

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092320\
 Data File : VW016608.D
 Acq On : 22 Sep 2020 14:19
 Operator : SY/VA
 Sample : L4108-03
 Misc : 5.01G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3M7

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	87	rVB	129639	258608	13.98%	1.707%
2	2.507	96	99	105	rBV2	3760	5938	0.32%	0.039%
3	2.909	157	165	180	rVB	90104	242304	13.10%	1.600%
4	3.550	265	270	275	rVB3	492	907	0.05%	0.006%
5	3.684	289	292	294	rBV3	784	1012	0.05%	0.007%
6	3.745	299	302	304	rBV3	591	789	0.04%	0.005%
7	3.836	315	317	320	rBV2	343	486	0.03%	0.003%
8	4.031	337	349	360	rBV	252356	721041	38.99%	4.760%
9	4.391	403	408	409	rBV3	1586	2160	0.12%	0.014%
10	4.501	424	426	427	rBV3	611	527	0.03%	0.003%
11	4.604	438	443	449	rBV3	1443	3695	0.20%	0.024%
12	4.933	485	497	514	rBV	67055	226836	12.26%	1.498%
13	5.129	525	529	530	rBV2	486	559	0.03%	0.004%
14	5.464	582	584	589	rVB3	510	757	0.04%	0.005%
15	5.769	627	634	636	rBV4	918	1511	0.08%	0.010%
16	5.952	653	664	677	rVB2	18059	55868	3.02%	0.369%
17	6.122	690	692	695	rVV2	512	616	0.03%	0.004%
18	6.275	715	717	721	rBV2	417	483	0.03%	0.003%
19	6.573	763	766	771	rVB3	322	526	0.03%	0.003%
20	6.909	810	821	831	rBV3	6018	18170	0.98%	0.120%
21	7.086	840	850	855	rBV	37953	109006	5.89%	0.720%
22	7.518	919	921	923	rBV2	564	613	0.03%	0.004%
23	7.549	923	926	932	rVB5	994	1824	0.10%	0.012%
24	7.652	932	943	958	rBV	331323	808948	43.74%	5.341%
25	7.829	970	972	974	rBV2	601	612	0.03%	0.004%
26	7.951	988	992	994	rBV2	1540	2297	0.12%	0.015%
27	8.280	1033	1046	1064	rBV2	642626	1849471	100.00%	12.210%
28	8.512	1081	1084	1089	rBV3	577	704	0.04%	0.005%
29	8.573	1092	1094	1098	rVB4	570	620	0.03%	0.004%
30	8.628	1098	1103	1104	rBV4	765	1080	0.06%	0.007%
31	8.713	1109	1117	1118	rBV5	1251	2557	0.14%	0.017%
32	8.847	1130	1139	1153	rBV	763407	1489294	80.53%	9.832%
33	8.969	1156	1159	1162	rVB3	419	499	0.03%	0.003%
34	9.036	1166	1170	1171	rBV2	840	978	0.05%	0.006%

