

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111820\
 Data File : VW017345.D
 Acq On : 18 Nov 2020 22:12
 Operator : SY/VA
 Sample : L4749-13
 Misc : 5.37G/10ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0B12

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	2.355	68	74	85	rVB	116471	213051	10.71%	1.541%
2	2.892	155	162	177	rVB	80110	186981	9.40%	1.352%
3	3.270	221	224	226	rVB2	375	323	0.02%	0.002%
4	3.733	296	300	302	rBV	372	509	0.03%	0.004%
5	4.019	336	347	364	rBV	165463	475887	23.93%	3.441%
6	4.208	371	378	387	rVB4	4267	13174	0.66%	0.095%
7	4.336	397	399	401	rVB2	192	138	0.01%	0.001%
8	4.391	401	408	409	rBV2	1043	1502	0.08%	0.011%
9	4.580	436	439	440	rBV2	180	192	0.01%	0.001%
10	4.617	443	445	448	rBV	152	177	0.01%	0.001%
11	4.660	450	452	453	rBV	151	132	0.01%	0.001%
12	4.922	483	495	511	rBV2	19007	63886	3.21%	0.462%
13	5.098	522	524	525	rBV	197	166	0.01%	0.001%
14	5.379	568	570	572	rVV	138	130	0.01%	0.001%
15	5.544	595	597	599	rVB2	288	272	0.01%	0.002%
16	5.574	601	602	604	rBV	217	144	0.01%	0.001%
17	5.793	636	638	641	rBV	243	219	0.01%	0.002%
18	5.946	654	663	672	rVV5	3860	10777	0.54%	0.078%
19	6.007	672	673	676	rVB	196	137	0.01%	0.001%
20	6.050	676	680	682	rBV2	166	147	0.01%	0.001%
21	6.074	682	684	689	rBV2	139	199	0.01%	0.001%
22	6.165	696	699	703	rBV2	243	355	0.02%	0.003%
23	6.293	718	720	723	rBV2	167	218	0.01%	0.002%
24	6.336	723	727	730	rVB2	335	592	0.03%	0.004%
25	6.367	730	732	734	rBV	245	211	0.01%	0.002%
26	6.763	794	797	798	rBV	144	136	0.01%	0.001%
27	6.793	800	802	807	rVV2	169	152	0.01%	0.001%
28	6.988	832	834	836	rVB2	281	158	0.01%	0.001%
29	7.086	841	850	853	rBV	17365	44527	2.24%	0.322%
30	7.653	932	943	957	rVV	200110	501479	25.22%	3.626%
31	7.799	965	967	970	rVB	215	186	0.01%	0.001%
32	7.897	981	983	984	rBV	191	138	0.01%	0.001%
33	7.946	989	991	993	rBV2	307	350	0.02%	0.003%
34	8.281	1033	1046	1064	rBV2	396461	1163909	58.54%	8.416%

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 Title : VOC Analysis

35	8.458	1073	1075	1077	rVB2	491	387	0.02%	0.003%
36	8.494	1077	1081	1082	rVB2	229	311	0.02%	0.002%
37	8.513	1082	1084	1086	rBV2	405	483	0.02%	0.003%
38	8.616	1099	1101	1102	rBV	278	234	0.01%	0.002%
39	8.695	1111	1114	1122	rVB4	388	812	0.04%	0.006%
40	8.842	1128	1138	1150	rBV	391759	776352	39.04%	5.614%
41	9.086	1172	1178	1184	rVB4	750	1438	0.07%	0.010%
42	9.275	1197	1209	1219	rBV	249216	504524	25.37%	3.648%
43	9.482	1241	1243	1246	rVB	233	247	0.01%	0.002%
44	9.628	1265	1267	1268	rBV	144	143	0.01%	0.001%
45	9.659	1268	1272	1275	rBV2	247	353	0.02%	0.003%
46	9.817	1295	1298	1299	rBV3	244	260	0.01%	0.002%
47	9.884	1307	1309	1311	rVB2	282	203	0.01%	0.001%
48	9.982	1324	1325	1327	rBV	188	161	0.01%	0.001%
49	10.037	1327	1334	1345	rVV	107139	193745	9.74%	1.401%
50	10.207	1359	1362	1363	rBV	901	887	0.04%	0.006%
51	10.323	1373	1381	1391	rBV	537356	954280	47.99%	6.900%
52	10.579	1416	1423	1433	rBV	66210	112662	5.67%	0.815%
53	10.707	1437	1444	1451	rBV	34865	60456	3.04%	0.437%
54	10.847	1463	1467	1469	rBV3	456	745	0.04%	0.005%
55	10.927	1473	1480	1492	rBV	70338	125696	6.32%	0.909%
56	11.030	1492	1497	1498	rBV	12550	16516	0.83%	0.119%
57	11.110	1508	1510	1512	rVB2	633	365	0.02%	0.003%
58	11.158	1517	1518	1519	rBV	565	365	0.02%	0.003%
59	11.213	1524	1527	1529	rBV3	276	318	0.02%	0.002%
60	11.353	1548	1550	1551	rBV2	292	241	0.01%	0.002%
61	11.439	1559	1564	1570	rVB	13379	22423	1.13%	0.162%
62	11.506	1573	1575	1576	rBV	173	154	0.01%	0.001%
63	11.524	1576	1578	1583	rBV5	584	959	0.05%	0.007%
64	11.634	1588	1596	1608	rVV	456938	765693	38.51%	5.537%
65	11.731	1608	1612	1619	rVB	3137	5428	0.27%	0.039%
66	11.786	1619	1621	1622	rBV	244	138	0.01%	0.001%
67	11.829	1622	1628	1637	rBV4	5999	13238	0.67%	0.096%
68	11.963	1648	1650	1652	rVV	369	323	0.02%	0.002%
69	12.006	1654	1657	1660	rVV3	317	452	0.02%	0.003%
70	12.030	1660	1661	1664	rVV2	338	324	0.02%	0.002%
71	12.164	1677	1683	1684	rBV4	2022	2610	0.13%	0.019%

