LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101419\
Data File : VV013153.D
Acq On : 14 Oct 2019 20:05
Operator : SY/MD
Sample : K5347-12 50X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG1

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	1.316	65	70	87	rVB	278872	302787	11.80%	1.589%
2	1.582	146	153	168	rVB	255341	298291	11.63%	1.565%
3	2.126	313	322	335	rBV	498595	689578	26.88%	3.618%
4	2.859	547	550	553	rBV2	874	599	0.02%	0.003%
5	2.907	563	565	566	rBV2	583	278	0.01%	0.001%
6	2.997	588	593	597	rBV4	831	832	0.03%	0.004%
7	3.071	611	616	617	rBV3	534	348	0.01%	0.002%
8	3.164	642	645	647	rBV2	640	407	0.02%	0.002%
9	3.238	665	668	669	rBV2	335	198	0.01%	0.001%
10	3.258	673	674	677	rBV2	423	264	0.01%	0.001%
11	3.309	684	690	694	rBV4	669	753	0.03%	0.004%
12	3.348	699	702	706	rBV2	495	358	0.01%	0.002%
13	3.479	740	743	745	rBV2	679	501	0.02%	0.003%
14	3.592	775	778	780	rBV2	460	212	0.01%	0.001%
15	3.614	781	785	786	rBV3	372	157	0.01%	0.001%
16	3.653	794	797	800	rBV3	422	295	0.01%	0.002%
17	3.708	810	814	816	rBV3	339	282	0.01%	0.001%
18	3.721	816	818	820	rVV	443	211	0.01%	0.001%
19	3.733	820	822	826	rVB2	399	237	0.01%	0.001%
20	3.782	833	837	839	rBV3	411	212	0.01%	0.001%
21	3.811	842	846	850	rBV3	348	240	0.01%	0.001%
22	3.875	862	866	871	rVB3	450	447	0.02%	0.002%
23	3.901	871	874	877	rVB	537	369	0.01%	0.002%
24	3.968	880	895	946	rBV	117883	609883	23.78%	3.200%
25	4.399	1014	1029	1062	rVB	409084	993622	38.73%	5.213%
26	4.830	1158	1163	1164	rBV3	554	404	0.02%	0.002%
27	4.933	1192	1195	1197	rBV2	558	275	0.01%	0.001%
28	4.958	1201	1203	1207	rVB3	364	167	0.01%	0.001%
29	4.981	1207	1210	1211	rBV2	310	149	0.01%	0.001%
30	5.007	1215	1218	1221	rBV	415	320	0.01%	0.002%
31	5.093	1227	1245	1272	rBV2	1043049	2565186	100.00%	13.458%
32	5.370	1329	1331	1332	rBV	427	152	0.01%	0.001%
33	5.415	1341	1345	1348	rBV2	773	541	0.02%	0.003%
34	5.438	1349	1352	1356	rBV6	863	690	0.03%	0.004%

