LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091319\
Data File : VV012773.D
Acq On : 14 Sep 2019 18:09
Operator : SY/MD
Sample : K4867-06
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0MG5

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\SOMVLM091319WMA.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	66	71	83	rVB	266573	262553	10.06%	1.337%
2	1.576	145	151	165	rVB	246167	285263	10.93%	1.452%
3	2.129	313	323	335	rBV	486305	689191	26.40%	3.509%
4	2.303	371	377	396	rVB	43671	73766	2.83%	0.376%
5	2.907	563	565	567	rBV	876	548	0.02%	0.003%
6	2.942	573	576	577	rBV2	605	412	0.02%	0.002%
7	3.077	616	618	626	rVB4	834	849	0.03%	0.004%
8	3.142	634	638	641	rBV3	663	520	0.02%	0.003%
9	3.180	645	650	655	rVV5	1009	1152	0.04%	0.006%
10	3.296	683	686	690	rBV3	517	566	0.02%	0.003%
11	3.351	701	703	704	rBV2	356	154	0.01%	0.001%
12	3.383	711	713	714	rBV2	403	184	0.01%	0.001%
13	3.454	732	735	739	rVB3	730	474	0.02%	0.002%
14	3.505	748	751	758	rVB5	999	872	0.03%	0.004%
15	3.557	763	767	770	rBV2	1118	927	0.04%	0.005%
16	3.602	779	781	783	rBV2	488	317	0.01%	0.002%
17	3.682	804	806	809	rVB2	1064	519	0.02%	0.003%
18	3.698	809	811	813	rBV	401	195	0.01%	0.001%
19	3.711	813	815	817	rVV3	571	279	0.01%	0.001%
20	3.740	820	824	826	rBV4	660	466	0.02%	0.002%
21	3.749	826	827	829	rBV	407	120	0.00%	0.001%
22	3.775	833	835	838	rBV2	403	299	0.01%	0.002%
23	3.791	838	840	845	rVB3	544	399	0.02%	0.002%
24	3.830	848	852	853	rBV2	705	483	0.02%	0.002%
25	3.875	862	866	868	rBV4	723	550	0.02%	0.003%
26	3.923	869	881	923	rBV2	285656	832568	31.90%	4.239%
27	4.399	1012	1029	1053	rBV	464433	1123625	43.05%	5.721%
28	4.820	1157	1160	1165	rBV6	987	790	0.03%	0.004%
29	4.846	1165	1168	1171	rVB4	955	653	0.03%	0.003%
30	4.875	1171	1177	1178	rBV3	1178	1059	0.04%	0.005%
31	4.913	1185	1189	1192	rBV3	649	638	0.02%	0.003%
32	5.093	1225	1245	1274	rBV2	1020343	2610219	100.00%	13.291%
33	5.428	1347	1349	1350	rBV2	1000	360	0.01%	0.002%
34	5.502	1370	1372	1375	rBV2	616	411	0.02%	0.002%

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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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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
Title : VOC Analysis

