

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020620\
 Data File : VW014894.D
 Acq On : 06 Feb 2020 13:44
 Operator : SY/VA
 Sample : L1324-06
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT63

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\SOM2WLM020520S.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	82	rVB	259054	463256	12.72%	1.769%
2	2.891	155	162	174	rVB	213947	513332	14.09%	1.960%
3	3.812	308	313	314	rBV4	792	1304	0.04%	0.005%
4	3.910	325	329	331	rBV4	998	1128	0.03%	0.004%
5	3.934	331	333	335	rBV3	687	930	0.03%	0.004%
6	4.019	335	347	360	rBV	391625	1229534	33.75%	4.695%
7	4.348	399	401	403	rBV3	1166	1093	0.03%	0.004%
8	4.373	403	405	406	rVV2	1157	1037	0.03%	0.004%
9	4.385	406	407	415	rVB4	1715	2645	0.07%	0.010%
10	4.684	455	456	459	rVB2	1433	1105	0.03%	0.004%
11	4.793	470	474	476	rBV4	1150	1584	0.04%	0.006%
12	4.915	484	494	507	rVV2	37112	133390	3.66%	0.509%
13	5.001	507	508	512	rVB4	1559	1667	0.05%	0.006%
14	5.421	573	577	580	rBV3	1040	1925	0.05%	0.007%
15	5.617	607	609	613	rVB3	1149	1444	0.04%	0.006%
16	5.757	628	632	635	rBV4	780	1254	0.03%	0.005%
17	5.934	654	661	671	rVB7	6573	21530	0.59%	0.082%
18	6.110	688	690	695	rVV3	910	1015	0.03%	0.004%
19	6.257	711	714	715	rVB2	977	936	0.03%	0.004%
20	6.653	776	779	781	rBV2	1205	1085	0.03%	0.004%
21	6.714	785	789	792	rVB3	982	1516	0.04%	0.006%
22	6.854	811	812	815	rBV3	1094	909	0.02%	0.003%
23	6.921	820	823	825	rBV3	857	1129	0.03%	0.004%
24	7.074	837	848	854	rBV	74862	225553	6.19%	0.861%
25	7.256	872	878	889	rVB5	4750	15715	0.43%	0.060%
26	7.433	903	907	908	rBV3	756	1018	0.03%	0.004%
27	7.537	920	924	927	rVV3	742	1376	0.04%	0.005%
28	7.641	931	941	956	rVV	620252	1537618	42.20%	5.872%
29	7.891	980	982	984	rVB3	1118	943	0.03%	0.004%
30	7.945	984	991	993	rBV6	2390	4078	0.11%	0.016%
31	8.061	1008	1010	1012	rVB3	1185	982	0.03%	0.004%
32	8.275	1033	1045	1062	rBV2	1278649	3643329	100.00%	13.913%
33	8.390	1062	1064	1069	rVV6	3852	6009	0.16%	0.023%
34	8.433	1069	1071	1073	rVV3	1318	1160	0.03%	0.004%

