

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121018\
 Data File : VW007357.D
 Acq On : 10 Dec 2018 15:01
 Operator : SY/AP
 Sample : J6270-09RE
 Misc : 6.18G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9E08RE

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\SOM2WLM120718S.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	3.306	228	230	234	rVB	204	161	0.10%	0.017%
2	3.532	261	267	276	rVB2	3055	6618	4.16%	0.715%
3	3.623	281	282	284	rBV2	165	133	0.08%	0.014%
4	3.855	318	320	323	rBV2	195	193	0.12%	0.021%
5	4.007	336	345	355	rBB2	15527	40282	25.33%	4.354%
6	4.135	358	366	371	rVB3	829	2134	1.34%	0.231%
7	4.239	380	383	386	rBB	84	138	0.09%	0.015%
8	4.385	402	407	408	rBV	267	353	0.22%	0.038%
9	4.647	448	450	454	rBB	135	183	0.12%	0.020%
10	4.830	479	480	486	rBB	124	160	0.10%	0.017%
11	4.903	486	492	500	rBV4	1582	4583	2.88%	0.495%
12	5.135	528	530	532	rBV4	128	161	0.10%	0.017%
13	5.324	558	561	565	rBB	118	156	0.10%	0.017%
14	5.361	566	567	570	rBV	135	133	0.08%	0.014%
15	5.787	634	637	639	rBV	173	238	0.15%	0.026%
16	5.940	653	662	667	rBV3	632	1384	0.87%	0.150%
17	6.123	691	692	694	rBV3	127	131	0.08%	0.014%
18	6.196	702	704	706	rBV	102	113	0.07%	0.012%
19	6.488	750	752	755	rVB	160	130	0.08%	0.014%
20	6.592	766	769	770	rBV	96	116	0.07%	0.013%
21	6.677	780	783	786	rBV	141	233	0.15%	0.025%
22	6.836	804	809	810	rBV	116	143	0.09%	0.015%
23	6.897	815	819	821	rBB	157	136	0.09%	0.015%
24	6.921	821	823	826	rBB	136	146	0.09%	0.016%
25	7.086	840	850	855	rBV2	2490	7801	4.90%	0.843%
26	7.330	887	890	892	rBV	86	116	0.07%	0.013%
27	7.500	916	918	921	rBV2	135	180	0.11%	0.019%
28	7.647	933	942	952	rVB	20194	47272	29.72%	5.110%
29	7.994	997	999	1001	rBV	123	121	0.08%	0.013%
30	8.275	1036	1045	1059	rBB3	36379	110934	69.74%	11.991%
31	8.470	1074	1077	1081	rBB	113	134	0.08%	0.014%
32	8.512	1082	1084	1087	rBB	103	126	0.08%	0.014%
33	8.543	1087	1089	1093	rBB2	222	309	0.19%	0.033%
34	8.653	1104	1107	1110	rBB	85	131	0.08%	0.014%

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Integration Parameters: LSCINT.P

Integrator: RTE
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 Title : VOC Analysis

35	8.842	1131	1138	1146	rVV	38644	74220	46.66%	8.023%
36	9.031	1165	1169	1170	rBV2	733	790	0.50%	0.085%
37	9.092	1175	1179	1182	rBV	119	160	0.10%	0.017%
38	9.220	1197	1200	1201	rBV	143	149	0.09%	0.016%
39	9.275	1201	1209	1223	rVB	24676	49416	31.07%	5.341%
40	9.604	1260	1263	1264	rBB	111	111	0.07%	0.012%
41	9.756	1285	1288	1290	rBB	126	106	0.07%	0.011%
42	9.848	1300	1303	1305	rBB	128	127	0.08%	0.014%
43	9.896	1310	1311	1313	rBV	199	114	0.07%	0.012%
44	10.037	1327	1334	1340	rBB2	12917	22588	14.20%	2.442%
45	10.219	1360	1364	1367	rBB2	276	272	0.17%	0.029%
46	10.323	1375	1381	1388	rBV	53318	92504	58.16%	9.999%
47	10.494	1405	1409	1411	rBV	214	240	0.15%	0.026%
48	10.579	1417	1423	1429	rBB2	8277	14263	8.97%	1.542%
49	10.707	1439	1444	1449	rBV2	1377	2386	1.50%	0.258%
50	10.835	1463	1465	1466	rBV2	146	124	0.08%	0.013%
51	10.927	1474	1480	1492	rBV	9677	17222	10.83%	1.862%
52	11.067	1499	1503	1510	rBV	2019	3122	1.96%	0.337%
53	11.177	1517	1521	1523	rBB	141	157	0.10%	0.017%
54	11.341	1547	1548	1551	rBB	143	104	0.07%	0.011%
55	11.445	1561	1565	1569	rBV	712	978	0.61%	0.106%
56	11.634	1589	1596	1603	rBB2	43781	72471	45.56%	7.834%
57	11.744	1611	1614	1615	rBB	224	141	0.09%	0.015%
58	11.841	1627	1630	1634	rBB	293	247	0.16%	0.027%
59	12.085	1669	1670	1674	rBB	125	129	0.08%	0.014%
60	12.183	1685	1686	1689	rBB	135	105	0.07%	0.011%
61	12.237	1689	1695	1700	rBB	1514	2315	1.46%	0.250%
62	12.335	1708	1711	1714	rBB	407	346	0.22%	0.037%
63	12.475	1729	1734	1740	rBB	8855	14239	8.95%	1.539%
64	12.561	1747	1748	1752	rBB	120	126	0.08%	0.014%
65	12.615	1752	1757	1762	rBB	2313	2985	1.88%	0.323%
66	12.695	1764	1770	1780	rBB2	16437	32588	20.49%	3.523%
67	12.871	1795	1799	1800	rBB2	155	137	0.09%	0.015%
68	12.945	1807	1811	1816	rBV4	1277	2474	1.56%	0.267%
69	13.030	1820	1825	1829	rVB3	3280	5202	3.27%	0.562%
70	13.109	1835	1838	1841	rBV	150	193	0.12%	0.021%
71	13.182	1848	1850	1851	rBV	164	113	0.07%	0.012%

