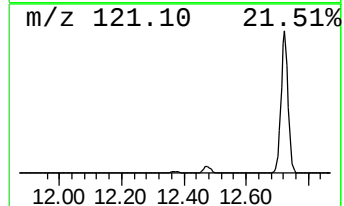
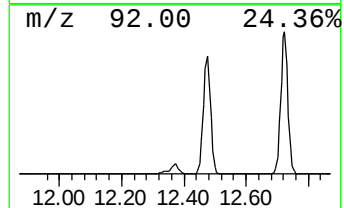
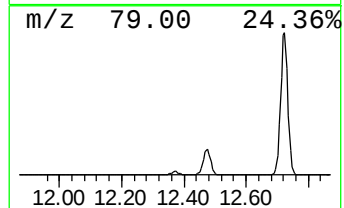
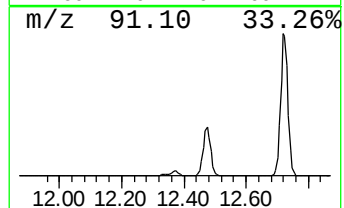
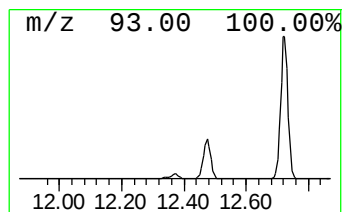
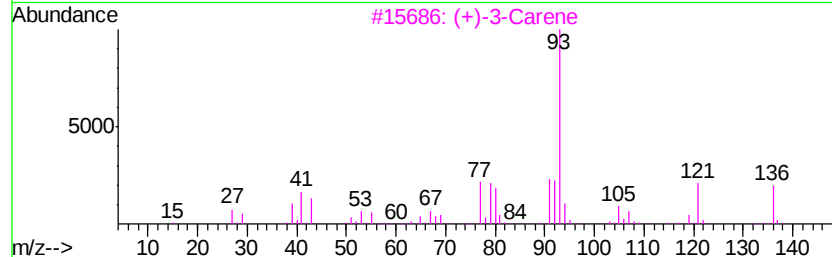
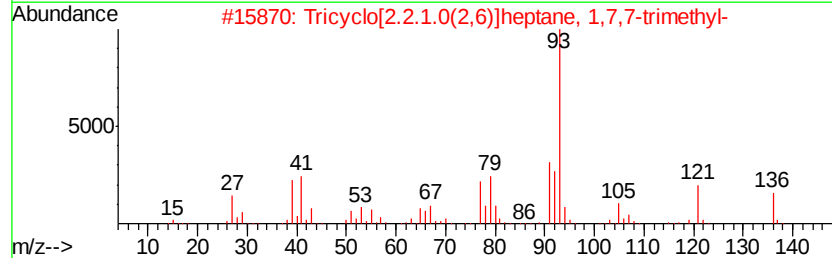
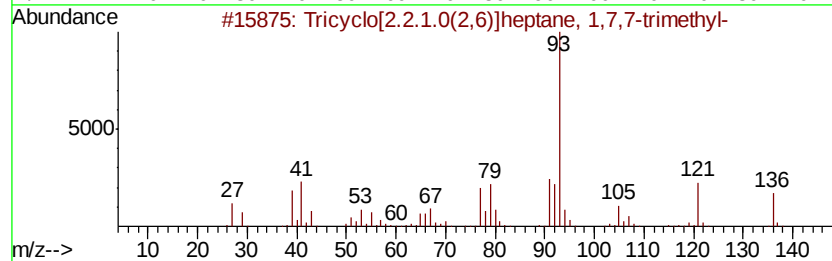
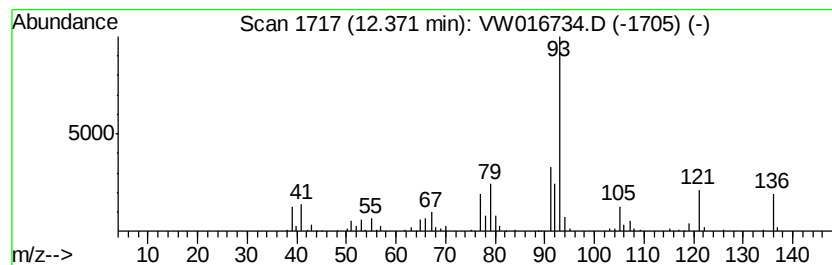
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	3.15 ug/L	139016	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		(+)-3-Carene	136	C10H16	000498-15-7	94
4		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	93
5		3-Carene	136	C10H16	013466-78-9	91



