LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110320\
Data File : VW017065.D
Acq On : 03 Nov 2020 17:30
Operator : SY/VA
Sample : VIBLK01
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK01

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\SOM2WLM102220S.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	2.184	44	46	47	rBV	1063	794	0.06%	0.008%
2	2.355	68	74	87	rVB	78769	150248	11.88%	1.448%
3	2.514	98	100	103	rBV3	1074	883	0.07%	0.009%
4	2.891	155	162	176	rVB	58413	144463	11.43%	1.393%
5	3.489	253	260	261	rBV4	371	518	0.04%	0.005%
6	4.025	336	348	372	rBV	140237	428123	33.86%	4.127%
7	4.391	398	408	420	rVV	10179	30939	2.45%	0.298%
8	4.477	420	422	424	rVV2	672	691	0.05%	0.007%
9	4.495	424	425	430	rVV2	488	431	0.03%	0.004%
10	4.915	485	494	511	rVB2	8556	30971	2.45%	0.299%
11	5.031	511	513	516	rBV2	235	314	0.02%	0.003%
12	5.098	522	524	525	rBV	421	401	0.03%	0.004%
13	5.629	607	611	612	rBV	298	311	0.02%	0.003%
14	5.745	627	630	635	rVB	284	407	0.03%	0.004%
15	5.940	656	662	663	rBV3	1566	2519	0.20%	0.024%
16	6.653	776	779	783	rVB2	353	479	0.04%	0.005%
17	7.080	839	849	854	rBV	31688	86190	6.82%	0.831%
18	7.311	885	887	890	rBV2	307	342	0.03%	0.003%
19	7.470	912	913	919	rVB3	239	319	0.03%	0.003%
20	7.653	933	943	955	rVV	219349	537564	42.52%	5.182%
21	7.738	955	957	959	rVB	427	330	0.03%	0.003%
22	7.781	960	964	965	rBV2	294	327	0.03%	0.003%
23	7.952	986	992	998	rBV5	916	2061	0.16%	0.020%
24	8.006	1000	1001	1006	rBV	196	311	0.02%	0.003%
25	8.281	1032	1046	1062	rBV2	427458	1264255	100.00%	12.187%
26	8.409	1066	1067	1072	rVB3	702	660	0.05%	0.006%
27	8.689	1109	1113	1114	rBV3	466	525	0.04%	0.005%
28	8.848	1130	1139	1150	rBV	469270	936188	74.05%	9.025%
29	9.006	1163	1165	1168	rVB3	403	373	0.03%	0.004%
30	9.085	1172	1178	1184	rVB6	2348	4656	0.37%	0.045%
31	9.195	1192	1196	1197	rBV	271	367	0.03%	0.004%
32	9.274	1199	1209	1219	rBV	272216	562387	44.48%	5.421%
33	9.488	1242	1244	1247	rVB	344	345	0.03%	0.003%
34	9.665	1270	1273	1274	rBV2	687	650	0.05%	0.006%

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Instrument : MSVOA_W
ClientSampleId : VIBLK01