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72	13.219	1851	1856	1859	rBV	4075	5926	3.73%	0.641%
73	13.298	1867	1869	1871	rBV	475	529	0.33%	0.057%
74	13.371	1876	1881	1886	rBB2	882	1263	0.79%	0.137%
75	13.475	1892	1898	1901	rBV	93410	159057	100.00%	17.193%
76	13.560	1907	1912	1918	rVB2	35826	59174	37.20%	6.396%
77	13.621	1918	1922	1929	rVB4	5482	8638	5.43%	0.934%
78	13.719	1934	1938	1941	rVB3	1144	1554	0.98%	0.168%
79	13.768	1945	1946	1949	rBV	114	140	0.09%	0.015%
80	13.798	1949	1951	1953	rVB	179	140	0.09%	0.015%
81	13.859	1955	1961	1967	rVB2	28399	45838	28.82%	4.955%
82	13.914	1967	1970	1972	rBV2	294	271	0.17%	0.029%
83	13.963	1974	1978	1979	rBV	92	139	0.09%	0.015%
84	14.005	1982	1985	1989	rBV2	626	821	0.52%	0.089%
85	14.079	1994	1997	2002	rVB2	714	982	0.62%	0.106%
86	14.341	2038	2040	2042	rBB2	126	106	0.07%	0.011%
87	14.457	2058	2059	2062	rVB2	208	137	0.09%	0.015%
88	14.828	2118	2120	2121	rBV2	198	143	0.09%	0.015%
89	14.999	2146	2148	2151	rBV	157	125	0.08%	0.014%
90	15.225	2183	2185	2187	rBV	152	132	0.08%	0.014%
91	15.292	2194	2196	2198	rBV	253	279	0.18%	0.030%
92	15.334	2202	2203	2205	rBV	154	134	0.08%	0.014%
93	15.426	2215	2218	2219	rBV	215	229	0.14%	0.025%
94	15.706	2263	2264	2267	rBV	197	191	0.12%	0.021%
95	15.981	2307	2309	2310	rBV	209	180	0.11%	0.019%
96	16.316	2362	2364	2366	rVB	224	153	0.10%	0.017%
97	16.340	2366	2368	2370	rBV	188	158	0.10%	0.017%
98	16.572	2405	2406	2407	rBV	225	147	0.09%	0.016%
99	16.627	2414	2415	2418	rVB	183	139	0.09%	0.015%
100	16.657	2418	2420	2422	rBV	196	163	0.10%	0.018%

