LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101519\
Data File : VV013169.D
Acq On : 15 Oct 2019 16:19
Operator : SY/MD
Sample : K5378-07
Misc : 5.00ML/MSVOA V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0044

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_V\METHOD\SOMVLM101119WMA.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	1.319	65	71	85	rVB	373195	388822	13.96%	1.993%
2	1.582	146	153	167	rBV	317058	352536	12.65%	1.807%
3	2.126	313	322	335	rBV	611616	844735	30.32%	4.331%
4	3.158	640	643	646	rBV4	1148	895	0.03%	0.005%
5	3.251	670	672	674	rBV2	440	192	0.01%	0.001%
6	3.286	681	683	684	rBV	286	114	0.00%	0.001%
7	3.309	688	690	698	rVB3	513	436	0.02%	0.002%
8	3.386	711	714	716	rBV2	447	267	0.01%	0.001%
9	3.428	724	727	728	rBV	302	147	0.01%	0.001%
10	3.489	744	746	747	rBV	190	78	0.00%	0.000%
11	3.502	747	750	752	rVV	413	243	0.01%	0.001%
12	3.518	752	755	756	rBV	460	189	0.01%	0.001%
13	3.569	769	771	774	rBV2	387	191	0.01%	0.001%
14	3.605	778	782	787	rVB3	448	298	0.01%	0.002%
15	3.653	794	797	799	rBV3	327	215	0.01%	0.001%
16	3.698	810	811	812	rBV	279	98	0.00%	0.001%
17	3.743	820	825	826	rBV2	427	277	0.01%	0.001%
18	3.778	833	836	842	rVB3	909	793	0.03%	0.004%
19	3.807	842	845	846	rBV	238	115	0.00%	0.001%
20	3.823	848	850	853	rBV2	262	80	0.00%	0.000%
21	3.839	853	855	861	rBV3	534	416	0.01%	0.002%
22	3.865	861	863	866	rBV2	562	289	0.01%	0.001%
23	3.974	878	897	938	rBV	93883	547094	19.64%	2.805%
24	4.399	1014	1029	1062	rVB	430902	1051123	37.73%	5.389%
25	4.704	1121	1124	1127	rVB3	798	489	0.02%	0.003%
26	4.916	1188	1190	1196	rVB2	503	327	0.01%	0.002%
27	4.945	1196	1199	1200	rBV2	334	201	0.01%	0.001%
28	5.093	1226	1245	1290	rBV2	1125960	2786081	100.00%	14.283%
29	5.347	1322	1324	1326	rBV3	570	261	0.01%	0.001%
30	5.511	1372	1375	1379	rBV2	1200	1032	0.04%	0.005%
31	5.592	1398	1400	1402	rBV	865	458	0.02%	0.002%
32	5.662	1407	1422	1454	rBV	812435	1635012	58.69%	8.382%
33	5.945	1496	1510	1531	rBV2	70328	146526	5.26%	0.751%
34	6.116	1548	1563	1591	rBV	610351	1242867	44.61%	6.372%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Title : VOC Analysis

