

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
 Data File : VW009514.D
 Acq On : 27 Mar 2019 22:16
 Operator : SY/VA
 Sample : K2068-06RE
 Misc : 4.91G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5M8RE

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\SOM2WLM031419S.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	2.154	37	41	46	rBV2	13041	26806	2.87%	0.464%
2	2.355	70	74	89	rVB	52647	124759	13.34%	2.160%
3	4.013	334	346	359	rBV2	95951	314248	33.60%	5.440%
4	4.763	467	469	470	rBV2	1359	1207	0.13%	0.021%
5	4.781	470	472	473	rVB	2255	1259	0.13%	0.022%
6	4.909	484	493	511	rVB4	23161	96821	10.35%	1.676%
7	5.080	516	521	522	rBV	1897	2924	0.31%	0.051%
8	5.202	537	541	543	rBV2	1653	2649	0.28%	0.046%
9	5.238	545	547	549	rBV2	1122	1048	0.11%	0.018%
10	5.391	571	572	574	rVB	2385	1627	0.17%	0.028%
11	5.470	583	585	586	rVB	1889	1000	0.11%	0.017%
12	5.482	586	587	589	rBV	2525	1657	0.18%	0.029%
13	5.531	594	595	596	rBV	1590	868	0.09%	0.015%
14	5.592	603	605	607	rBV	916	1173	0.13%	0.020%
15	5.659	614	616	618	rVB	1677	1219	0.13%	0.021%
16	5.702	622	623	625	rBV	2109	1633	0.17%	0.028%
17	5.769	628	634	635	rBV4	10165	16293	1.74%	0.282%
18	5.872	648	651	652	rBV2	1621	1708	0.18%	0.030%
19	5.921	652	659	660	rBV	10546	15651	1.67%	0.271%
20	6.037	676	678	680	rBV	1410	985	0.11%	0.017%
21	6.061	680	682	684	rBV	1504	1269	0.14%	0.022%
22	6.275	715	717	720	rBV	2243	1294	0.14%	0.022%
23	6.330	724	726	729	rVB2	1704	1319	0.14%	0.023%
24	6.366	729	732	733	rBV	988	1197	0.13%	0.021%
25	6.427	737	742	745	rBV3	2181	3780	0.40%	0.065%
26	6.458	745	747	750	rBV	2353	2331	0.25%	0.040%
27	6.561	762	764	767	rBV	1551	1501	0.16%	0.026%
28	6.671	780	782	784	rVB2	1545	1290	0.14%	0.022%
29	6.738	792	793	794	rBV	2385	1274	0.14%	0.022%
30	6.775	798	799	802	rBV2	1272	1446	0.15%	0.025%
31	6.933	823	825	827	rBV	1121	1126	0.12%	0.019%
32	6.958	827	829	831	rBV2	1261	1133	0.12%	0.020%
33	6.982	831	833	834	rVB	1765	1130	0.12%	0.020%
34	7.006	834	837	839	rBV2	1863	2616	0.28%	0.045%