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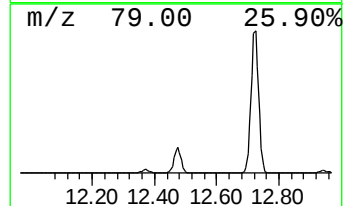
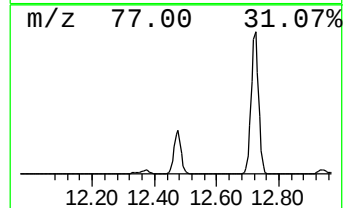
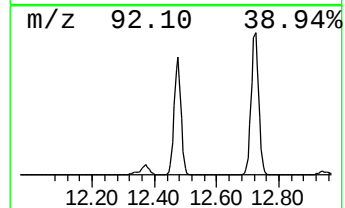
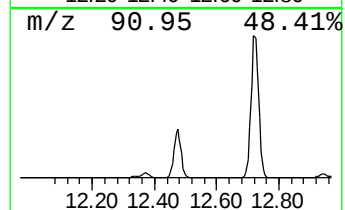
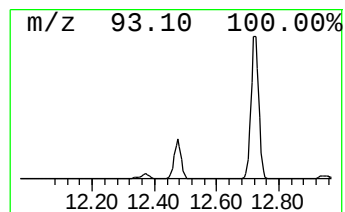
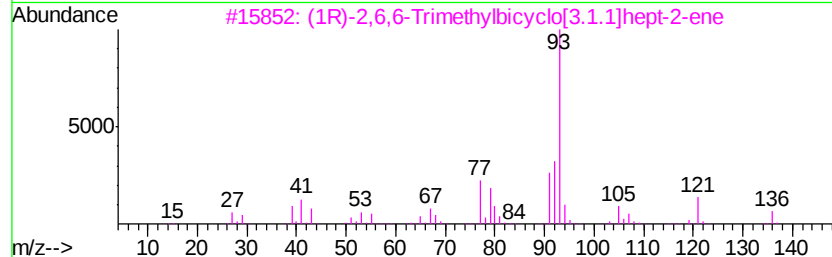
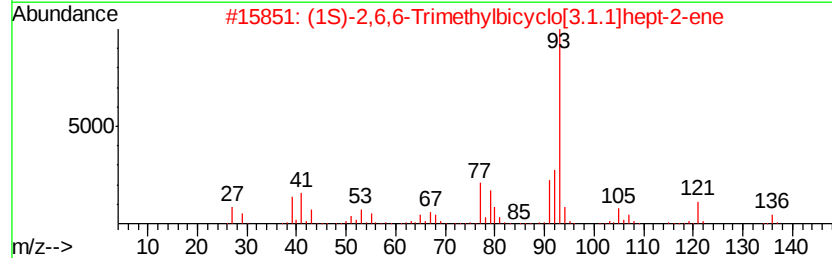
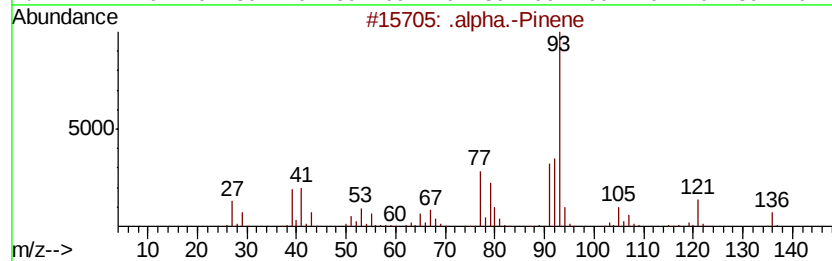
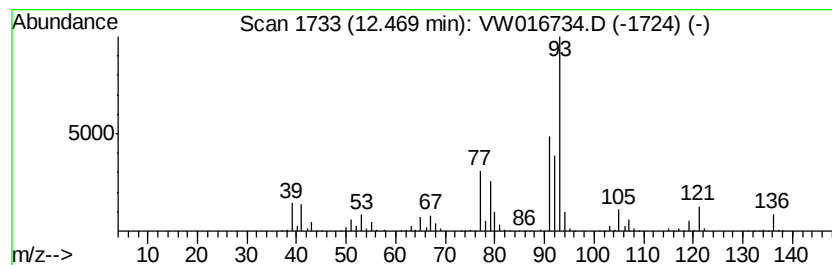
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Quant Title : VOC Analysis

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

Peak Number 3 .alpha.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.47	21.27 ug/L	937514	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.alpha.-Pinene	136	C10H16	000080-56-8	97
2		(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	95
3		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
4		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
5		.alpha.-Pinene	136	C10H16	000080-56-8	94



