LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121418\
Data File : VV008966.D
Acq On : 15 Dec 2018 05:51
Operator : SY/MD
Sample : J6383-04
Misc : 5.0 mL/MSVOA V/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0938

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\SOMVLM121318WMA.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	1.322	66	72	86	rVB	72967	77127	10.97%	1.355%
2	1.563	141	147	160	rVB	55172	67057	9.53%	1.178%
3	2.129	313	323	334	rBV	186796	262974	37.39%	4.621%
4	2.319	370	382	405	rBV	8380	21805	3.10%	0.383%
5	2.438	417	419	425	rBV3	373	270	0.04%	0.005%
6	2.653	471	486	509	rVB	15662	35646	5.07%	0.626%
7	2.804	530	533	539	rVB2	354	368	0.05%	0.006%
8	2.833	539	542	545	rBV2	290	208	0.03%	0.004%
9	2.962	579	582	584	rBV2	206	140	0.02%	0.002%
10	2.997	585	593	600	rVV4	1473	2631	0.37%	0.046%
11	3.074	614	617	619	rBV2	221	146	0.02%	0.003%
12	3.126	630	633	636	rBV	299	293	0.04%	0.005%
13	3.151	636	641	644	rVV2	295	342	0.05%	0.006%
14	3.351	700	703	704	rBV	210	135	0.02%	0.002%
15	3.409	718	721	723	rVB2	288	163	0.02%	0.003%
16	3.428	724	727	731	rBV	175	199	0.03%	0.003%
17	3.569	769	771	774	rBV	189	148	0.02%	0.003%
18	3.618	782	786	789	rBV2	206	207	0.03%	0.004%
19	3.666	796	801	805	rBV	279	302	0.04%	0.005%
20	3.765	828	832	840	rVB	361	335	0.05%	0.006%
21	3.798	840	842	847	rBV	215	197	0.03%	0.003%
22	3.839	853	855	859	rBV	257	192	0.03%	0.003%
23	3.933	867	884	924	rBV2	54531	164447	23.38%	2.890%
24	4.331	1006	1008	1011	rBV2	250	143	0.02%	0.003%
25	4.405	1013	1031	1059	rVV	113207	279625	39.76%	4.914%
26	4.595	1087	1090	1094	rVB2	235	122	0.02%	0.002%
27	4.630	1096	1101	1104	rBV	201	223	0.03%	0.004%
28	4.833	1159	1164	1166	rBV	193	193	0.03%	0.003%
29	4.913	1186	1189	1194	rVB2	332	343	0.05%	0.006%
30	4.945	1194	1199	1201	rBV	256	266	0.04%	0.005%
31	5.097	1227	1246	1278	rBV2	273892	703276	100.00%	12.358%
32	5.277	1300	1302	1304	rBV	263	182	0.03%	0.003%
33	5.315	1312	1314	1316	rBV2	223	129	0.02%	0.002%
34	5.370	1327	1331	1333	rBV2	397	354	0.05%	0.006%

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Sample : J6383-04
Misc : 5.0 mL/MSVOA V/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0938

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\SOMVLM121318WMA.M
Title : VOC Analysis

