

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121619\
 Data File : VW014367.D
 Acq On : 16 Dec 2019 14:29
 Operator : SY/VA
 Sample : K6322-07RE
 Misc : 4.17G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0C41RE

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\SOM2WLM120519S.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	1.959	6	9	15	rVB3	8361	12650	0.38%	0.057%
2	2.148	36	40	44	rBV	12238	22597	0.67%	0.101%
3	2.349	67	73	84	rBV	271328	483213	14.38%	2.168%
4	2.885	154	161	176	rVB	173040	452126	13.45%	2.028%
5	3.251	219	221	223	rVB2	1218	900	0.03%	0.004%
6	3.306	228	230	233	rBV3	1366	1702	0.05%	0.008%
7	3.544	267	269	271	rVB3	1281	1216	0.04%	0.005%
8	3.678	290	291	294	rBV3	1123	969	0.03%	0.004%
9	3.843	314	318	319	rBV3	764	1015	0.03%	0.005%
10	3.891	325	326	328	rBV2	954	757	0.02%	0.003%
11	3.910	328	329	333	rVB3	879	866	0.03%	0.004%
12	4.013	333	346	371	rBV	362857	1206658	35.91%	5.413%
13	4.312	392	395	397	rVB4	768	821	0.02%	0.004%
14	4.361	400	403	405	rBV2	1329	1492	0.04%	0.007%
15	4.379	405	406	408	rBV2	2059	2103	0.06%	0.009%
16	4.605	441	443	448	rBV5	716	992	0.03%	0.004%
17	4.690	454	457	458	rVB3	923	759	0.02%	0.003%
18	4.836	476	481	483	rVV4	897	1443	0.04%	0.006%
19	4.916	483	494	507	rVV2	29986	114642	3.41%	0.514%
20	5.007	507	509	513	rVV3	1623	2052	0.06%	0.009%
21	5.092	522	523	525	rVV2	988	907	0.03%	0.004%
22	5.117	525	527	530	rVV3	1492	2213	0.07%	0.010%
23	5.172	532	536	542	rVV5	1933	4805	0.14%	0.022%
24	5.373	566	569	573	rBV3	1008	1917	0.06%	0.009%
25	5.775	630	635	638	rBV3	1027	1476	0.04%	0.007%
26	5.928	652	660	661	rBV4	7301	12411	0.37%	0.056%
27	6.165	695	699	703	rVB2	672	936	0.03%	0.004%
28	6.287	716	719	720	rBV	743	752	0.02%	0.003%
29	6.427	739	742	746	rBV4	627	797	0.02%	0.004%
30	6.842	804	810	813	rBV4	1119	1487	0.04%	0.007%
31	7.074	839	848	852	rBV	81995	210912	6.28%	0.946%
32	7.409	900	903	905	rBV3	531	813	0.02%	0.004%
33	7.439	906	908	910	rVV2	1424	885	0.03%	0.004%
34	7.507	916	919	920	rBV2	660	761	0.02%	0.003%