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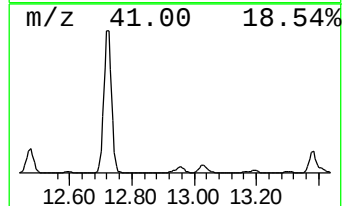
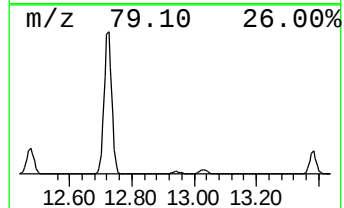
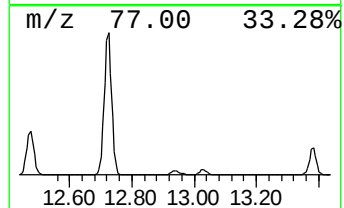
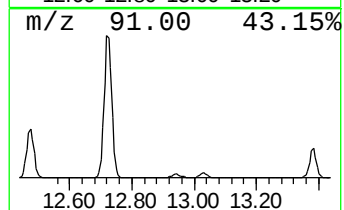
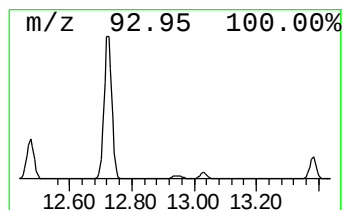
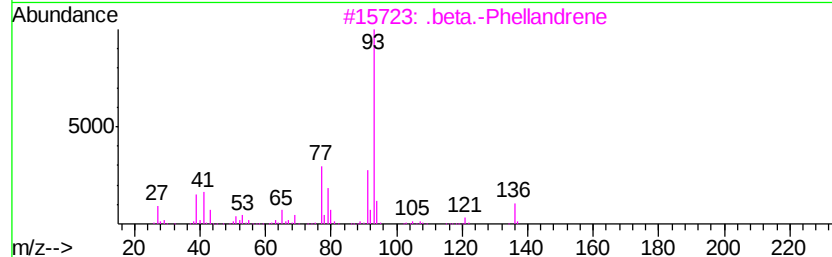
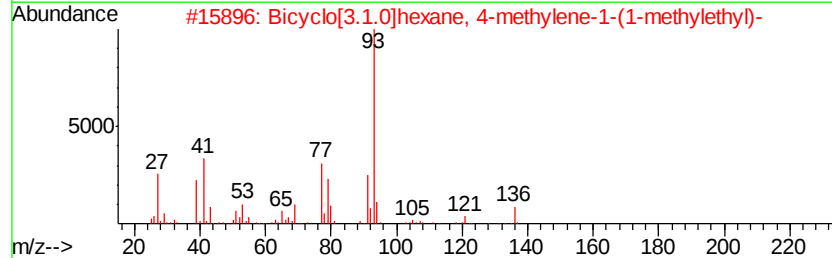
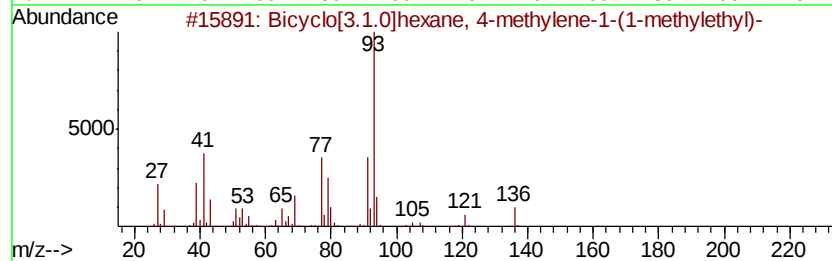
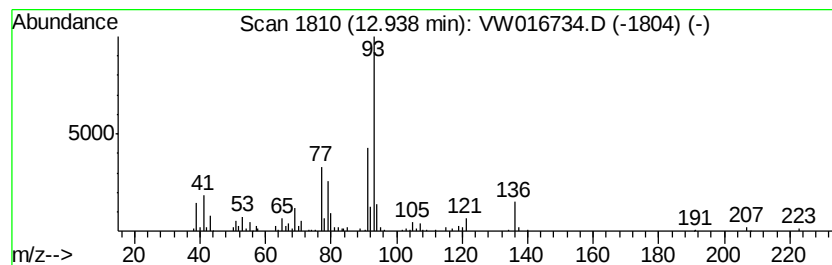
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Quant Title : VOC Analysis

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

Peak Number 5 Bicyclo[3.1.0]hexane, 4-met... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	4.28 ug/L	122325	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	91
2		Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	91
3		.beta.-Phellandrene	136	C10H16	000555-10-2	91
4		Bicyclo[3.1.0]hex-2-ene, 4-methy...	136	C10H16	028634-89-1	90
5		.beta.-Phellandrene	136	C10H16	000555-10-2	90



Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100120\
Data File : VW016734.D
Acq On : 01 Oct 2020 13:26
Operator : SY/VA
Sample : L4201-14
Misc : 3.54G/10ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