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 Title : VOC Analysis

35	8.695	1108	1114	1120	rVB7	1726	4145	0.11%	0.016%
36	8.842	1128	1138	1153	rBV	1281982	2484469	68.19%	9.488%
37	9.073	1171	1176	1183	rVB7	5643	12745	0.35%	0.049%
38	9.274	1199	1209	1220	rBV	873783	1802511	49.47%	6.883%
39	9.463	1238	1240	1244	rVB5	1136	1400	0.04%	0.005%
40	9.604	1260	1263	1265	rBV4	1050	1036	0.03%	0.004%
41	9.658	1265	1272	1276	rBV5	6411	12905	0.35%	0.049%
42	9.750	1283	1287	1288	rVB4	1103	1308	0.04%	0.005%
43	9.927	1313	1316	1319	rVB4	1020	1411	0.04%	0.005%
44	10.030	1324	1333	1343	rBV	379693	692180	19.00%	2.643%
45	10.207	1358	1362	1370	rVB3	4528	7543	0.21%	0.029%
46	10.323	1372	1381	1389	rVV	1728865	3022908	82.97%	11.544%
47	10.384	1389	1391	1398	rVV	15066	24161	0.66%	0.092%
48	10.573	1415	1422	1435	rBV	236670	417064	11.45%	1.593%
49	10.701	1435	1443	1453	rVB2	40171	75330	2.07%	0.288%
50	10.859	1463	1469	1473	rBV6	8202	14548	0.40%	0.056%
51	10.920	1473	1479	1492	rBV	291849	509539	13.99%	1.946%
52	11.061	1497	1502	1511	rVB	43991	77912	2.14%	0.298%
53	11.170	1518	1520	1524	rVB5	1996	2711	0.07%	0.010%
54	11.439	1558	1564	1569	rVB2	13434	22672	0.62%	0.087%
55	11.518	1573	1577	1579	rBV4	1034	1572	0.04%	0.006%
56	11.628	1587	1595	1605	rBV	1700094	2850122	78.23%	10.884%
57	11.725	1609	1611	1617	rVV4	7064	11863	0.33%	0.045%
58	11.786	1620	1621	1623	rVV2	1633	1620	0.04%	0.006%
59	11.835	1623	1629	1640	rVB2	10653	26963	0.74%	0.103%
60	12.030	1659	1661	1663	rBV3	1190	1581	0.04%	0.006%
61	12.121	1674	1676	1677	rBV2	1131	957	0.03%	0.004%
62	12.164	1678	1683	1692	rVB5	9776	22940	0.63%	0.088%
63	12.237	1692	1695	1696	rBV3	1536	1231	0.03%	0.005%
64	12.335	1707	1711	1712	rBV3	1394	1586	0.04%	0.006%
65	12.469	1726	1733	1738	rBV10	4846	11156	0.31%	0.043%
66	12.512	1738	1740	1741	rBV2	1713	1375	0.04%	0.005%
67	12.603	1749	1755	1762	rVB	71598	122380	3.36%	0.467%
68	12.688	1762	1769	1777	rBV	464769	775634	21.29%	2.962%
69	12.896	1795	1803	1805	rBV8	6748	14428	0.40%	0.055%
70	12.932	1805	1809	1816	rVB	30361	49753	1.37%	0.190%
71	13.036	1822	1826	1830	rBV7	2349	4170	0.11%	0.016%

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72	13.073	1830	1832	1836	rVV3	2170	2658	0.07%	0.010%
73	13.182	1848	1850	1851	rBV2	1213	1245	0.03%	0.005%
74	13.213	1853	1855	1856	rBV2	1433	1230	0.03%	0.005%
75	13.249	1857	1861	1864	rVV5	6553	10750	0.30%	0.041%
76	13.292	1864	1868	1875	rVB2	17262	31074	0.85%	0.119%
77	13.408	1883	1887	1891	rVB7	4197	6389	0.18%	0.024%
78	13.469	1891	1897	1905	rBV	91516	159282	4.37%	0.608%
79	13.554	1905	1911	1922	rVV	1490007	2414456	66.27%	9.220%
80	13.646	1923	1926	1933	rVB	19939	31773	0.87%	0.121%
81	13.761	1941	1945	1948	rBV6	6328	7577	0.21%	0.029%
82	13.798	1948	1951	1952	rBV3	3709	4415	0.12%	0.017%
83	13.853	1953	1960	1967	rBV	1275955	2102326	57.70%	8.028%
84	14.017	1983	1987	1991	rBV6	5273	9229	0.25%	0.035%
85	14.066	1991	1995	2005	rVB2	33786	61623	1.69%	0.235%
86	14.194	2011	2016	2021	rBV8	4742	9187	0.25%	0.035%
87	14.328	2034	2038	2042	rVB5	7898	10622	0.29%	0.041%
88	14.462	2057	2060	2061	rBV3	3246	3234	0.09%	0.012%
89	14.627	2084	2087	2091	rVB5	3513	4704	0.13%	0.018%
90	14.725	2099	2103	2109	rVB9	5766	9194	0.25%	0.035%
91	14.792	2112	2114	2115	rBV2	2310	1420	0.04%	0.005%
92	15.109	2160	2166	2168	rBV7	1965	3843	0.11%	0.015%
93	15.182	2174	2178	2181	rBV5	3060	4385	0.12%	0.017%
94	15.365	2201	2208	2214	rBV	94843	172935	4.75%	0.660%
95	15.438	2215	2220	2226	rVB	24064	39085	1.07%	0.149%
96	15.767	2271	2274	2277	rBV5	2730	4941	0.14%	0.019%
97	15.846	2283	2287	2291	rBV6	3499	6230	0.17%	0.024%
98	16.438	2376	2384	2394	rBV	41129	89759	2.46%	0.343%
99	16.645	2410	2418	2425	rBV	31087	71523	1.96%	0.273%
100	16.736	2431	2433	2434	rBV2	1866	1281	0.04%	0.005%