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Title : VOC Analysis

35	9.762	1282	1289	1295	rBV4	2195	4577	0.36%	0.044%
36	9.896	1303	1311	1318	rBV3	6030	12557	0.99%	0.121%
37	10.037	1322	1334	1345	rBV	147319	270109	21.37%	2.604%
38	10.128	1348	1349	1353	rVB3	508	623	0.05%	0.006%
39	10.213	1358	1363	1366	rBV3	4207	7232	0.57%	0.070%
40	10.250	1366	1369	1374	rVB3	2972	4532	0.36%	0.044%
41	10.329	1374	1382	1390	rBV	627900	1111029	87.88%	10.710%
42	10.579	1415	1423	1434	rBV	92241	160394	12.69%	1.546%
43	10.707	1436	1444	1452	rVV2	46441	85214	6.74%	0.821%
44	10.774	1452	1455	1462	rVB4	1552	2008	0.16%	0.019%
45	10.866	1462	1470	1475	rBV	73393	131473	10.40%	1.267%
46	10.927	1475	1480	1493	rVV	123484	208239	16.47%	2.007%
47	11.067	1497	1503	1511	rVV2	12277	21527	1.70%	0.208%
48	11.177	1517	1521	1527	rVB4	3659	6307	0.50%	0.061%
49	11.439	1554	1564	1570	rVB	39033	67421	5.33%	0.650%
50	11.634	1587	1596	1610	rBV	672171	1130642	89.43%	10.899%
51	11.835	1627	1629	1632	rVV4	529	677	0.05%	0.007%
52	11.884	1632	1637	1639	rVB5	1159	1995	0.16%	0.019%
53	11.920	1641	1643	1644	rBV	451	359	0.03%	0.003%
54	12.176	1680	1685	1689	rVB4	876	1527	0.12%	0.015%
55	12.243	1694	1696	1699	rVB2	286	309	0.02%	0.003%
56	12.280	1699	1702	1705	rVB3	338	418	0.03%	0.004%
57	12.371	1715	1717	1721	rVB4	750	738	0.06%	0.007%
58	12.469	1728	1733	1739	rVB4	2610	3818	0.30%	0.037%
59	12.609	1749	1756	1763	rBV	124184	204330	16.16%	1.970%
60	12.695	1763	1770	1778	rVB	232428	375514	29.70%	3.620%
61	12.756	1778	1780	1783	rBV3	653	652	0.05%	0.006%
62	12.859	1795	1797	1800	rVB2	384	361	0.03%	0.003%
63	12.932	1804	1809	1812	rBV	9315	14831	1.17%	0.143%
64	13.042	1821	1827	1830	rBV5	2376	4127	0.33%	0.040%
65	13.079	1830	1833	1839	rVB3	2451	3433	0.27%	0.033%
66	13.170	1845	1848	1849	rBV	313	364	0.03%	0.004%
67	13.195	1849	1852	1857	rBV6	1574	2512	0.20%	0.024%
68	13.298	1863	1869	1877	rVB	19534	31017	2.45%	0.299%
69	13.414	1877	1888	1891	rBV4	3069	6719	0.53%	0.065%
70	13.469	1891	1897	1902	rBV	50716	82643	6.54%	0.797%
71	13.560	1905	1912	1925	rVB	698387	1106043	87.49%	10.662%

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Instrument : MSVOA_W
ClientSampleId : VIBLK01

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

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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Title : VOC Analysis

72	13.707	1934	1936	1939	rVB3	338	318	0.03%	0.003%
73	13.761	1941	1945	1948	rBV3	5240	8077	0.64%	0.078%
74	13.798	1948	1951	1953	rBV2	2148	2069	0.16%	0.020%
75	13.853	1953	1960	1967	rBV	592782	950901	75.21%	9.166%
76	13.950	1973	1976	1982	rVB6	3204	5168	0.41%	0.050%
77	14.018	1982	1987	1990	rVV3	2294	3377	0.27%	0.033%
78	14.072	1990	1996	2007	rVB2	54046	85986	6.80%	0.829%
79	14.200	2013	2017	2022	rVB5	1686	2688	0.21%	0.026%
80	14.328	2029	2038	2041	rBV5	2278	6127	0.48%	0.059%
81	14.359	2041	2043	2047	rVB3	1672	2023	0.16%	0.020%
82	14.530	2068	2071	2076	rVV5	1127	1736	0.14%	0.017%
83	14.633	2084	2088	2089	rBV3	550	690	0.05%	0.007%
84	14.694	2093	2098	2099	rBV4	746	843	0.07%	0.008%
85	14.731	2099	2104	2108	rVV3	2649	3852	0.30%	0.037%
86	14.792	2112	2114	2116	rVB2	556	388	0.03%	0.004%
87	14.908	2129	2133	2134	rVB2	347	405	0.03%	0.004%
88	14.932	2134	2137	2139	rBV3	431	485	0.04%	0.005%
89	15.030	2151	2153	2155	rBV3	547	427	0.03%	0.004%
90	15.097	2160	2164	2165	rBV2	1159	1201	0.09%	0.012%
91	15.334	2200	2203	2205	rBV2	342	400	0.03%	0.004%
92	15.359	2205	2207	2208	rBV2	439	322	0.03%	0.003%
93	15.438	2213	2220	2225	rVV2	15153	27027	2.14%	0.261%
94	15.499	2225	2230	2234	rVV	3154	5762	0.46%	0.056%
95	15.536	2234	2236	2238	rVB3	555	605	0.05%	0.006%
96	15.688	2259	2261	2268	rVB7	1387	2331	0.18%	0.022%
97	15.773	2268	2275	2276	rBV5	1386	2291	0.18%	0.022%
98	15.956	2303	2305	2308	rBV5	858	782	0.06%	0.008%
99	16.334	2366	2367	2369	rVB2	522	331	0.03%	0.003%
100	16.755	2433	2436	2438	rVB3	523	488	0.04%	0.005%