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Instrument : MSVOA_V
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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	5.457	1356	1358	1360	rBV2	612	371	0.01%	0.002%
36	5.492	1367	1369	1371	rVB	396	154	0.01%	0.001%
37	5.521	1376	1378	1380	rBV2	563	313	0.01%	0.002%
38	5.585	1395	1398	1399	rBV	284	134	0.01%	0.001%
39	5.595	1399	1401	1406	rVB3	676	515	0.02%	0.003%
40	5.663	1406	1422	1449	rBV	836828	1664971	64.91%	8.735%
41	5.946	1498	1510	1532	rVB2	63498	128511	5.01%	0.674%
42	6.116	1548	1563	1592	rBV	580680	1190093	46.39%	6.244%
43	6.444	1663	1665	1666	rBV2	277	93	0.00%	0.000%
44	6.473	1671	1674	1680	rVB3	677	580	0.02%	0.003%
45	6.499	1680	1682	1683	rBV3	219	82	0.00%	0.000%
46	6.515	1683	1687	1693	rVB3	641	562	0.02%	0.003%
47	6.537	1693	1694	1696	rBV	356	127	0.00%	0.001%
48	6.553	1696	1699	1702	rBV4	530	485	0.02%	0.003%
49	6.592	1707	1711	1712	rBV2	311	199	0.01%	0.001%
50	6.663	1723	1733	1738	rBV6	2188	3739	0.15%	0.020%
51	6.746	1756	1759	1761	rVB3	722	352	0.01%	0.002%
52	6.765	1763	1765	1768	rVB2	335	205	0.01%	0.001%
53	6.788	1768	1772	1775	rBV2	714	607	0.02%	0.003%
54	6.843	1784	1789	1792	rVB4	658	464	0.02%	0.002%
55	6.865	1792	1796	1801	rBV4	450	507	0.02%	0.003%
56	6.884	1801	1802	1804	rVB3	235	64	0.00%	0.000%
57	6.920	1809	1813	1815	rBV2	458	300	0.01%	0.002%
58	6.974	1829	1830	1832	rBV	472	124	0.00%	0.001%
59	7.026	1834	1846	1877	rBV	287726	525120	20.47%	2.755%
60	7.357	1936	1949	1969	rBV	1117786	1932233	75.33%	10.138%
61	7.663	2033	2044	2069	rBV	201585	344880	13.44%	1.809%
62	8.016	2146	2154	2168	rVB4	9825	17668	0.69%	0.093%
63	8.068	2168	2170	2173	rBV3	409	282	0.01%	0.001%
64	8.090	2175	2177	2180	rBV2	431	203	0.01%	0.001%
65	8.138	2180	2192	2240	rBV2	552943	1307662	50.98%	6.861%
66	8.627	2337	2344	2346	rBV5	689	791	0.03%	0.004%
67	8.836	2406	2409	2413	rVB4	1092	816	0.03%	0.004%
68	8.894	2413	2427	2465	rBV	1245403	2037057	79.41%	10.688%
69	9.241	2533	2535	2537	rBV	329	152	0.01%	0.001%
70	9.254	2537	2539	2542	rVB3	653	265	0.01%	0.001%
71	9.273	2542	2545	2547	rBV2	380	265	0.01%	0.001%

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ALS Vial : 24 Sample Multiplier: 1

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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

72	9.289	2547	2550	2553	rBV3	513	365	0.01%	0.002%
73	9.360	2570	2572	2576	rBV3	350	273	0.01%	0.001%
74	9.534	2623	2626	2631	rBV4	804	628	0.02%	0.003%
75	9.582	2635	2641	2642	rBV3	1309	1038	0.04%	0.005%
76	9.630	2654	2656	2659	rBV	458	293	0.01%	0.002%
77	9.672	2666	2669	2671	rBV3	373	244	0.01%	0.001%
78	9.740	2688	2690	2694	rBV2	533	384	0.01%	0.002%
79	9.920	2741	2746	2753	rBV2	399	434	0.02%	0.002%
80	9.965	2757	2760	2762	rBV3	653	414	0.02%	0.002%
81	10.029	2777	2780	2783	rVB3	463	327	0.01%	0.002%
82	10.052	2783	2787	2798	rVB3	799	1147	0.04%	0.006%
83	10.106	2798	2804	2807	rBV4	801	937	0.04%	0.005%
84	10.206	2830	2835	2838	rBV3	624	556	0.02%	0.003%
85	10.257	2838	2851	2875	rBV	740187	1153363	44.96%	6.051%
86	10.502	2923	2927	2930	rBV3	673	540	0.02%	0.003%
87	10.659	2972	2976	2978	rBV2	572	495	0.02%	0.003%
88	10.727	2993	2997	2999	rBV2	446	345	0.01%	0.002%
89	10.807	3019	3022	3024	rBV2	534	322	0.01%	0.002%
90	10.833	3029	3030	3031	rBV2	299	103	0.00%	0.001%
91	10.971	3063	3073	3075	rBV3	868	1231	0.05%	0.006%
92	11.096	3110	3112	3116	rBV3	395	278	0.01%	0.001%
93	11.167	3132	3134	3136	rBV2	360	201	0.01%	0.001%
94	11.289	3160	3172	3194	rBV	1008189	1588772	61.94%	8.336%
95	11.669	3277	3290	3310	rBV	1066001	1676411	65.35%	8.795%
96	12.286	3478	3482	3483	rBV	1154	840	0.03%	0.004%