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72	12.250	1692	1697	1700	rVB3	525	686	0.03%	0.005%
73	12.286	1700	1703	1704	rBV	387	304	0.02%	0.002%
74	12.335	1704	1711	1721	rVB	71558	115201	5.79%	0.833%
75	12.469	1727	1733	1740	rBV	41514	70190	3.53%	0.508%
76	12.609	1749	1756	1762	rBV	40459	67836	3.41%	0.491%
77	12.695	1762	1770	1777	rBV	141797	239596	12.05%	1.732%
78	12.847	1793	1795	1798	rVB3	231	239	0.01%	0.002%
79	12.871	1798	1799	1803	rBV2	187	222	0.01%	0.002%
80	12.939	1803	1810	1819	rBV3	91276	224238	11.28%	1.621%
81	13.030	1819	1825	1831	rVB	110987	188096	9.46%	1.360%
82	13.213	1849	1855	1859	rBV2	24958	44530	2.24%	0.322%
83	13.371	1874	1881	1892	rBV2	243266	541966	27.26%	3.919%
84	13.499	1893	1902	1907	rVV	1269768	1988365	100.00%	14.377%
85	13.560	1907	1912	1916	rVV	368139	587964	29.57%	4.251%
86	13.621	1916	1922	1931	rVV	1156647	1857845	93.44%	13.434%
87	13.713	1931	1937	1950	rVV	733432	1137620	57.21%	8.226%
88	13.853	1953	1960	1974	rVB	266760	446444	22.45%	3.228%
89	13.999	1979	1984	1990	rVV2	17904	28535	1.44%	0.206%
90	14.073	1991	1996	2004	rVB	12372	21405	1.08%	0.155%
91	14.152	2004	2009	2014	rBV5	3697	5835	0.29%	0.042%
92	14.201	2014	2017	2019	rVB2	580	593	0.03%	0.004%
93	14.268	2024	2028	2032	rVB3	1277	1762	0.09%	0.013%
94	14.597	2077	2082	2083	rBV2	390	360	0.02%	0.003%
95	14.731	2100	2104	2107	rVB4	921	1454	0.07%	0.011%
96	15.017	2150	2151	2154	rBV2	492	536	0.03%	0.004%
97	15.066	2157	2159	2160	rBV2	458	366	0.02%	0.003%
98	15.347	2203	2205	2206	rBV	427	323	0.02%	0.002%
99	15.365	2206	2208	2211	rVV2	685	721	0.04%	0.005%
100	15.426	2213	2218	2224	rVB3	6465	12058	0.61%	0.087%

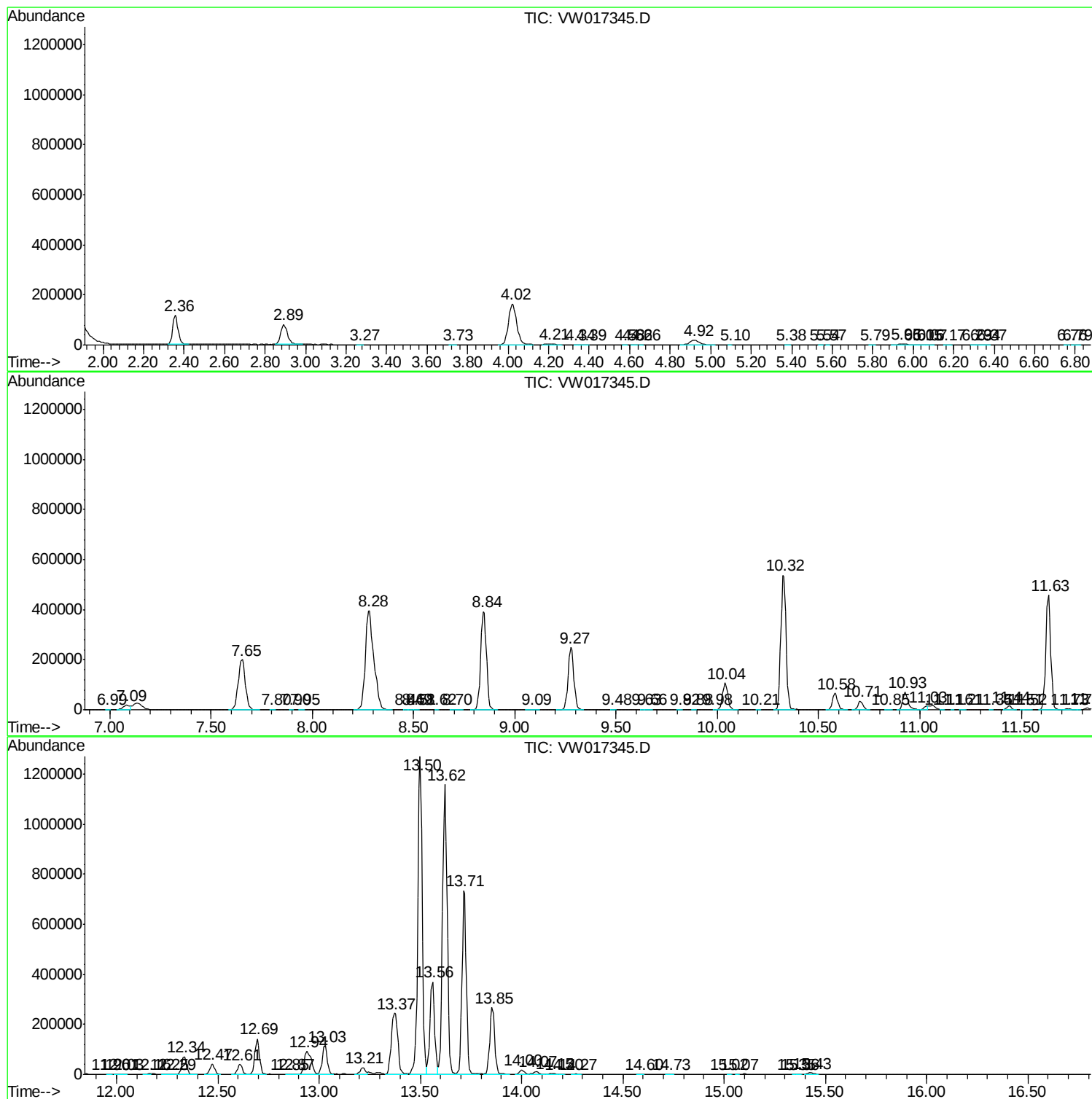
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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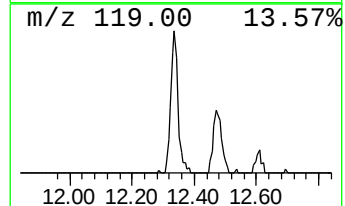
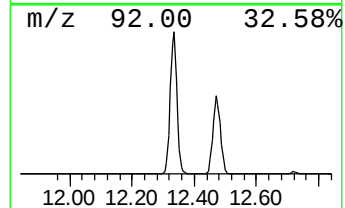
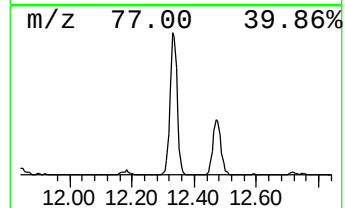
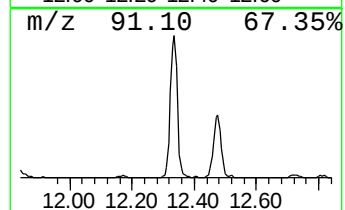
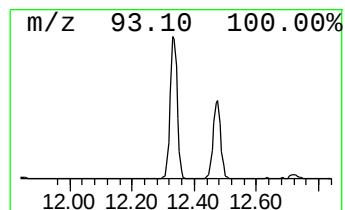
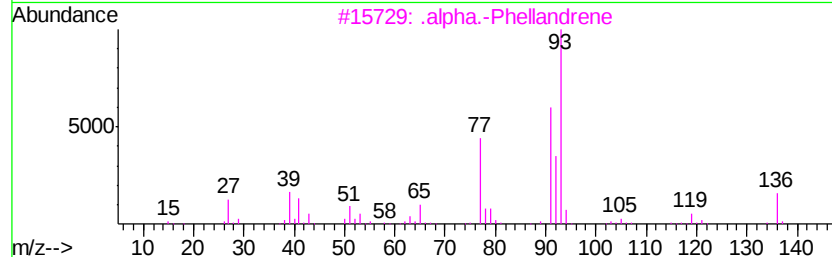
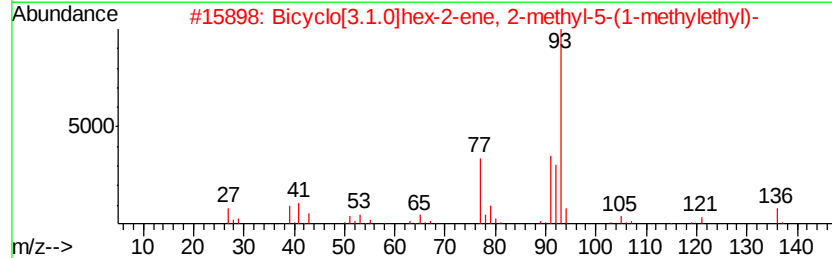
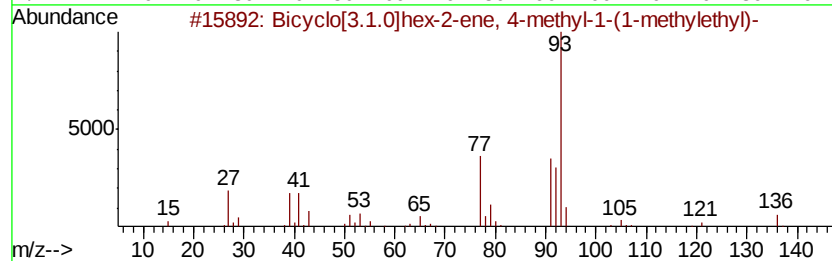
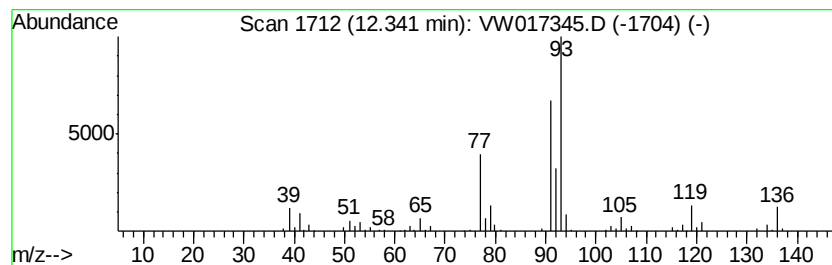
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis