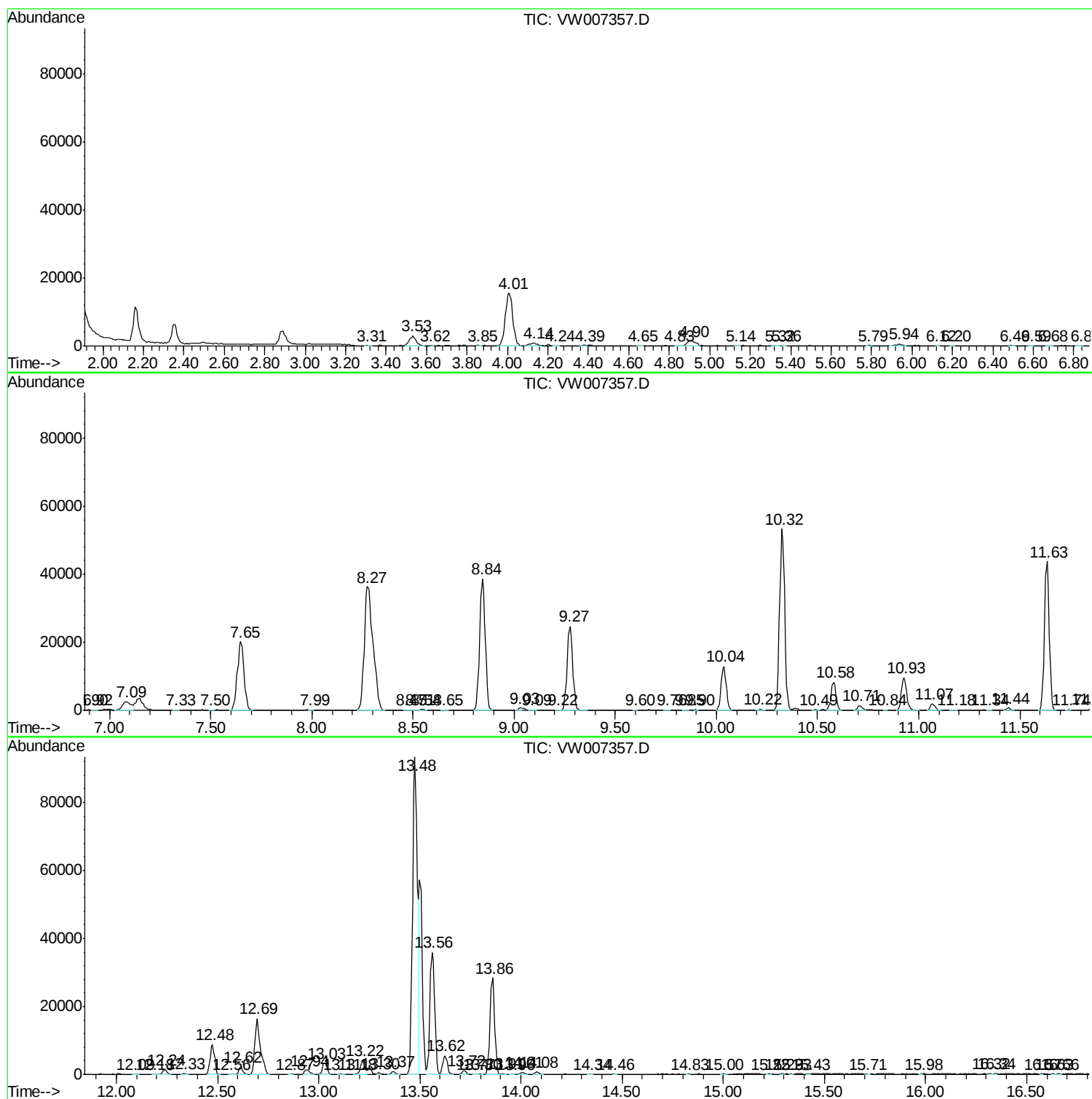
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis

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



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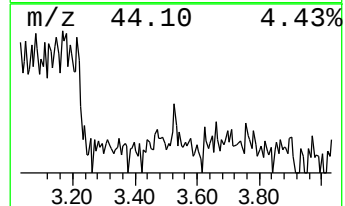
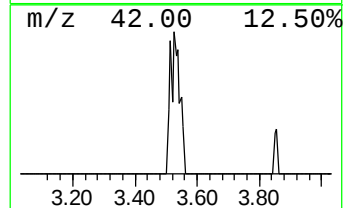
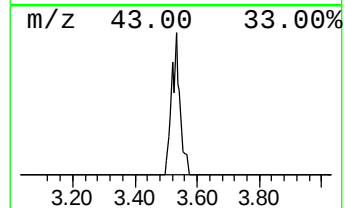
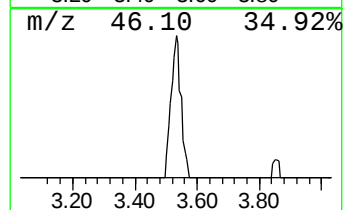
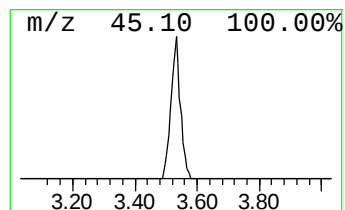
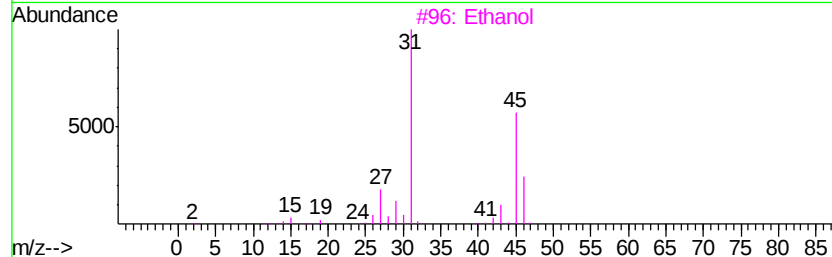
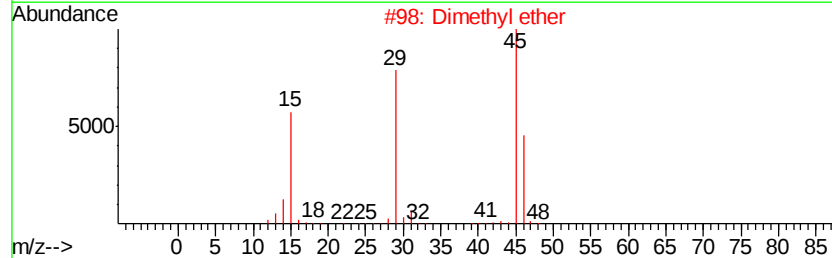
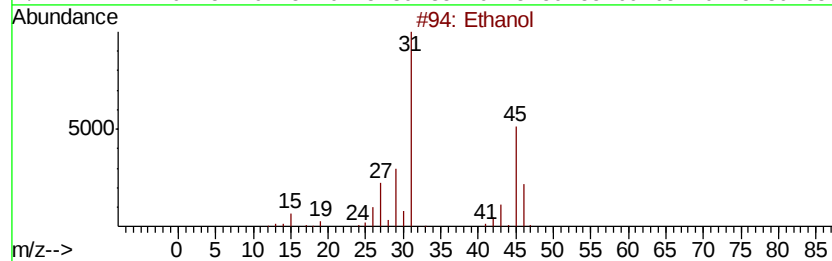
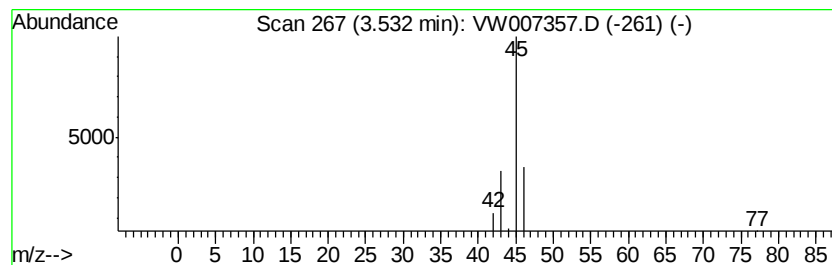
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis

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

Peak Number 1 Ethanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	2.23 ug/L	6618	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol	46	C2H6O	000064-17-5	7
2		Dimethyl ether	46	C2H6O	000115-10-6	5
3		Ethanol	46	C2H6O	000064-17-5	4
4		Ethanol	46	C2H6O	000064-17-5	4
5		Formic acid	46	CH2O2	000064-18-6	3