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 Title : VOC Analysis

35	7.531	922	923	928	rVB4	1266	1314	0.04%	0.006%
36	7.641	931	941	954	rVV	571355	1403988	41.78%	6.299%
37	7.769	961	962	966	rVB4	809	738	0.02%	0.003%
38	7.811	966	969	971	rVB2	926	823	0.02%	0.004%
39	7.854	973	976	978	rBV3	1220	1405	0.04%	0.006%
40	7.946	984	991	998	rVB8	3127	7872	0.23%	0.035%
41	8.013	998	1002	1004	rVB3	829	1062	0.03%	0.005%
42	8.049	1004	1008	1010	rBV3	778	1396	0.04%	0.006%
43	8.275	1032	1045	1062	rBV2	1148163	3360337	100.00%	15.075%
44	8.470	1074	1077	1082	rVB6	1312	2043	0.06%	0.009%
45	8.512	1082	1084	1086	rBV3	691	847	0.03%	0.004%
46	8.598	1095	1098	1099	rBV2	1041	918	0.03%	0.004%
47	8.677	1106	1111	1112	rBV4	1357	1617	0.05%	0.007%
48	8.836	1127	1137	1152	rBV	1217099	2463339	73.31%	11.051%
49	9.079	1168	1177	1184	rVB10	6511	17163	0.51%	0.077%
50	9.268	1199	1208	1219	rBV	776975	1604713	47.75%	7.199%
51	9.433	1234	1235	1237	rBV2	897	757	0.02%	0.003%
52	9.470	1239	1241	1245	rVB4	1162	1599	0.05%	0.007%
53	9.646	1267	1270	1271	rBV3	1476	1667	0.05%	0.007%
54	9.866	1301	1306	1308	rBV3	693	957	0.03%	0.004%
55	10.030	1323	1333	1343	rBV	343651	625655	18.62%	2.807%
56	10.213	1358	1363	1369	rVB4	4774	8290	0.25%	0.037%
57	10.262	1369	1371	1372	rBV2	1112	1090	0.03%	0.005%
58	10.323	1373	1381	1389	rBV	1487346	2607432	77.59%	11.698%
59	10.573	1414	1422	1434	rBV	204900	368456	10.96%	1.653%
60	10.701	1437	1443	1450	rVB2	18600	35390	1.05%	0.159%
61	10.847	1465	1467	1472	rVB6	1961	3215	0.10%	0.014%
62	10.921	1472	1479	1496	rBV	325772	599795	17.85%	2.691%
63	11.061	1498	1502	1513	rVB3	16335	32106	0.96%	0.144%
64	11.323	1542	1545	1548	rBV5	1128	1675	0.05%	0.008%
65	11.384	1553	1555	1557	rBV3	1099	1269	0.04%	0.006%
66	11.433	1559	1563	1570	rVB2	9350	16400	0.49%	0.074%
67	11.536	1578	1580	1583	rBV4	793	842	0.03%	0.004%
68	11.628	1587	1595	1607	rBV	1444253	2440473	72.63%	10.949%
69	11.725	1607	1611	1617	rVB7	3519	7023	0.21%	0.032%
70	11.835	1626	1629	1634	rBV5	3405	4290	0.13%	0.019%
71	12.134	1671	1678	1679	rBV6	5350	8618	0.26%	0.039%

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72	12.170	1682	1684	1685	rVV2	3788	2800	0.08%	0.013%
73	12.250	1694	1697	1701	rVB5	4722	6326	0.19%	0.028%
74	12.432	1724	1727	1728	rBV2	1789	1925	0.06%	0.009%
75	12.451	1728	1730	1731	rVV2	1469	1026	0.03%	0.005%
76	12.536	1740	1744	1750	rVB6	4011	7499	0.22%	0.034%
77	12.603	1750	1755	1761	rBV	48022	83012	2.47%	0.372%
78	12.689	1762	1769	1777	rBV	500435	816659	24.30%	3.664%
79	12.762	1777	1781	1783	rBV4	5873	9537	0.28%	0.043%
80	12.865	1791	1798	1801	rBV8	4658	10950	0.33%	0.049%
81	12.938	1804	1810	1815	rBV5	16621	33808	1.01%	0.152%
82	13.079	1829	1833	1836	rBV6	4987	7669	0.23%	0.034%
83	13.164	1843	1847	1854	rVB5	10989	18717	0.56%	0.084%
84	13.292	1865	1868	1873	rVB4	9091	11405	0.34%	0.051%
85	13.469	1889	1897	1904	rBV4	52933	103208	3.07%	0.463%
86	13.554	1905	1911	1919	rVB	922208	1466608	43.64%	6.580%
87	13.798	1949	1951	1952	rBV2	3229	2494	0.07%	0.011%
88	13.853	1953	1960	1973	rVV	799475	1327303	39.50%	5.955%
89	14.024	1984	1988	1991	rBV6	4693	10480	0.31%	0.047%
90	14.066	1991	1995	2011	rVB	35975	79038	2.35%	0.355%
91	14.200	2013	2017	2022	rVB6	6999	10754	0.32%	0.048%
92	14.328	2034	2038	2043	rBV7	9332	15850	0.47%	0.071%
93	14.908	2131	2133	2134	rBV2	1869	1675	0.05%	0.008%
94	15.170	2174	2176	2181	rVB6	2774	3338	0.10%	0.015%
95	15.341	2202	2204	2205	rBV2	1398	904	0.03%	0.004%
96	15.438	2214	2220	2225	rVB	34345	59367	1.77%	0.266%
97	15.694	2258	2262	2265	rVB6	2659	3930	0.12%	0.018%
98	15.767	2271	2274	2276	rBV4	3162	3840	0.11%	0.017%
99	16.255	2352	2354	2357	rVB3	2017	1785	0.05%	0.008%
100	16.285	2357	2359	2361	rBV3	1801	1888	0.06%	0.008%