35	6.392	1647	1649	1651	rBV2	414	160	0.01%	0.001%
36	6.428	1655	1660	1664	rBV6	807	893	0.03%	0.005%
37	6.502	1679	1683	1687	rBV4	518	489	0.02%	0.003%
38	6.521	1687	1689	1691	rVV2	345	223	0.01%	0.001%
39	6.534	1691	1693	1696	rVV2	556	273	0.01%	0.001%
40	6.550	1696	1698	1701	rVV	230	116	0.00%	0.001%
41	6.572	1702	1705	1712	rVB2	676	666	0.02%	0.003%
42	6.604	1712	1715	1717	rBV2	393	234	0.01%	0.001%
43	6.659	1725	1732	1741	rBV10	2389	5312	0.19%	0.027%
44	6.733	1752	1755	1759	rBV4	622	510	0.02%	0.003%
45	6.765	1761	1765	1768	rBV2	440	437	0.02%	0.002%
46	6.797	1773	1775	1777	rVV	249	91	0.00%	0.000%
47	6.810	1777	1779	1782	rVB2	419	191	0.01%	0.001%
48	6.826	1782	1784	1787	rVB3	617	301	0.01%	0.002%
49	6.852	1787	1792	1796	rBV3	634	474	0.02%	0.002%
50	6.881	1799	1801	1802	rBV2	338	120	0.00%	0.001%
51	6.894	1802	1805	1808	rBV2	165	140	0.01%	0.001%
52	6.939	1817	1819	1825	rVB3	380	266	0.01%	0.001%
53	6.968	1825	1828	1833	rBV2	366	331	0.01%	0.002%
54	7.029	1834	1847	1875	rBV	302312	559579	20.08%	2.869%
55	7.280	1922	1925	1926	rBV	459	243	0.01%	0.001%
56	7.357	1936	1949	1969	rBV	1225204	2103819	75.51%	10.786%
57	7.624	2030	2032	2033	rBV	945	418	0.02%	0.002%
58	7.662	2033	2044	2061	rVV	210448	363367	13.04%	1.863%
59	7.826	2093	2095	2098	rBV3	684	482	0.02%	0.002%
60	7.939	2128	2130	2132	rBV2	582	254	0.01%	0.001%
61	8.013	2148	2153	2163	rVB8	3156	4717	0.17%	0.024%
62	8.138	2180	2192	2234	rBV2	507516	1274713	45.75%	6.535%
63	8.614	2337	2340	2341	rBV2	553	319	0.01%	0.002%
64	8.768	2384	2388	2392	rBV5	1103	1270	0.05%	0.007%
65	8.804	2397	2399	2400	rBV	364	138	0.00%	0.001%
66	8.894	2414	2427	2449	rBV	1176253	1937310	69.54%	9.932%
67	9.125	2495	2499	2503	rBV5	680	678	0.02%	0.003%
68	9.379	2576	2578	2582	rBV3	347	300	0.01%	0.002%
69	9.399	2582	2584	2587	rVV2	481	252	0.01%	0.001%
70	9.527	2622	2624	2628	rVB3	513	300	0.01%	0.002%
71	9.636	2656	2658	2660	rBV	380	205	0.01%	0.001%

LSC Area Percent Report

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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Title : VOC Analysis

72	9.685	2667	2673	2675	rBV3	673	667	0.02%	0.003%
73	9.730	2685	2687	2689	rBV	259	115	0.00%	0.001%
74	9.833	2717	2719	2722	rBV	585	258	0.01%	0.001%
75	9.926	2746	2748	2750	rBV2	500	182	0.01%	0.001%
76	9.952	2754	2756	2757	rBV	238	80	0.00%	0.000%
77	10.038	2780	2783	2784	rBV	583	306	0.01%	0.002%
78	10.071	2790	2793	2795	rBV2	405	293	0.01%	0.002%
79	10.096	2798	2801	2804	rBV2	598	561	0.02%	0.003%
80	10.257	2839	2851	2873	rBV	721452	1130022	40.56%	5.793%
81	10.424	2897	2903	2913	rVB7	1767	2950	0.11%	0.015%
82	10.582	2949	2952	2955	rVB2	567	342	0.01%	0.002%
83	10.604	2957	2959	2961	rVB2	276	78	0.00%	0.000%
84	10.614	2961	2962	2966	rBV3	378	261	0.01%	0.001%
85	10.772	3008	3011	3013	rBV3	520	345	0.01%	0.002%
86	10.817	3024	3025	3029	rVB	386	153	0.01%	0.001%
87	10.878	3042	3044	3048	rBV2	488	447	0.02%	0.002%
88	10.929	3057	3060	3062	rBV2	655	469	0.02%	0.002%
89	10.958	3067	3069	3071	rVV	351	137	0.00%	0.001%
90	11.048	3094	3097	3098	rBV	604	270	0.01%	0.001%
91	11.289	3160	3172	3203	rBV	922916	1446806	51.93%	7.417%
92	11.566	3256	3258	3260	rBV2	598	302	0.01%	0.002%
93	11.669	3277	3290	3308	rBV	1049012	1655195	59.41%	8.486%
94	12.161	3440	3443	3444	rBV2	490	228	0.01%	0.001%
95	12.267	3473	3476	3480	rBV3	584	482	0.02%	0.002%
96	12.289	3480	3483	3492	rVB5	1111	1085	0.04%	0.006%
97	12.482	3541	3543	3546	rBV2	687	383	0.01%	0.002%
98	12.791	3635	3639	3641	rBV3	828	695	0.02%	0.004%
99	12.906	3673	3675	3678	rBV	388	273	0.01%	0.001%

