LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092820\
Data File : VV018488.D
Acq On : 28 Sep 2020 13:04
Operator : SY/MD
Sample : L4108-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3M1

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\SOMVLM090920WMA.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	1.113	4	7	21	rVB2	7373	8010	0.60%	0.074%
2	1.315	63	70	84	rVB	201866	200792	15.10%	1.852%
3	1.579	144	152	167	rBV	158661	179589	13.50%	1.656%
4	2.122	310	321	360	rVB	326003	508179	38.21%	4.686%
5	2.309	373	379	383	rBV3	688	875	0.07%	0.008%
6	2.547	440	453	466	rVB6	2872	7057	0.53%	0.065%
7	2.782	515	526	540	rVB3	4336	8656	0.65%	0.080%
8	2.878	552	556	563	rBV2	156	183	0.01%	0.002%
9	2.984	579	589	598	rVV4	1082	2019	0.15%	0.019%
10	3.065	601	614	629	rBV2	14702	29815	2.24%	0.275%
11	3.206	654	658	659	rBV2	347	262	0.02%	0.002%
12	3.319	689	693	700	rBV2	147	173	0.01%	0.002%
13	3.569	761	771	775	rBV6	1103	1836	0.14%	0.017%
14	3.698	805	811	813	rBV4	767	813	0.06%	0.007%
15	3.778	826	836	837	rBV2	591	592	0.04%	0.005%
16	3.791	837	840	848	rVB4	1036	1337	0.10%	0.012%
17	3.917	868	879	923	rBV	92512	298222	22.42%	2.750%
18	4.174	956	959	962	rBV3	457	309	0.02%	0.003%
19	4.376	1006	1022	1054	rVV	206763	506433	38.08%	4.670%
20	4.643	1102	1105	1108	rVV	197	173	0.01%	0.002%
21	4.659	1108	1110	1113	rVV2	306	182	0.01%	0.002%
22	4.682	1113	1117	1119	rVV2	222	185	0.01%	0.002%
23	4.823	1159	1161	1167	rVB2	259	198	0.01%	0.002%
24	4.913	1183	1189	1192	rBV	188	218	0.02%	0.002%
25	5.074	1221	1239	1251	rBV2	516495	1330058	100.00%	12.266%
26	5.566	1389	1392	1399	rVB2	258	218	0.02%	0.002%
27	5.643	1399	1416	1451	rBV	444680	885825	66.60%	8.169%
28	5.933	1494	1506	1523	rBV2	20788	44868	3.37%	0.414%
29	6.093	1542	1556	1591	rBV	288546	585797	44.04%	5.402%
30	6.354	1634	1637	1642	rBV	282	272	0.02%	0.003%
31	6.945	1814	1821	1823	rBV3	566	594	0.04%	0.005%
32	7.010	1830	1841	1866	rBV	168279	301080	22.64%	2.777%
33	7.286	1921	1927	1931	rVB5	556	487	0.04%	0.004%
34	7.338	1931	1943	1966	rBV	618907	1061536	79.81%	9.789%

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Instrument : MSVOA_V
ClientSampleId : BG3M1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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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\SOMVLM090920WMA.M
Title : VOC Analysis

