

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122018\
 Data File : VV009089.D
 Acq On : 20 Dec 2018 17:26
 Operator : SY/MD
 Sample : J6471-05RE
 Misc : 5.13 G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9H14RE

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_V\METHOD\SOM2VLM120618S.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	1.312	64	69	85	rVB	72523	77936	12.32%	1.837%
2	1.579	145	152	162	rVB	73814	84485	13.36%	1.992%
3	2.126	310	322	336	rBV	163637	239667	37.89%	5.650%
4	2.312	375	380	382	rBV2	396	335	0.05%	0.008%
5	2.534	439	449	461	rBV	23651	38144	6.03%	0.899%
6	2.650	477	485	495	rBV3	1147	2383	0.38%	0.056%
7	2.920	568	569	573	rBB	224	126	0.02%	0.003%
8	2.946	573	577	580	rBV	156	188	0.03%	0.004%
9	3.013	594	598	601	rVB2	317	255	0.04%	0.006%
10	3.036	601	605	607	rBV2	321	284	0.04%	0.007%
11	3.074	607	617	628	rVB3	6370	12612	1.99%	0.297%
12	3.138	634	637	643	rBV2	176	143	0.02%	0.003%
13	3.216	659	661	666	rBV	281	258	0.04%	0.006%
14	3.505	748	751	752	rBV	175	118	0.02%	0.003%
15	3.544	760	763	764	rBV	676	368	0.06%	0.009%
16	3.608	780	783	785	rBV	154	132	0.02%	0.003%
17	3.717	813	817	820	rBV	206	212	0.03%	0.005%
18	3.756	826	829	833	rBB	193	172	0.03%	0.004%
19	3.814	844	847	853	rBB	197	247	0.04%	0.006%
20	3.958	874	892	913	rBV5	18915	77317	12.22%	1.823%
21	4.267	986	988	990	rBV	214	117	0.02%	0.003%
22	4.399	1009	1029	1050	rBV2	111597	276971	43.79%	6.530%
23	4.627	1098	1100	1102	rBV2	337	210	0.03%	0.005%
24	4.814	1155	1158	1160	rBV	170	145	0.02%	0.003%
25	4.872	1173	1176	1182	rBV	200	272	0.04%	0.006%
26	4.923	1190	1192	1195	rVB2	255	145	0.02%	0.003%
27	5.007	1215	1218	1224	rBB	154	209	0.03%	0.005%
28	5.097	1227	1246	1274	rBV2	251546	632498	100.00%	14.912%
29	5.331	1316	1319	1324	rBV2	191	158	0.02%	0.004%
30	5.556	1385	1389	1390	rBB	226	117	0.02%	0.003%
31	5.608	1402	1405	1408	rBV	179	171	0.03%	0.004%
32	5.662	1408	1422	1445	rBV	222254	442324	69.93%	10.428%
33	5.888	1489	1492	1498	rVB3	311	271	0.04%	0.006%
34	5.945	1499	1510	1523	rVB2	11857	22986	3.63%	0.542%

