LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101519\
Data File : VV013167.D
Acq On : 15 Oct 2019 15:31
Operator : SY/MD
Sample : K5354-15
Misc : 5.00ML/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFBB8

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	1.225	39	42	48	rVB	11338	8281	0.27%	0.038%
2	1.315	63	70	92	rVB	415420	442899	14.37%	2.054%
3	1.582	145	153	167	rBV	357185	403671	13.10%	1.872%
4	2.126	312	322	335	rBV	701883	981467	31.85%	4.551%
5	3.174	646	648	655	rVB5	975	975	0.03%	0.005%
6	3.309	687	690	696	rVB5	488	499	0.02%	0.002%
7	3.360	703	706	709	rBV3	459	393	0.01%	0.002%
8	3.425	723	726	731	rVB3	514	404	0.01%	0.002%
9	3.495	746	748	752	rVB3	756	466	0.02%	0.002%
10	3.518	752	755	758	rBV	626	512	0.02%	0.002%
11	3.647	790	795	800	rBV2	743	664	0.02%	0.003%
12	3.798	839	842	846	rVB3	686	389	0.01%	0.002%
13	3.971	878	896	944	rBV	105460	614773	19.95%	2.850%
14	4.399	1013	1029	1059	rBV	473638	1157779	37.57%	5.368%
15	4.765	1139	1143	1146	rBV2	561	537	0.02%	0.002%
16	4.904	1183	1186	1189	rVB2	521	363	0.01%	0.002%
17	4.965	1201	1205	1209	rBV4	682	769	0.02%	0.004%
18	5.093	1226	1245	1287	rBV2	1252756	3081268	100.00%	14.287%
19	5.396	1336	1339	1342	rBV4	502	385	0.01%	0.002%
20	5.447	1348	1355	1361	rBV4	1352	1752	0.06%	0.008%
21	5.556	1386	1389	1392	rVB2	912	485	0.02%	0.002%
22	5.579	1392	1396	1399	rBV3	488	430	0.01%	0.002%
23	5.663	1404	1422	1464	rBV	882134	1763080	57.22%	8.175%
24	5.945	1494	1510	1530	rBV	107487	212579	6.90%	0.986%
25	6.116	1547	1563	1591	rBV	678120	1388634	45.07%	6.439%
26	6.331	1627	1630	1634	rBV3	666	457	0.01%	0.002%
27	6.405	1651	1653	1657	rVB3	821	541	0.02%	0.003%
28	6.428	1657	1660	1662	rBV3	747	434	0.01%	0.002%
29	6.457	1667	1669	1674	rVB4	680	431	0.01%	0.002%
30	6.540	1689	1695	1696	rBV3	652	582	0.02%	0.003%
31	6.630	1720	1723	1725	rBV2	1134	752	0.02%	0.003%
32	6.650	1725	1729	1730	rBV3	1725	1148	0.04%	0.005%
33	6.933	1814	1817	1822	rBV3	643	612	0.02%	0.003%
34	7.029	1834	1847	1872	rBV	339645	620255	20.13%	2.876%

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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFBB8