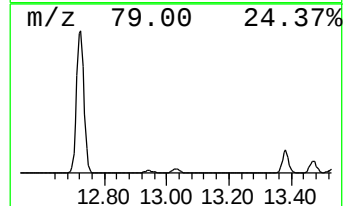
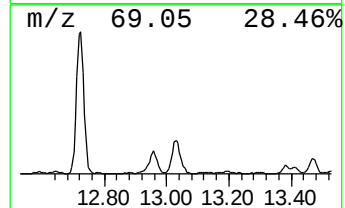
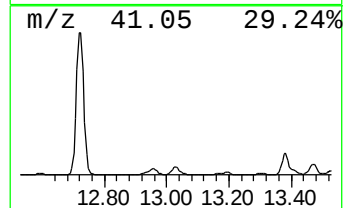
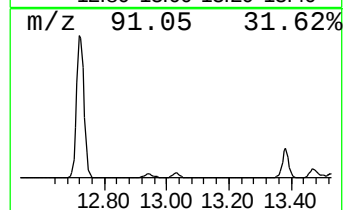
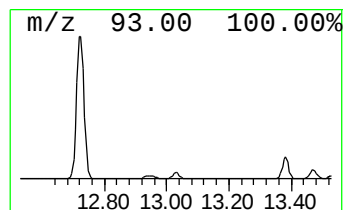
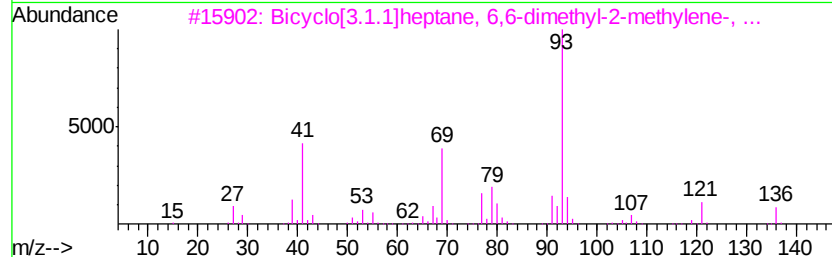
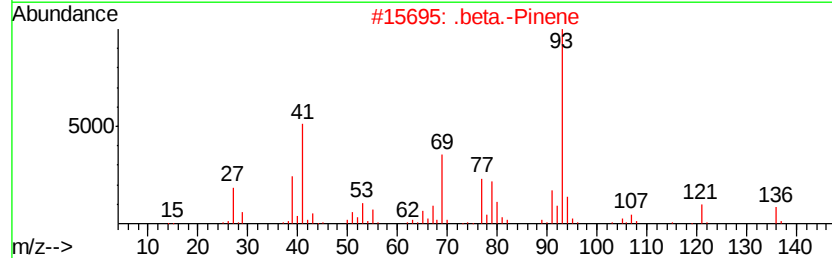
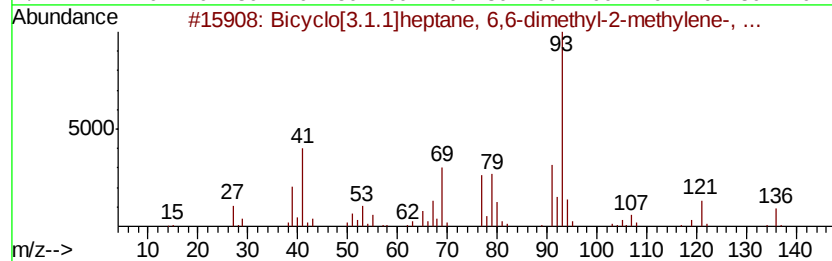
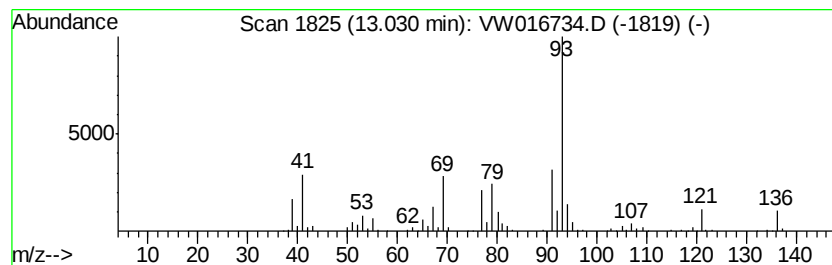
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	6.12 ug/L	174862	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[3.1.1]heptane, 6,6-dimet...	136 C10H16	018172-67-3 96
2		.beta.-Pinene	136 C10H16	000127-91-3 94
3		Bicyclo[3.1.1]heptane, 6,6-dimet...	136 C10H16	018172-67-3 94
4		.beta.-Pinene	136 C10H16	000127-91-3 93