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 Title : VOC Analysis

35	9.079	1174	1177	1184	rVB6	1443	2741	0.15%	0.018%
36	9.280	1200	1210	1219	rBV	406505	823902	44.55%	5.439%
37	9.427	1229	1234	1238	rVB3	1611	2788	0.15%	0.018%
38	9.463	1238	1240	1244	rVB3	575	543	0.03%	0.004%
39	9.512	1246	1248	1253	rVB4	874	1450	0.08%	0.010%
40	9.561	1253	1256	1260	rBV3	331	588	0.03%	0.004%
41	9.664	1268	1273	1281	rBV3	1929	3700	0.20%	0.024%
42	9.780	1287	1292	1293	rBV3	596	737	0.04%	0.005%
43	9.933	1315	1317	1322	rVB3	563	842	0.05%	0.006%
44	10.042	1322	1335	1345	rBV	236788	435660	23.56%	2.876%
45	10.213	1358	1363	1369	rBV3	2954	5523	0.30%	0.036%
46	10.329	1374	1382	1391	rBV	965669	1699465	91.89%	11.220%
47	10.585	1416	1424	1434	rBV	141899	252739	13.67%	1.669%
48	10.707	1438	1444	1451	rVB	27794	48613	2.63%	0.321%
49	10.926	1474	1480	1496	rVB	152285	264979	14.33%	1.749%
50	11.067	1497	1503	1515	rVV	25584	51724	2.80%	0.341%
51	11.176	1516	1521	1529	rVB	14711	27114	1.47%	0.179%
52	11.438	1560	1564	1569	rVB3	2797	5196	0.28%	0.034%
53	11.633	1586	1596	1607	rBV	1012895	1717009	92.84%	11.335%
54	11.804	1620	1624	1627	rBV5	1432	2468	0.13%	0.016%
55	11.841	1627	1630	1634	rVB3	1675	2408	0.13%	0.016%
56	12.091	1669	1671	1673	rBV	689	768	0.04%	0.005%
57	12.182	1680	1686	1691	rBV4	1912	4042	0.22%	0.027%
58	12.243	1691	1696	1704	rVV3	2200	4379	0.24%	0.029%
59	12.347	1708	1713	1715	rVV3	2691	4172	0.23%	0.028%
60	12.389	1715	1720	1727	rVB3	4088	8124	0.44%	0.054%
61	12.469	1729	1733	1737	rVB5	1632	2094	0.11%	0.014%
62	12.609	1749	1756	1763	rVB	35883	60048	3.25%	0.396%
63	12.694	1763	1770	1778	rBV	278581	457123	24.72%	3.018%
64	12.767	1778	1782	1785	rVB4	1291	1867	0.10%	0.012%
65	12.810	1785	1789	1796	rVB7	1039	2050	0.11%	0.014%
66	12.932	1796	1809	1822	rBV10	6734	27444	1.48%	0.181%
67	13.084	1830	1834	1837	rBV5	595	998	0.05%	0.007%
68	13.121	1837	1840	1844	rVB3	1276	1676	0.09%	0.011%
69	13.170	1844	1848	1849	rBV3	773	1072	0.06%	0.007%
70	13.194	1849	1852	1857	rBV4	2269	3457	0.19%	0.023%
71	13.249	1857	1861	1864	rVV4	1102	1420	0.08%	0.009%

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72	13.298	1864	1869	1877	rVB7	5638	11431	0.62%	0.075%
73	13.408	1880	1887	1891	rBV4	8195	16163	0.87%	0.107%
74	13.469	1891	1897	1905	rBV	64025	104450	5.65%	0.690%
75	13.560	1905	1912	1923	rVV	1066864	1689821	91.37%	11.156%
76	13.651	1924	1927	1933	rVB4	5633	8941	0.48%	0.059%
77	13.718	1934	1938	1942	rBV4	2551	3478	0.19%	0.023%
78	13.767	1942	1946	1948	rBV5	1776	2774	0.15%	0.018%
79	13.853	1953	1960	1968	rBV	815743	1356190	73.33%	8.953%
80	14.023	1985	1988	1990	rBV4	1333	1720	0.09%	0.011%
81	14.072	1990	1996	2003	rVB	36590	58601	3.17%	0.387%
82	14.206	2013	2018	2020	rBV3	1342	2469	0.13%	0.016%
83	14.255	2024	2026	2030	rVB4	836	856	0.05%	0.006%
84	14.328	2031	2038	2044	rBV5	15039	27436	1.48%	0.181%
85	14.474	2060	2062	2063	rBV2	622	505	0.03%	0.003%
86	14.493	2063	2065	2066	rVV2	1237	971	0.05%	0.006%
87	14.523	2067	2070	2078	rVB6	3500	5966	0.32%	0.039%
88	14.633	2084	2088	2092	rVB5	1481	2279	0.12%	0.015%
89	14.670	2092	2094	2095	rBV2	732	718	0.04%	0.005%
90	14.724	2100	2103	2110	rVB6	2820	4535	0.25%	0.030%
91	14.791	2110	2114	2118	rBV5	1410	2519	0.14%	0.017%
92	14.974	2138	2144	2146	rVB7	1377	1973	0.11%	0.013%
93	15.011	2146	2150	2151	rBV3	1010	1211	0.07%	0.008%
94	15.084	2157	2162	2164	rBV5	1793	2973	0.16%	0.020%
95	15.182	2174	2178	2185	rVB6	7602	12675	0.69%	0.084%
96	15.371	2207	2209	2212	rBV2	1170	1274	0.07%	0.008%
97	15.438	2212	2220	2225	rVV	19266	34785	1.88%	0.230%
98	15.493	2225	2229	2235	rVV	6938	13084	0.71%	0.086%
99	15.554	2236	2239	2246	rVB6	6078	10433	0.56%	0.069%
100	16.498	2389	2394	2399	rBV	14210	24824	1.34%	0.164%