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	7.235	1909	1911	1916	rVB4	826	530	0.02%	0.002%
36	7.357	1935	1949	1968	rBV	1358932	2354781	76.42%	10.918%
37	7.662	2031	2044	2074	rVV	237996	410484	13.32%	1.903%
38	7.871	2107	2109	2112	rVB4	725	406	0.01%	0.002%
39	7.891	2112	2115	2117	rBV3	476	361	0.01%	0.002%
40	7.978	2138	2142	2146	rVV4	1278	1265	0.04%	0.006%
41	8.016	2148	2154	2163	rVB7	2941	4666	0.15%	0.022%
42	8.138	2177	2192	2231	rBV3	553705	1381363	44.83%	6.405%
43	8.543	2315	2318	2323	rVB6	794	782	0.03%	0.004%
44	8.653	2348	2352	2358	rBV2	1534	1419	0.05%	0.007%
45	8.682	2358	2361	2365	rBV3	683	560	0.02%	0.003%
46	8.814	2398	2402	2405	rBV4	575	492	0.02%	0.002%
47	8.839	2405	2410	2412	rBV3	932	717	0.02%	0.003%
48	8.894	2413	2427	2450	rBV	1268873	2072704	67.27%	9.610%
49	9.051	2473	2476	2480	rBV5	726	630	0.02%	0.003%
50	9.080	2483	2485	2489	rBV3	681	449	0.01%	0.002%
51	9.138	2500	2503	2508	rVB4	739	610	0.02%	0.003%
52	9.180	2508	2516	2525	rBV8	2343	4212	0.14%	0.020%
53	9.392	2579	2582	2585	rBV2	668	593	0.02%	0.003%
54	9.469	2603	2606	2611	rBV4	672	501	0.02%	0.002%
55	9.524	2621	2623	2627	rVB2	564	399	0.01%	0.002%
56	9.559	2630	2634	2638	rVB3	435	389	0.01%	0.002%
57	9.592	2638	2644	2648	rBV4	1464	1944	0.06%	0.009%
58	9.633	2655	2657	2662	rVB2	729	617	0.02%	0.003%
59	9.698	2673	2677	2680	rBV3	851	662	0.02%	0.003%
60	9.756	2691	2695	2696	rBV	770	463	0.02%	0.002%
61	9.855	2721	2726	2729	rBV2	1606	1355	0.04%	0.006%
62	9.945	2751	2754	2758	rVB3	548	419	0.01%	0.002%
63	10.051	2782	2787	2789	rBV3	699	636	0.02%	0.003%
64	10.096	2796	2801	2803	rVV4	573	535	0.02%	0.002%
65	10.125	2805	2810	2816	rVB4	997	1195	0.04%	0.006%
66	10.158	2816	2820	2822	rBV2	560	463	0.02%	0.002%
67	10.170	2822	2824	2828	rVB	758	412	0.01%	0.002%
68	10.257	2839	2851	2875	rBV	741761	1168522	37.92%	5.418%
69	10.424	2895	2903	2910	rVB5	1976	2939	0.10%	0.014%
70	10.666	2973	2978	2980	rBV2	717	514	0.02%	0.002%
71	10.727	2991	2997	2999	rBV2	979	1023	0.03%	0.005%

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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	10.778	3011	3013	3018	rVV	604	491	0.02%	0.002%
73	10.900	3046	3051	3053	rBV3	860	796	0.03%	0.004%
74	11.090	3108	3110	3112	rBV	779	416	0.01%	0.002%
75	11.119	3115	3119	3120	rBV	763	479	0.02%	0.002%
76	11.183	3134	3139	3142	rBV4	995	1103	0.04%	0.005%
77	11.202	3142	3145	3149	rVB4	831	674	0.02%	0.003%
78	11.293	3160	3173	3192	rBV	1008681	1562607	50.71%	7.245%
79	11.582	3254	3263	3277	rBV5	7082	14721	0.48%	0.068%
80	11.669	3277	3290	3315	rVV	1180646	1859809	60.36%	8.623%
81	12.170	3442	3446	3449	rBV2	553	462	0.01%	0.002%
82	12.354	3499	3503	3504	rBV2	726	614	0.02%	0.003%
83	12.392	3508	3515	3522	rBV6	3613	5817	0.19%	0.027%
84	12.489	3543	3545	3549	rBV2	1003	515	0.02%	0.002%
85	12.691	3606	3608	3611	rVV2	521	378	0.01%	0.002%
86	12.723	3613	3618	3624	rBV3	766	884	0.03%	0.004%
87	12.891	3667	3670	3673	rVB	614	422	0.01%	0.002%
88	12.932	3679	3683	3686	rBV2	867	695	0.02%	0.003%
89	13.022	3708	3711	3714	rVB2	858	438	0.01%	0.002%
90	13.090	3728	3732	3735	rBV3	939	920	0.03%	0.004%
91	13.800	3949	3953	3958	rVB5	832	807	0.03%	0.004%
92	13.919	3987	3990	3996	rVB3	856	694	0.02%	0.003%
93	13.964	4002	4004	4009	rVB3	1071	607	0.02%	0.003%
94	14.099	4043	4046	4050	rVB3	717	429	0.01%	0.002%
95	14.460	4156	4158	4161	rBV2	628	437	0.01%	0.002%
96	14.588	4195	4198	4203	rBV4	1013	1259	0.04%	0.006%
97	14.656	4217	4219	4221	rBV2	630	367	0.01%	0.002%
98	14.794	4259	4262	4265	rVB3	1451	831	0.03%	0.004%
99	14.868	4283	4285	4288	rBV3	669	492	0.02%	0.002%
100	15.006	4325	4328	4331	rBV3	827	606	0.02%	0.003%