5		.beta.-Pinene	136 C10H16	000127-91-3 91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100120\
Data File : VW016734.D
Acq On : 01 Oct 2020 13:26
Operator : SY/VA
Sample : L4201-14
Misc : 3.54G/10ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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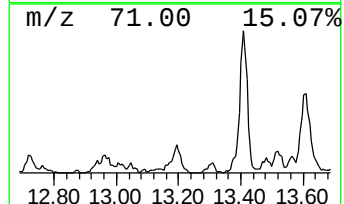
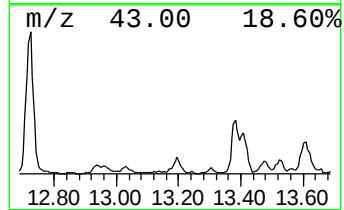
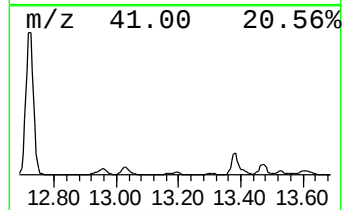
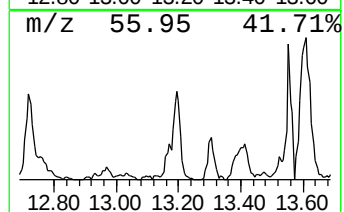
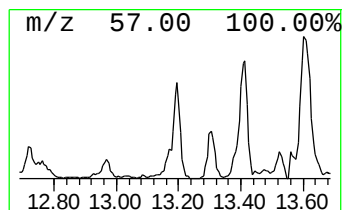
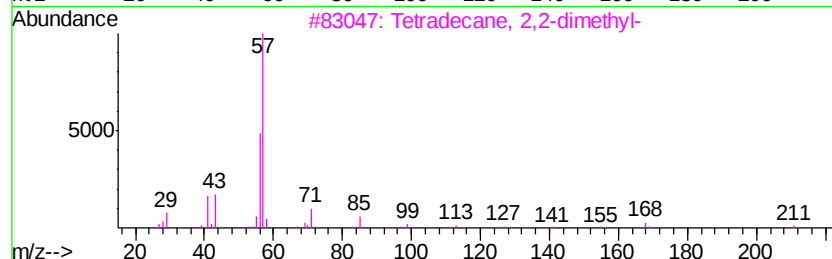
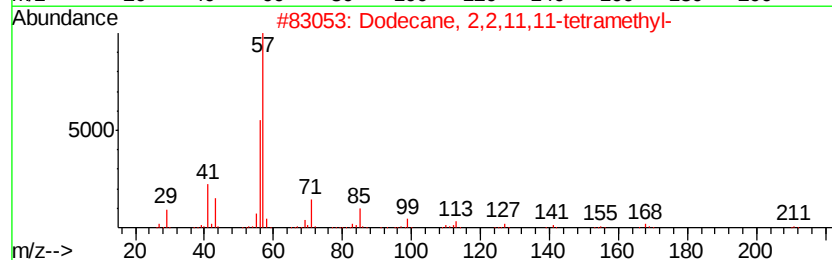
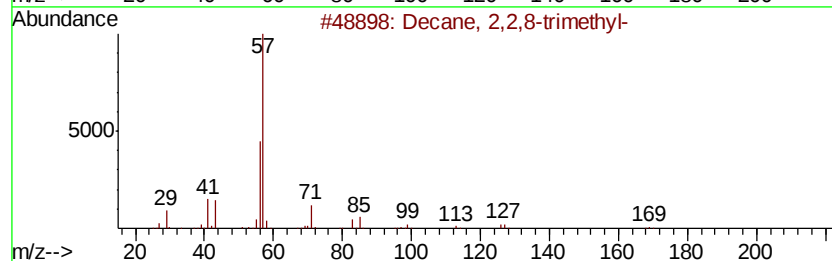
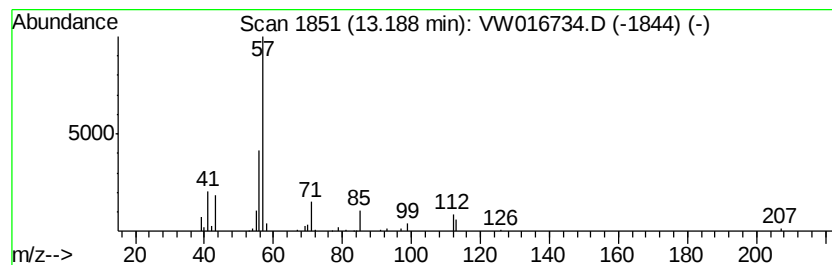
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Quant Title : VOC Analysis