35	7.592	2016	2022	2028	rBV5	1735	1994	0.15%	0.018%
36	7.643	2028	2038	2065	rBV	120042	205835	15.48%	1.898%
37	7.961	2124	2137	2145	rVV2	9053	16700	1.26%	0.154%
38	8.000	2145	2149	2159	rVB3	4765	6625	0.50%	0.061%
39	8.109	2172	2183	2226	rBV	306118	581387	43.71%	5.362%
40	8.270	2230	2233	2234	rBV2	742	487	0.04%	0.004%
41	8.367	2259	2263	2267	rVB4	583	515	0.04%	0.005%
42	8.691	2355	2364	2371	rBV5	853	1152	0.09%	0.011%
43	8.814	2396	2402	2406	rBV3	605	601	0.05%	0.006%
44	8.871	2409	2420	2449	rBV	681340	1089257	81.90%	10.045%
45	9.116	2492	2496	2499	rBV2	263	242	0.02%	0.002%
46	9.167	2504	2512	2518	rBV	1065	1482	0.11%	0.014%
47	9.228	2523	2531	2540	rBV4	2834	4934	0.37%	0.046%
48	9.498	2611	2615	2621	rVB2	743	693	0.05%	0.006%
49	9.569	2632	2637	2642	rBV	615	680	0.05%	0.006%
50	9.733	2682	2688	2695	rBV3	1277	1719	0.13%	0.016%
51	9.833	2710	2719	2724	rBV5	1084	1896	0.14%	0.017%
52	10.106	2793	2804	2810	rBV6	1793	3685	0.28%	0.034%
53	10.138	2810	2814	2823	rVB5	2732	3577	0.27%	0.033%
54	10.238	2831	2845	2871	rBV	370830	587360	44.16%	5.417%
55	10.402	2882	2896	2908	rVB	15775	26372	1.98%	0.243%
56	10.473	2909	2918	2932	rBV2	4567	9448	0.71%	0.087%
57	10.531	2932	2936	2942	rVV5	1213	1865	0.14%	0.017%
58	10.563	2943	2946	2950	rVV3	2008	2226	0.17%	0.021%
59	10.601	2950	2958	2972	rVB3	15142	23658	1.78%	0.218%
60	10.714	2986	2993	2995	rBV3	958	956	0.07%	0.009%
61	10.849	3031	3035	3037	rBV	685	641	0.05%	0.006%
62	10.900	3043	3051	3056	rBV3	3070	4425	0.33%	0.041%
63	10.939	3057	3063	3074	rVB2	7128	10493	0.79%	0.097%
64	11.051	3092	3098	3105	rBV4	1254	2017	0.15%	0.019%
65	11.080	3105	3107	3108	rVV	582	278	0.02%	0.003%
66	11.119	3112	3119	3126	rVB5	1263	1757	0.13%	0.016%
67	11.177	3129	3137	3144	rBV7	3685	5470	0.41%	0.050%
68	11.270	3155	3166	3187	rBV	737480	1125774	84.64%	10.382%
69	11.485	3226	3233	3241	rVB3	2889	4139	0.31%	0.038%
70	11.553	3243	3254	3271	rBV3	7756	17596	1.32%	0.162%
71	11.646	3271	3283	3306	rVB	668471	1037593	78.01%	9.569%

LSC Area Percent Report

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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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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Title : VOC Analysis

72	11.810	3324	3334	3342	rBV2	17163	24941	1.88%	0.230%
73	11.968	3369	3383	3388	rBV2	1977	4237	0.32%	0.039%
74	12.084	3414	3419	3420	rBV3	353	314	0.02%	0.003%
75	12.145	3433	3438	3444	rVV5	1209	1588	0.12%	0.015%
76	12.212	3456	3459	3466	rVB3	775	811	0.06%	0.007%
77	12.273	3466	3478	3491	rBV3	6262	10805	0.81%	0.100%
78	12.383	3503	3512	3513	rBV4	3151	3878	0.29%	0.036%
79	12.492	3537	3546	3552	rBV6	4177	6002	0.45%	0.055%
80	12.524	3552	3556	3563	rVB2	2233	2299	0.17%	0.021%
81	12.563	3566	3568	3571	rBV3	314	190	0.01%	0.002%
82	12.611	3578	3583	3589	rVB4	1588	1726	0.13%	0.016%
83	12.669	3598	3601	3609	rVB6	782	870	0.07%	0.008%
84	12.755	3622	3628	3633	rVB4	748	876	0.07%	0.008%
85	12.817	3643	3647	3649	rBV2	394	309	0.02%	0.003%
86	12.907	3668	3675	3686	rBV4	8762	13144	0.99%	0.121%
87	12.968	3692	3694	3698	rVB4	518	317	0.02%	0.003%
88	12.987	3698	3700	3706	rVB2	340	278	0.02%	0.003%
89	13.026	3706	3712	3713	rBV2	548	456	0.03%	0.004%
90	13.061	3717	3723	3730	rBV5	1583	2763	0.21%	0.025%
91	13.116	3738	3740	3746	rVB3	485	339	0.03%	0.003%
92	13.145	3747	3749	3752	rBV3	354	203	0.02%	0.002%
93	13.292	3788	3795	3801	rBV6	2081	2829	0.21%	0.026%
94	13.421	3831	3835	3840	rBV2	503	534	0.04%	0.005%
95	13.460	3840	3847	3850	rVV4	443	581	0.04%	0.005%
96	13.534	3863	3870	3876	rBV3	3726	4775	0.36%	0.044%
97	13.923	3984	3991	4002	rBV4	3077	4556	0.34%	0.042%
98	14.026	4018	4023	4026	rBV3	408	392	0.03%	0.004%
99	15.617	4514	4518	4522	rBV4	859	780	0.06%	0.007%
100	15.694	4539	4542	4545	rBV2	576	532	0.04%	0.005%