Sum of corrected areas: 10373713

LSC Report - Integrated Chromatogram

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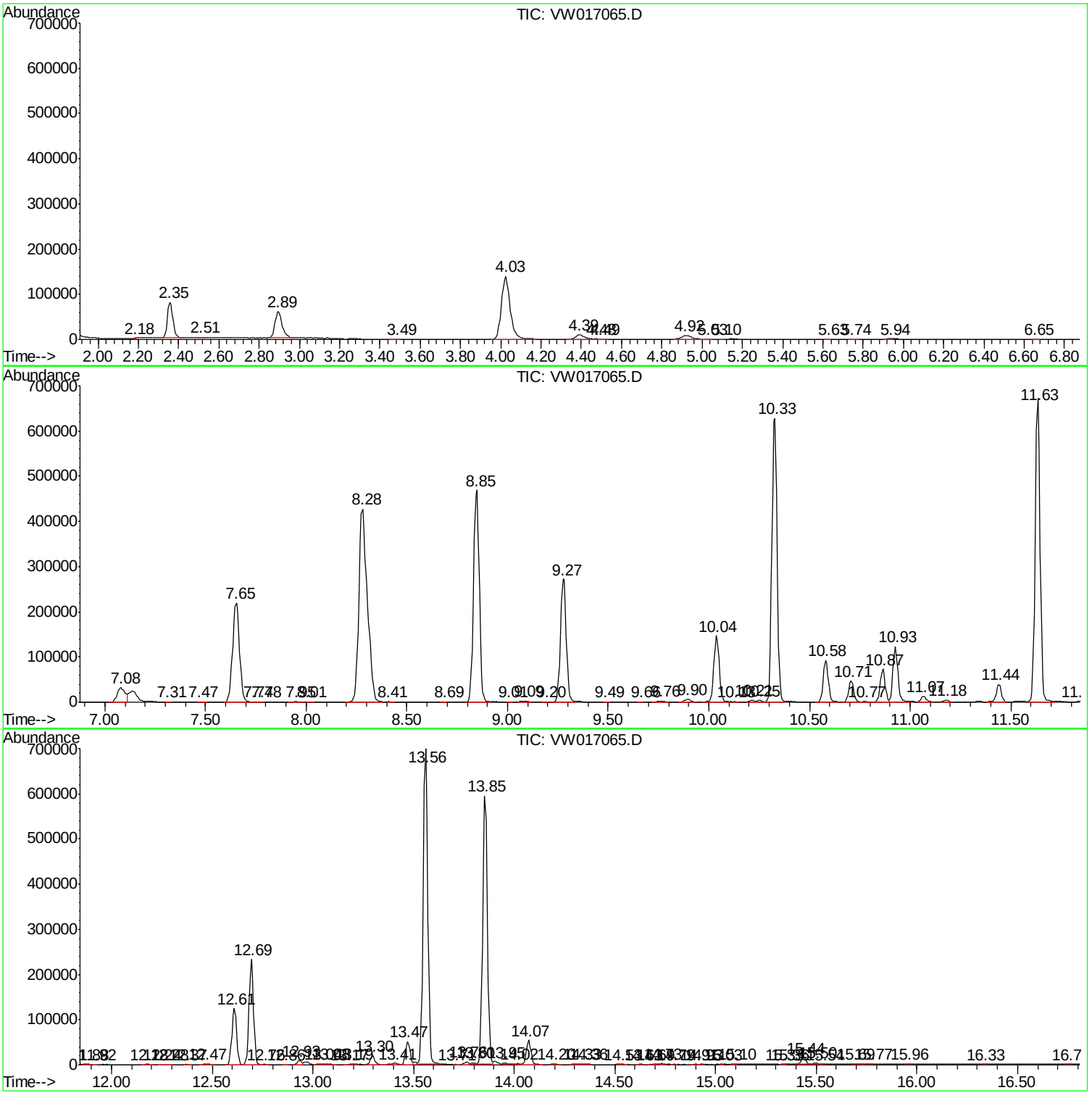
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110320\
Data File : VW017065.D
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Operator : SY/VA
Sample : VIBLK01
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis