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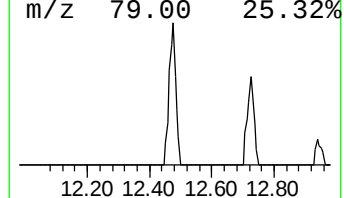
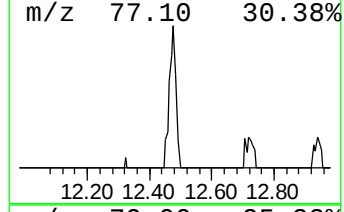
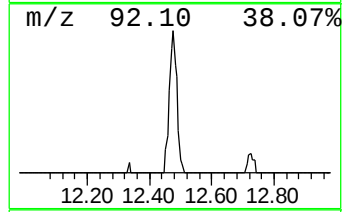
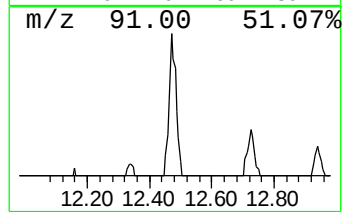
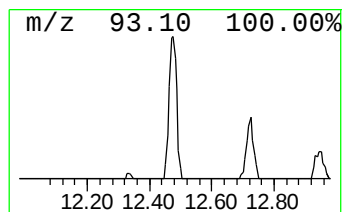
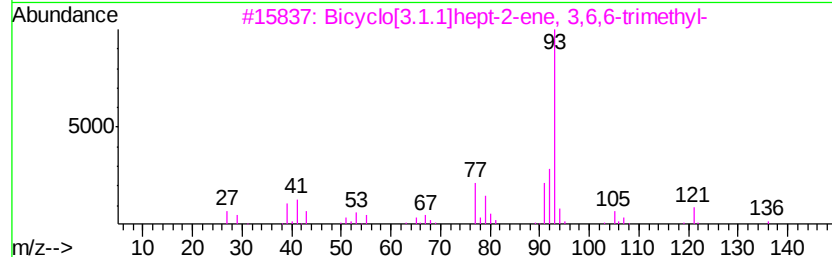
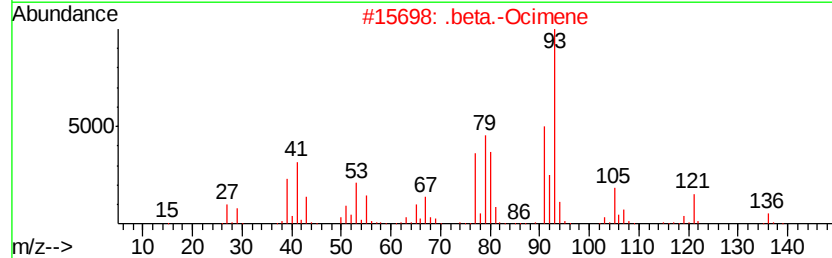
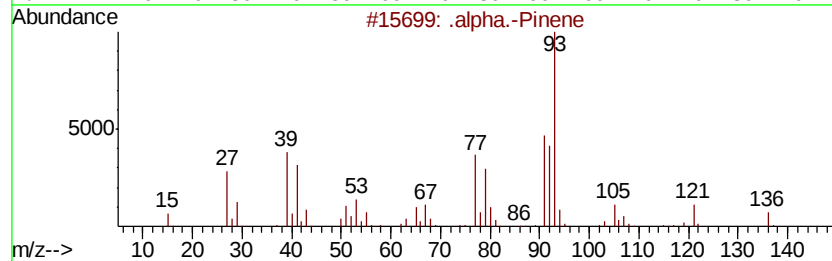
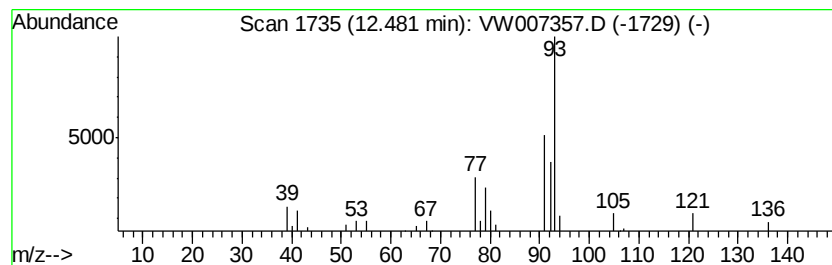
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis

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

Peak Number 4 .alpha.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	4.91 ug/L	14239	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.alpha.-Pinene	136	C10H16	000080-56-8	93
2		.beta.-Ocimene	136	C10H16	013877-91-3	90
3		Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	90
4		.alpha.-Pinene	136	C10H16	000080-56-8	83
5		.alpha.-Pinene	136	C10H16	000080-56-8	80