35	5.527	1378	1380	1387	rVV7	952	977	0.04%	0.005%
36	5.579	1394	1396	1399	rVB3	935	478	0.02%	0.002%
37	5.598	1399	1402	1405	rBV3	954	598	0.02%	0.003%
38	5.663	1408	1422	1448	rBV	818417	1612012	61.76%	8.208%
39	5.881	1488	1490	1495	rVB4	1461	938	0.04%	0.005%
40	5.945	1495	1510	1530	rBV	116268	244489	9.37%	1.245%
41	6.116	1547	1563	1587	rBV	652096	1321569	50.63%	6.729%
42	6.495	1677	1681	1685	rBV4	732	701	0.03%	0.004%
43	6.515	1685	1687	1689	rBV2	848	395	0.02%	0.002%
44	6.527	1689	1691	1695	rVB3	1145	752	0.03%	0.004%
45	6.556	1695	1700	1701	rBV3	785	490	0.02%	0.002%
46	6.656	1717	1731	1742	rBV5	5664	14331	0.55%	0.073%
47	6.769	1763	1766	1769	rBV4	870	732	0.03%	0.004%
48	6.830	1780	1785	1788	rBV4	828	633	0.02%	0.003%
49	6.846	1788	1790	1791	rBV2	913	332	0.01%	0.002%
50	6.952	1821	1823	1824	rBV2	453	162	0.01%	0.001%
51	7.029	1834	1847	1869	rBV	303861	546337	20.93%	2.782%
52	7.170	1886	1891	1895	rBV5	3398	4142	0.16%	0.021%
53	7.357	1936	1949	1974	rBV	1109595	1912286	73.26%	9.737%
54	7.662	2032	2044	2063	rBV	220178	373643	14.31%	1.903%
55	8.055	2163	2166	2167	rBV3	547	368	0.01%	0.002%
56	8.129	2178	2189	2236	rBV2	686374	1468868	56.27%	7.479%
57	8.675	2356	2359	2360	rBV2	902	452	0.02%	0.002%
58	8.746	2377	2381	2382	rBV3	1003	636	0.02%	0.003%
59	8.894	2413	2427	2455	rBV	1179538	1928899	73.90%	9.822%
60	9.135	2500	2502	2503	rBV	746	274	0.01%	0.001%
61	9.148	2504	2506	2508	rVB2	1015	369	0.01%	0.002%
62	9.235	2529	2533	2534	rBV2	1491	1020	0.04%	0.005%
63	9.347	2566	2568	2570	rVB2	1160	549	0.02%	0.003%
64	9.360	2570	2572	2573	rBV	568	245	0.01%	0.001%
65	9.370	2573	2575	2576	rBV	807	350	0.01%	0.002%
66	9.434	2593	2595	2599	rVB3	649	381	0.01%	0.002%
67	9.588	2636	2643	2646	rBV6	1479	2020	0.08%	0.010%
68	9.640	2656	2659	2663	rVB	595	379	0.01%	0.002%
69	9.695	2673	2676	2677	rBV	489	224	0.01%	0.001%
70	9.720	2683	2684	2685	rVB	492	95	0.00%	0.000%
71	9.749	2689	2693	2695	rBV3	494	335	0.01%	0.002%

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ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0MG5

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\SOMVLM091319WMA.M
Title : VOC Analysis

72	9.920	2745	2746	2748	rVB	493	136	0.01%	0.001%
73	9.977	2761	2764	2767	rVB3	1142	723	0.03%	0.004%
74	9.990	2767	2768	2770	rBV2	350	164	0.01%	0.001%
75	10.006	2770	2773	2774	rBV2	618	272	0.01%	0.001%
76	10.077	2792	2795	2800	rVB4	934	655	0.03%	0.003%
77	10.096	2800	2801	2803	rBV	433	135	0.01%	0.001%
78	10.113	2803	2806	2807	rBV2	550	285	0.01%	0.001%
79	10.125	2807	2810	2811	rBV2	534	240	0.01%	0.001%
80	10.161	2819	2821	2825	rBV2	502	375	0.01%	0.002%
81	10.209	2832	2836	2837	rBV2	384	310	0.01%	0.002%
82	10.257	2837	2851	2875	rVV	779678	1213822	46.50%	6.181%
83	10.418	2891	2901	2908	rBV7	3078	5375	0.21%	0.027%
84	10.598	2956	2957	2959	rVB	664	194	0.01%	0.001%
85	10.617	2959	2963	2965	rBV3	562	503	0.02%	0.003%
86	10.688	2983	2985	2986	rBV3	446	162	0.01%	0.001%
87	10.730	2996	2998	2999	rBV	414	138	0.01%	0.001%
88	10.939	3059	3063	3066	rBV5	874	779	0.03%	0.004%
89	11.010	3080	3085	3092	rBV3	1023	1139	0.04%	0.006%
90	11.045	3092	3096	3099	rVV3	866	651	0.02%	0.003%
91	11.138	3121	3125	3128	rBV3	779	670	0.03%	0.003%
92	11.154	3128	3130	3133	rVB3	906	472	0.02%	0.002%
93	11.293	3161	3173	3192	rBV	864993	1344908	51.52%	6.848%
94	11.540	3247	3250	3253	rVB3	582	295	0.01%	0.002%
95	11.669	3276	3290	3311	rBV	1101980	1731316	66.33%	8.815%
96	12.174	3445	3447	3449	rBV	640	284	0.01%	0.001%
97	12.662	3597	3599	3602	rBV3	934	544	0.02%	0.003%
98	12.810	3640	3645	3647	rBV4	1019	959	0.04%	0.005%
99	12.878	3664	3666	3667	rBV2	856	363	0.01%	0.002%
100	13.212	3767	3770	3773	rBV2	1013	787	0.03%	0.004%