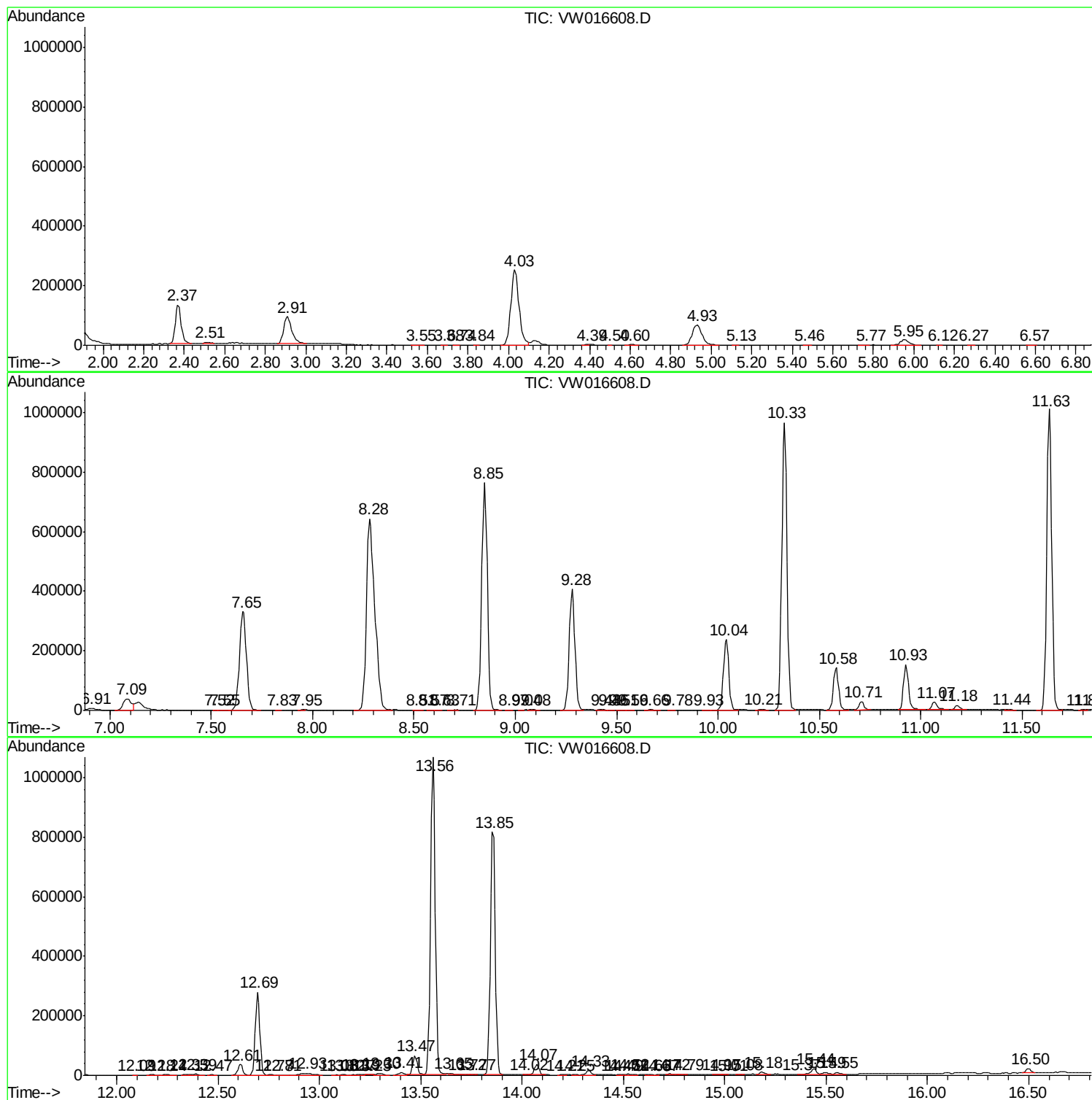
Sum of corrected areas: 15147274

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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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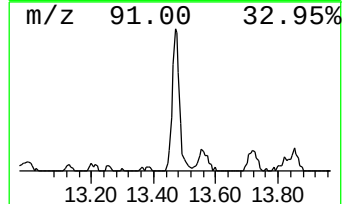
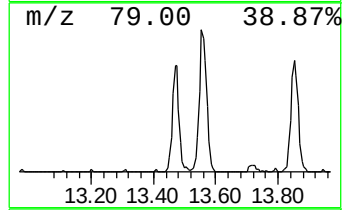
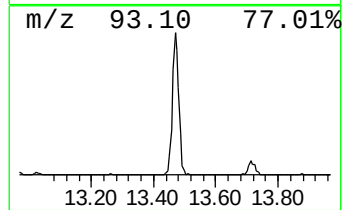
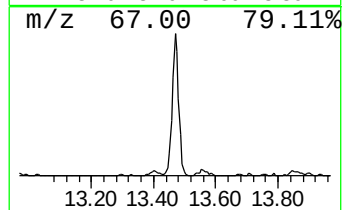
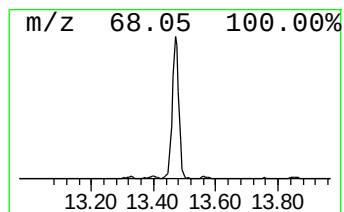
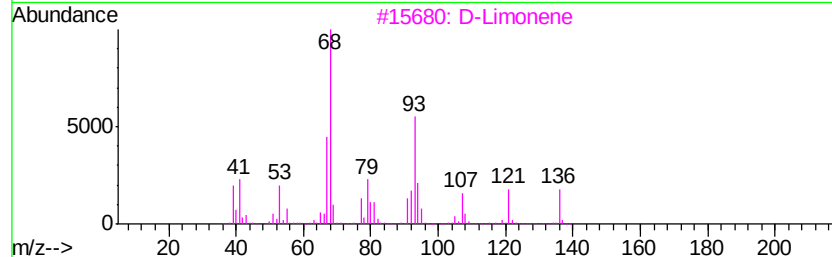