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 Title : VOC Analysis

35	7.080	845	849	853	rBV3	8988	21176	2.26%	0.367%
36	7.311	885	887	889	rVB2	1503	1136	0.12%	0.020%
37	7.336	889	891	893	rBV2	1545	1542	0.16%	0.027%
38	7.384	897	899	901	rVB2	1573	1338	0.14%	0.023%
39	7.409	901	903	904	rBV	2562	2075	0.22%	0.036%
40	7.488	914	916	918	rBV	2266	1188	0.13%	0.021%
41	7.640	931	941	952	rBV	180971	464086	49.62%	8.034%
42	7.805	966	968	970	rBV2	1643	1259	0.13%	0.022%
43	8.037	1004	1006	1007	rBV	1191	908	0.10%	0.016%
44	8.079	1011	1013	1017	rVB	2534	3663	0.39%	0.063%
45	8.110	1017	1018	1019	rBV	2791	1319	0.14%	0.023%
46	8.183	1029	1030	1031	rBV	1990	1119	0.12%	0.019%
47	8.274	1036	1045	1059	rBV2	299698	935223	100.00%	16.189%
48	8.610	1098	1100	1102	rBV2	2071	2280	0.24%	0.039%
49	8.652	1106	1107	1109	rBV	1352	1116	0.12%	0.019%
50	8.841	1129	1138	1148	rBV	308950	610564	65.29%	10.569%
51	9.171	1188	1192	1193	rBV	1816	2068	0.22%	0.036%
52	9.274	1200	1209	1217	rBV	239257	481910	51.53%	8.342%
53	9.475	1240	1242	1246	rVB	2065	1772	0.19%	0.031%
54	9.597	1259	1262	1263	rBV	1556	1801	0.19%	0.031%
55	9.695	1275	1278	1280	rBV	1558	2063	0.22%	0.036%
56	9.896	1305	1311	1312	rBV3	4325	6019	0.64%	0.104%
57	10.030	1326	1333	1339	rBV2	39731	78850	8.43%	1.365%
58	10.128	1344	1349	1356	rBV3	10860	24071	2.57%	0.417%
59	10.323	1374	1381	1388	rBV	330866	567938	60.73%	9.831%
60	10.481	1404	1407	1408	rBV	2271	2197	0.23%	0.038%
61	10.579	1417	1423	1431	rVB2	30641	59233	6.33%	1.025%
62	10.744	1448	1450	1451	rBV	2634	1314	0.14%	0.023%
63	10.957	1475	1485	1497	rVB6	59065	187264	20.02%	3.242%
64	11.176	1519	1521	1522	rVB2	2450	1346	0.14%	0.023%
65	11.634	1589	1596	1604	rBV	336868	583042	62.34%	10.093%
66	12.365	1714	1716	1721	rVB2	2765	4229	0.45%	0.073%
67	12.408	1721	1723	1724	rBV	1307	881	0.09%	0.015%
68	12.457	1729	1731	1733	rVV	2520	2323	0.25%	0.040%
69	12.493	1736	1737	1740	rVB	2470	1778	0.19%	0.031%
70	12.615	1748	1757	1761	rBV5	10188	21963	2.35%	0.380%
71	12.694	1761	1770	1780	rVV	181333	313441	33.52%	5.426%

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72	12.914	1804	1806	1807	rBV	1912	1565	0.17%	0.027%
73	12.975	1814	1816	1817	rVB	2305	1097	0.12%	0.019%
74	12.993	1817	1819	1822	rBV2	1673	1531	0.16%	0.027%
75	13.079	1829	1833	1838	rBV6	7492	12319	1.32%	0.213%
76	13.414	1883	1888	1893	rVB5	4133	5213	0.56%	0.090%
77	13.475	1893	1898	1902	rBV	22023	34658	3.71%	0.600%
78	13.560	1906	1912	1918	rVV	203635	322507	34.48%	5.583%
79	13.694	1931	1934	1935	rBV3	1982	1638	0.18%	0.028%
80	13.743	1940	1942	1943	rBV2	1791	1596	0.17%	0.028%
81	13.761	1943	1945	1947	rBV2	2780	2233	0.24%	0.039%
82	13.859	1954	1961	1967	rBV	176555	297873	31.85%	5.156%
83	13.950	1975	1976	1977	rBV	2836	1207	0.13%	0.021%
84	14.042	1989	1991	1993	rBV	1663	1532	0.16%	0.027%
85	14.078	1993	1997	2000	rVV	6192	8542	0.91%	0.148%
86	14.151	2007	2009	2013	rBV	2560	3551	0.38%	0.061%
87	14.206	2016	2018	2019	rBV2	1642	1356	0.14%	0.023%
88	14.438	2055	2056	2057	rBV	1802	918	0.10%	0.016%
89	14.694	2096	2098	2100	rBV	2194	1569	0.17%	0.027%
90	14.938	2135	2138	2140	rBV2	2123	2624	0.28%	0.045%
91	15.084	2160	2162	2165	rVB2	1820	1357	0.15%	0.023%
92	15.359	2206	2207	2208	rBV	1939	857	0.09%	0.015%
93	15.413	2214	2216	2218	rBV2	2926	2996	0.32%	0.052%
94	15.505	2226	2231	2234	rBV2	7094	13921	1.49%	0.241%
95	16.102	2327	2329	2333	rVB3	2252	3132	0.33%	0.054%
96	16.163	2336	2339	2340	rBV	1852	1665	0.18%	0.029%
97	16.279	2356	2358	2359	rBV	2591	1744	0.19%	0.030%
98	16.511	2391	2396	2397	rBV2	1987	3179	0.34%	0.055%
99	16.730	2429	2432	2433	rBV	2680	2971	0.32%	0.051%
100	16.773	2435	2439	2440	rBV3	6606	7640	0.82%	0.132%