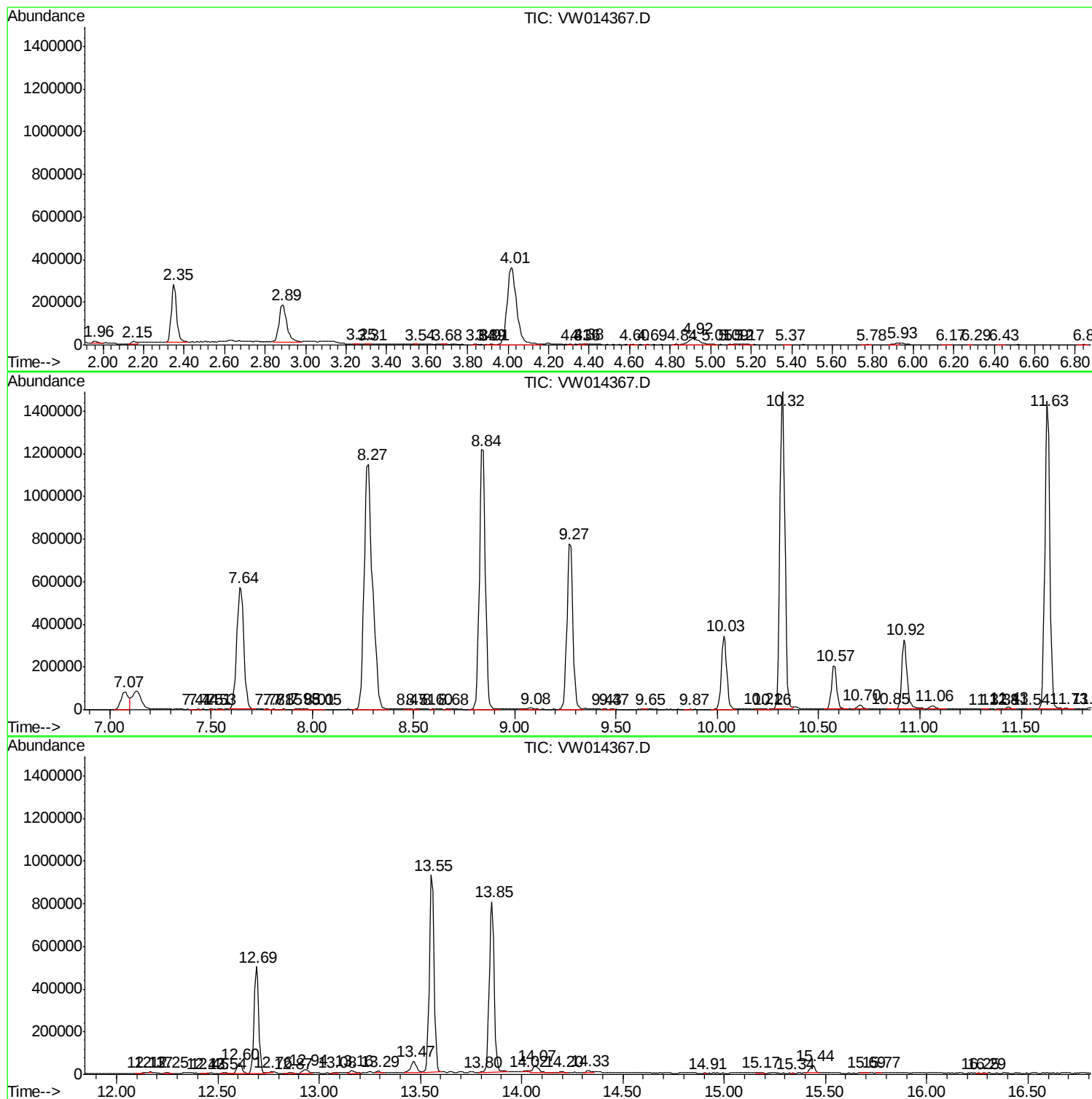
Sum of corrected areas: 22290414

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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



