

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112020\
 Data File : VW017431.D
 Acq On : 20 Nov 2020 21:27
 Operator : SY/VA
 Sample : L4819-04
 Misc : 5.30G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AZ4

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\SOM2WLM111820S.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	2.148	37	40	43	rBV2	1151	1767	0.05%	0.011%
2	2.355	67	74	84	rVB	82940	155201	4.31%	1.010%
3	2.885	154	161	175	rBV	59202	149229	4.15%	0.971%
4	3.282	224	226	228	rBV2	243	227	0.01%	0.001%
5	3.385	237	243	247	rBV4	960	1464	0.04%	0.010%
6	3.440	251	252	255	rBV2	295	202	0.01%	0.001%
7	3.471	255	257	260	rBV2	258	240	0.01%	0.002%
8	3.495	260	261	263	rBV2	245	211	0.01%	0.001%
9	3.532	265	267	268	rBV2	440	372	0.01%	0.002%
10	3.788	306	309	310	rBV	271	212	0.01%	0.001%
11	4.019	336	347	366	rBV2	125544	386647	10.75%	2.516%
12	4.202	372	377	386	rVB3	3161	8108	0.23%	0.053%
13	4.269	386	388	389	rVB2	262	154	0.00%	0.001%
14	4.288	389	391	392	rBV2	165	178	0.00%	0.001%
15	4.324	395	397	400	rBV2	143	139	0.00%	0.001%
16	4.397	400	409	410	rBV3	1911	3770	0.10%	0.025%
17	4.592	439	441	442	rBV2	204	189	0.01%	0.001%
18	4.915	484	494	507	rBV3	9344	33519	0.93%	0.218%
19	5.086	521	522	523	rBV	334	197	0.01%	0.001%
20	5.434	576	579	580	rBV2	229	189	0.01%	0.001%
21	5.598	603	606	610	rBV2	199	316	0.01%	0.002%
22	5.641	610	613	615	rBV2	110	157	0.00%	0.001%
23	5.757	630	632	633	rBV2	323	241	0.01%	0.002%
24	5.854	645	648	650	rBV	173	214	0.01%	0.001%
25	5.946	655	663	672	rVB5	2269	6356	0.18%	0.041%
26	6.177	700	701	706	rVB	287	286	0.01%	0.002%
27	6.214	706	707	709	rBV2	141	145	0.00%	0.001%
28	6.293	719	720	725	rVB2	223	238	0.01%	0.002%
29	6.434	742	743	747	rVB	155	143	0.00%	0.001%
30	6.470	747	749	750	rBV	218	177	0.00%	0.001%
31	6.598	767	770	772	rBV2	274	289	0.01%	0.002%
32	6.616	772	773	776	rVV	230	175	0.00%	0.001%
33	6.677	780	783	784	rBV	164	163	0.00%	0.001%
34	6.970	829	831	833	rBV	188	227	0.01%	0.001%