Sum of corrected areas: 19060132

LSC Report - Integrated Chromatogram

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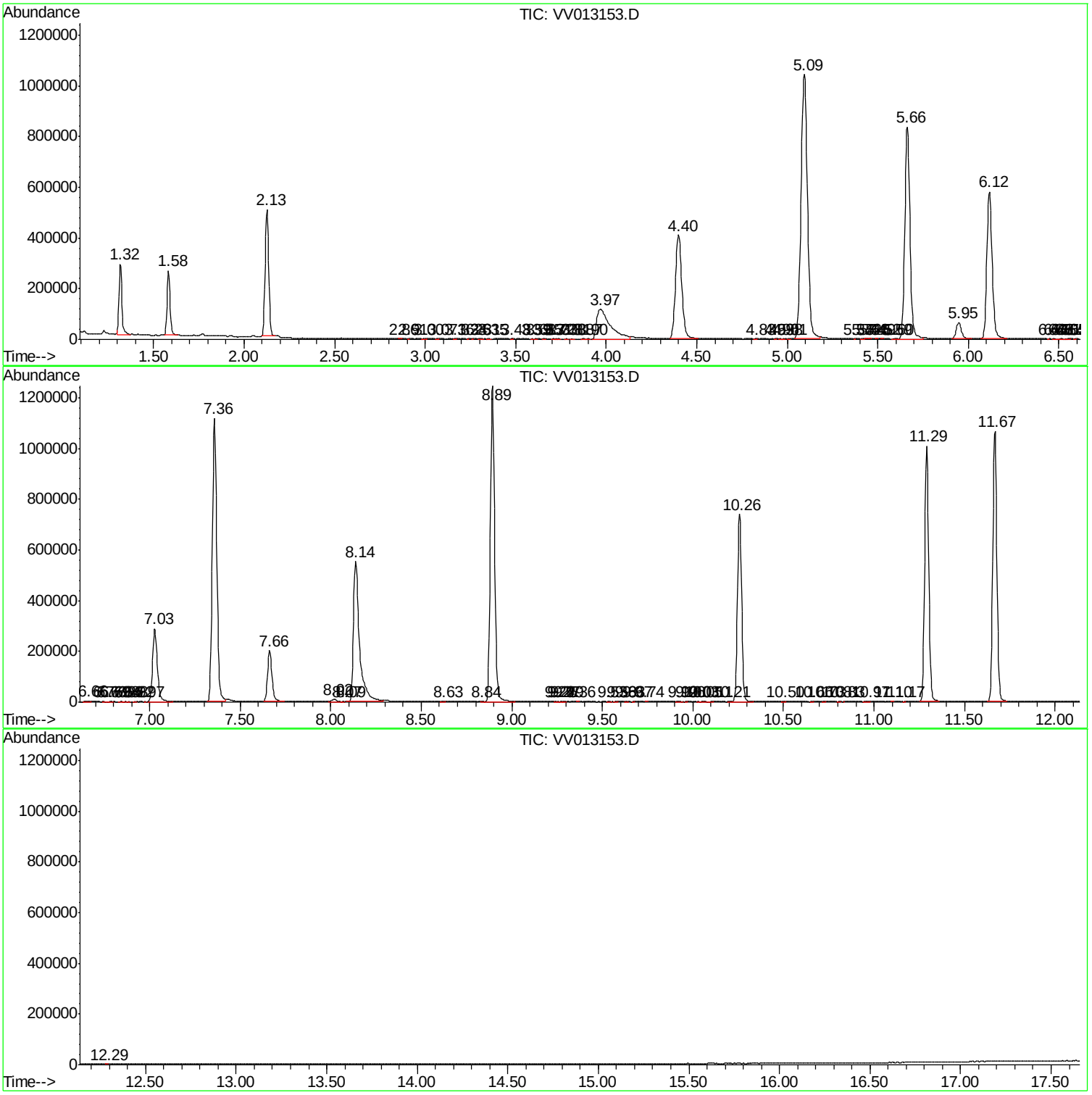
Sample : K5347-12 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG1

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101419\
Data File : VV013153.D
Acq On : 14 Oct 2019 20:05
Operator : SY/MD
Sample : K5347-12 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AG1