Sum of corrected areas: 10843697

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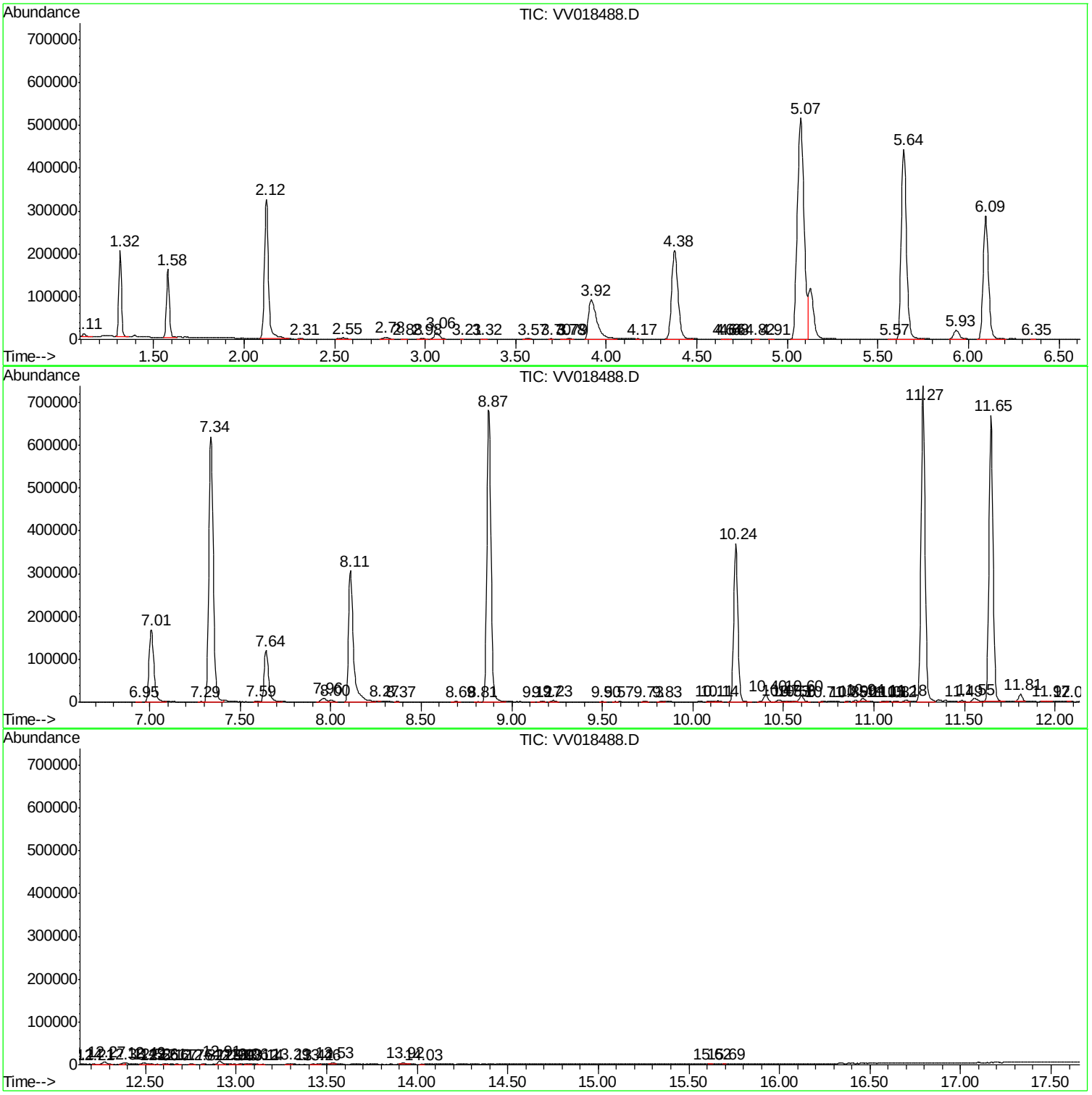
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

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ClientSampleId : BG3M1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