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 Title : VOC Analysis

35	7.080	840	849	852	rBV2	18398	45103	1.25%	0.293%
36	7.324	887	889	893	rVB2	293	239	0.01%	0.002%
37	7.433	906	907	911	rVB2	267	292	0.01%	0.002%
38	7.464	911	912	914	rBV	403	277	0.01%	0.002%
39	7.647	932	942	955	rBV	179715	440462	12.24%	2.866%
40	7.824	970	971	973	rBV	136	143	0.00%	0.001%
41	7.897	981	983	984	rBV	180	163	0.00%	0.001%
42	7.952	987	992	996	rVB3	682	1305	0.04%	0.008%
43	8.275	1032	1045	1062	rBV2	355743	1056560	29.37%	6.874%
44	8.476	1077	1078	1081	rBV	187	211	0.01%	0.001%
45	8.695	1110	1114	1118	rVV4	368	684	0.02%	0.004%
46	8.842	1130	1138	1150	rBV	364414	732723	20.37%	4.767%
47	9.037	1168	1170	1173	rVB	270	248	0.01%	0.002%
48	9.079	1173	1177	1182	rVB5	872	1788	0.05%	0.012%
49	9.274	1201	1209	1218	rBV	218201	448899	12.48%	2.921%
50	9.439	1232	1236	1239	rBV2	334	527	0.01%	0.003%
51	9.537	1250	1252	1256	rBV2	94	137	0.00%	0.001%
52	9.591	1256	1261	1265	rVB2	160	324	0.01%	0.002%
53	9.665	1265	1273	1276	rBV5	612	1302	0.04%	0.008%
54	9.756	1285	1288	1292	rVB3	512	891	0.02%	0.006%
55	9.793	1292	1294	1295	rBV2	165	146	0.00%	0.001%
56	9.890	1305	1310	1316	rVB4	1137	2317	0.06%	0.015%
57	9.969	1319	1323	1324	rBV2	291	334	0.01%	0.002%
58	10.037	1324	1334	1344	rVB2	96229	175884	4.89%	1.144%
59	10.213	1357	1363	1368	rBV3	2198	4742	0.13%	0.031%
60	10.323	1373	1381	1391	rBV	463718	826389	22.97%	5.376%
61	10.579	1414	1423	1436	rBV	62934	111440	3.10%	0.725%
62	10.707	1437	1444	1453	rVB	50348	94059	2.61%	0.612%
63	10.768	1453	1454	1457	rBV2	354	394	0.01%	0.003%
64	10.841	1464	1466	1473	rVB3	991	1672	0.05%	0.011%
65	10.927	1473	1480	1494	rBV	69253	137456	3.82%	0.894%
66	11.067	1497	1503	1511	rVB	23786	40436	1.12%	0.263%
67	11.170	1517	1520	1525	rVB5	1102	1897	0.05%	0.012%
68	11.213	1525	1527	1529	rVB2	233	175	0.00%	0.001%
69	11.439	1553	1564	1571	rVB	30821	50265	1.40%	0.327%
70	11.548	1580	1582	1584	rVB2	253	166	0.00%	0.001%
71	11.634	1588	1596	1608	rBV	440113	763531	21.23%	4.968%

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72	11.896	1637	1639	1641	rBV	336	250	0.01%	0.002%
73	12.170	1681	1684	1688	rBV2	686	956	0.03%	0.006%
74	12.274	1698	1701	1705	rBV3	271	461	0.01%	0.003%
75	12.329	1705	1710	1720	rVV3	10636	18064	0.50%	0.118%
76	12.469	1725	1733	1743	rBV	1966587	3275580	91.06%	21.311%
77	12.609	1749	1756	1763	rBV	115110	184270	5.12%	1.199%
78	12.695	1763	1770	1787	rVB	163400	325673	9.05%	2.119%
79	12.829	1791	1792	1794	rBV	173	137	0.00%	0.001%
80	12.853	1794	1796	1800	rBV2	310	426	0.01%	0.003%
81	12.957	1804	1813	1818	rBV4	84575	203717	5.66%	1.325%
82	13.030	1818	1825	1832	rVB	465844	771536	21.45%	5.020%
83	13.255	1856	1862	1865	rBV4	7637	15241	0.42%	0.099%
84	13.298	1865	1869	1875	rVB	16532	25397	0.71%	0.165%
85	13.365	1875	1880	1884	rBV4	7062	10733	0.30%	0.070%
86	13.469	1890	1897	1905	rBV	2438713	3597198	100.00%	23.403%
87	13.560	1906	1912	1924	rVB	376261	625908	17.40%	4.072%
88	13.713	1931	1937	1942	rBV	15714	25839	0.72%	0.168%
89	13.853	1953	1960	1967	rBV	294559	476719	13.25%	3.102%
90	13.999	1980	1984	1989	rVB3	9197	13869	0.39%	0.090%
91	14.072	1990	1996	2002	rVB2	36068	59058	1.64%	0.384%
92	14.200	2012	2017	2021	rVB2	1542	2498	0.07%	0.016%
93	14.304	2029	2034	2037	rBV3	1981	3486	0.10%	0.023%
94	14.493	2063	2065	2067	rBV2	802	790	0.02%	0.005%
95	14.731	2100	2104	2110	rVB3	3452	5055	0.14%	0.033%
96	14.780	2110	2112	2113	rBV2	496	362	0.01%	0.002%
97	14.865	2124	2126	2127	rBV	424	411	0.01%	0.003%
98	15.249	2187	2189	2192	rVB4	1699	1732	0.05%	0.011%
99	15.438	2215	2220	2225	rVB	18441	28882	0.80%	0.188%
100	15.950	2303	2304	2309	rBV4	939	1296	0.04%	0.008%

