LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101419\
Data File : VV013148.D
Acq On : 14 Oct 2019 18:04
Operator : SY/MD
Sample : K5347-07DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AF6DL

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	63	70	89	rVB	275877	297375	11.80%	1.476%
2	1.582	146	153	166	rVB	253561	286673	11.38%	1.423%
3	2.126	312	322	333	rBV	500106	696539	27.64%	3.457%
4	2.444	418	421	424	rBV3	790	512	0.02%	0.003%
5	2.492	433	436	442	rVB4	979	826	0.03%	0.004%
6	2.534	442	449	458	rBV6	3409	5570	0.22%	0.028%
7	2.759	514	519	521	rBV3	827	625	0.02%	0.003%
8	2.785	524	527	529	rBV3	1049	648	0.03%	0.003%
9	2.936	569	574	580	rVB5	763	1014	0.04%	0.005%
10	3.042	601	607	610	rBV3	966	929	0.04%	0.005%
11	3.103	622	626	628	rVV2	626	416	0.02%	0.002%
12	3.126	631	633	637	rVB3	736	443	0.02%	0.002%
13	3.155	637	642	645	rBV4	647	578	0.02%	0.003%
14	3.222	660	663	669	rVB4	917	852	0.03%	0.004%
15	3.332	690	697	700	rBV3	790	616	0.02%	0.003%
16	3.492	744	747	751	rVB3	635	378	0.02%	0.002%
17	3.518	751	755	757	rBV2	498	358	0.01%	0.002%
18	3.560	765	768	773	rBV2	468	380	0.02%	0.002%
19	3.705	808	813	816	rBV3	690	663	0.03%	0.003%
20	3.865	861	863	867	rBV4	594	363	0.01%	0.002%
21	3.975	881	897	955	rBV	104783	622128	24.69%	3.088%
22	4.399	1012	1029	1060	rBV	399583	983630	39.03%	4.882%
23	4.618	1095	1097	1101	rVB4	878	470	0.02%	0.002%
24	4.872	1172	1176	1178	rVB4	936	627	0.02%	0.003%
25	4.894	1178	1183	1185	rBV3	443	408	0.02%	0.002%
26	4.997	1210	1215	1217	rBB4	484	350	0.01%	0.002%
27	5.023	1220	1223	1227	rBV3	478	352	0.01%	0.002%
28	5.094	1227	1245	1280	rBV2	1018183	2519957	100.00%	12.508%
29	5.438	1350	1352	1358	rVB5	923	847	0.03%	0.004%
30	5.508	1371	1374	1378	rBV4	838	853	0.03%	0.004%
31	5.579	1391	1396	1400	rBV3	778	728	0.03%	0.004%
32	5.598	1400	1402	1407	rVB3	428	367	0.01%	0.002%
33	5.663	1407	1422	1449	rBV	830062	1643430	65.22%	8.157%
34	5.946	1498	1510	1529	rVV2	66206	134267	5.33%	0.666%

LSC Area Percent Report

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ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
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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

