

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031121\
 Data File : VW018297.D
 Acq On : 11 Mar 2021 14:20
 Operator : SY/VA
 Sample : M1630-08
 Misc : 5.56G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG576

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M

Title : VOC Analysis

Signal : TIC: VW018297.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.361	68	75	85	rVB	70999	136042	15.26%	2.087%
2	2.812	147	149	151	rBV	526	335	0.04%	0.005%
3	2.898	155	163	178	rVV	46753	115601	12.97%	1.774%
4	3.385	241	243	246	rBV	249	280	0.03%	0.004%
5	3.751	300	303	306	rBV	143	168	0.02%	0.003%
6	3.903	326	328	330	rBV2	417	413	0.05%	0.006%
7	3.922	330	331	335	rVB2	248	172	0.02%	0.003%
8	4.025	335	348	364	rBV	125197	376973	42.29%	5.784%
9	4.385	399	407	408	rBV2	966	1632	0.18%	0.025%
10	4.611	441	444	445	rBV	176	168	0.02%	0.003%
11	4.751	465	467	468	rBV	237	174	0.02%	0.003%
12	4.922	485	495	507	rBV2	6597	21959	2.46%	0.337%
13	5.361	562	567	568	rBV	160	207	0.02%	0.003%
14	5.403	571	574	575	rBV	190	186	0.02%	0.003%
15	5.586	602	604	610	rVB2	147	198	0.02%	0.003%
16	5.775	631	635	638	rBV3	479	820	0.09%	0.013%
17	5.946	655	663	672	rVB5	1805	4872	0.55%	0.075%
18	6.086	683	686	688	rVB2	179	172	0.02%	0.003%
19	6.123	688	692	694	rBV2	181	310	0.03%	0.005%
20	6.171	696	700	702	rBV	217	254	0.03%	0.004%
21	6.281	715	718	720	rBV2	210	176	0.02%	0.003%
22	6.915	818	822	828	rVB2	532	761	0.09%	0.012%
23	7.086	842	850	868	rBV3	12069	41898	4.70%	0.643%
24	7.244	874	876	878	rBV2	140	183	0.02%	0.003%
25	7.488	912	916	919	rVB2	143	234	0.03%	0.004%
26	7.653	932	943	954	rBV	170251	416453	46.72%	6.390%
27	7.933	987	989	990	rBV	230	199	0.02%	0.003%
28	8.073	1011	1012	1016	rVB2	240	272	0.03%	0.004%
29	8.128	1019	1021	1024	rVB	215	203	0.02%	0.003%
30	8.275	1034	1045	1061	rBV2	309824	891302	100.00%	13.676%
31	8.439	1070	1072	1075	rVB2	202	193	0.02%	0.003%
32	8.476	1075	1078	1079	rBV2	147	181	0.02%	0.003%
33	8.561	1088	1092	1096	rVB3	297	435	0.05%	0.007%
34	8.707	1114	1116	1120	rVB	515	522	0.06%	0.008%
35	8.842	1130	1138	1151	rBV	354191	695597	78.04%	10.673%
36	8.970	1156	1159	1160	rBV	231	232	0.03%	0.004%