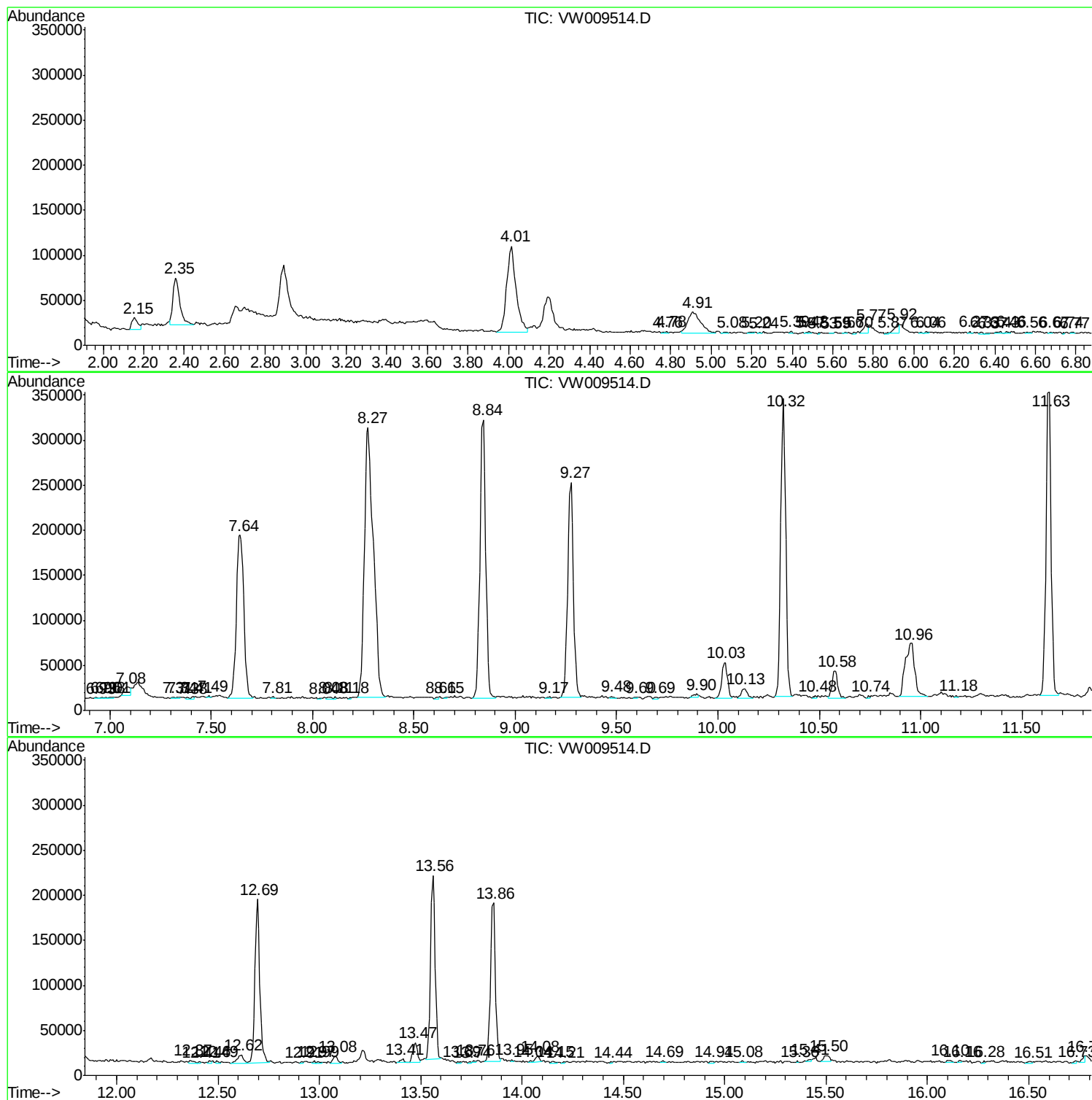
Sum of corrected areas: 5776727

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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