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Peak separation: 5

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

35	6.032	1534	1537	1541	rVB4	1118	1048	0.04%	0.005%
36	6.052	1541	1543	1547	rBV3	582	415	0.02%	0.002%
37	6.116	1547	1563	1594	rBV	566494	1165402	46.25%	5.785%
38	6.296	1617	1619	1626	rVB5	1023	906	0.04%	0.004%
39	6.499	1679	1682	1685	rVB2	609	404	0.02%	0.002%
40	6.524	1685	1690	1693	rVB4	534	531	0.02%	0.003%
41	6.556	1693	1700	1703	rBV6	902	1088	0.04%	0.005%
42	6.608	1712	1716	1718	rBV2	670	422	0.02%	0.002%
43	6.656	1726	1731	1733	rBV2	1744	1579	0.06%	0.008%
44	6.727	1752	1753	1758	rVV3	451	326	0.01%	0.002%
45	6.820	1780	1782	1788	rVB4	892	777	0.03%	0.004%
46	6.852	1788	1792	1795	rBV2	628	553	0.02%	0.003%
47	6.974	1823	1830	1834	rBV3	662	992	0.04%	0.005%
48	7.029	1834	1847	1870	rBV	276249	508563	20.18%	2.524%
49	7.187	1890	1896	1899	rBV6	1395	1708	0.07%	0.008%
50	7.270	1919	1922	1926	rVB4	600	390	0.02%	0.002%
51	7.296	1926	1930	1931	rBV2	681	444	0.02%	0.002%
52	7.357	1935	1949	1985	rBV	1075792	1873855	74.36%	9.301%
53	7.528	2000	2002	2005	rVB3	858	402	0.02%	0.002%
54	7.560	2010	2012	2017	rVB4	712	460	0.02%	0.002%
55	7.663	2032	2044	2063	rBV	197578	343088	13.61%	1.703%
56	7.878	2109	2111	2115	rBV3	849	684	0.03%	0.003%
57	8.016	2137	2154	2178	rBV	1033691	1733991	68.81%	8.607%
58	8.138	2181	2192	2233	rBV3	537752	1253850	49.76%	6.224%
59	8.540	2314	2317	2319	rVV3	558	360	0.01%	0.002%
60	8.598	2332	2335	2337	rBV3	855	640	0.03%	0.003%
61	8.666	2353	2356	2358	rBV3	515	372	0.01%	0.002%
62	8.724	2371	2374	2382	rVB6	745	663	0.03%	0.003%
63	8.759	2382	2385	2388	rBV3	748	485	0.02%	0.002%
64	8.807	2397	2400	2402	rBV	568	357	0.01%	0.002%
65	8.894	2412	2427	2453	rBV	1215858	1979216	78.54%	9.824%
66	9.183	2511	2517	2520	rBV4	1298	1472	0.06%	0.007%
67	9.238	2531	2534	2537	rBV3	672	528	0.02%	0.003%
68	9.473	2603	2607	2610	rBV4	371	375	0.01%	0.002%
69	9.582	2636	2641	2642	rBV3	1149	798	0.03%	0.004%
70	9.624	2652	2654	2657	rVB	896	417	0.02%	0.002%
71	9.662	2662	2666	2670	rBV3	711	758	0.03%	0.004%

LSC Area Percent Report

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Operator : SY/MD
Sample : K5347-07DL 5X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AF6DL

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	9.746	2690	2692	2698	rVB3	606	441	0.02%	0.002%
73	9.775	2698	2701	2704	rBV2	640	565	0.02%	0.003%
74	9.823	2712	2716	2717	rBV3	617	489	0.02%	0.002%
75	9.907	2739	2742	2748	rVV4	683	586	0.02%	0.003%
76	10.023	2773	2778	2781	rVB3	573	508	0.02%	0.003%
77	10.180	2822	2827	2831	rVB2	671	493	0.02%	0.002%
78	10.257	2836	2851	2875	rBV	721325	1135910	45.08%	5.638%
79	10.405	2895	2897	2899	rBV	600	416	0.02%	0.002%
80	10.470	2912	2917	2919	rBV2	603	519	0.02%	0.003%
81	10.502	2925	2927	2930	rBV2	763	387	0.02%	0.002%
82	10.531	2933	2936	2938	rBV2	699	365	0.01%	0.002%
83	10.585	2948	2953	2958	rBV4	630	695	0.03%	0.003%
84	10.669	2976	2979	2984	rBV2	429	389	0.02%	0.002%
85	10.900	3048	3051	3055	rVB2	499	332	0.01%	0.002%
86	10.936	3059	3062	3066	rBV2	682	621	0.02%	0.003%
87	11.196	3139	3143	3144	rBV	754	395	0.02%	0.002%
88	11.293	3160	3173	3197	rBV	910616	1416823	56.22%	7.032%
89	11.489	3231	3234	3239	rBV5	829	678	0.03%	0.003%
90	11.669	3277	3290	3313	rVV	936651	1498343	59.46%	7.437%
91	12.286	3479	3482	3485	rBV	822	533	0.02%	0.003%
92	12.363	3503	3506	3509	rBV2	853	646	0.03%	0.003%
93	12.469	3537	3539	3545	rVB3	862	791	0.03%	0.004%
94	13.135	3743	3746	3748	rBV2	722	426	0.02%	0.002%
95	13.180	3756	3760	3763	rBV3	529	508	0.02%	0.003%
96	13.283	3789	3792	3795	rBV3	594	473	0.02%	0.002%
97	14.276	4098	4101	4104	rBV2	946	596	0.02%	0.003%
98	14.865	4281	4284	4286	rBV2	849	632	0.03%	0.003%
99	14.916	4298	4300	4301	rBV2	944	440	0.02%	0.002%
100	15.077	4348	4350	4352	rBV3	808	474	0.02%	0.002%