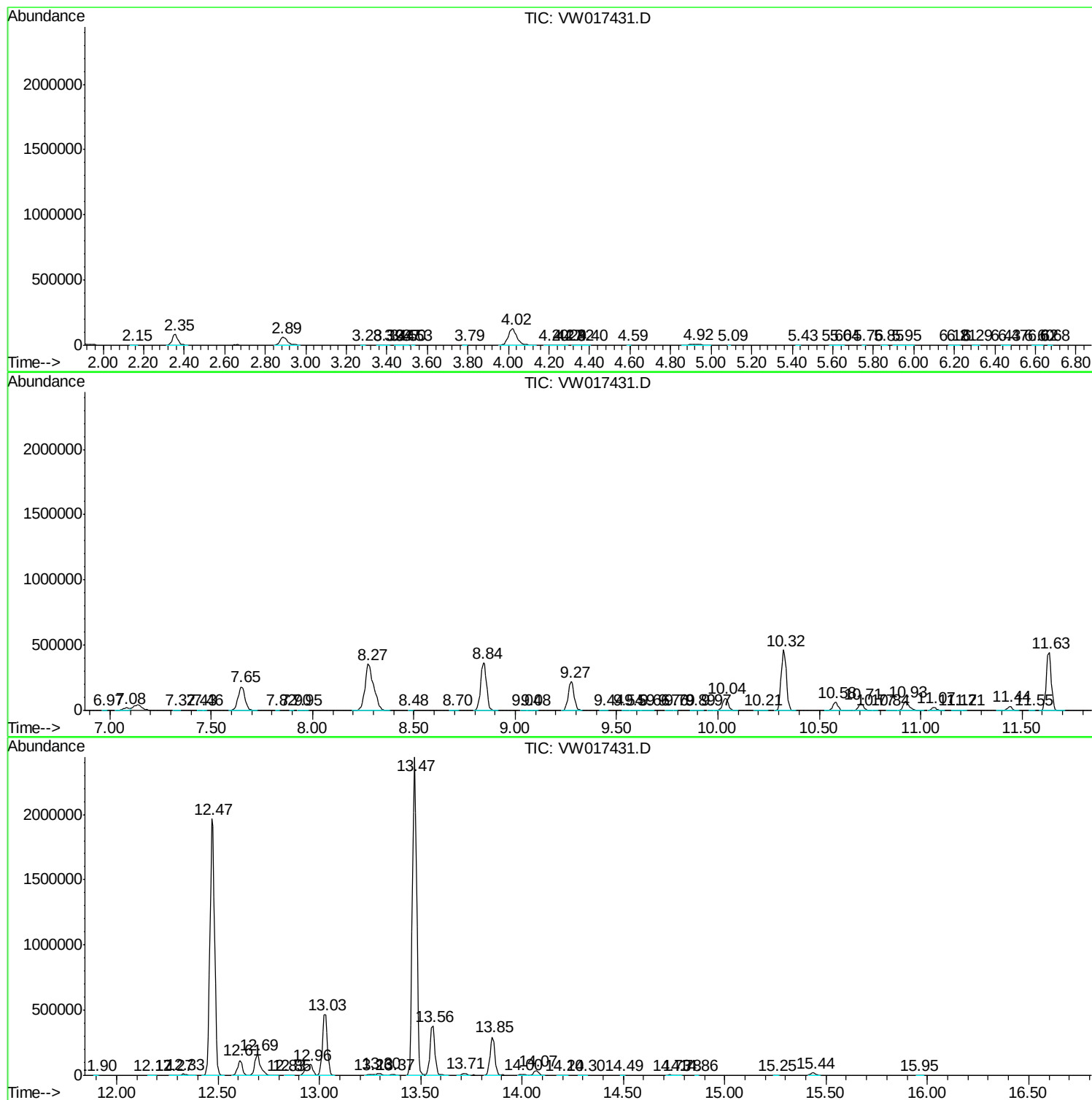
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis

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



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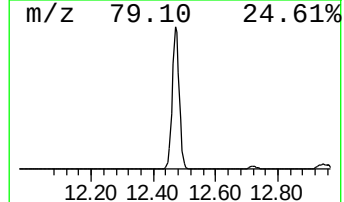
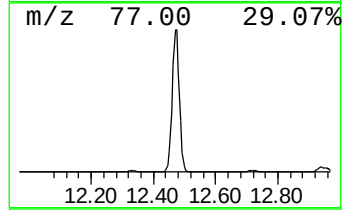
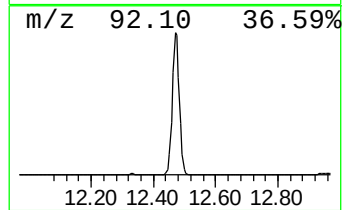
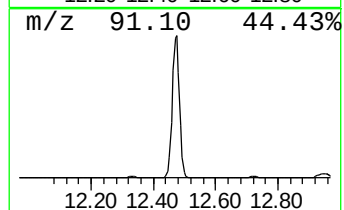
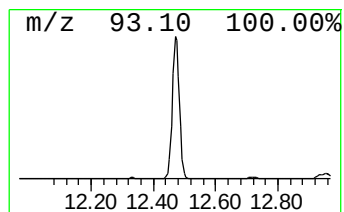
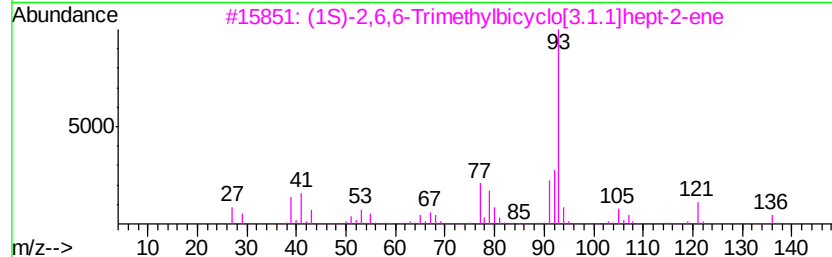
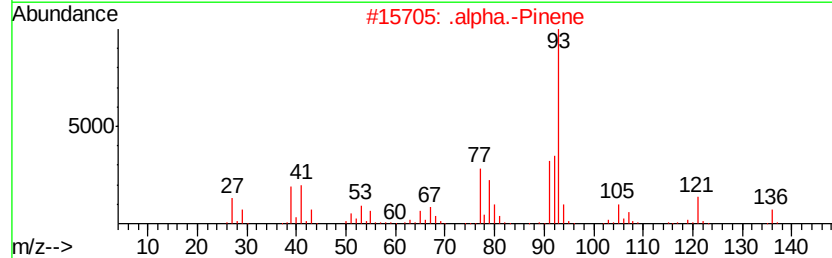
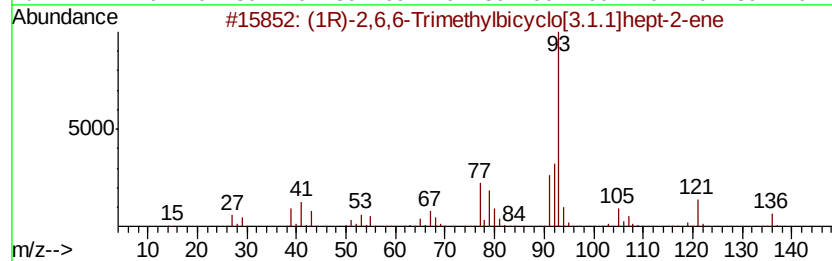
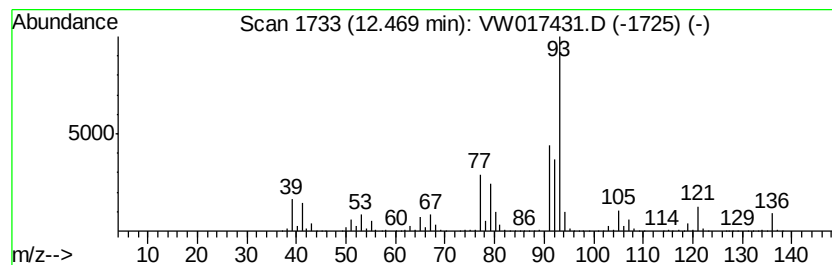
Instrument :
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ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis