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 Title : VOC Analysis

37	8.988	1160	1162	1164	rVB2	231	189	0.02%	0.003%
38	9.073	1172	1176	1177	rBV3	744	820	0.09%	0.013%
39	9.274	1200	1209	1219	rBV	191962	388518	43.59%	5.961%
40	9.409	1229	1231	1233	rBV	653	584	0.07%	0.009%
41	9.518	1244	1249	1251	rBV2	197	222	0.02%	0.003%
42	9.671	1270	1274	1276	rBV2	334	504	0.06%	0.008%
43	9.744	1282	1286	1287	rBV	188	258	0.03%	0.004%
44	9.774	1289	1291	1293	rBV2	245	263	0.03%	0.004%
45	9.963	1320	1322	1324	rVV	262	210	0.02%	0.003%
46	10.037	1324	1334	1342	rVV	99203	179369	20.12%	2.752%
47	10.122	1347	1348	1354	rBV2	294	472	0.05%	0.007%
48	10.213	1357	1363	1369	rBV3	446	936	0.11%	0.014%
49	10.268	1369	1372	1373	rBV2	145	174	0.02%	0.003%
50	10.323	1373	1381	1391	rBV	459356	807919	90.64%	12.396%
51	10.579	1416	1423	1430	rBV	61434	101631	11.40%	1.559%
52	10.707	1438	1444	1451	rBV	10426	17061	1.91%	0.262%
53	10.927	1474	1480	1492	rBV	52008	87986	9.87%	1.350%
54	11.067	1499	1503	1509	rBV6	2168	4352	0.49%	0.067%
55	11.494	1571	1573	1574	rBV	289	298	0.03%	0.005%
56	11.634	1588	1596	1604	rBV	446361	755852	84.80%	11.597%
57	11.774	1617	1619	1622	rVB3	329	416	0.05%	0.006%
58	11.805	1622	1624	1625	rBV	350	207	0.02%	0.003%
59	11.835	1625	1629	1632	rVV3	389	509	0.06%	0.008%
60	11.920	1641	1643	1644	rBV2	299	259	0.03%	0.004%
61	12.164	1682	1683	1686	rVB	326	264	0.03%	0.004%
62	12.250	1693	1697	1698	rBV2	124	181	0.02%	0.003%
63	12.341	1706	1712	1717	rBV2	1321	2008	0.23%	0.031%
64	12.463	1729	1732	1738	rBV2	355	550	0.06%	0.008%
65	12.609	1750	1756	1762	rVV2	16065	24589	2.76%	0.377%
66	12.695	1763	1770	1778	rVB	114005	188091	21.10%	2.886%
67	12.756	1778	1780	1783	rBV2	315	384	0.04%	0.006%
68	12.938	1807	1810	1817	rVB3	685	1209	0.14%	0.019%
69	13.042	1825	1827	1830	rVB	293	222	0.02%	0.003%
70	13.079	1831	1833	1837	rVB2	340	355	0.04%	0.005%
71	13.115	1837	1839	1843	rVB	178	216	0.02%	0.003%
72	13.152	1843	1845	1846	rBV	246	237	0.03%	0.004%
73	13.188	1848	1851	1855	rVB2	826	935	0.10%	0.014%
74	13.219	1855	1856	1859	rBV	186	191	0.02%	0.003%
75	13.298	1862	1869	1873	rBV6	1410	2634	0.30%	0.040%
76	13.402	1881	1886	1891	rVB4	2685	4632	0.52%	0.071%

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Title : VOC Analysis

77	13.469	1891	1897	1902	rBV	21549	33229	3.73%	0.510%
78	13.554	1904	1911	1925	rVV	396542	643620	72.21%	9.875%
79	13.761	1939	1945	1948	rBV3	1178	1665	0.19%	0.026%
80	13.853	1953	1960	1967	rBV	326233	521583	58.52%	8.003%
81	14.018	1983	1987	1988	rBV	225	313	0.04%	0.005%
82	14.066	1990	1995	2003	rVB	6301	10091	1.13%	0.155%
83	14.322	2033	2037	2042	rVV5	4543	7434	0.83%	0.114%
84	14.377	2045	2046	2050	rBV2	239	259	0.03%	0.004%
85	14.487	2061	2064	2065	rBV	268	227	0.03%	0.003%
86	14.524	2068	2070	2071	rVV	528	421	0.05%	0.006%
87	14.627	2084	2087	2092	rBV4	320	602	0.07%	0.009%
88	14.719	2097	2102	2107	rVB4	974	1716	0.19%	0.026%
89	14.761	2107	2109	2112	rBV2	223	226	0.03%	0.003%
90	15.133	2168	2170	2173	rBV2	323	267	0.03%	0.004%
91	15.176	2173	2177	2184	rVV4	1978	3137	0.35%	0.048%
92	15.395	2210	2213	2217	rVB4	770	1239	0.14%	0.019%
93	15.487	2224	2228	2234	rVB2	2046	3512	0.39%	0.054%
94	15.548	2236	2238	2242	rVB3	710	888	0.10%	0.014%
95	15.584	2242	2244	2247	rBV	207	279	0.03%	0.004%
96	15.645	2252	2254	2256	rBV	282	251	0.03%	0.004%
97	15.926	2298	2300	2302	rVB	274	184	0.02%	0.003%
98	16.602	2410	2411	2413	rBV	312	193	0.02%	0.003%
99	16.627	2413	2415	2419	rVB2	404	364	0.04%	0.006%
100	16.669	2419	2422	2424	rBV2	240	318	0.04%	0.005%