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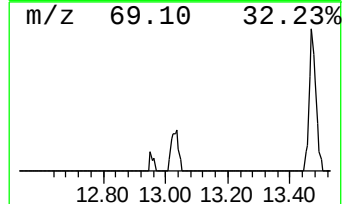
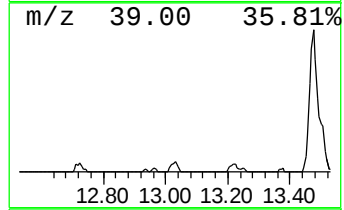
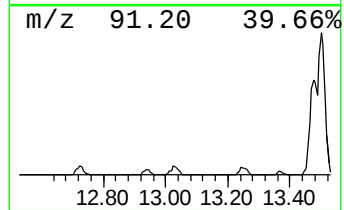
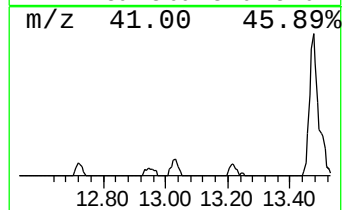
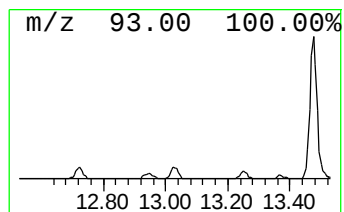
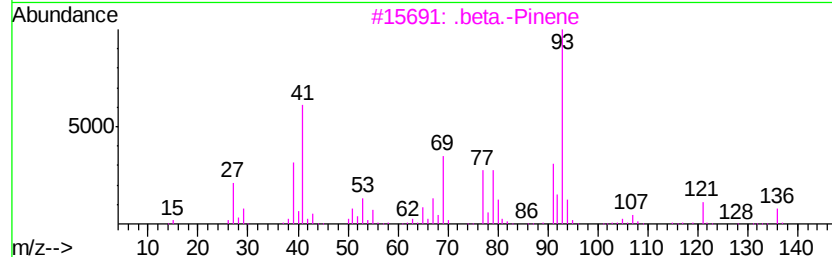
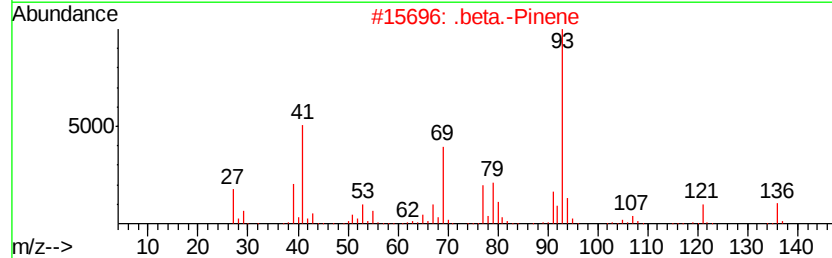
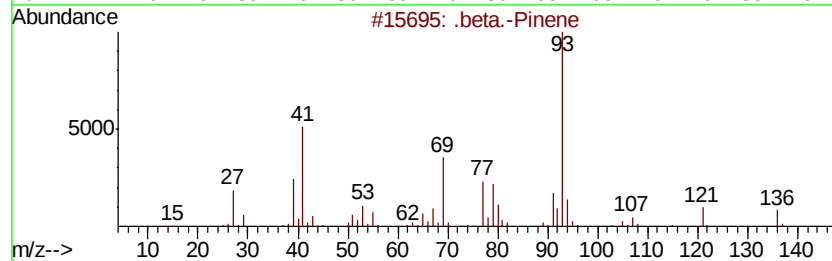
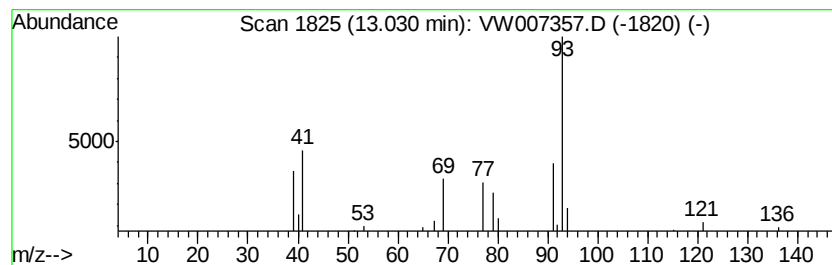
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Quant Title : VOC Analysis

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

Peak Number 6 .beta.-Pinene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	2.20 ug/L	5202	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-Pinene	136 C10H16	000127-91-3 91
2		.beta.-Pinene	136 C10H16	000127-91-3 91
3		.beta.-Pinene	136 C10H16	000127-91-3 90
4		.alpha.-Pinene	136 C10H16	000080-56-8 90
5		(1R)-2,6,6-Trimethylbicyclo[3.1....	136 C10H16	007785-70-8 90