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

Peak Number 3 Bicyclo[3.1.0]hex-2-ene, 4-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.34	3.76 ug/L	115201	Chlorobenzene-d5	11.63		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bicyclo[3.1.0]hex-2-ene, 4-methy...	136	C10H16	028634-89-1	93
2		Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	90
3		.alpha.-Phellandrene	136	C10H16	000099-83-2	87
4		Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	87
5		.gamma.-Terpinene	136	C10H16	000099-85-4	59



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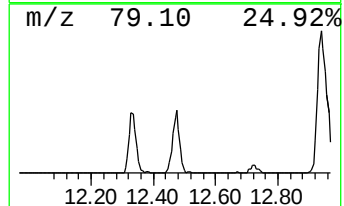
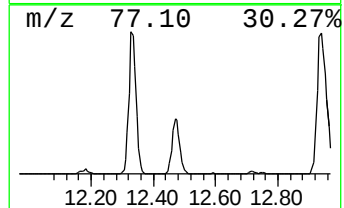
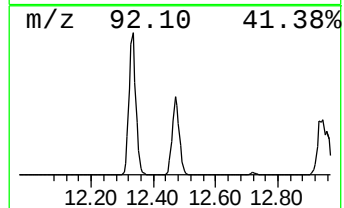
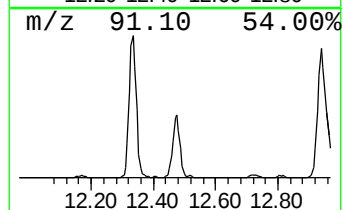
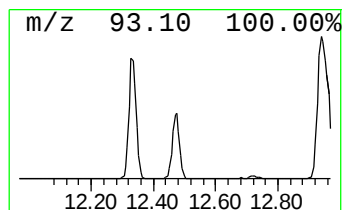
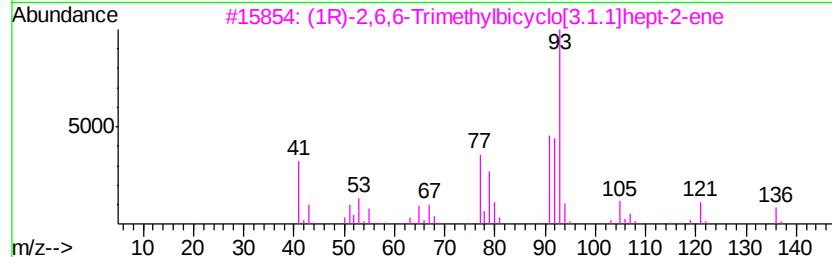
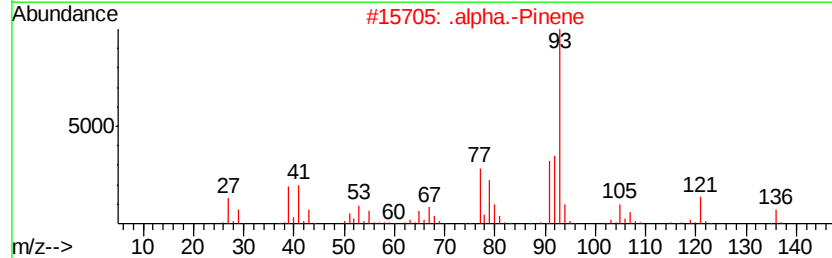
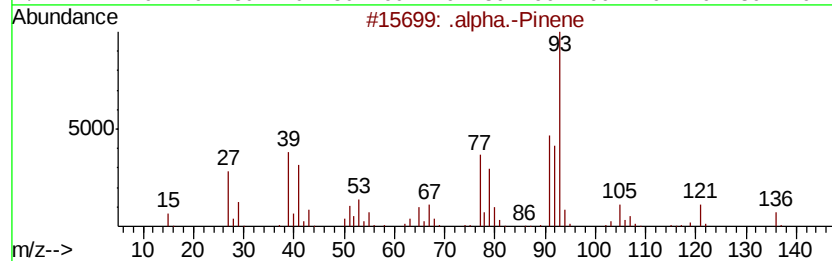
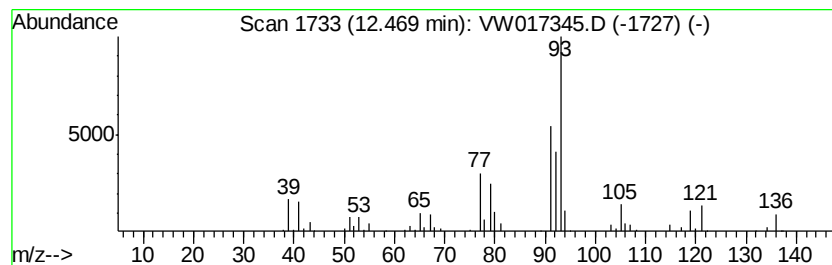
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis

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

Peak Number 4 .alpha.-Pinene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	2.29 ug/L	70190	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.alpha.-Pinene	136	C10H16	000080-56-8	94
2		.alpha.-Pinene	136	C10H16	000080-56-8	93
3		(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	93
4		(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	91
5		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	91



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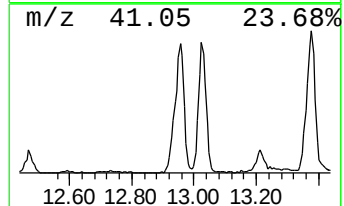
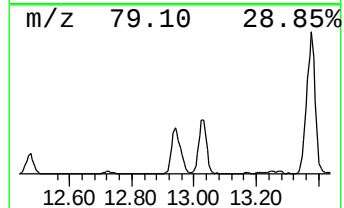
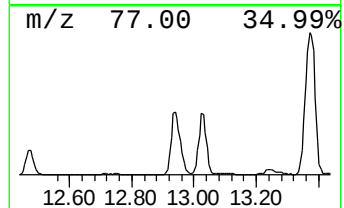
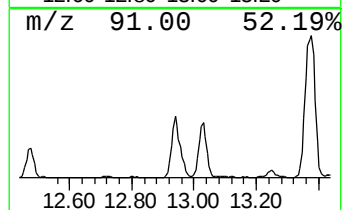
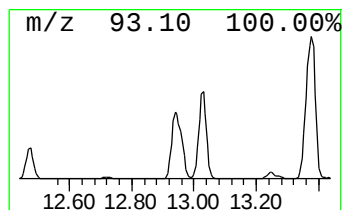
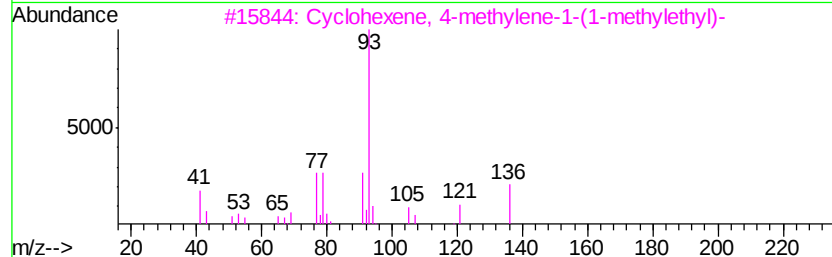
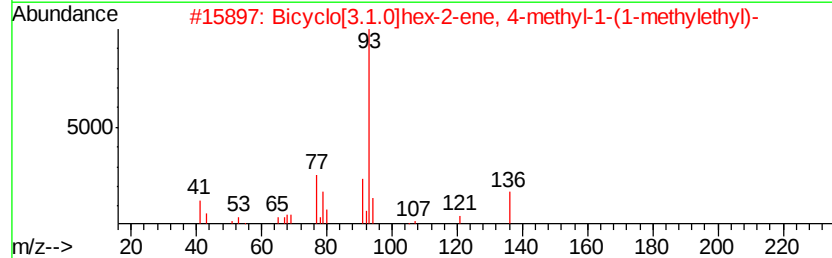
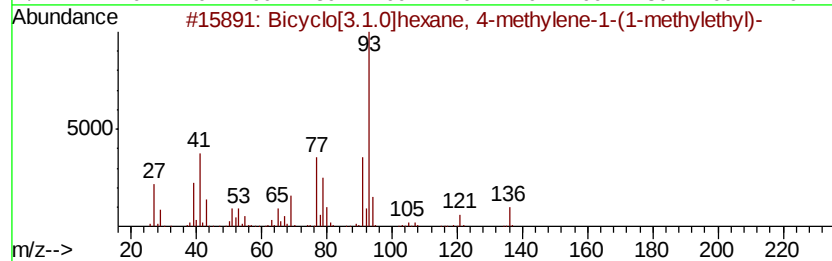
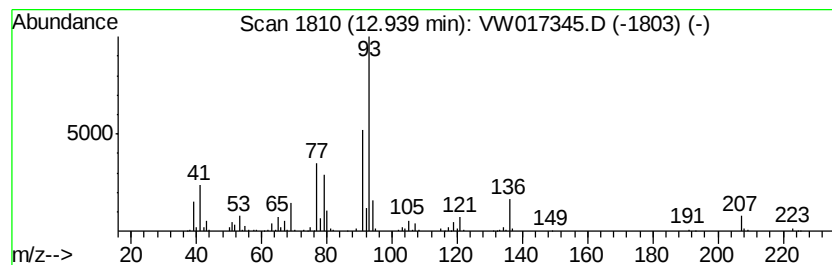
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Bicyclo[3.1.0]hexane, 4-met... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	9.53 ug/L	224238	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	91
2		Bicyclo[3.1.0]hex-2-ene, 4-methy...	136	C10H16	028634-89-1	91
3		Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
4		Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	91
5		.beta.-Phellandrene	136	C10H16	000555-10-2	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111820\
Data File : VW017345.D
Acq On : 18 Nov 2020 22:12
Operator : SY/VA
Sample : L4749-13
Misc : 5.37G/10ML/MSVOA W/SOIL
ALS Vial : 29 Sample Multiplier: 1