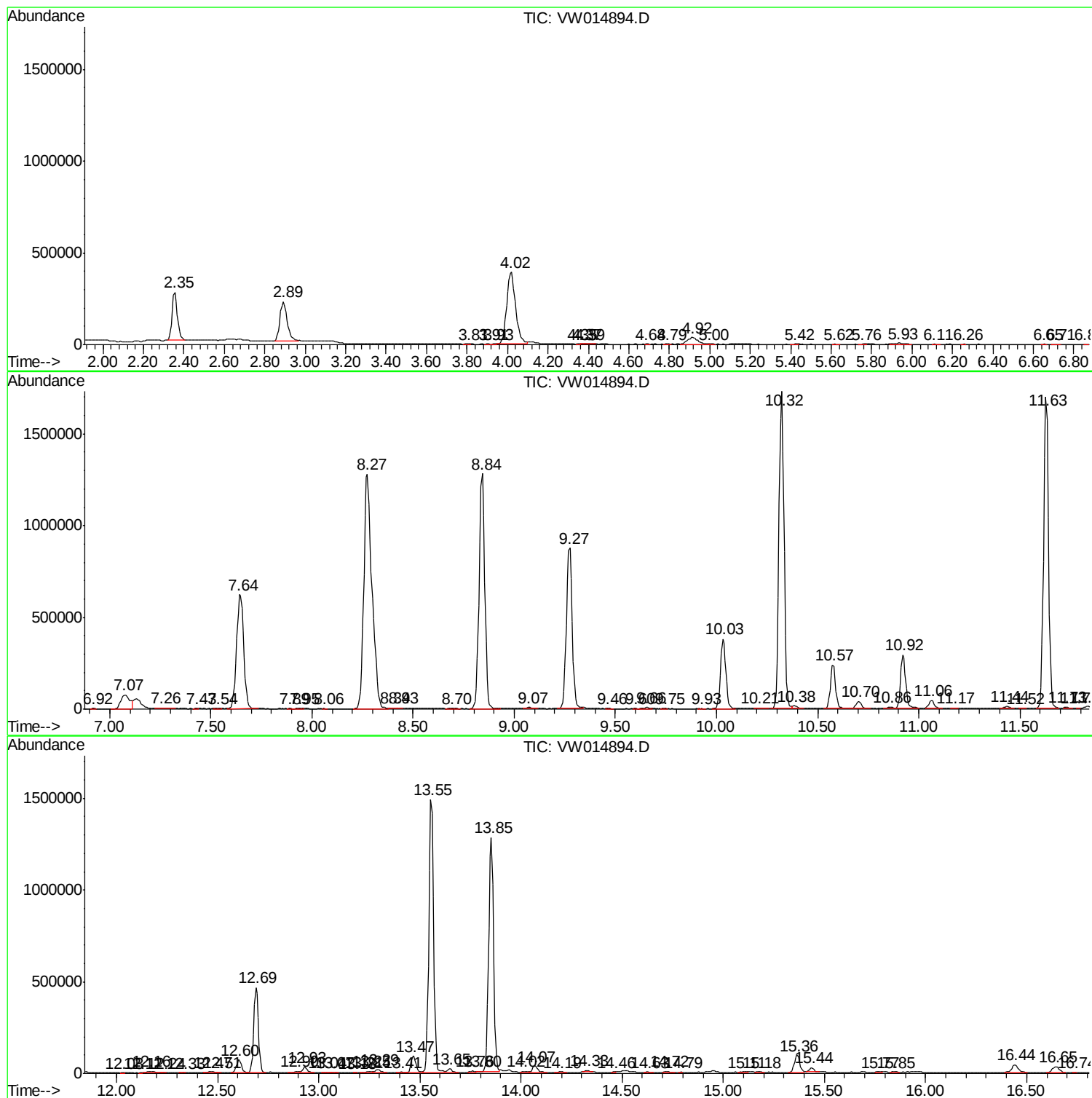
Sum of corrected areas: 26186728

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis

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



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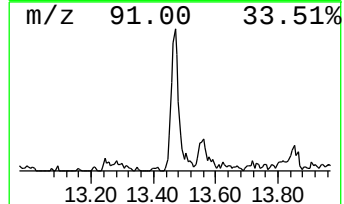
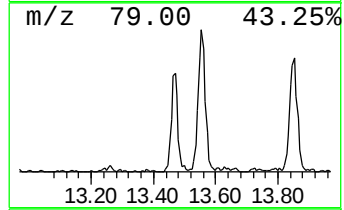
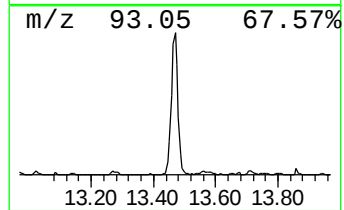
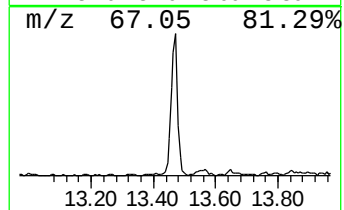
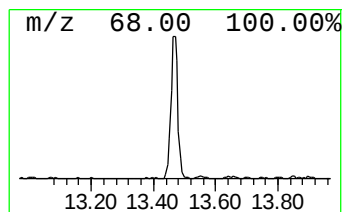
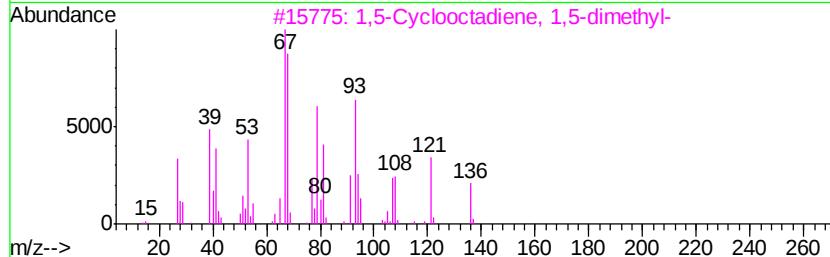
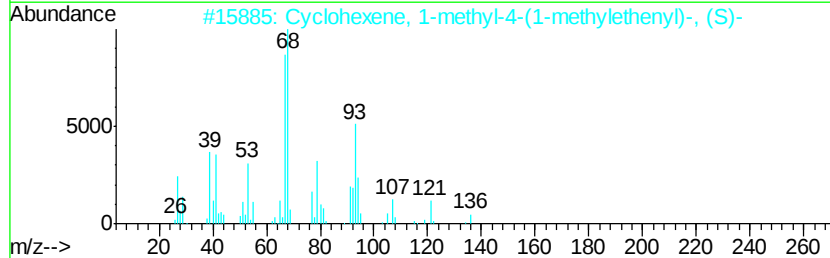
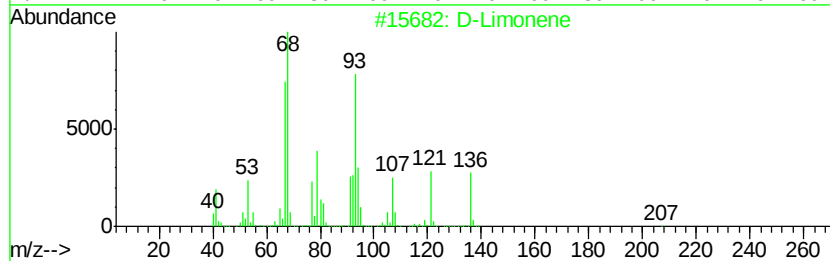
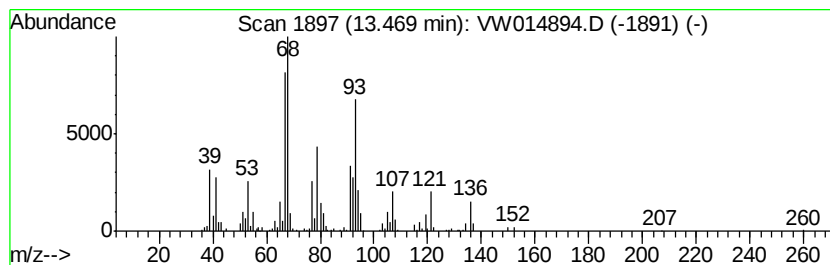
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 D-Limonene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	1.65 ug/L	159282	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Limonene	136	C10H16	005989-27-5	98
2		Cyclohexene, 1-methyl-4-(1-methyl-4-methyl-2-penten-1-yl)-	136	C10H16	005989-54-8	93
3		1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	89
4		D-Limonene	136	C10H16	005989-27-5	68
5		Limonene	136	C10H16	000138-86-3	68



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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	159282	3	13.56	2414460	25.0