35	5.437	1349	1352	1355	rBV2	165	138	0.02%	0.002%
36	5.518	1374	1377	1379	rBV2	244	162	0.02%	0.003%
37	5.553	1386	1388	1390	rBV	285	180	0.03%	0.003%
38	5.666	1407	1423	1454	rBV	232331	464690	66.08%	8.166%
39	5.949	1498	1511	1526	rBV	23586	47371	6.74%	0.832%
40	6.119	1547	1564	1584	rBV	153854	311231	44.25%	5.469%
41	6.283	1611	1615	1620	rVB3	378	431	0.06%	0.008%
42	6.315	1620	1625	1627	rBV	404	382	0.05%	0.007%
43	6.476	1673	1675	1679	rBV	169	138	0.02%	0.002%
44	6.531	1688	1692	1696	rBV	199	210	0.03%	0.004%
45	6.605	1712	1715	1717	rBV	224	159	0.02%	0.003%
46	6.656	1724	1731	1738	rVB2	222	364	0.05%	0.006%
47	6.695	1740	1743	1748	rVV2	171	161	0.02%	0.003%
48	6.830	1780	1785	1787	rBV	186	206	0.03%	0.004%
49	6.862	1792	1795	1797	rBV	290	187	0.03%	0.003%
50	6.923	1810	1814	1819	rBV	357	448	0.06%	0.008%
51	7.032	1836	1848	1866	rVV	82610	147891	21.03%	2.599%
52	7.183	1887	1895	1905	rBV4	3535	6004	0.85%	0.106%
53	7.293	1926	1929	1932	rBV	249	153	0.02%	0.003%
54	7.363	1937	1951	1971	rBV	325574	569656	81.00%	10.010%
55	7.621	2028	2031	2034	rVB	284	229	0.03%	0.004%
56	7.666	2034	2045	2062	rBV	59561	101214	14.39%	1.779%
57	7.794	2081	2085	2090	rBV2	335	484	0.07%	0.009%
58	7.839	2097	2099	2103	rVV	266	160	0.02%	0.003%
59	7.894	2112	2116	2120	rBV	204	163	0.02%	0.003%
60	7.984	2140	2144	2146	rBV	277	265	0.04%	0.005%
61	8.055	2163	2166	2168	rBV2	178	134	0.02%	0.002%
62	8.135	2180	2191	2222	rBV2	155571	324863	46.19%	5.709%
63	8.457	2287	2291	2293	rVB	304	170	0.02%	0.003%
64	8.476	2294	2297	2302	rBV2	193	192	0.03%	0.003%
65	8.604	2335	2337	2339	rBV	185	121	0.02%	0.002%
66	8.633	2343	2346	2348	rBV	271	128	0.02%	0.002%
67	8.678	2356	2360	2364	rBV2	255	303	0.04%	0.005%
68	8.711	2367	2370	2375	rBV2	142	158	0.02%	0.003%
69	8.830	2403	2407	2409	rBV	272	238	0.03%	0.004%
70	8.897	2416	2428	2456	rBV	331174	577664	82.14%	10.151%
71	9.116	2491	2496	2499	rBV	209	243	0.03%	0.004%

LSC Area Percent Report

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Operator : SY/MD
Sample : J6383-04
Misc : 5.0 mL/MSVOA V/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0938

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\SOMVLM121318WMA.M
Title : VOC Analysis

72	9.174	2512	2514	2516	rVB	321	135	0.02%	0.002%
73	9.190	2516	2519	2525	rBV2	286	213	0.03%	0.004%
74	9.280	2542	2547	2549	rBV	159	154	0.02%	0.003%
75	9.347	2564	2568	2571	rBV	218	199	0.03%	0.003%
76	9.559	2631	2634	2638	rBV2	240	174	0.02%	0.003%
77	9.852	2721	2725	2727	rBV	199	174	0.02%	0.003%
78	9.900	2737	2740	2744	rBV2	212	162	0.02%	0.003%
79	10.058	2785	2789	2792	rBV2	226	246	0.03%	0.004%
80	10.264	2842	2853	2876	rVB	177850	297480	42.30%	5.227%
81	10.476	2916	2919	2924	rVB2	209	137	0.02%	0.002%
82	10.501	2924	2927	2931	rBV	188	170	0.02%	0.003%
83	10.865	3037	3040	3042	rBV	223	136	0.02%	0.002%
84	11.228	3144	3153	3163	rBV2	7837	11806	1.68%	0.207%
85	11.299	3163	3175	3196	rVB	294979	494432	70.30%	8.688%
86	11.675	3280	3292	3319	rVB2	324414	678958	96.54%	11.931%
87	12.157	3439	3442	3443	rBV	351	178	0.03%	0.003%
88	12.167	3443	3445	3450	rVB2	443	268	0.04%	0.005%
89	12.260	3469	3474	3477	rBV2	230	245	0.03%	0.004%
90	12.402	3513	3518	3521	rBV2	259	292	0.04%	0.005%
91	12.694	3601	3609	3619	rVB3	3005	5142	0.73%	0.090%
92	12.845	3653	3656	3661	rBV2	344	322	0.05%	0.006%
93	12.926	3678	3681	3685	rBV	370	314	0.04%	0.006%
94	13.048	3716	3719	3723	rBV3	386	288	0.04%	0.005%
95	13.312	3794	3801	3811	rVB4	8522	11993	1.71%	0.211%
96	13.350	3811	3813	3816	rVB	329	175	0.02%	0.003%
97	13.370	3816	3819	3821	rBV2	238	149	0.02%	0.003%
98	13.556	3874	3877	3882	rBV	479	343	0.05%	0.006%
99	13.797	3945	3952	3961	rVB3	6691	9166	1.30%	0.161%
100	14.080	4037	4040	4043	rBV	390	328	0.05%	0.006%