Sum of corrected areas: 21567448

LSC Report - Integrated Chromatogram

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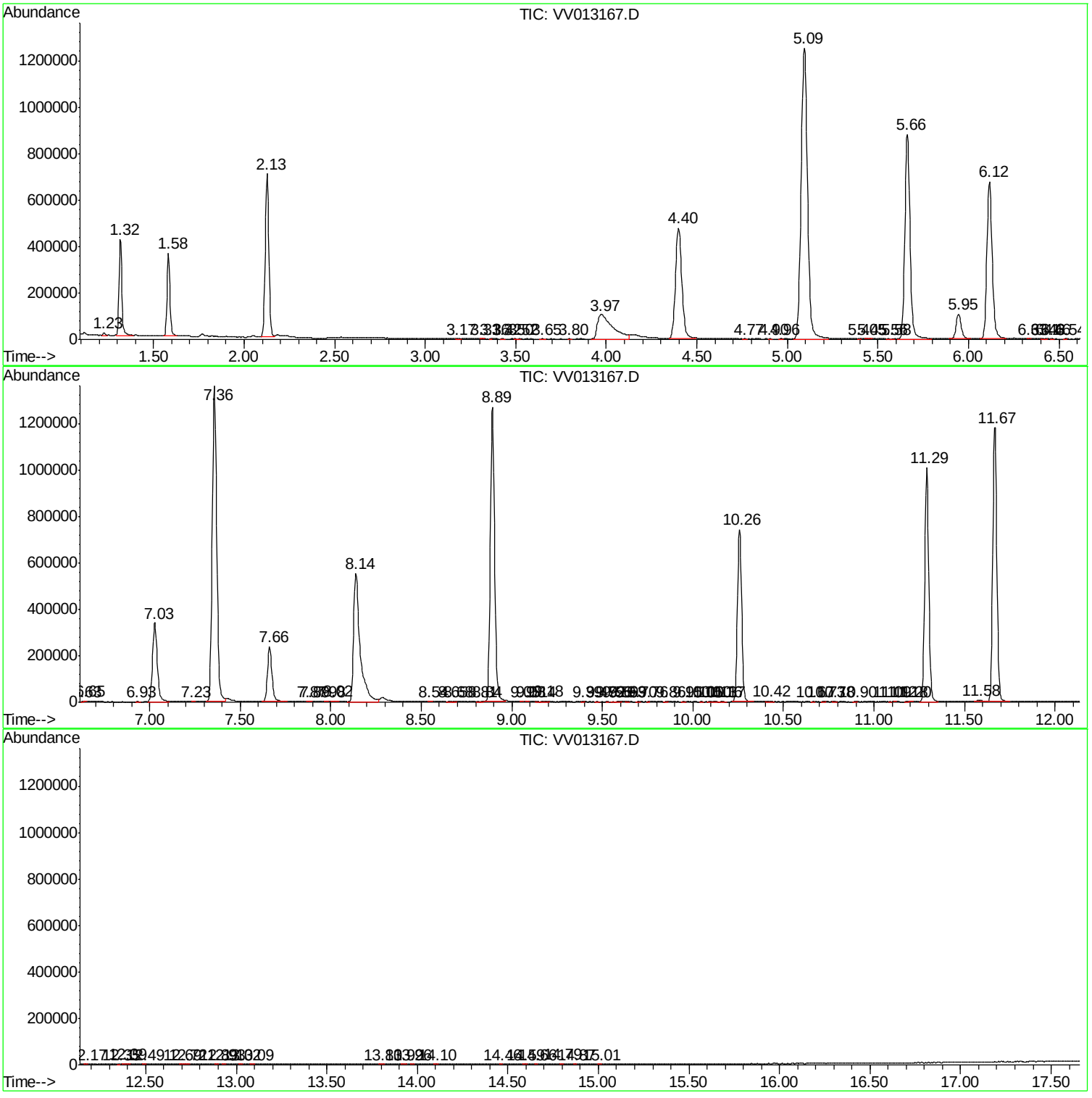
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFBB8

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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ClientSampleId : BFBB8