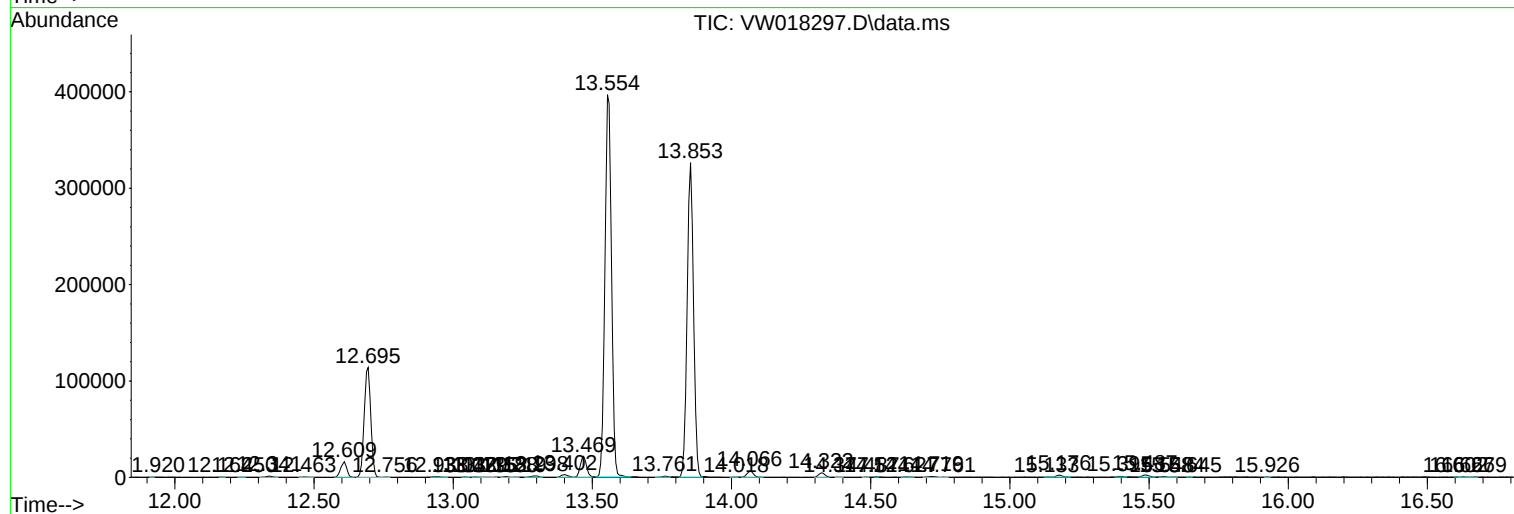
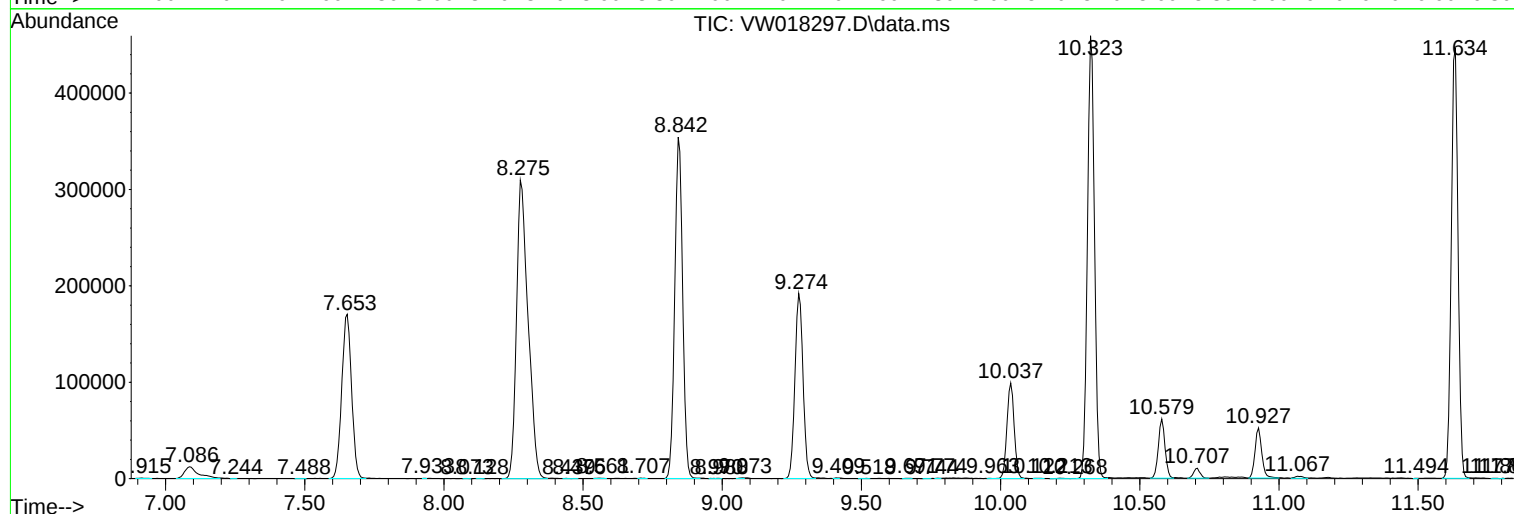