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ClientSampleId :
F9E08RE

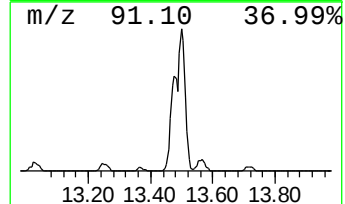
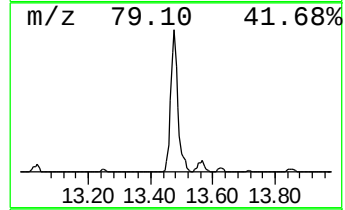
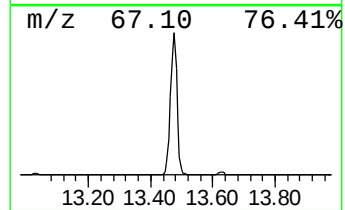
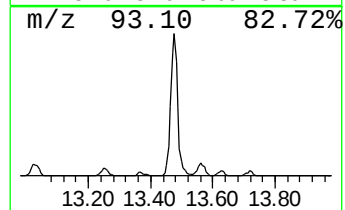
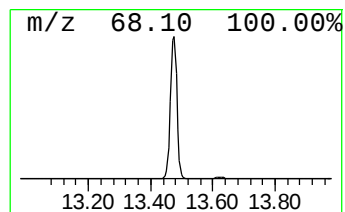
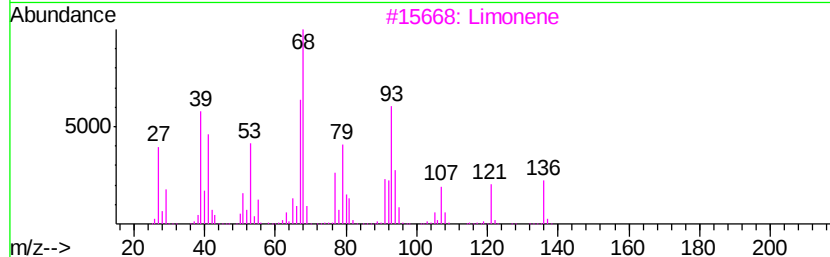
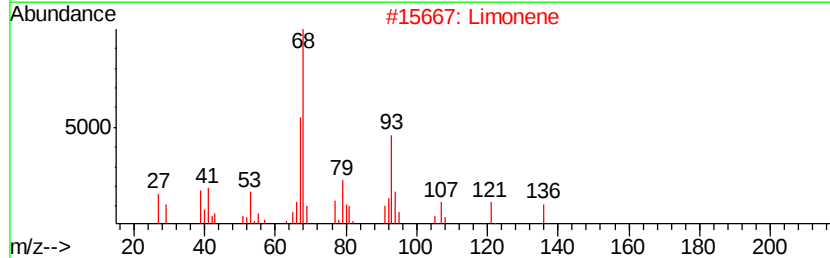
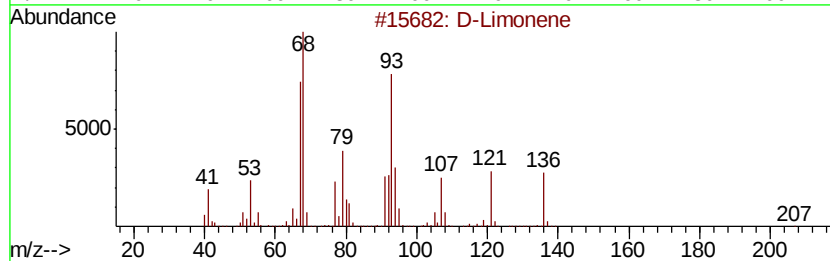
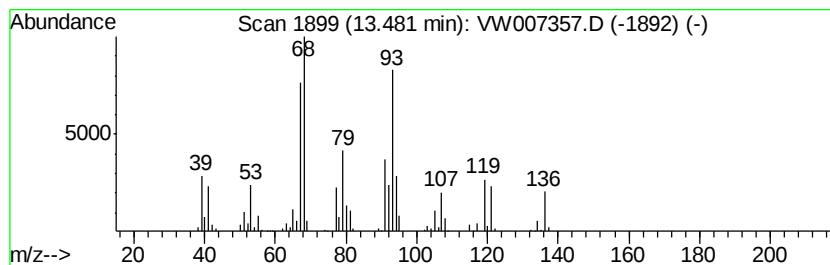
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Quant Title : VOC Analysis

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

Peak Number 8 D-Limonene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	67.20 ug/L	159057	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Limonene	136	C10H16	005989-27-5	96
2		Limonene	136	C10H16	000138-86-3	94
3		Limonene	136	C10H16	000138-86-3	94
4		D-Limonene	136	C10H16	005989-27-5	81
5		D-Limonene	136	C10H16	005989-27-5	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121018\
Data File : VW007357.D
Acq On : 10 Dec 2018 15:01
Operator : SY/AP
Sample : J6270-09RE
Misc : 6.18G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