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

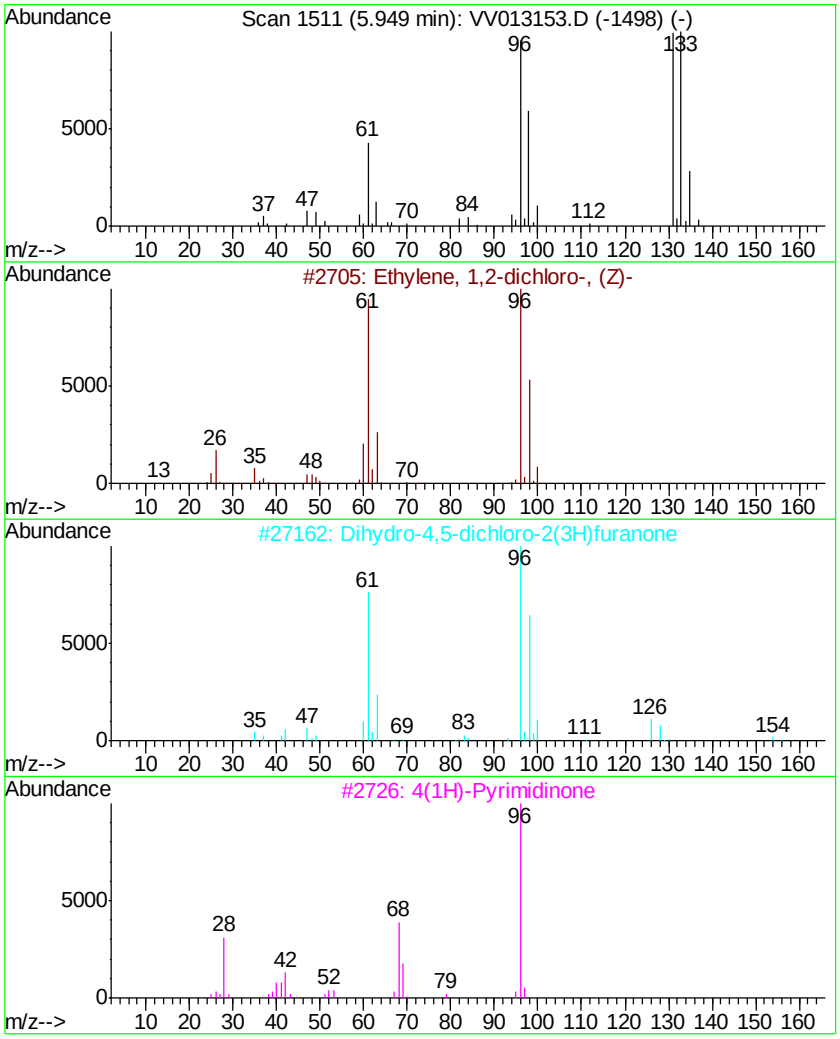
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

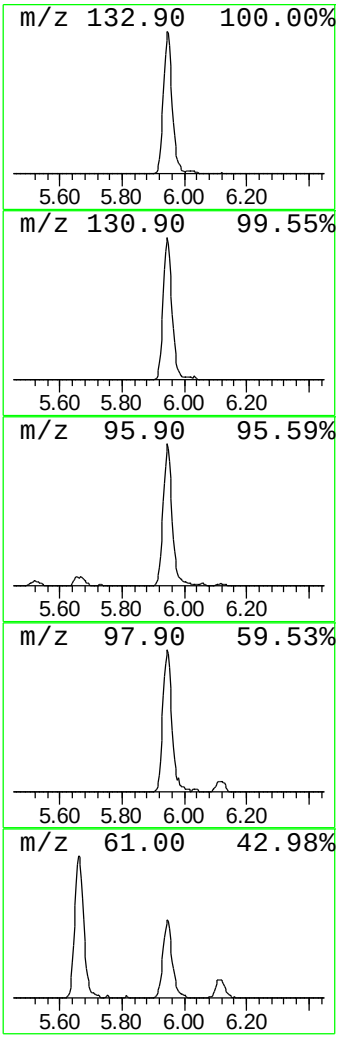
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	3.86 ug/L	128511	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
2	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	17
3	4(1H)-Pyrimidinone	96	C4H4N2O	004562-27-0	9
4	2-Cyano-3,5-dimethylpyrazine	133	C7H7N3	124629-52-3	9
5	Benzonitrile, 4-methoxy-	133	C8H7NO	000874-90-8	9





Tentatively Identified Compound (LSC) summary

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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	5.95	3.9	ug/L	128511	1	5.66	1664970	50.0