Sum of corrected areas: 19639498

LSC Report - Integrated Chromatogram

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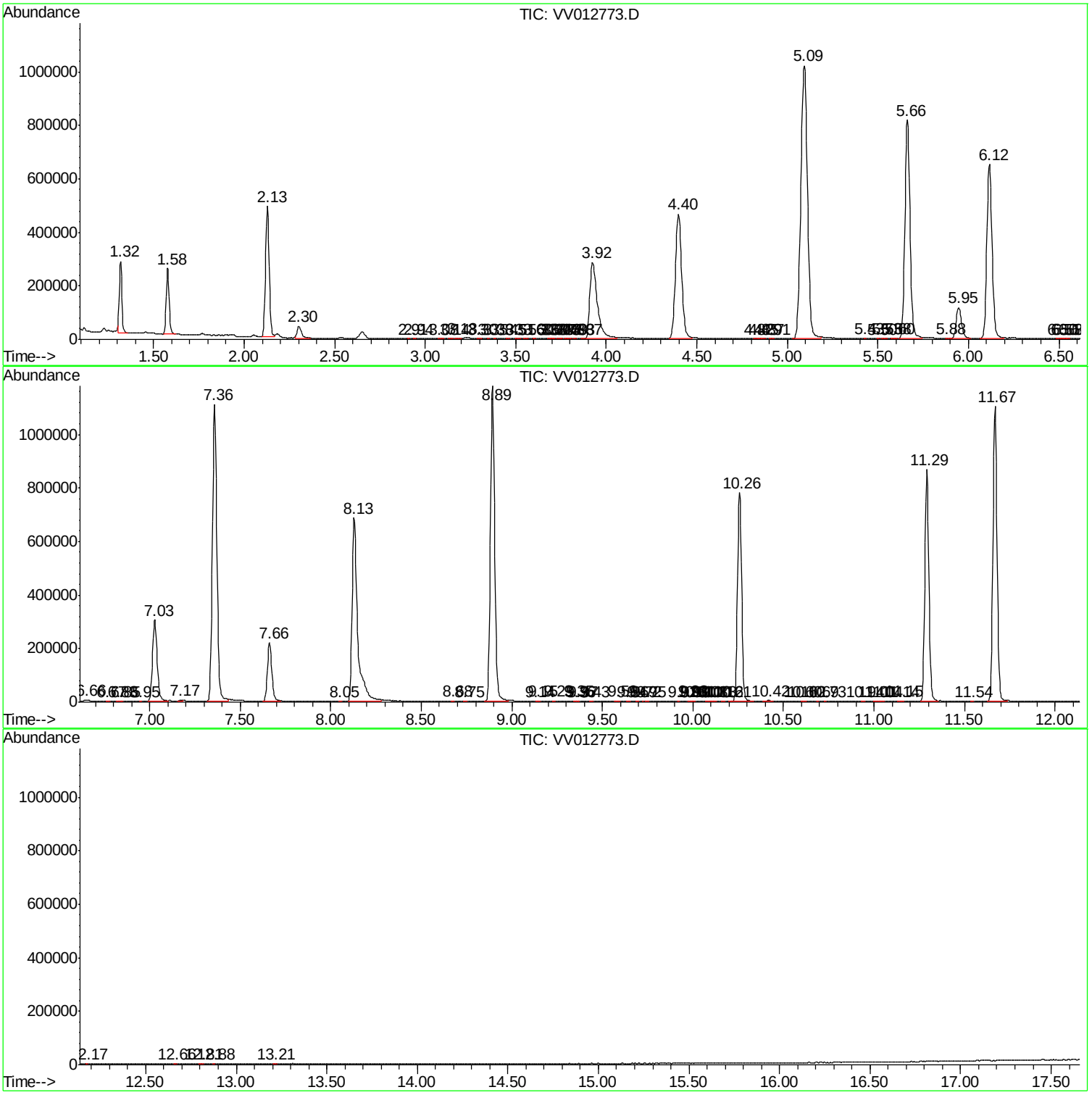
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0MG5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.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\VV091319\
Data File : VV012773.D
Acq On : 14 Sep 2019 18:09
Operator : SY/MD
Sample : K4867-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0MG5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
Quant Title : VOC Analysis