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

Peak Number 7 Decane, 2,2,8-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	1.39 ug/L	39664	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	78
2		Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	72
3		Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	72
4		Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	59
5		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	56



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100120\
Data File : VW016734.D
Acq On : 01 Oct 2020 13:26
Operator : SY/VA
Sample : L4201-14
Misc : 3.54G/10ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

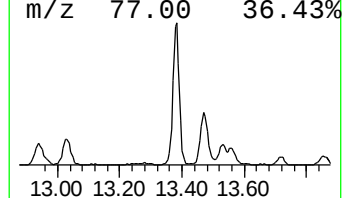
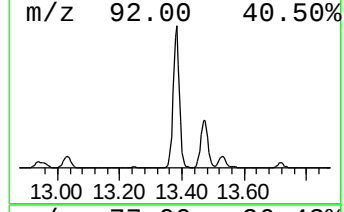
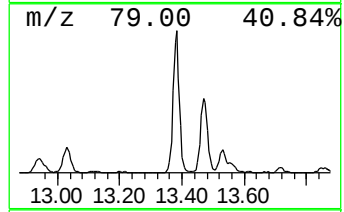
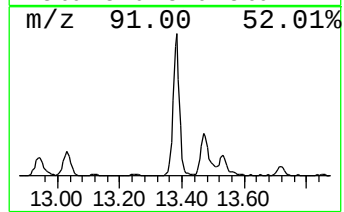
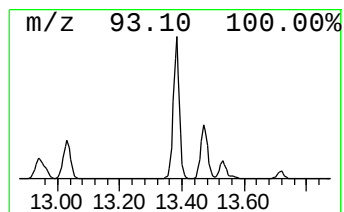
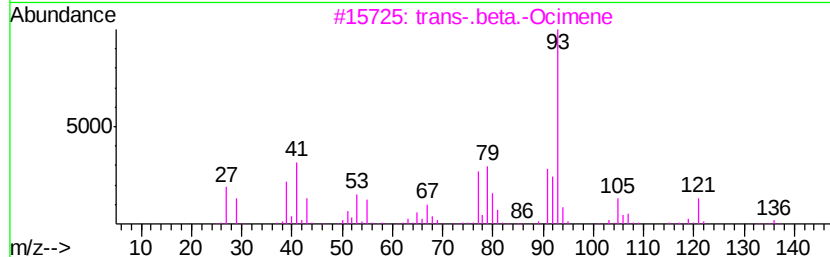
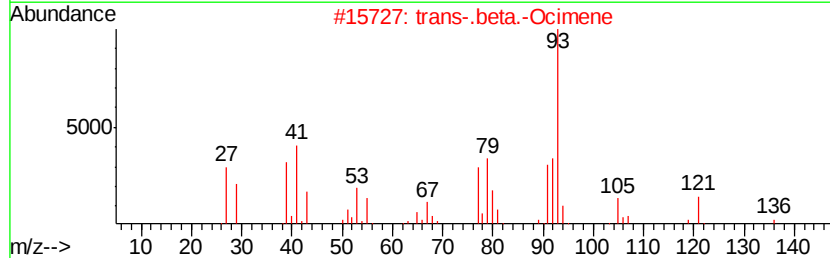
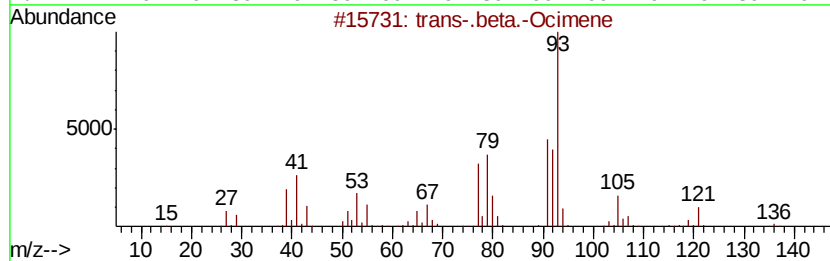
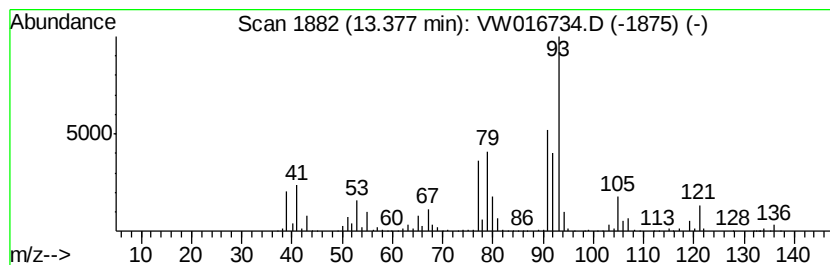
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis

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

Peak Number 8 trans-.beta.-Ocimene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	22.79 ug/L	650645	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	trans-.beta.-Ocimene	136 C10H16	003779-61-1	96
2	trans-.beta.-Ocimene	136 C10H16	003779-61-1	95
3	trans-.beta.-Ocimene	136 C10H16	003779-61-1	94
4	.alpha.-Pinene	136 C10H16	000080-56-8	91
5	4-Carene, (1S,3R,6R)-(-)-	136 C10H16	005208-49-1	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100120\
 Data File : VW016734.D
 Acq On : 01 Oct 2020 13:26
 Operator : SY/VA
 Sample : L4201-14
 Misc : 3.54G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
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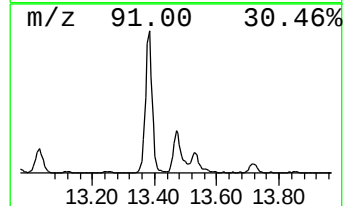
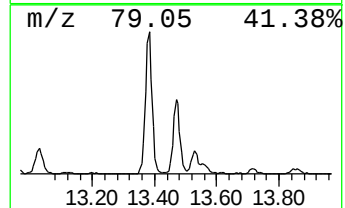
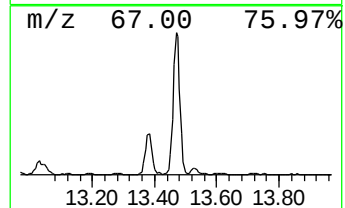
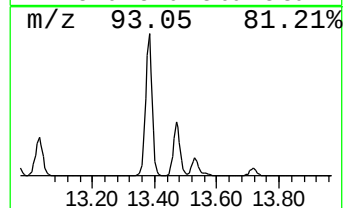
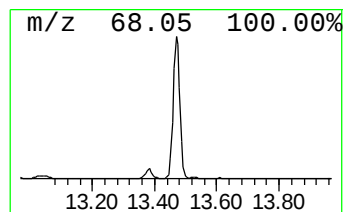
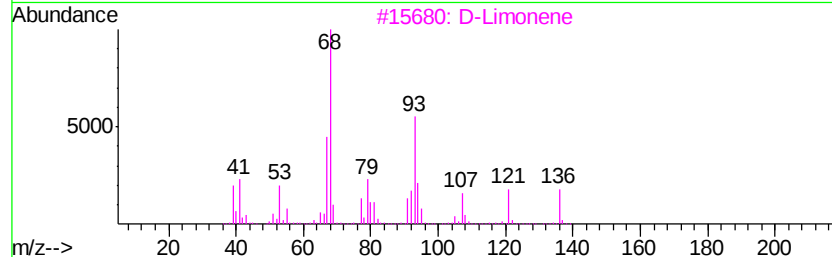
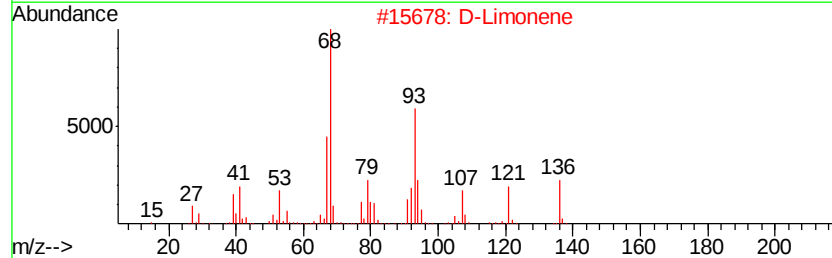
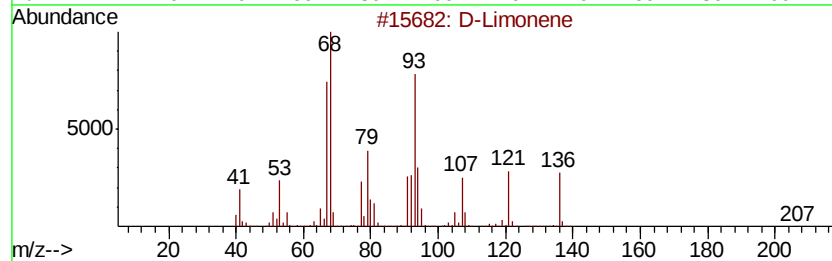
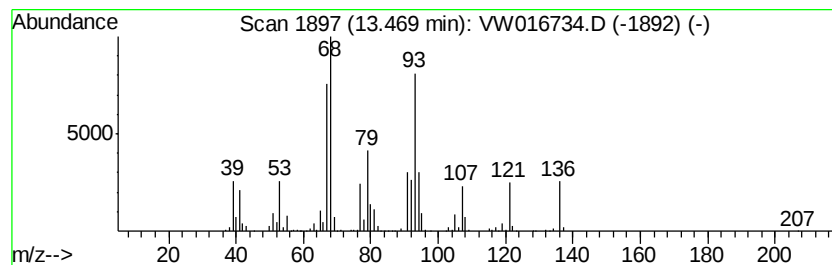
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 Quant Title : VOC Analysis