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 Title : VOC Analysis

35	5.994	1523	1525	1526	rBV2	241	120	0.02%	0.003%
36	6.023	1532	1534	1539	rVB2	371	268	0.04%	0.006%
37	6.055	1540	1544	1546	rBB	279	179	0.03%	0.004%
38	6.119	1547	1564	1593	rBV	145081	294909	46.63%	6.953%
39	6.283	1612	1615	1617	rBV2	282	122	0.02%	0.003%
40	6.306	1617	1622	1625	rVB2	296	356	0.06%	0.008%
41	6.441	1661	1664	1667	rBV	158	146	0.02%	0.003%
42	6.608	1713	1716	1719	rBB	264	148	0.02%	0.003%
43	6.650	1726	1729	1734	rBV2	273	304	0.05%	0.007%
44	6.817	1778	1781	1783	rBV	252	181	0.03%	0.004%
45	6.862	1792	1795	1797	rBV	244	156	0.02%	0.004%
46	6.913	1808	1811	1813	rBV	152	133	0.02%	0.003%
47	7.029	1835	1847	1864	rBV	63091	112719	17.82%	2.657%
48	7.145	1881	1883	1885	rVB2	253	123	0.02%	0.003%
49	7.267	1914	1921	1922	rBV	403	414	0.07%	0.010%
50	7.283	1922	1926	1934	rBV4	969	1104	0.17%	0.026%
51	7.360	1938	1950	1968	rBV	272974	472450	74.70%	11.139%
52	7.611	2024	2028	2030	rBV2	291	241	0.04%	0.006%
53	7.666	2034	2045	2062	rBV2	37836	64687	10.23%	1.525%
54	7.942	2128	2131	2134	rBV	179	175	0.03%	0.004%
55	7.981	2134	2143	2154	rVV4	2147	3647	0.58%	0.086%
56	8.026	2154	2157	2160	rVB2	828	607	0.10%	0.014%
57	8.138	2182	2192	2223	rBV5	37105	105369	16.66%	2.484%
58	8.338	2251	2254	2261	rBB	209	291	0.05%	0.007%
59	8.367	2262	2263	2266	rBV	234	122	0.02%	0.003%
60	8.418	2274	2279	2281	rVB2	353	267	0.04%	0.006%
61	8.463	2287	2293	2299	rBV3	605	882	0.14%	0.021%
62	8.540	2314	2317	2323	rVV	239	215	0.03%	0.005%
63	8.897	2413	2428	2455	rBV	262373	436273	68.98%	10.286%
64	9.061	2470	2479	2486	rVB3	1136	1571	0.25%	0.037%
65	9.125	2495	2499	2502	rBV2	235	179	0.03%	0.004%
66	9.177	2508	2515	2516	rBV2	1243	1023	0.16%	0.024%
67	9.379	2576	2578	2581	rBV	184	158	0.02%	0.004%
68	9.437	2594	2596	2600	rVB	288	124	0.02%	0.003%
69	9.588	2636	2643	2647	rBV3	1016	1379	0.22%	0.033%
70	9.649	2660	2662	2668	rVB	321	277	0.04%	0.007%
71	9.682	2668	2672	2675	rBV	140	172	0.03%	0.004%

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72	9.846	2719	2723	2726	rBV	242	268	0.04%	0.006%
73	10.074	2791	2794	2798	rVB	193	119	0.02%	0.003%
74	10.129	2806	2811	2813	rBV	640	466	0.07%	0.011%
75	10.264	2842	2853	2871	rVB	92222	146482	23.16%	3.454%
76	10.428	2892	2904	2914	rVB3	9754	15428	2.44%	0.364%
77	10.588	2951	2954	2958	rBV	282	176	0.03%	0.004%
78	10.675	2976	2981	2984	rBV	286	328	0.05%	0.008%
79	10.730	2991	2998	3001	rBV	223	300	0.05%	0.007%
80	10.958	3065	3069	3073	rBV3	550	567	0.09%	0.013%
81	11.238	3146	3156	3165	rBV	85309	127013	20.08%	2.994%
82	11.296	3165	3174	3192	rVB	174360	290229	45.89%	6.843%
83	11.437	3212	3218	3222	rBV4	504	607	0.10%	0.014%
84	11.473	3227	3229	3236	rVB2	852	527	0.08%	0.012%
85	11.675	3280	3292	3308	rBV	147557	237809	37.60%	5.607%
86	11.836	3338	3342	3344	rVB2	479	275	0.04%	0.006%
87	11.887	3354	3358	3361	rBV3	591	530	0.08%	0.012%
88	12.135	3433	3435	3436	rBV	426	162	0.03%	0.004%
89	12.228	3461	3464	3468	rVB	295	154	0.02%	0.004%
90	12.296	3479	3485	3494	rVB5	1652	2484	0.39%	0.059%
91	12.334	3495	3497	3501	rVB2	243	136	0.02%	0.003%
92	12.360	3501	3505	3510	rBV2	254	210	0.03%	0.005%
93	12.749	3623	3626	3629	rBV	219	126	0.02%	0.003%
94	13.054	3718	3721	3723	rBV	218	149	0.02%	0.004%
95	13.106	3735	3737	3739	rVB	388	129	0.02%	0.003%
96	13.556	3872	3877	3878	rBV2	577	395	0.06%	0.009%
97	13.797	3948	3952	3960	rVB4	2241	2327	0.37%	0.055%
98	14.222	4081	4084	4089	rVB	272	220	0.03%	0.005%
99	14.247	4089	4092	4096	rBV	309	246	0.04%	0.006%
100	14.996	4322	4325	4326	rBV	355	221	0.03%	0.005%