Sum of corrected areas: 20146965

LSC Report - Integrated Chromatogram

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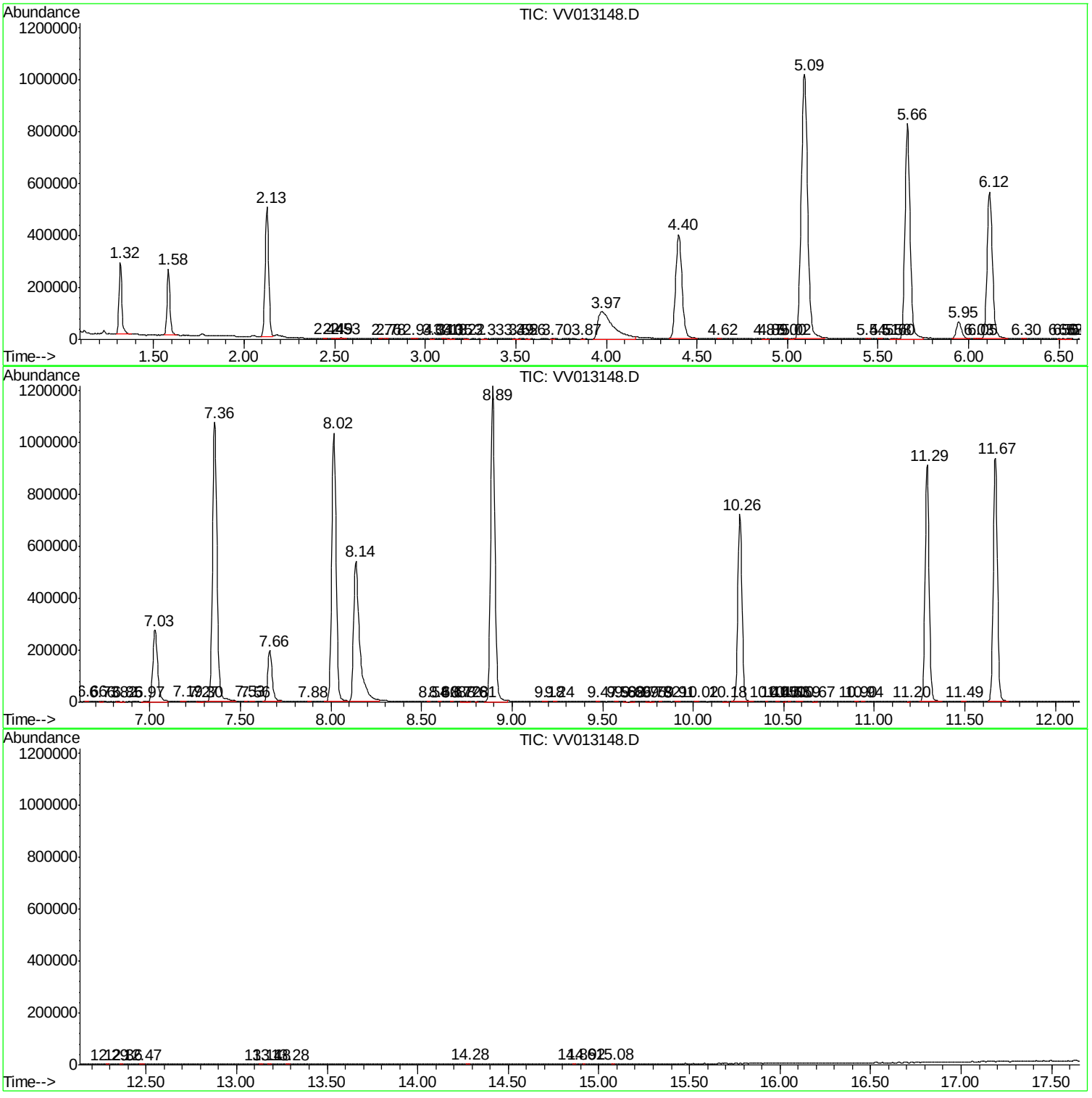
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AF6DL

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 : VV013148.D
Acq On : 14 Oct 2019 18:04
Operator : SY/MD
Sample : K5347-07DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AF6DL