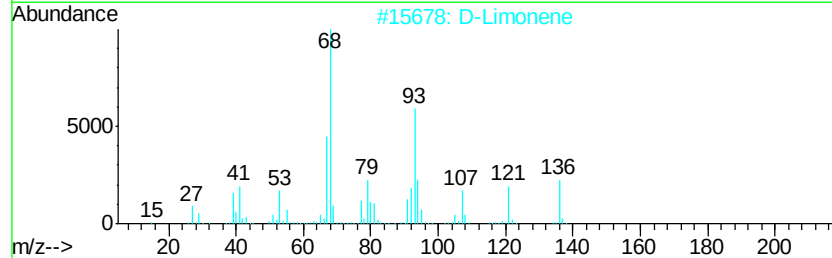
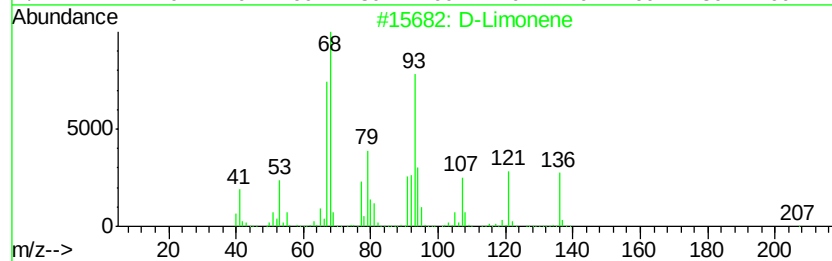
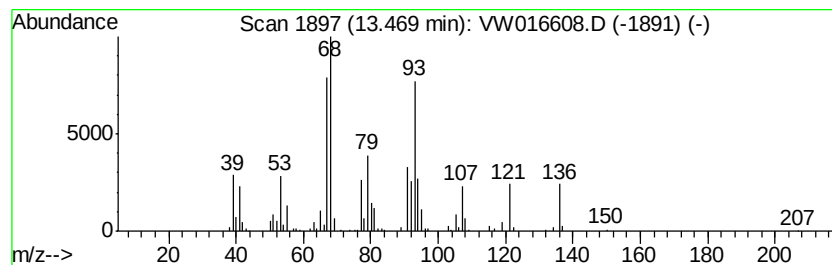
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 D-Limonene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	1.55 ug/L	104450	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	94
5			Limonene	136	C10H16	000138-86-3	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
D-Limonene	13.47	1.6	ug/L	104450	3	13.56	1689820	25.0