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

Peak Number 5 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.47	107.25 ug/L	3275580	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(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	96
3	(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	95
4	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	95
5	.alpha.-Pinene	136	C10H16	000080-56-8	94



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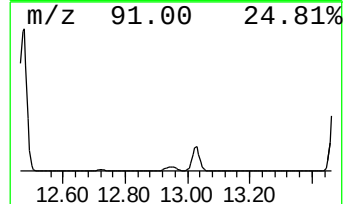
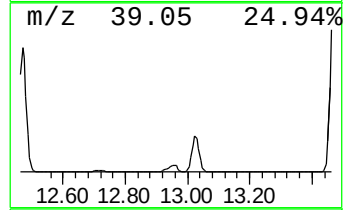
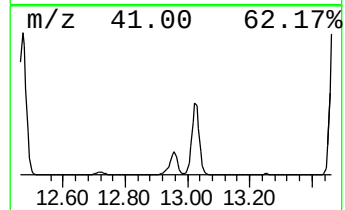
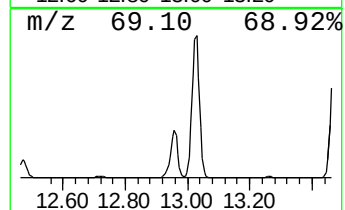
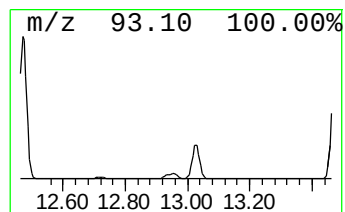
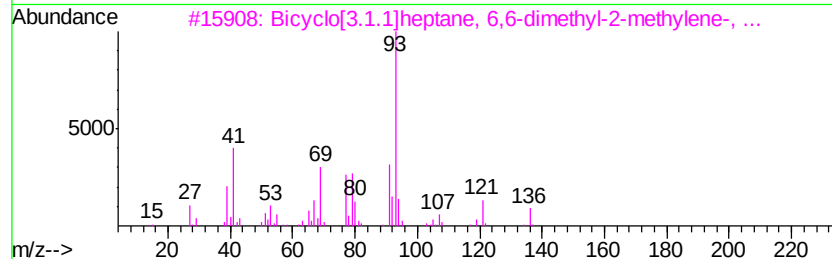
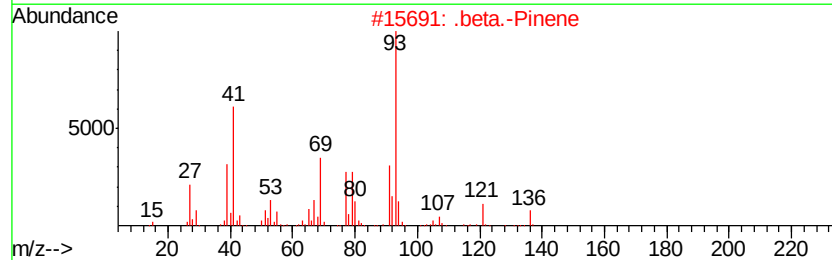
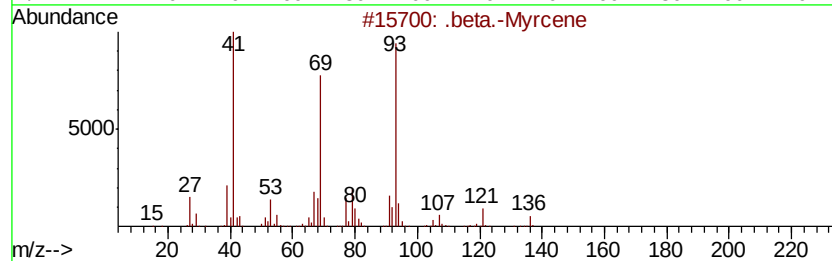
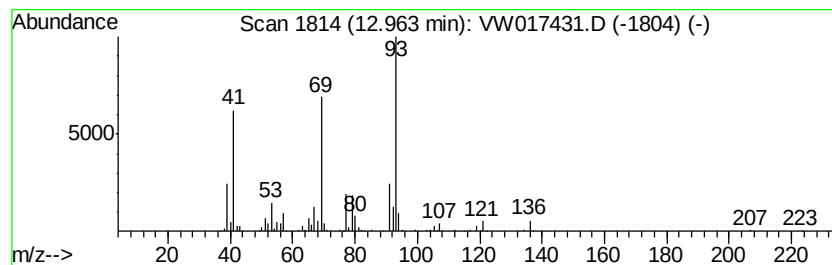
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Quant Title : VOC Analysis