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

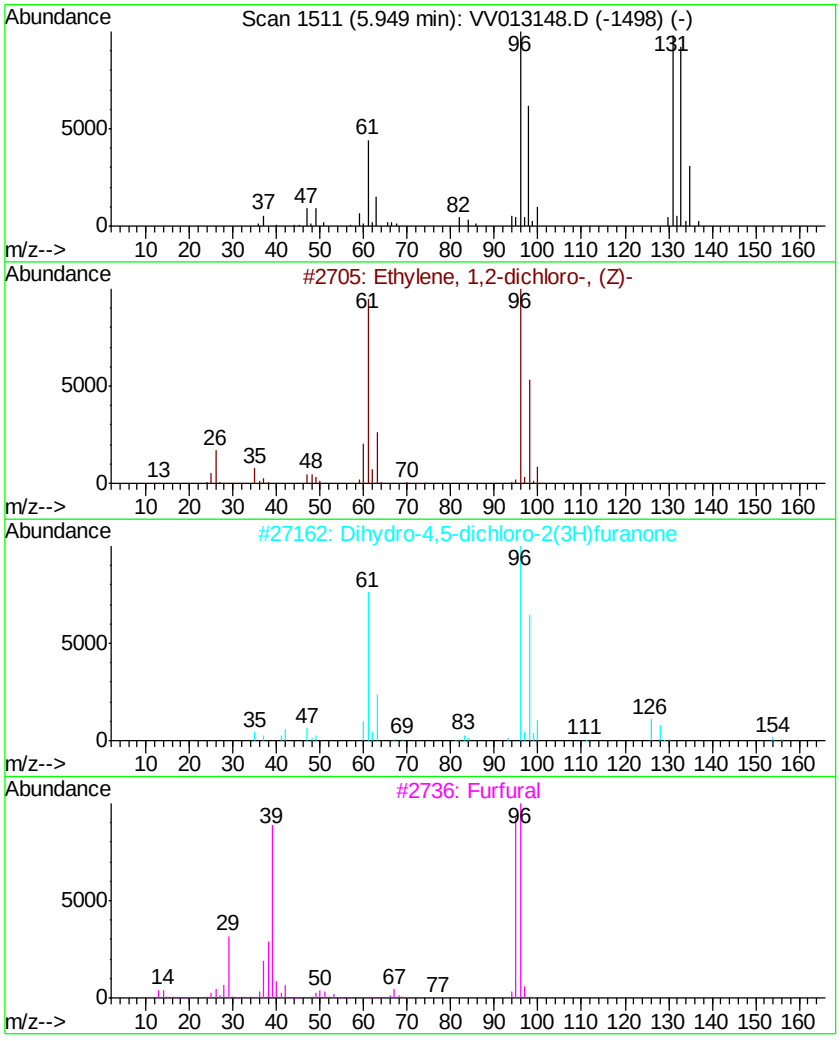
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

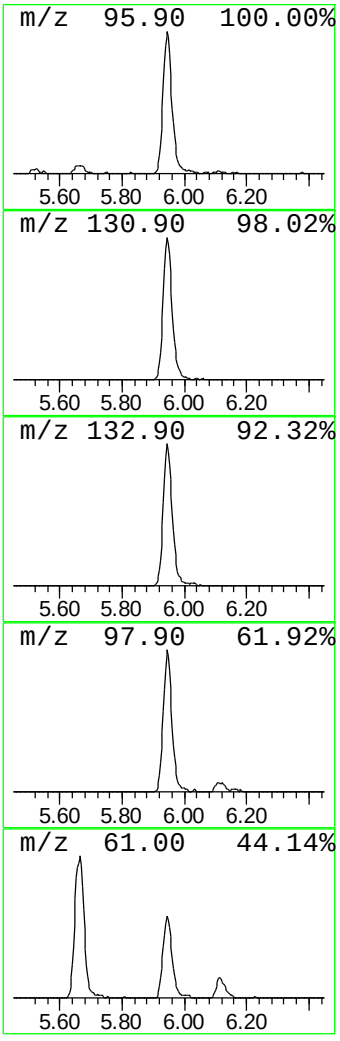
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	4.08 ug/L	134267	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	12
3	Furfural	96	C5H4O2	000098-01-1	9
4	4(1H)-Pyrimidinone	96	C4H4N2O	004562-27-0	9
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	4.1	ug/L	134267	1	5.66	1643430	50.0