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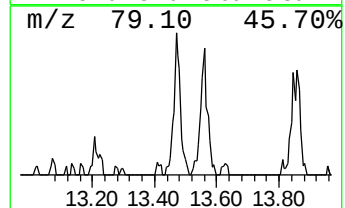
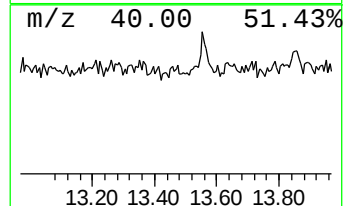
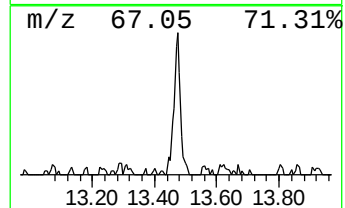
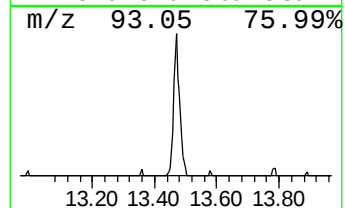
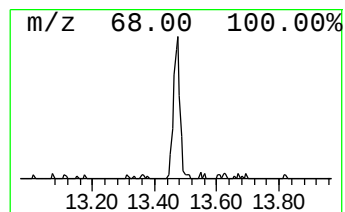
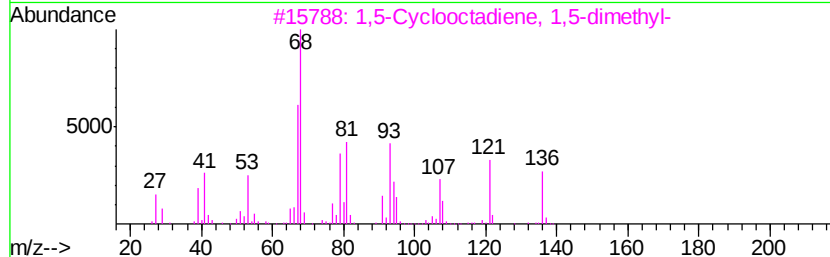
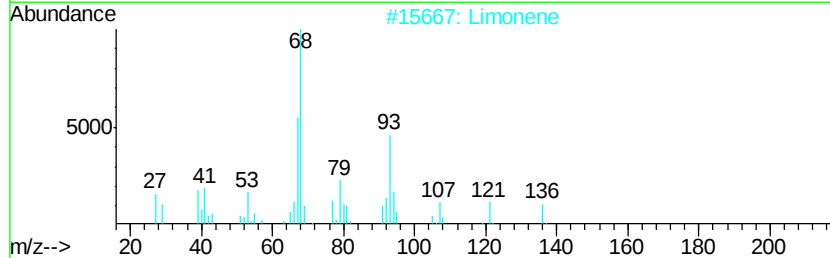
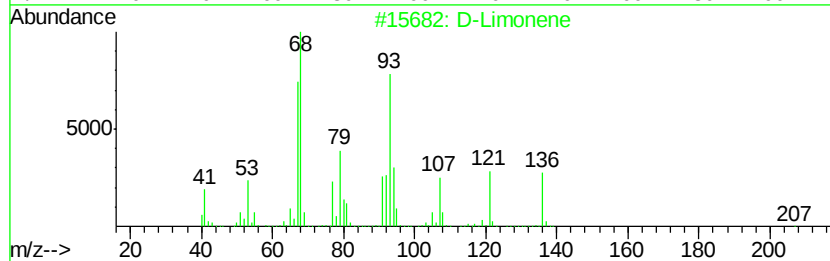
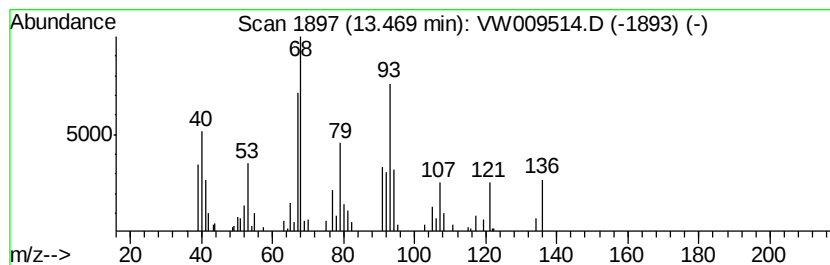
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 D-Limonene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	2.69 ug/L	34658	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Limonene	136	C10H16	005989-27-5	90
2		Limonene	136	C10H16	000138-86-3	83
3		1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	81
4		Cyclohexene, 4-ethenyl-1,4-dimet...	136	C10H16	001743-61-9	76
5		Limonene	136	C10H16	000138-86-3	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
D-Limonene	13.47	2.7	ug/L	34658	3	13.56	322507	25.0