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

Peak Number 7 .beta.-Myrcene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	8.14 ug/L	203717	1,4-Dichlorobenzene-d4	13.56
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 86
3		Bicyclo[3.1.1]heptane, 6,6-dimet...	136 C10H16	018172-67-3 80
4		Bicyclo[3.1.0]hexane, 4-methylen...	136 C10H16	003387-41-5 72
5		(1R)-2,6,6-Trimethylbicyclo[3.1....	136 C10H16	007785-70-8 59



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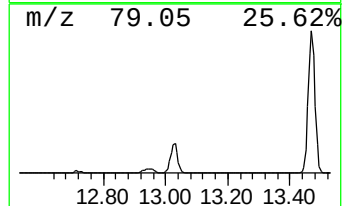
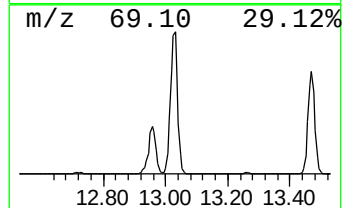
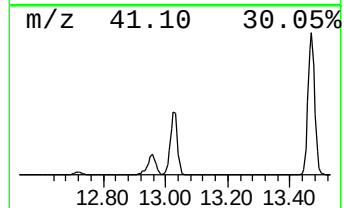
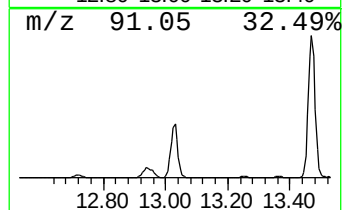
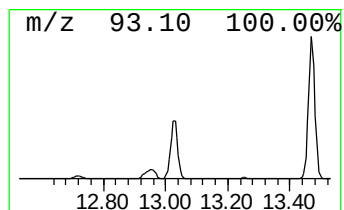
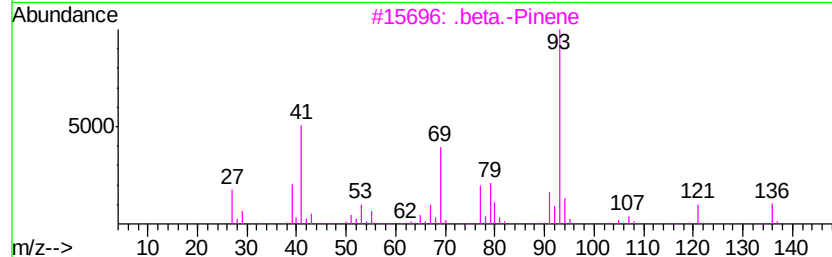
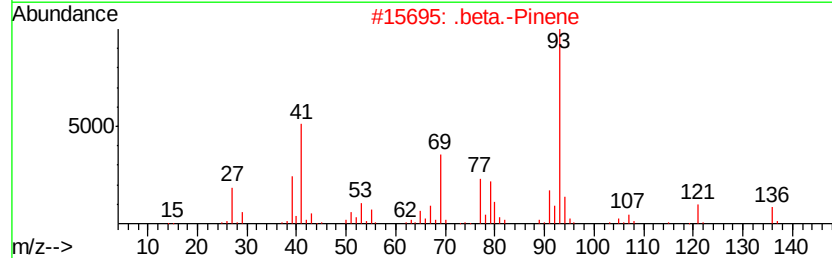
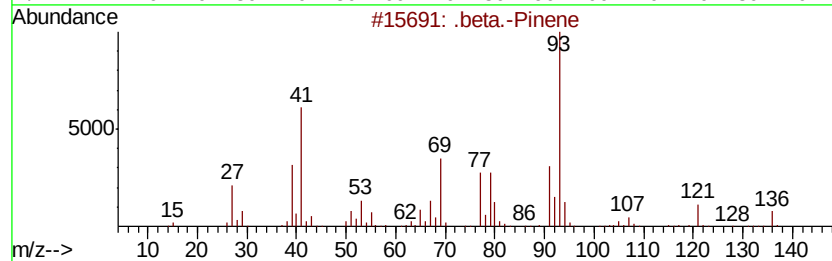
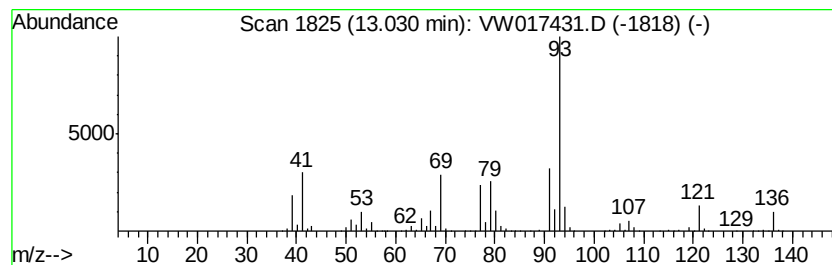
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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