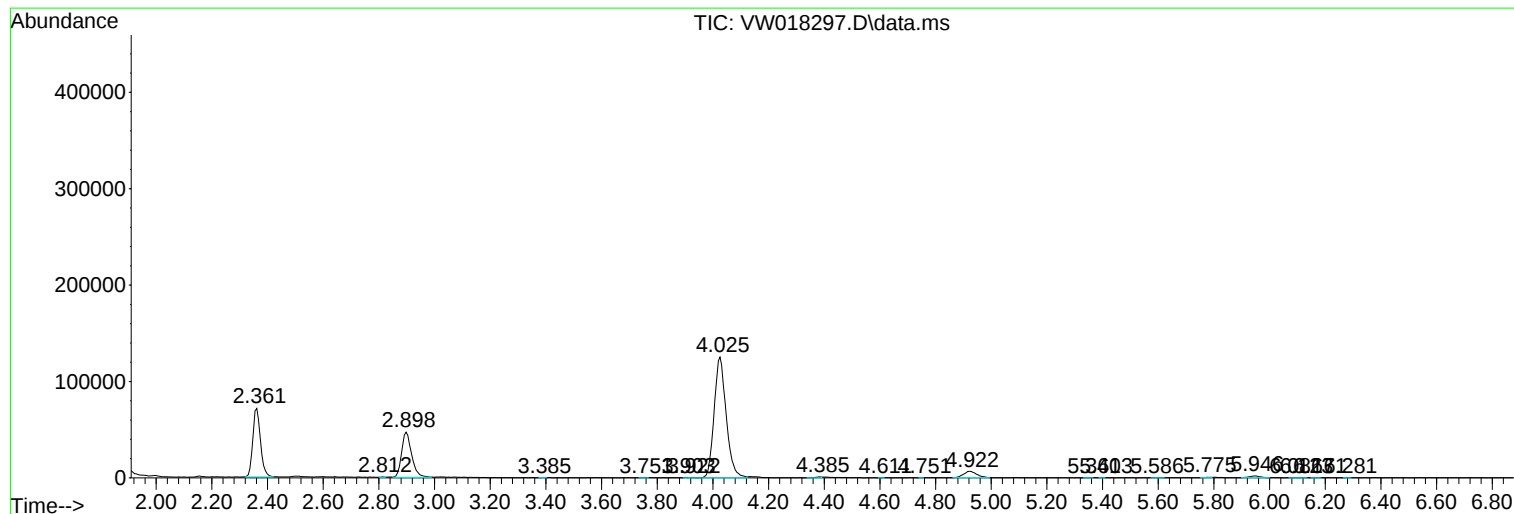
Sum of corrected areas: 6517502