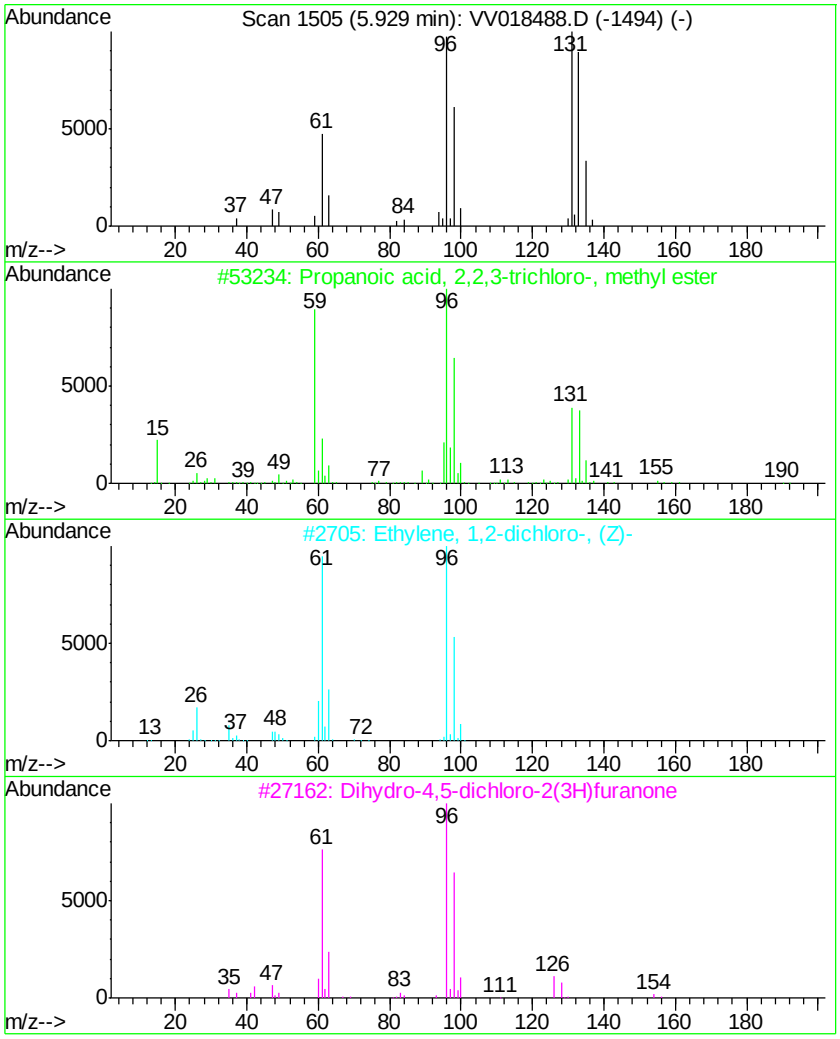
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

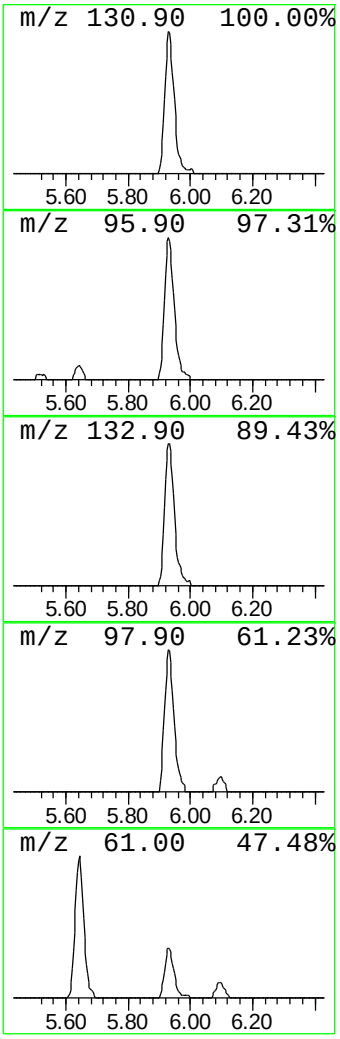
****

Peak Number 1 Propanoic acid, 2,2,3-trich... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.53 ug/L	44868	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	56
2	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	35
3	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	25
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
Propanoic acid, 2...	5.93	2.5	ug/L	44868	1	5.64	885825	50.0