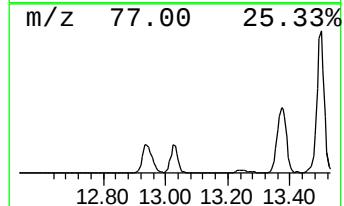
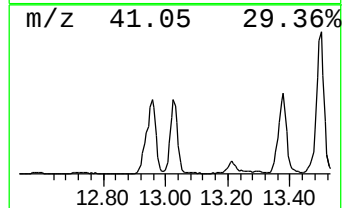
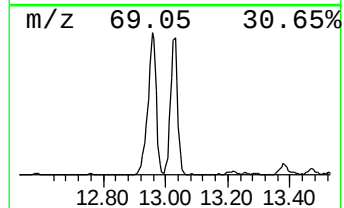
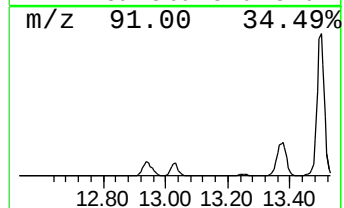
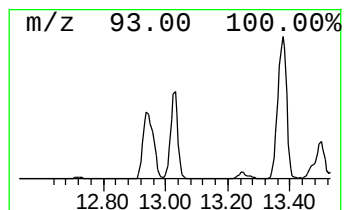
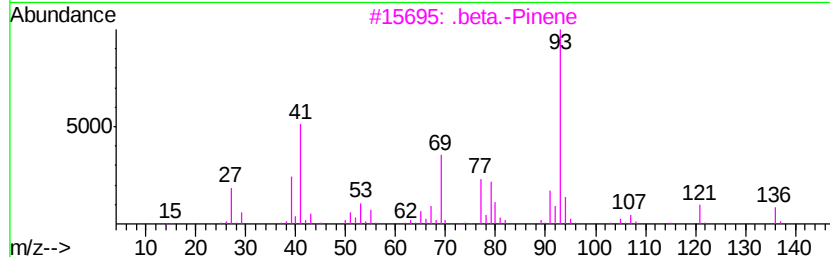
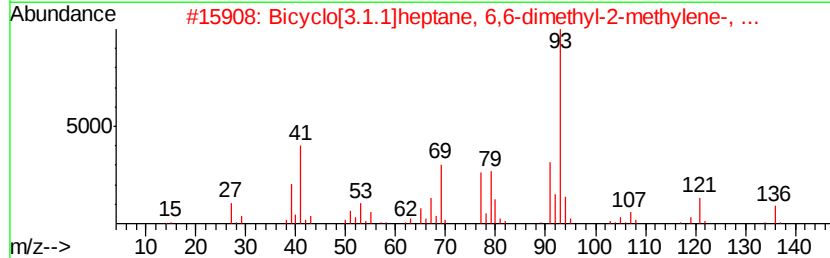
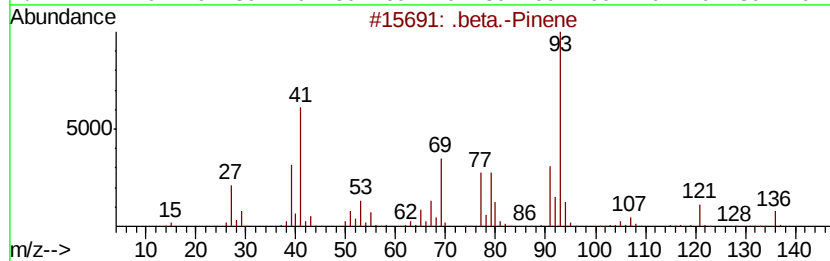
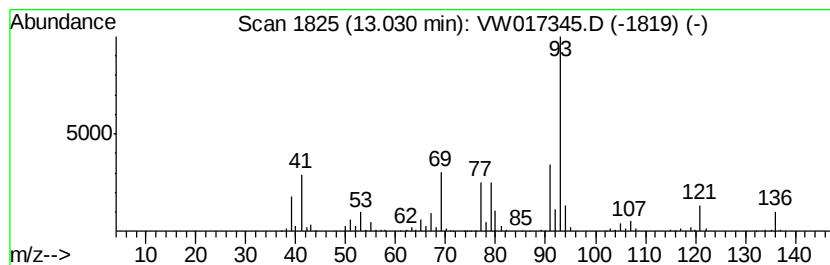
Instrument :
MSVOA_W
ClientSampleId :
C0B12

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

Peak Number 7 .beta.-Pinene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	8.00 ug/L	188096	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-Pinene	136 C10H16	000127-91-3 97
2		Bicyclo[3.1.1]heptane, 6,6-dimet...	136 C10H16	018172-67-3 96
3		.beta.-Pinene	136 C10H16	000127-91-3 95
4		.beta.-Pinene	136 C10H16	000127-91-3 94
5		.alpha.-Pinene	136 C10H16	000080-56-8 93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111820\
 Data File : VW017345.D
 Acq On : 18 Nov 2020 22:12
 Operator : SY/VA
 Sample : L4749-13
 Misc : 5.37G/10ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

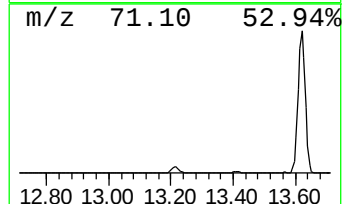
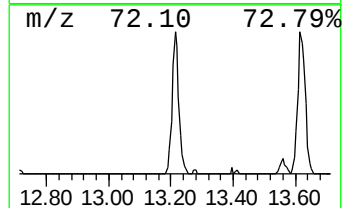
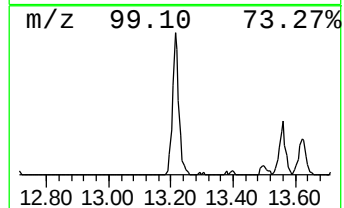
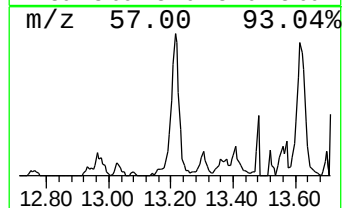
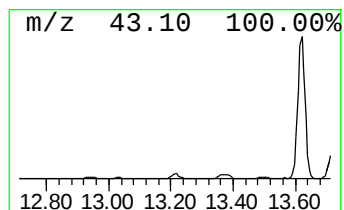
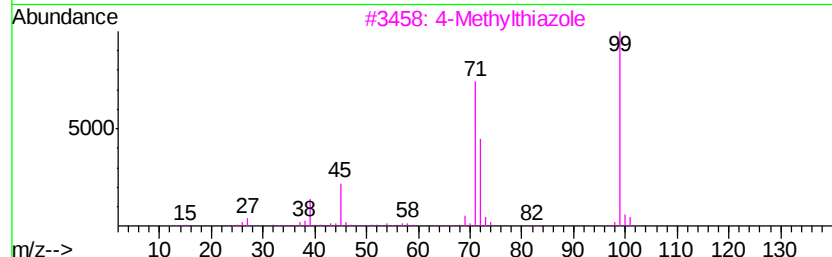
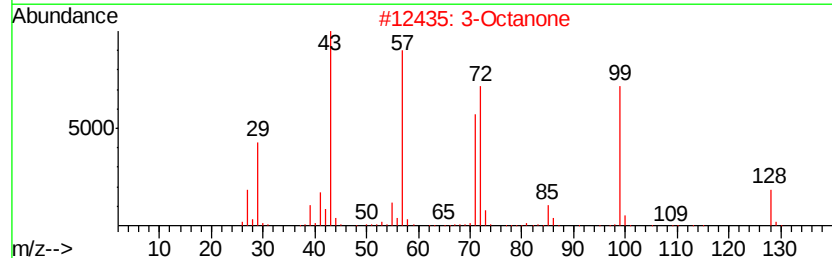
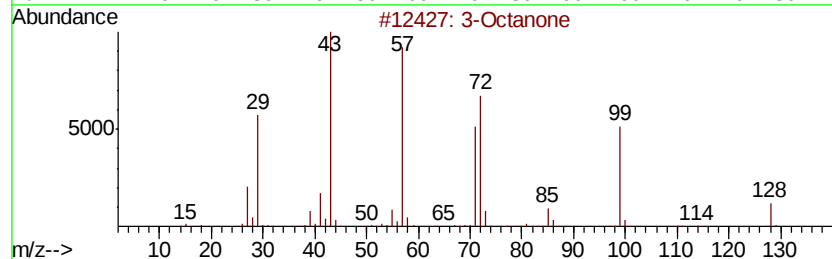
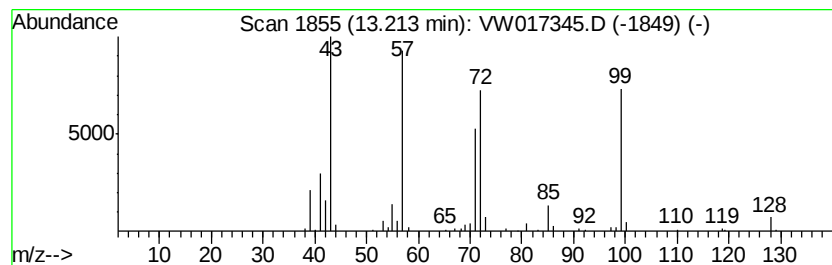
Instrument :
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 ClientSampleId :
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 Quant Title : VOC Analysis