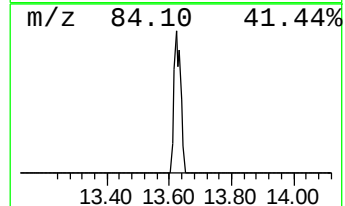
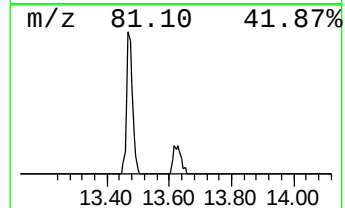
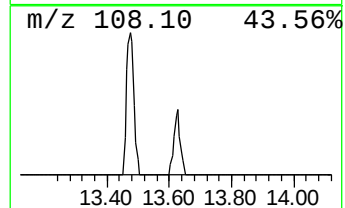
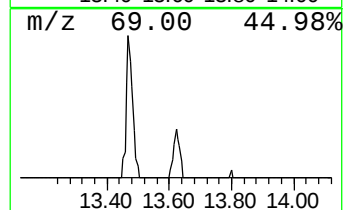
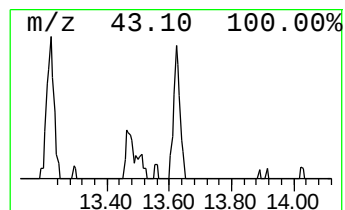
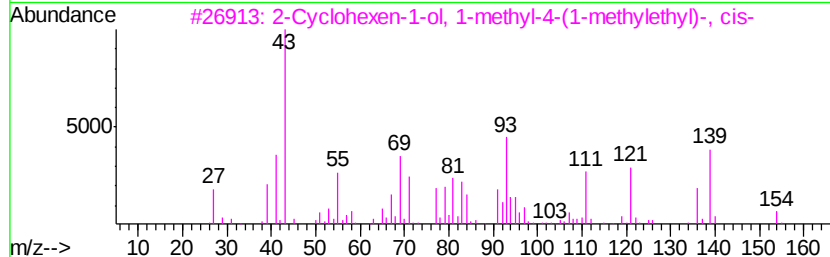
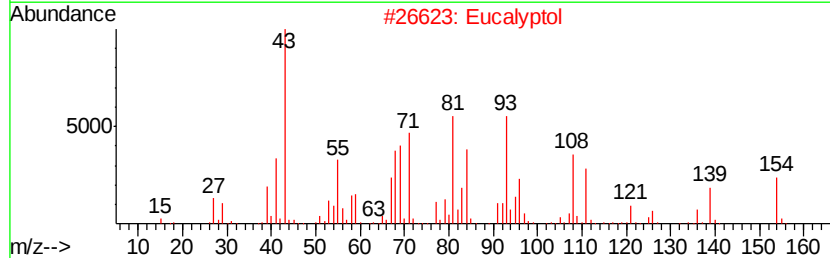
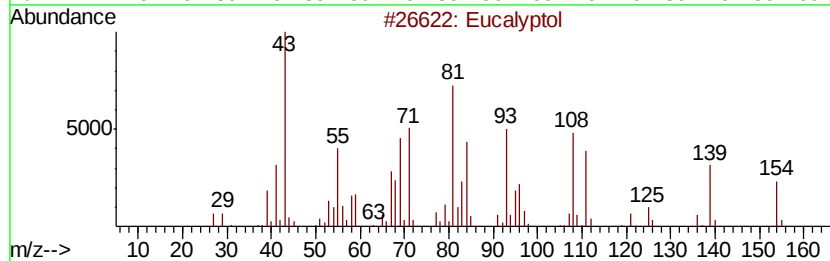
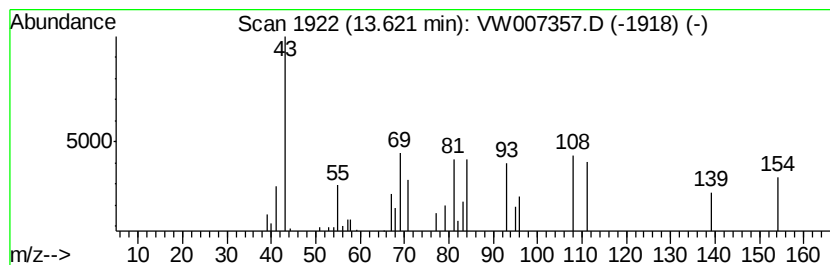
Instrument :
MSVOA_W
ClientSampleId :
F9E08RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis

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

Peak Number 9 Eucalyptol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	3.65 ug/L	8638	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eucalyptol	154 C10H18O	000470-82-6	80
2	Eucalyptol	154 C10H18O	000470-82-6	58
3	2-Cyclohexen-1-ol, 1-methyl-4-(1...	154 C10H18O	029803-82-5	38
4	1-Methyl-2-aminomethylimidazole	111 C5H9N3	124312-73-8	18
5	trans-Cyclohexane-1,4-dimethanol...	228 C12H20O4	010412-78-9	10



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121018\
Data File : VW007357.D
Acq On : 10 Dec 2018 15:01
Operator : SY/AP
Sample : J6270-09RE
Misc : 6.18G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
F9E08RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.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
Ethanol	3.53	2.2	ug/L	6618	1	8.84	74220	25.0
.alpha.-Pinene	12.48	4.9	ug/L	14239	2	11.63	72471	25.0
.beta.-Pinene	13.03	2.2	ug/L	5202	3	13.56	59174	25.0
D-Limonene	13.48	67.2	ug/L	159057	3	13.56	59174	25.0
Eucalyptol	13.62	3.6	ug/L	8638	3	13.56	59174	25.0