Sum of corrected areas: 19505873

LSC Report - Integrated Chromatogram

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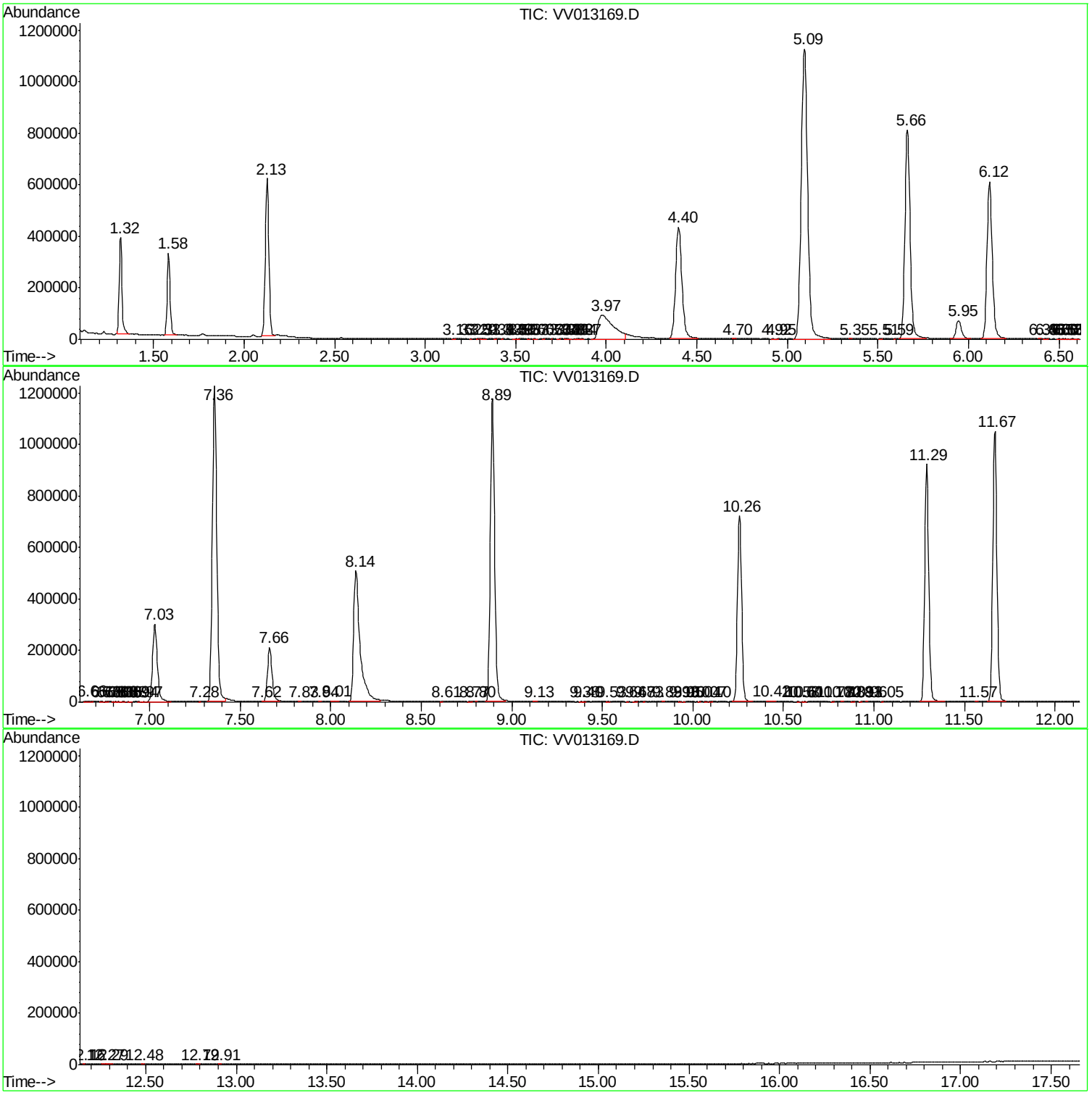
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0044

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Quant Title : VOC Analysis

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



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Instrument : MSVOA_V
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Quant Title : VOC Analysis