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

 Peak Number 9 D-Limonene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	16.56 ug/L	472896	1,4-Dichlorobenzene-d4	13.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			D-Limonene	136	C10H16	005989-27-5	99
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			Limonene	136	C10H16	000138-86-3	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100120\
Data File : VW016734.D
Acq On : 01 Oct 2020 13:26
Operator : SY/VA
Sample : L4201-14
Misc : 3.54G/10ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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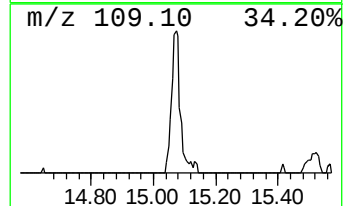
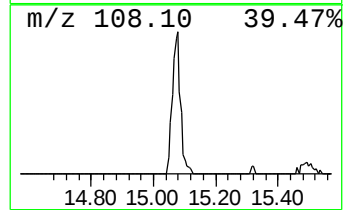
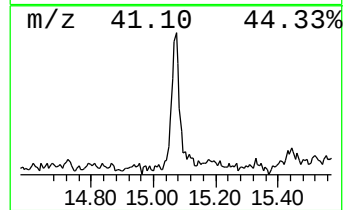
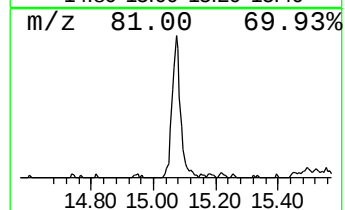
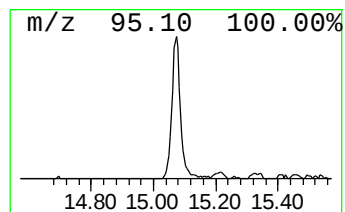
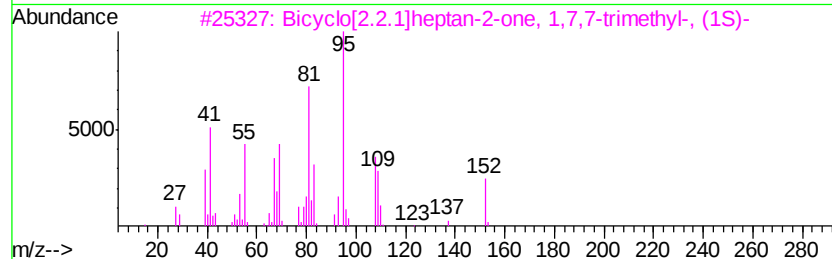
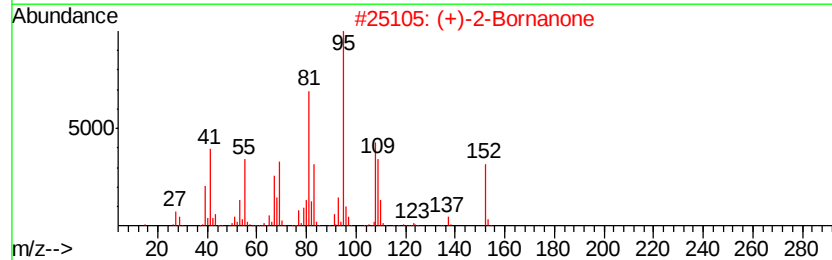
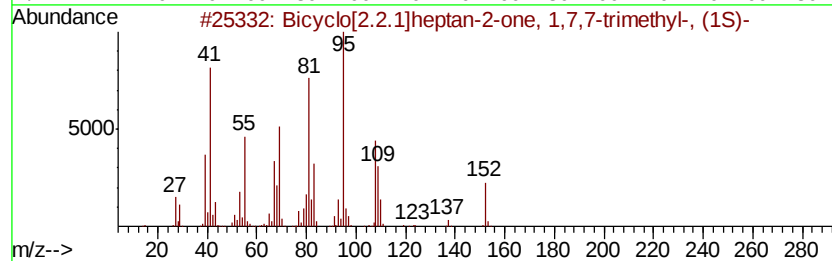
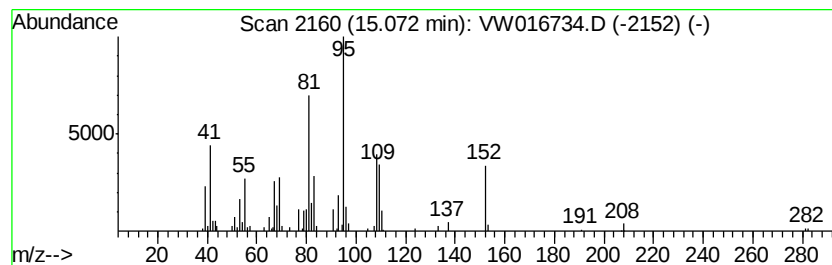
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Quant Title : VOC Analysis

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

Peak Number 11 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	2.36 ug/L	67326	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	97
2		(+)-2-Bornanone	152	C10H16O	000464-49-3	96
3		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	95
4		(+)-2-Bornanone	152	C10H16O	000464-49-3	94
5		(+)-2-Bornanone	152	C10H16O	000464-49-3	93



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100120\
Data File : VW016734.D
Acq On : 01 Oct 2020 13:26
Operator : SY/VA
Sample : L4201-14
Misc : 3.54G/10ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AQ6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.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
Tricyclo[2.2.1.0](...	12.37	3.1	ug/L	139016	2	11.63	1101810	25.0
.alpha.-Pinene	12.47	21.3	ug/L	937514	2	11.63	1101810	25.0
Bicyclo[3.1.0]hex...	12.94	4.3	ug/L	122325	3	13.56	713845	25.0
Bicyclo[3.1.1]hep...	13.03	6.1	ug/L	174862	3	13.56	713845	25.0
Decane, 2,2,8-tri...	13.19	1.4	ug/L	39664	3	13.56	713845	25.0
trans-.beta.-Ocimene	13.38	22.8	ug/L	650645	3	13.56	713845	25.0
D-Limonene	13.47	16.6	ug/L	472896	3	13.56	713845	25.0
Bicyclo[2.2.1]hep...	15.07	2.4	ug/L	67326	3	13.56	713845	25.0