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

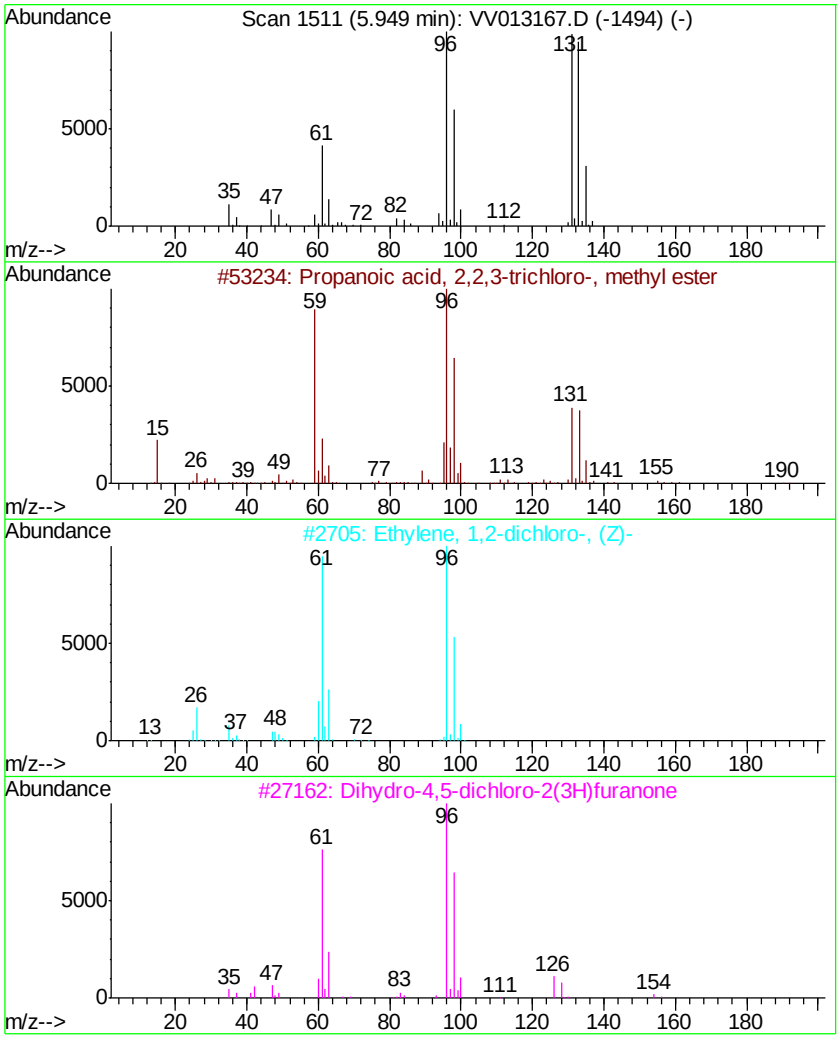
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

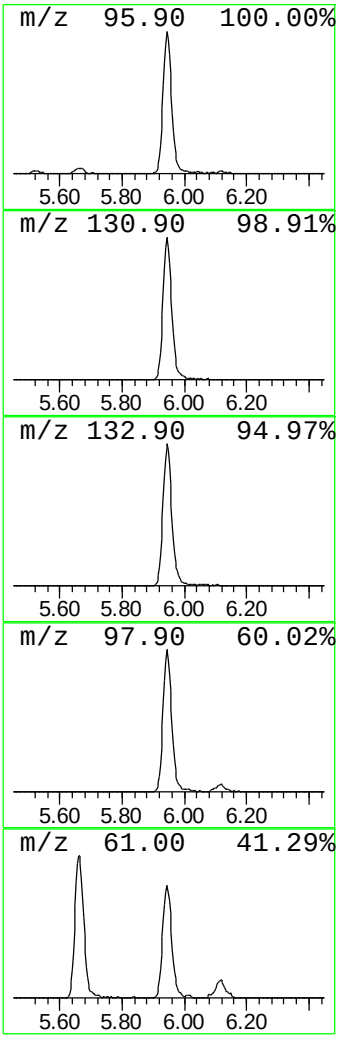
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	6.03 ug/L	212579	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	38
2	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	30
3	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	17
4	Difluoro(methylamino)phosphine s...	131	CH4F2NPS	1000306-16-8	10
5	Benzonitrile, 4-methoxy-	133	C8H7NO	000874-90-8	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	6.0	ug/L	212579	1	5.66	1763080	50.0