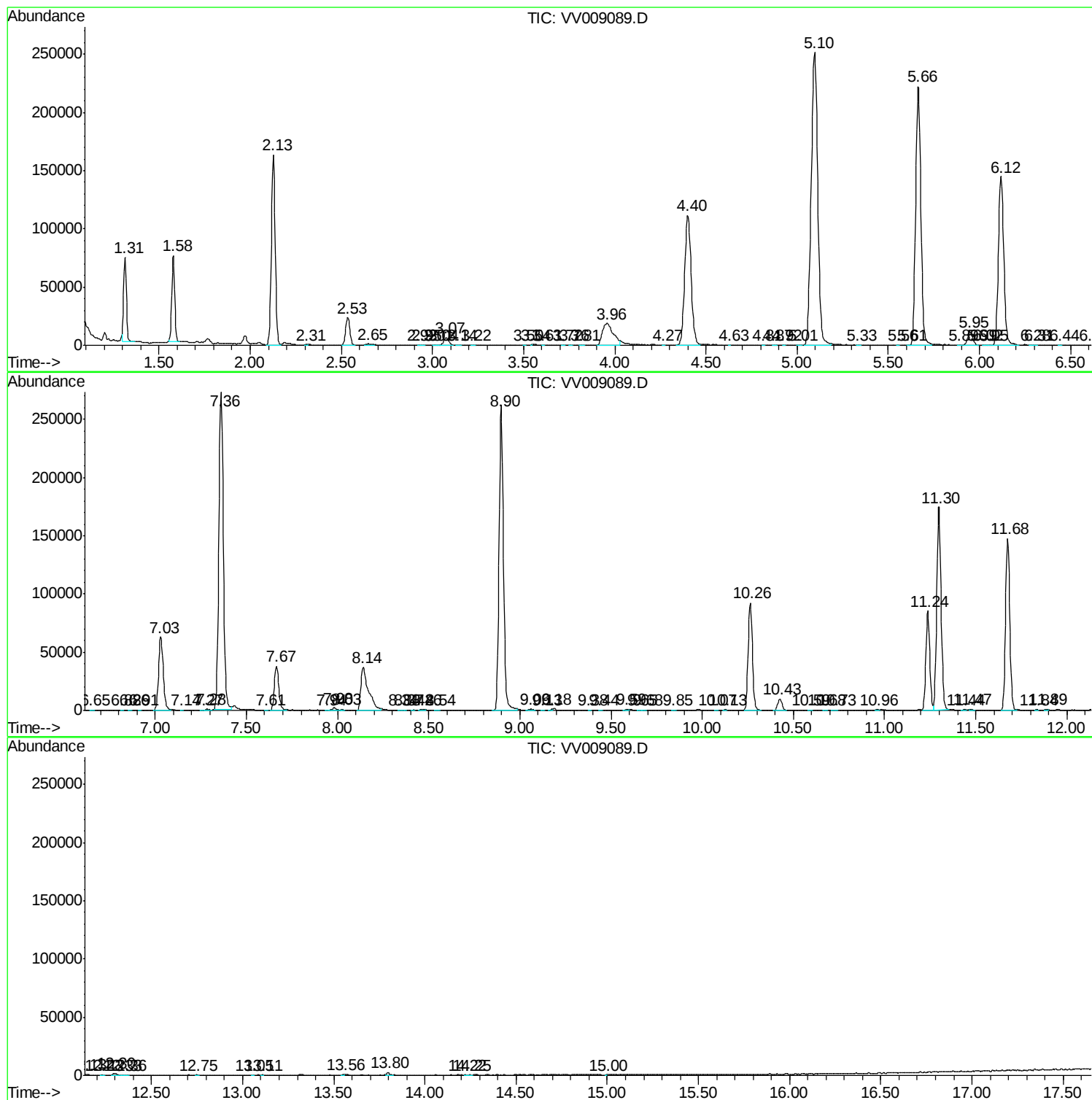
Sum of corrected areas: 4241550

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Instrument :
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ClientSampled :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis

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



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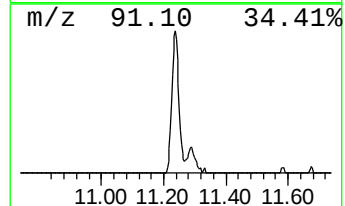
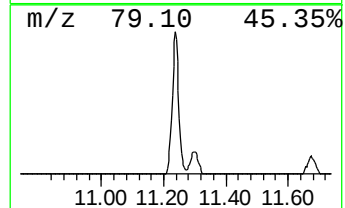
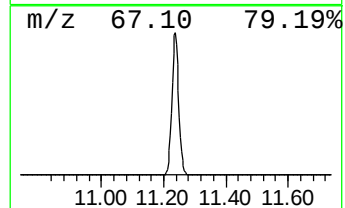
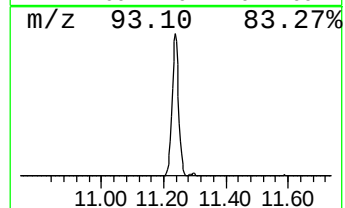
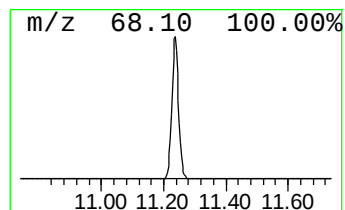
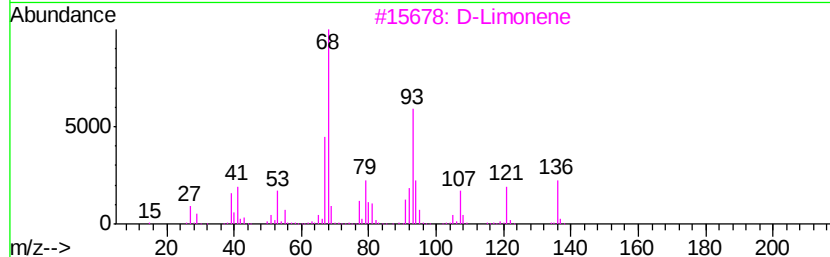
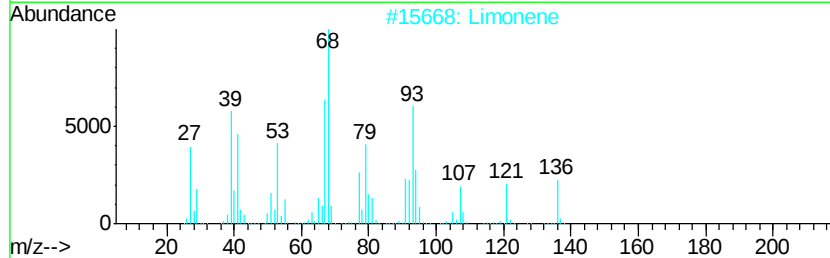
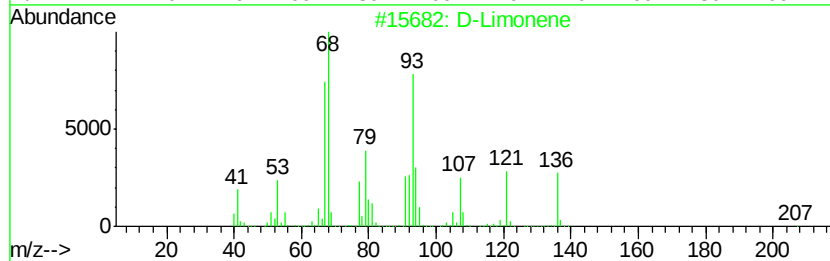
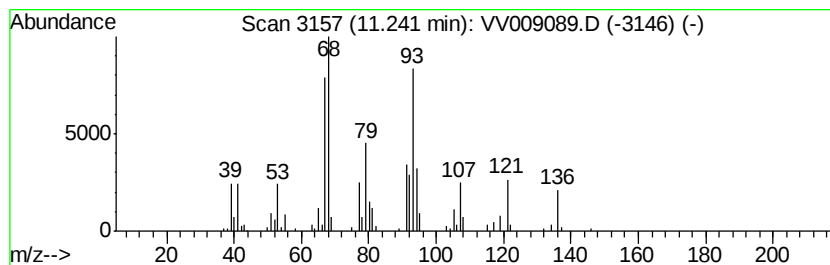
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 D-Limonene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	10.94 ug/L	127013	1,4-Dichlorobenzene-d4	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	D-Limonene	136	C10H16	005989-27-5	98
2		Limonene	136	C10H16	000138-86-3	94
3		D-Limonene	136	C10H16	005989-27-5	93
4		Limonene	136	C10H16	000138-86-3	81
5		Limonene	136	C10H16	000138-86-3	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
D-Limonene	11.24	10.9	ug/L	127013	3	11.30	290229	25.0