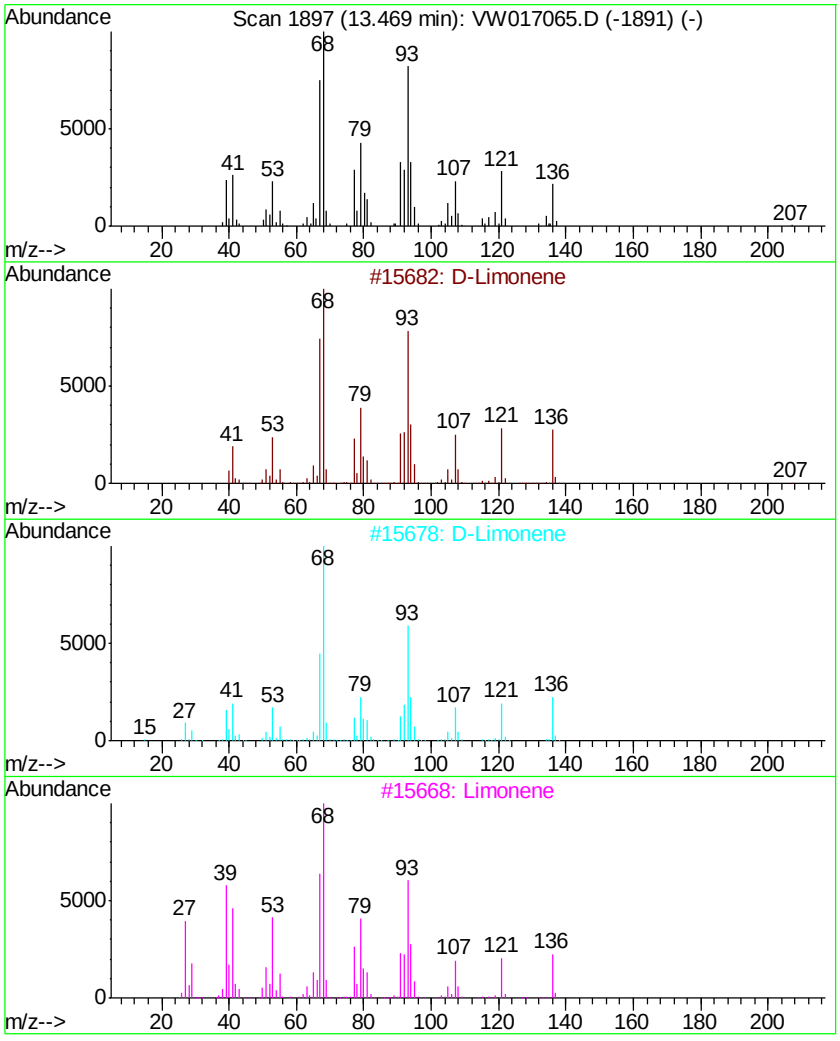
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

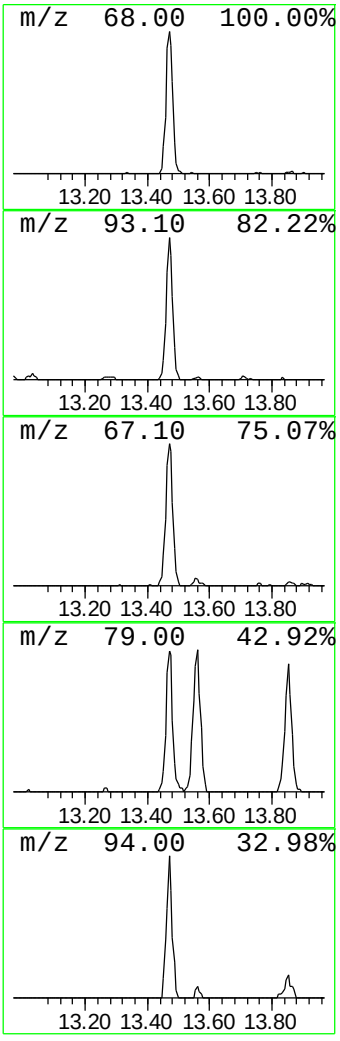
****

Peak Number 5 D-Limonene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	1.87 ug/L	82643	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	97
2	D-Limonene	136	C10H16	005989-27-5	94
3	Limonene	136	C10H16	000138-86-3	94
4	Limonene	136	C10H16	000138-86-3	94
5	D-Limonene	136	C10H16	005989-27-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110320\
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Quant Title : VOC Analysis

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
D-Limonene	13.47	1.9	ug/L	82643	3	13.56	1106040	25.0