Peak Number 8 .beta.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	30.82 ug/L	771536	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-Pinene	136 C10H16	000127-91-3 96
2		.beta.-Pinene	136 C10H16	000127-91-3 95
3		.beta.-Pinene	136 C10H16	000127-91-3 94
4		.alpha.-Pinene	136 C10H16	000080-56-8 93
5		Cyclohexene, 4-methylene-1-(1-me...	136 C10H16	000099-84-3 91



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Data File : VW017431.D
Acq On : 20 Nov 2020 21:27
Operator : SY/VA
Sample : L4819-04
Misc : 5.30G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AZ4

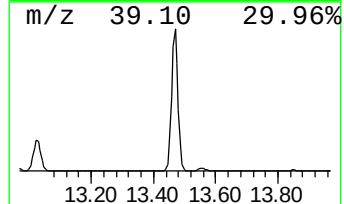
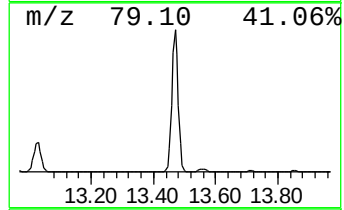
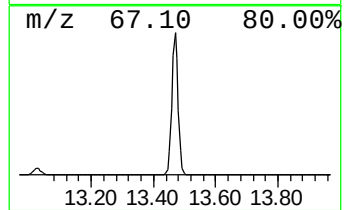
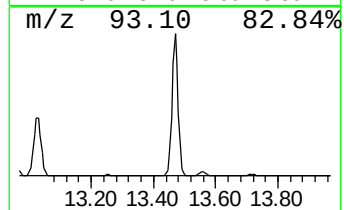
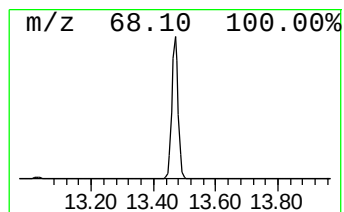
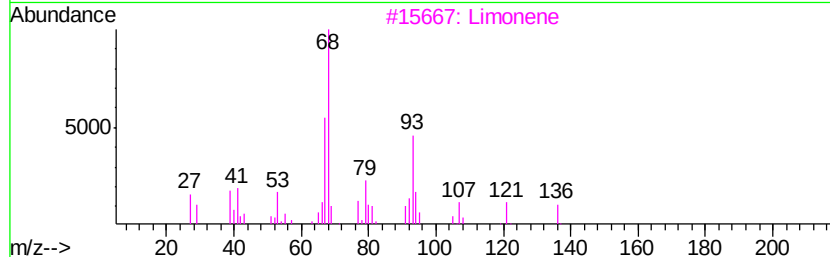
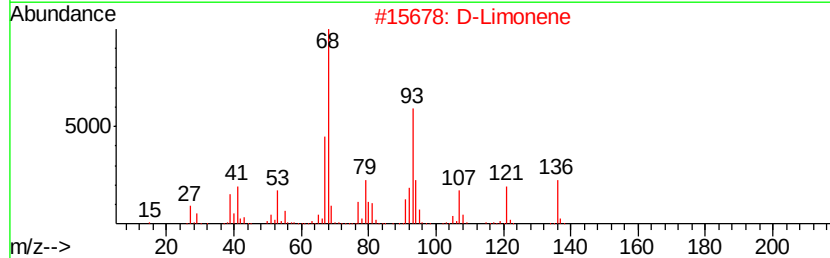
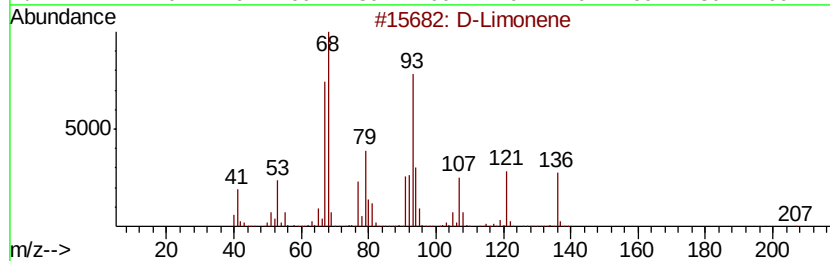
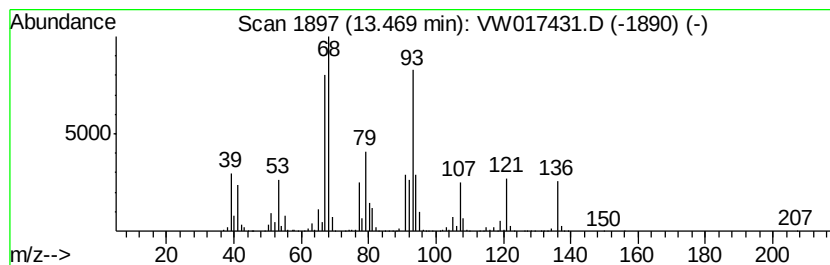
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Quant Title : VOC Analysis

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

Peak Number 9 D-Limonene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	143.68 ug/L	3597200	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Limonene	136	C10H16	005989-27-5	99
2		D-Limonene	136	C10H16	005989-27-5	94
3		Limonene	136	C10H16	000138-86-3	91
4		Limonene	136	C10H16	000138-86-3	91
5		D-Limonene	136	C10H16	005989-27-5	89



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112020\
Data File : VW017431.D
Acq On : 20 Nov 2020 21:27
Operator : SY/VA
Sample : L4819-04
Misc : 5.30G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AZ4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.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	107.3	ug/L	3275580	2	11.63	763531	25.0
.beta.-Myrcene	12.96	8.1	ug/L	203717	3	13.56	625908	25.0
.beta.-Pinene	13.03	30.8	ug/L	771536	3	13.56	625908	25.0
D-Limonene	13.47	143.7	ug/L	3597200	3	13.56	625908	25.0