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

 Peak Number 8 3-Octanone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.21	1.89 ug/L	44530	1,4-Dichlorobenzene-d4		13.56	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanone		128	C8H16O	000106-68-3	83
2	3-Octanone		128	C8H16O	000106-68-3	58
3	4-Methylthiazole		99	C4H5NS	000693-95-8	50
4	n-Caproic acid vinyl ester		142	C8H14O2	003050-69-9	50
5	3-Octanone		128	C8H16O	000106-68-3	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111820\
Data File : VW017345.D
Acq On : 18 Nov 2020 22:12
Operator : SY/VA
Sample : L4749-13
Misc : 5.37G/10ML/MSVOA W/SOIL
ALS Vial : 29 Sample Multiplier: 1

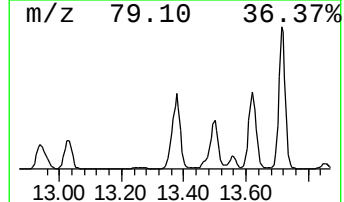
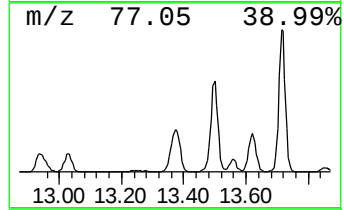
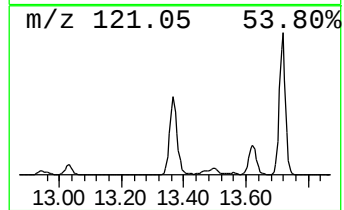
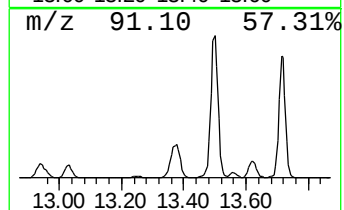
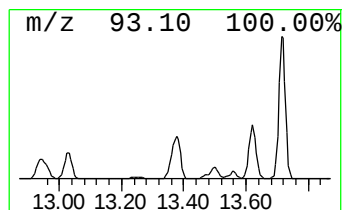
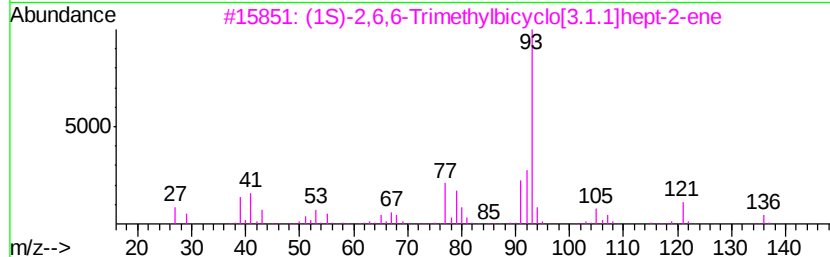
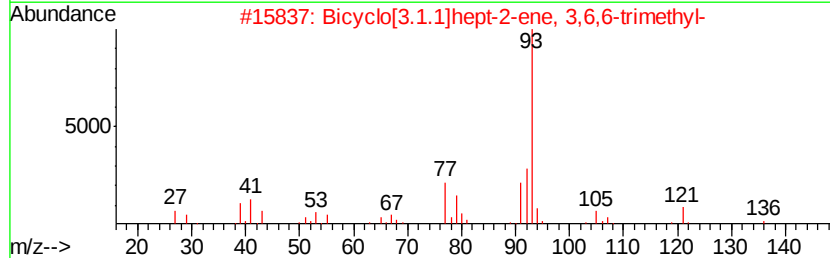
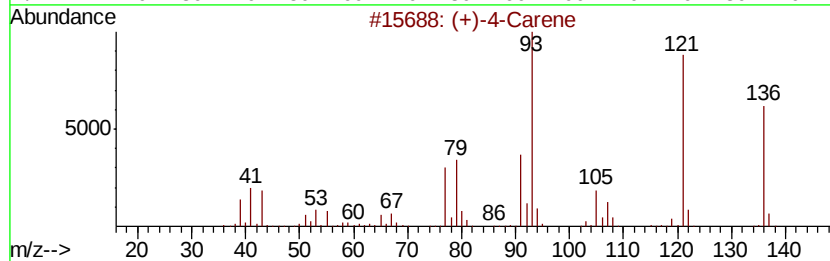
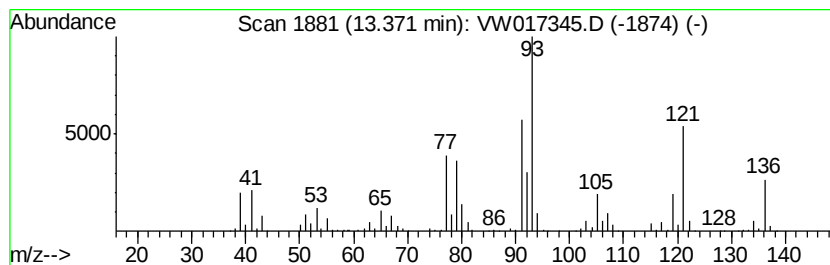
Instrument :
MSVOA_W
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis

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

Peak Number 9 (+)-4-Carene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	23.04 ug/L	541966	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		(+)-4-Carene	136 C10H16	029050-33-7 94
2		Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136 C10H16	004889-83-2 91
3		(1S)-2,6,6-Trimethylbicyclo[3.1....	136 C10H16	007785-26-4 91
4		(1R)-2,6,6-Trimethylbicyclo[3.1....	136 C10H16	007785-70-8 91
5		1,3-Cyclohexadiene, 1-methyl-4-(...	136 C10H16	000099-86-5 90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111820\
Data File : VW017345.D
Acq On : 18 Nov 2020 22:12
Operator : SY/VA
Sample : L4749-13
Misc : 5.37G/10ML/MSVOA W/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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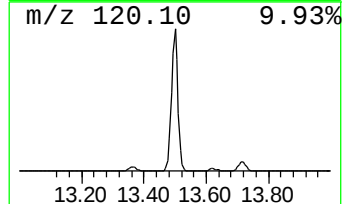
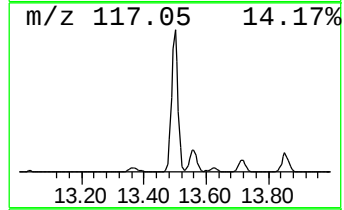
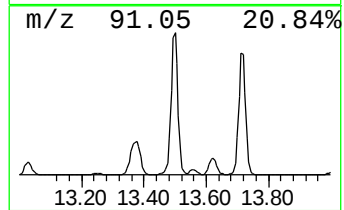
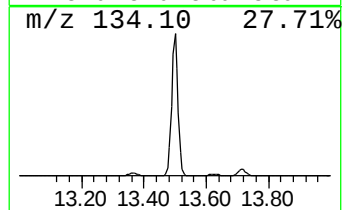
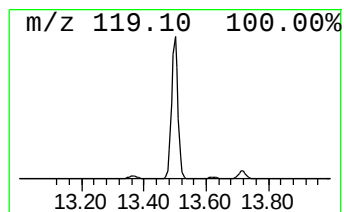
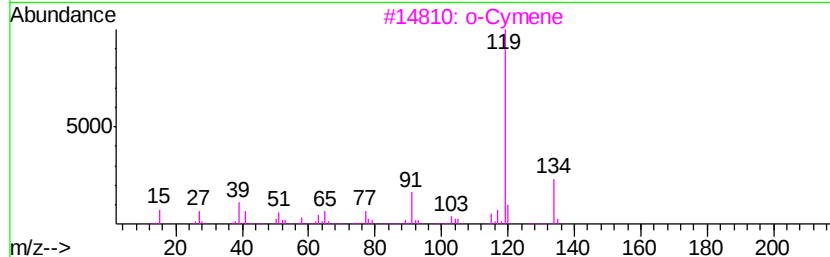
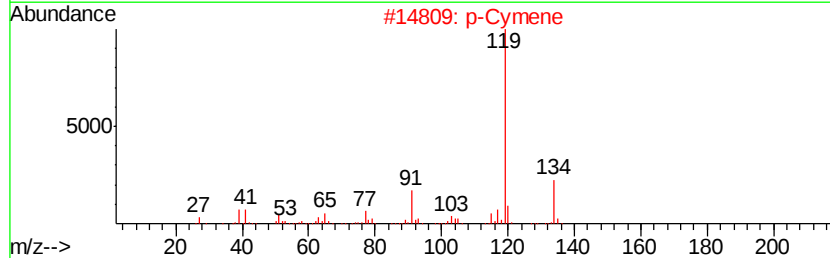
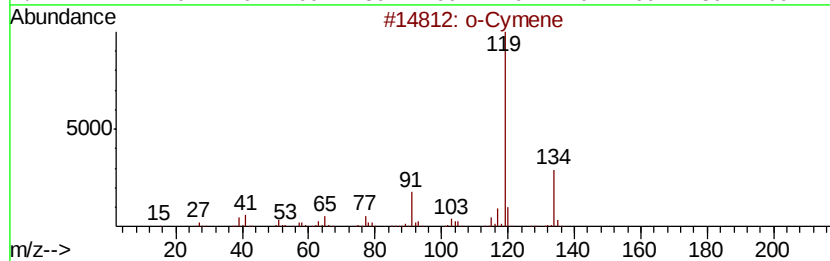
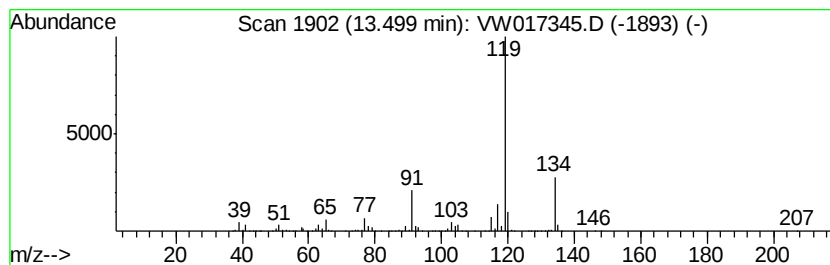
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Quant Title : VOC Analysis

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

Peak Number 10 o-Cymene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	84.54 ug/L	1988370	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Cymene	134	C10H14	000527-84-4	97
2		p-Cymene	134	C10H14	000099-87-6	97
3		o-Cymene	134	C10H14	000527-84-4	97
4		o-Cymene	134	C10H14	000527-84-4	97
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111820\
Data File : VW017345.D
Acq On : 18 Nov 2020 22:12
Operator : SY/VA
Sample : L4749-13
Misc : 5.37G/10ML/MSVOA W/SOIL
ALS Vial : 29 Sample Multiplier: 1

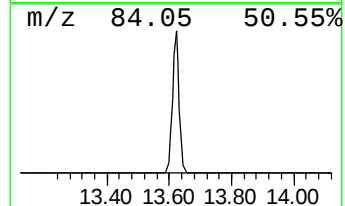
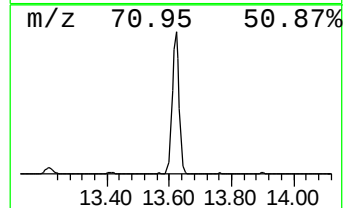
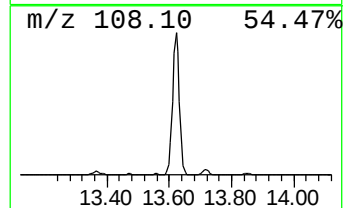
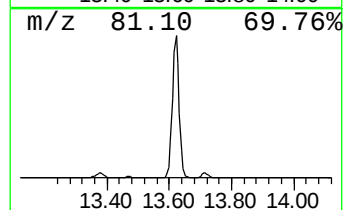
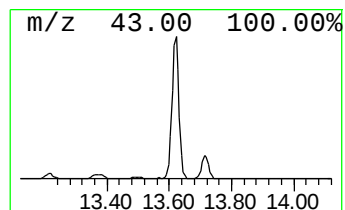
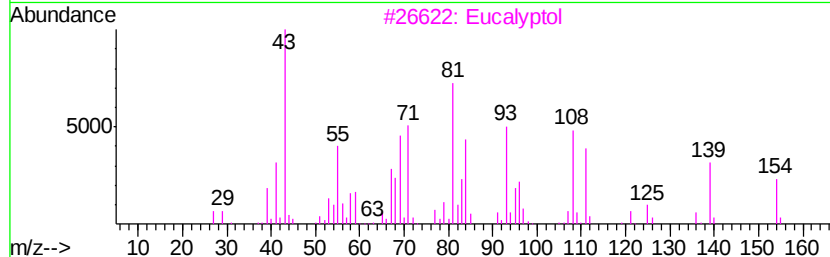
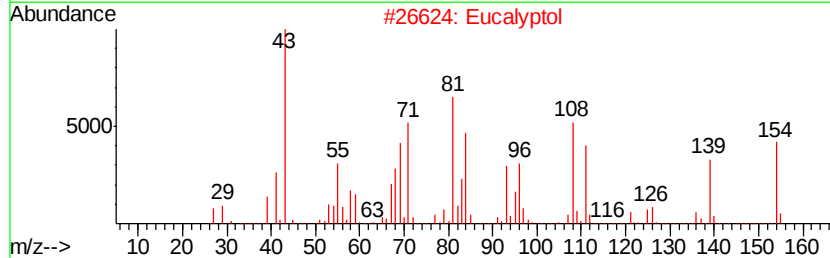
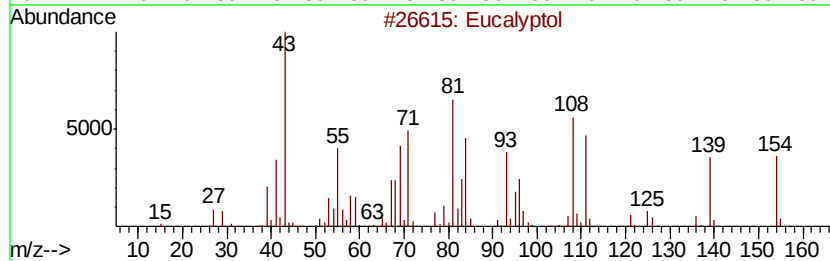
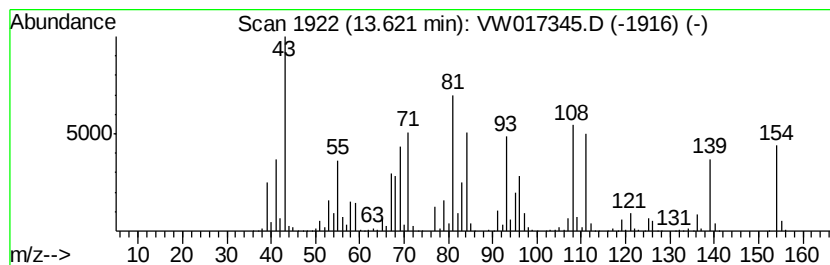
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis

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

Peak Number 11 Eucalyptol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	78.99 ug/L	1857850	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eucalyptol	154 C10H18O	000470-82-6	99
2	Eucalyptol	154 C10H18O	000470-82-6	98
3	Eucalyptol	154 C10H18O	000470-82-6	95
4	Eucalyptol	154 C10H18O	000470-82-6	91
5	Trifluoroacetyl-.alpha.-terpineol	250 C12H17F3O2	1000058-17-6	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111820\
Data File : VW017345.D
Acq On : 18 Nov 2020 22:12
Operator : SY/VA
Sample : L4749-13
Misc : 5.37G/10ML/MSVOA W/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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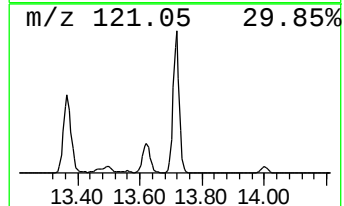
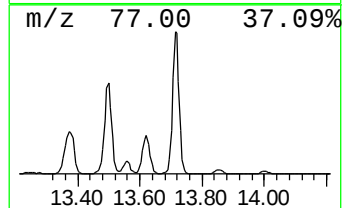
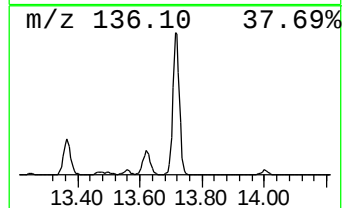
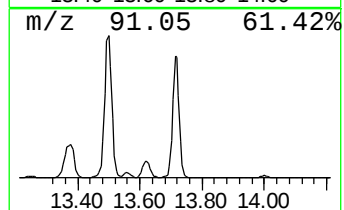
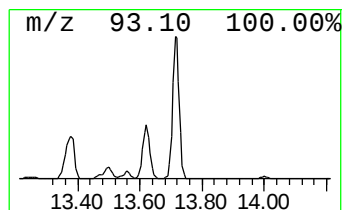
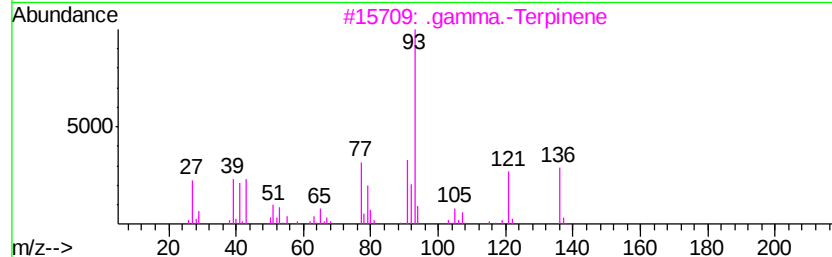
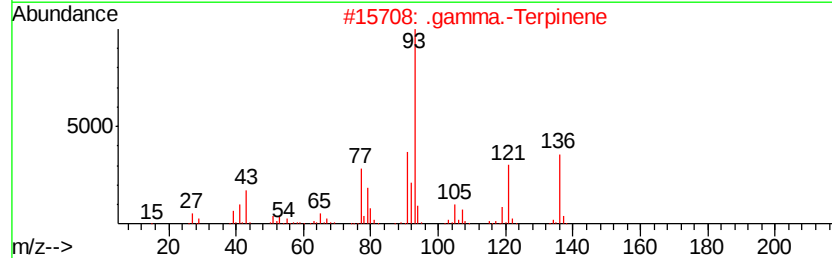
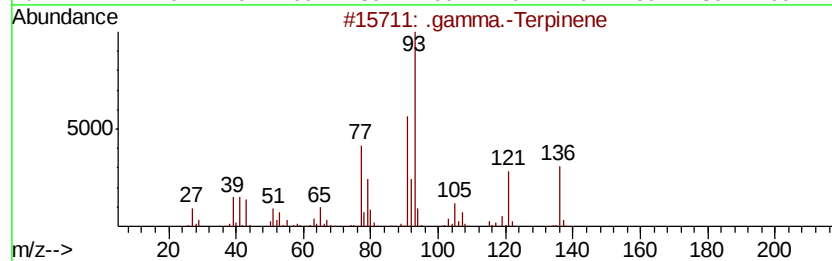
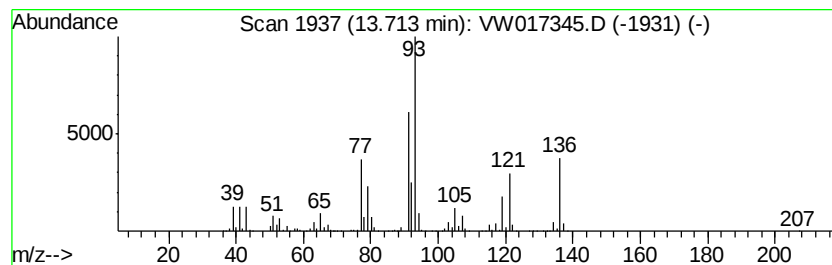
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Quant Title : VOC Analysis

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

Peak Number 12 .gamma.-Terpinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.71	48.37 ug/L	1137620	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Terpinene	136	C10H16	000099-85-4	96
2		.gamma.-Terpinene	136	C10H16	000099-85-4	95
3		.gamma.-Terpinene	136	C10H16	000099-85-4	93
4		(+)-3-Carene	136	C10H16	000498-15-7	91
5		4-Carene, (1S,3R,6R)-(-)-	136	C10H16	005208-49-1	91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111820\
Data File : VW017345.D
Acq On : 18 Nov 2020 22:12
Operator : SY/VA
Sample : L4749-13
Misc : 5.37G/10ML/MSVOA_W/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0B12

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
Bicyclo[3.1.0]hex...	12.34	3.8	ug/L	115201	2	11.63	765693	25.0
.alpha.-Pinene	12.47	2.3	ug/L	70190	2	11.63	765693	25.0
Bicyclo[3.1.0]hex...	12.94	9.5	ug/L	224238	3	13.56	587964	25.0
.beta.-Pinene	13.03	8.0	ug/L	188096	3	13.56	587964	25.0
3-Octanone	13.21	1.9	ug/L	44530	3	13.56	587964	25.0
(+)-4-Carene	13.37	23.0	ug/L	541966	3	13.56	587964	25.0
o-Cymene	13.50	84.5	ug/L	1988370	3	13.56	587964	25.0
Eucalyptol	13.62	79.0	ug/L	1857850	3	13.56	587964	25.0
.gamma.-Terpinene	13.71	48.4	ug/L	1137620	3	13.56	587964	25.0