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
Quant Title : VOC Analysis

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



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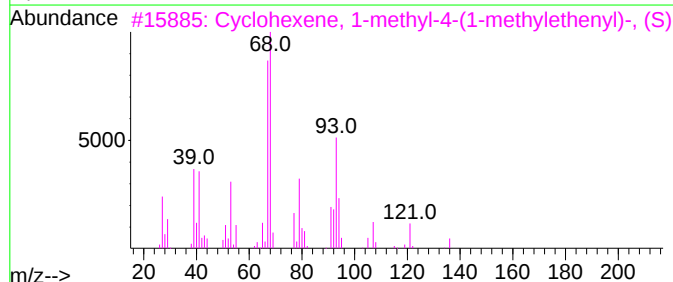
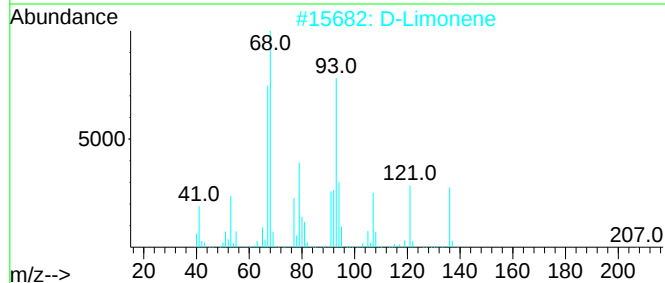
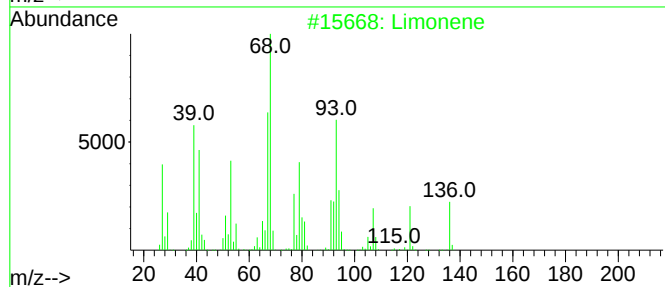
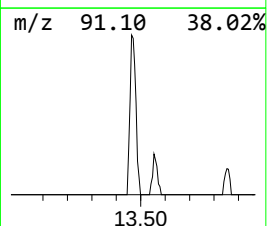
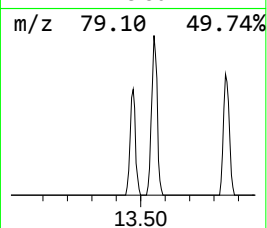
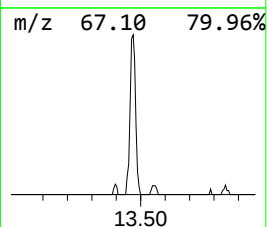
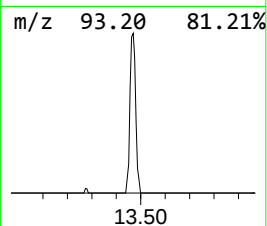
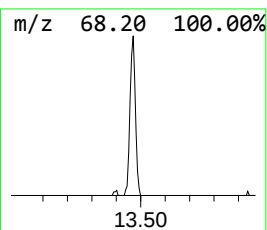
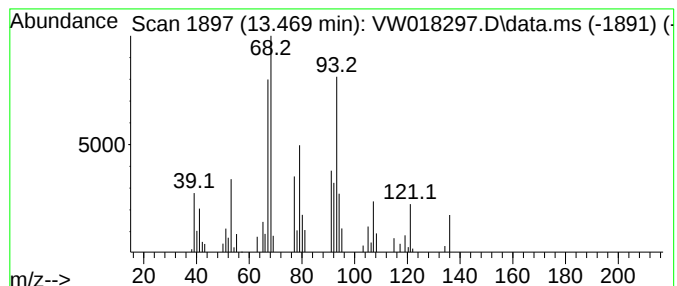
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Limonene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.469	1.29 ug/L	33229	1,4-Dichlorobenzene-d4	13.560

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Limonene	136	C10H16	000138-86-3	97
2			D-Limonene	136	C10H16	005989-27-5	96
3			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	87
4			D-Limonene	136	C10H16	005989-27-5	81
5			Limonene	136	C10H16	000138-86-3	76



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Limonene	13.469	1.3	ug/L	33229	3	13.560	643620	25.0