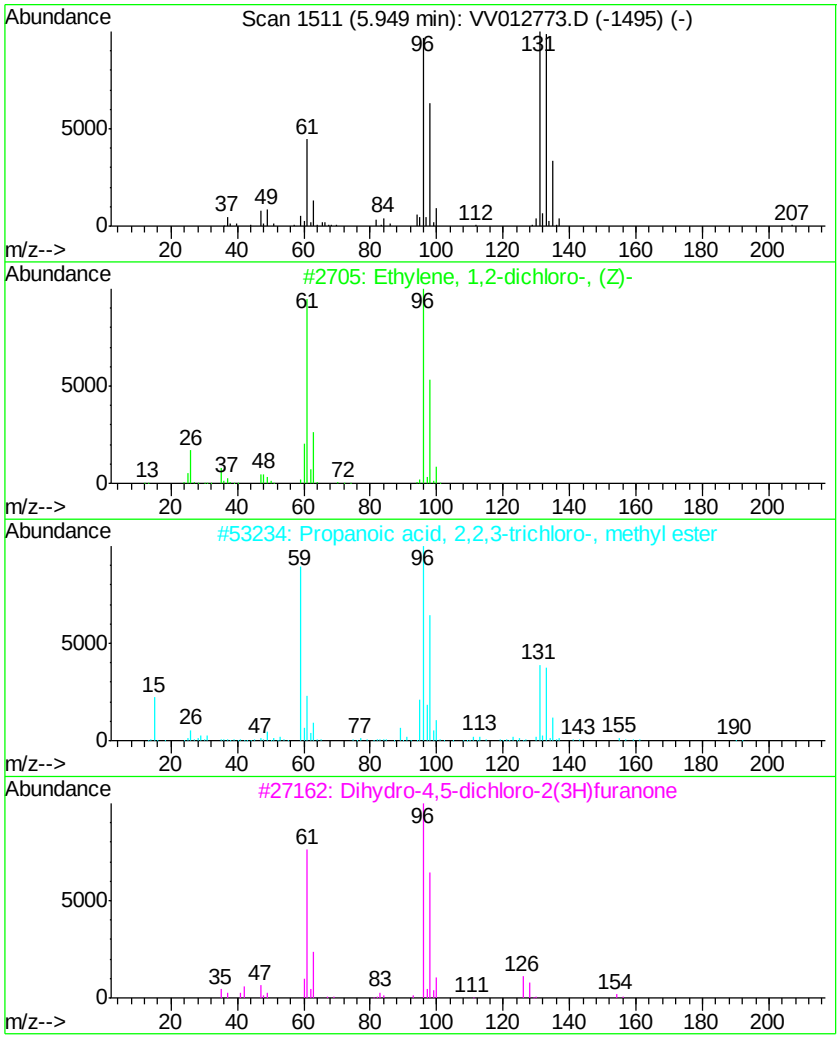
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

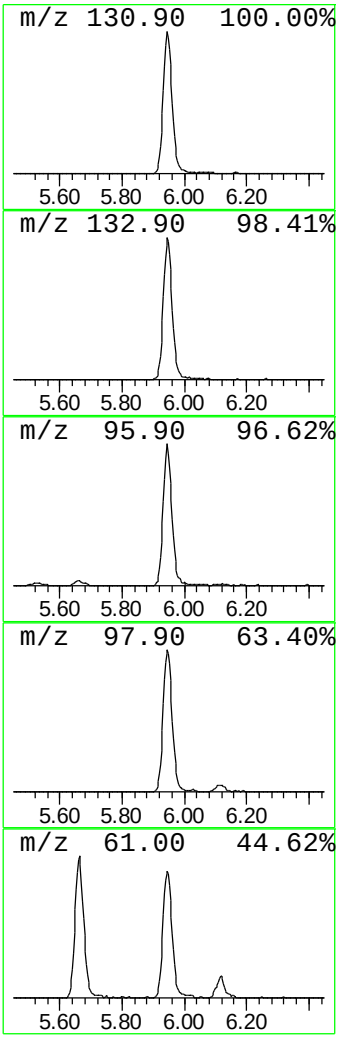
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	7.58 ug/L	244489	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	41
2	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	37
3	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	10
4	1,2,4-Triazolidin-3-one, 4-methy...	131	C3H5N3OS	022244-61-7	9
5	1H-Imidazole, 1-ethyl-	96	C5H8N2	007098-07-9	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	7.6	ug/L	244489	1	5.66	1612010	50.0