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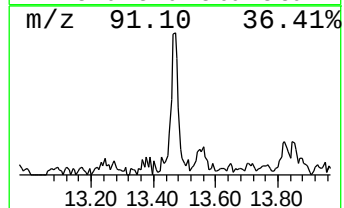
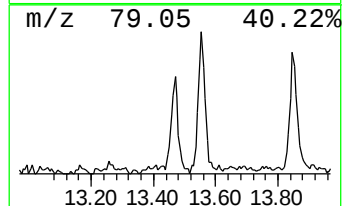
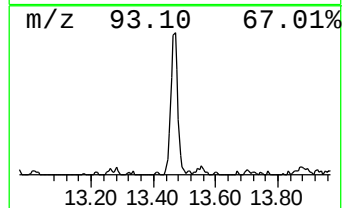
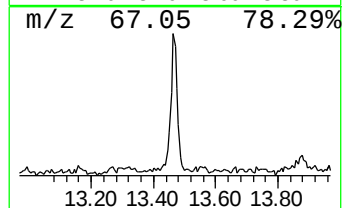
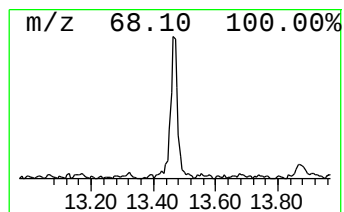
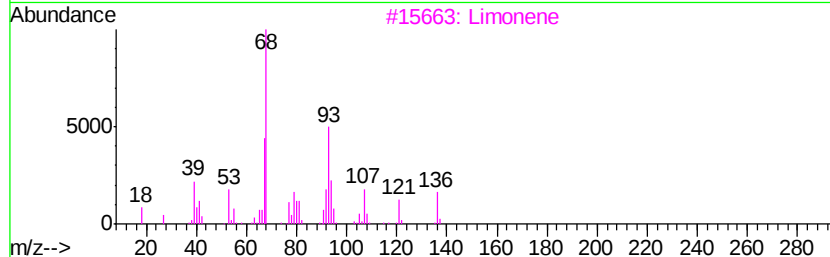
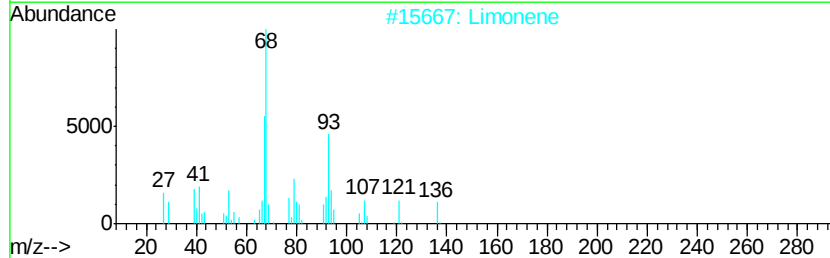
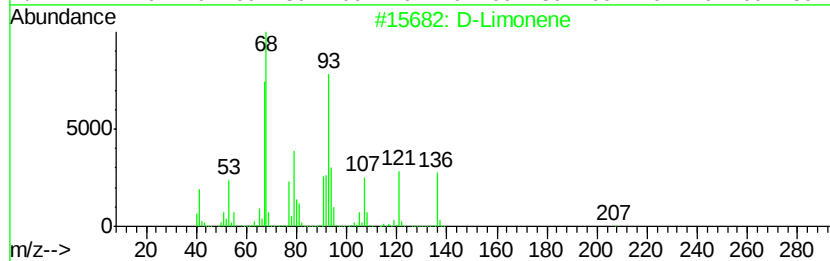
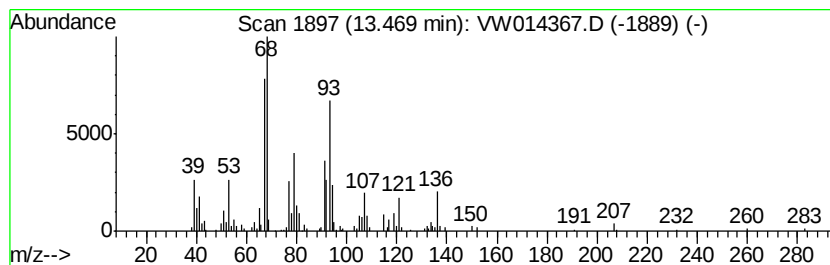
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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

Peak Number 3 D-Limonene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	1.76 ug/L	103208	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Limonene	136	C10H16	005989-27-5	94
2		Limonene	136	C10H16	000138-86-3	90
3		Limonene	136	C10H16	000138-86-3	76
4		D-Limonene	136	C10H16	005989-27-5	76
5		D-Limonene	136	C10H16	005989-27-5	76



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
D-Limonene	13.47	1.8 ug/L		103208	3	13.55	1466610	25.0