Sum of corrected areas: 5690858

LSC Report - Integrated Chromatogram

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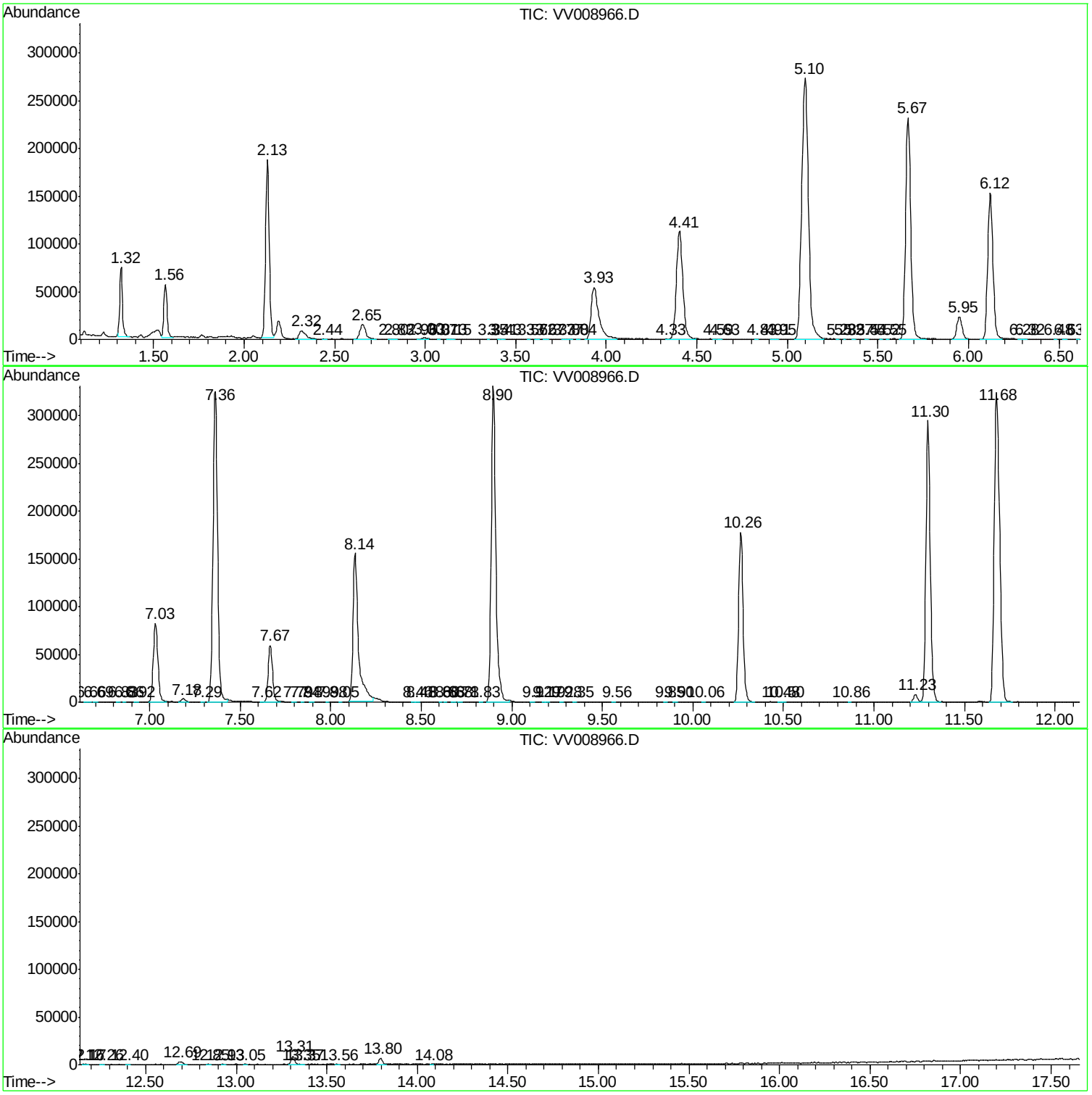
Sample : J6383-04
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0938

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis

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



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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis

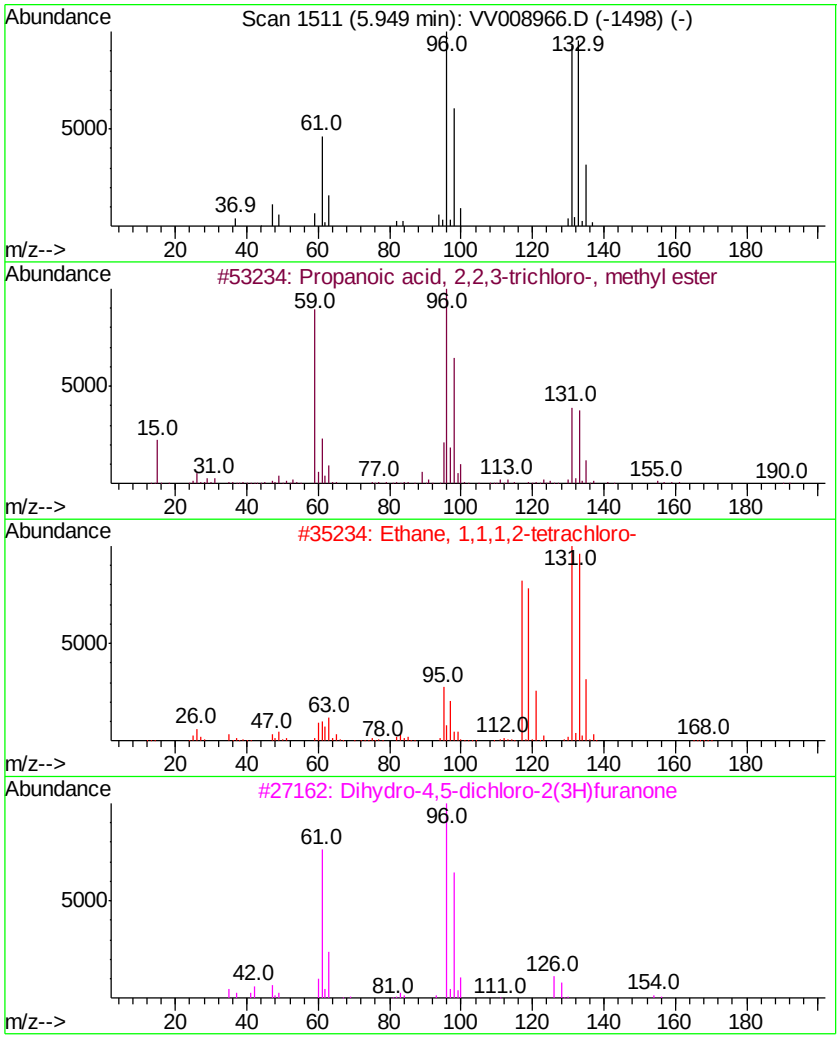
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

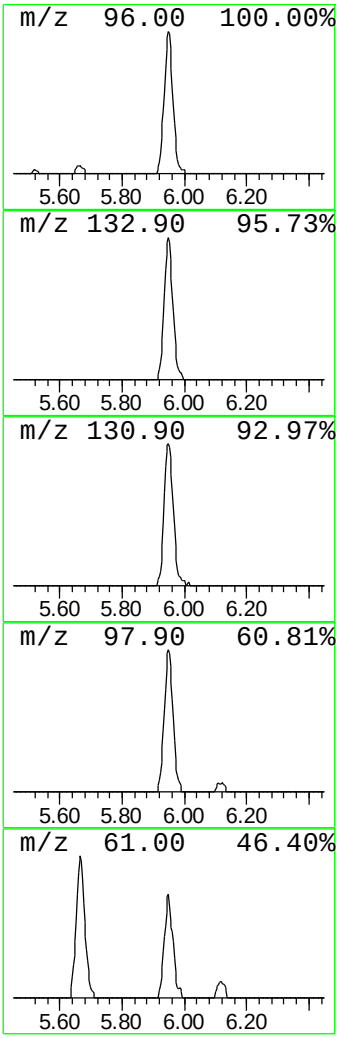
****

Peak Number 2 Propanoic acid, 2,2,3-trich... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	5.10 ug/L	47371	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	56
2	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	43
3	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	35
4	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	35
5	2H-Benzotriazole, 2-methyl-	133	C7H7N3	016584-00-2	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121418\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.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
Propanoic acid, 2...	5.95	5.1	ug/L	47371	1	5.67	464690	50.0