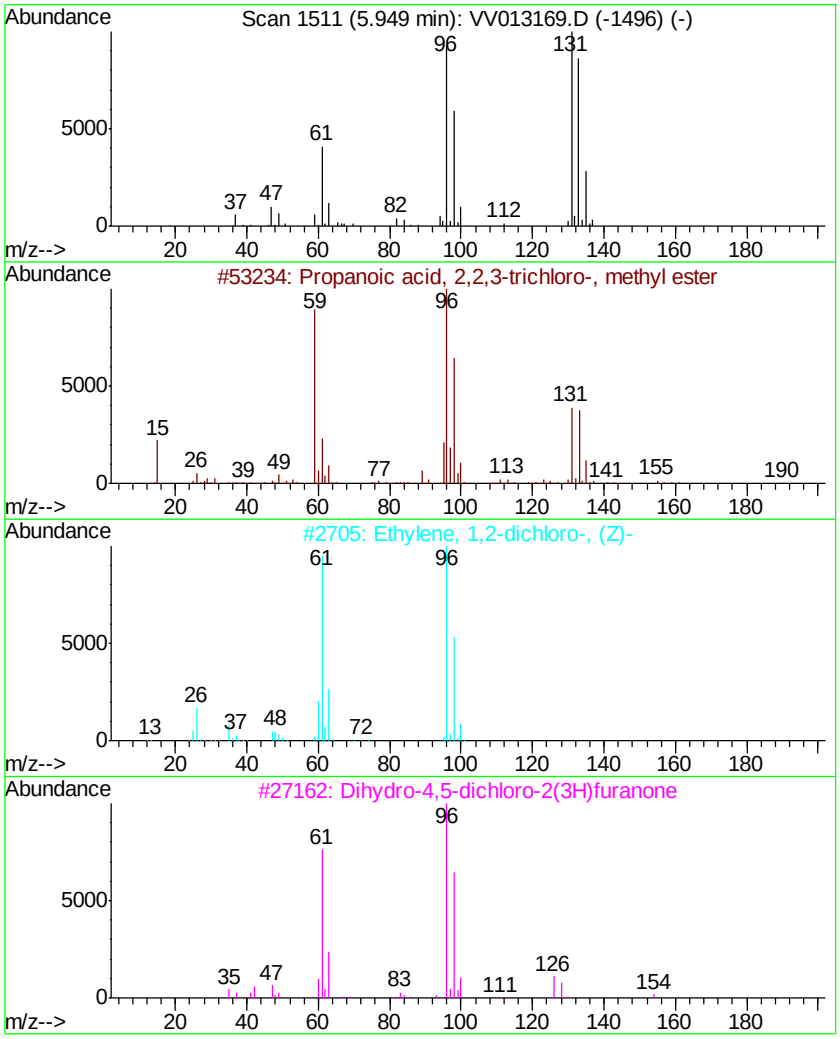
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

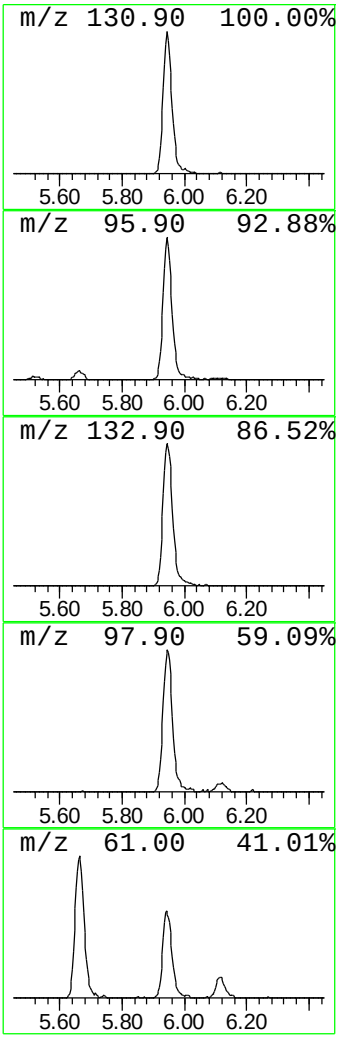
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	4.48 ug/L	146526	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	37
2	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	35
3	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	12
5	2-Cyano-3,5-dimethylpyrazine	133	C7H7N3	124629-52-3	9





Tentatively Identified Compound (LSC) summary

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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
unknown-01	5.95	4.5	ug/L	146526	1 5.66	1635010	50.0