LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081720\
Data File : VV018037.D
Acq On : 17 Aug 2020 19:54
Operator : SY/MD
Sample : L3665-08
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

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\SOMVLM081120WMA.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	1.315	63	70	86	rVB	147656	148976	14.72%	1.917%
2	1.576	143	151	164	rBV	125026	143173	14.15%	1.843%
3	2.122	310	321	351	rVB	257726	393516	38.89%	5.065%
4	2.229	351	354	356	rBV	311	199	0.02%	0.003%
5	2.299	373	376	377	rBV	312	140	0.01%	0.002%
6	2.524	439	446	455	rVB5	2119	3082	0.30%	0.040%
7	2.624	472	477	479	rBV2	191	161	0.02%	0.002%
8	2.778	521	525	527	rBV2	172	147	0.01%	0.002%
9	3.171	644	647	652	rVB2	147	116	0.01%	0.001%
10	3.270	674	678	681	rVB2	212	160	0.02%	0.002%
11	3.302	681	688	693	rVB2	156	187	0.02%	0.002%
12	3.335	693	698	700	rBV	191	171	0.02%	0.002%
13	3.714	814	816	821	rVB2	179	128	0.01%	0.002%
14	3.907	864	876	919	rBV2	75514	230077	22.74%	2.961%
15	4.238	976	979	984	rVB2	281	185	0.02%	0.002%
16	4.274	984	990	991	rBV	218	213	0.02%	0.003%
17	4.376	1005	1022	1054	rBV	159997	399779	39.51%	5.145%
18	4.515	1063	1065	1069	rVB2	261	176	0.02%	0.002%
19	4.540	1072	1073	1077	rVB	266	154	0.02%	0.002%
20	4.569	1077	1082	1085	rBV2	208	228	0.02%	0.003%
21	4.666	1106	1112	1115	rBV2	197	185	0.02%	0.002%
22	4.737	1130	1134	1140	rBV	98	110	0.01%	0.001%
23	4.810	1155	1157	1162	rVB	142	124	0.01%	0.002%
24	4.836	1162	1165	1172	rBV2	121	127	0.01%	0.002%
25	5.071	1219	1238	1268	rBV2	397987	1011742	100.00%	13.021%
26	5.511	1369	1375	1379	rBV3	193	245	0.02%	0.003%
27	5.640	1403	1415	1442	rBV	325938	648945	64.14%	8.352%
28	5.862	1481	1484	1487	rVB3	211	137	0.01%	0.002%
29	5.929	1494	1505	1526	rVB3	18615	38660	3.82%	0.498%
30	6.039	1536	1539	1542	rBV2	124	110	0.01%	0.001%
31	6.093	1542	1556	1579	rBV	225746	458318	45.30%	5.899%
32	6.421	1651	1658	1663	rBV2	190	250	0.02%	0.003%
33	6.457	1666	1669	1674	rBV2	123	112	0.01%	0.001%
34	6.553	1696	1699	1706	rVB2	154	157	0.02%	0.002%

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ALS Vial : 27 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
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Title : VOC Analysis

35	6.691	1739	1742	1748	rVB	161	128	0.01%	0.002%
36	6.730	1748	1754	1757	rBV2	140	133	0.01%	0.002%
37	6.839	1785	1788	1795	rVB	233	154	0.02%	0.002%
38	6.875	1796	1799	1806	rVB	126	119	0.01%	0.002%
39	6.920	1806	1813	1815	rBV2	140	172	0.02%	0.002%
40	7.007	1829	1840	1871	rBV	117544	211864	20.94%	2.727%
41	7.113	1871	1873	1875	rVB2	387	166	0.02%	0.002%
42	7.209	1900	1903	1908	rVB2	308	181	0.02%	0.002%
43	7.254	1915	1917	1921	rVB2	177	116	0.01%	0.001%
44	7.286	1922	1927	1931	rBV2	148	162	0.02%	0.002%
45	7.338	1931	1943	1966	rBV	458917	782715	77.36%	10.073%
46	7.572	2014	2016	2020	rVB2	243	178	0.02%	0.002%
47	7.643	2025	2038	2057	rBV	83909	143947	14.23%	1.853%
48	7.769	2075	2077	2080	rVB2	316	167	0.02%	0.002%
49	7.788	2080	2083	2088	rVB2	222	192	0.02%	0.002%
50	7.920	2119	2124	2128	rVB	175	150	0.01%	0.002%
51	8.055	2161	2166	2170	rBV2	124	160	0.02%	0.002%
52	8.109	2173	2183	2230	rBV2	184283	369780	36.55%	4.759%
53	8.383	2265	2268	2270	rBV2	162	129	0.01%	0.002%
54	8.408	2275	2276	2280	rVV2	155	120	0.01%	0.002%
55	8.441	2280	2286	2295	rVB3	1210	1899	0.19%	0.024%
56	8.511	2304	2308	2310	rBV2	211	131	0.01%	0.002%
57	8.717	2366	2372	2375	rVB	178	172	0.02%	0.002%
58	8.746	2375	2381	2383	rBV2	151	171	0.02%	0.002%
59	8.871	2408	2420	2448	rBV	508018	815854	80.64%	10.500%
60	9.068	2479	2481	2488	rVB	238	176	0.02%	0.002%
61	9.187	2515	2518	2523	rVB	145	123	0.01%	0.002%
62	9.318	2556	2559	2565	rBV2	149	173	0.02%	0.002%
63	9.357	2565	2571	2574	rBV	222	176	0.02%	0.002%
64	9.466	2600	2605	2610	rBV2	172	218	0.02%	0.003%
65	9.508	2615	2618	2625	rVB2	186	191	0.02%	0.002%
66	9.556	2627	2633	2636	rBV	141	144	0.01%	0.002%
67	9.752	2689	2694	2698	rBV2	215	234	0.02%	0.003%
68	9.839	2715	2721	2724	rBV	151	178	0.02%	0.002%
69	9.891	2732	2737	2740	rBV	205	198	0.02%	0.003%
70	9.923	2744	2747	2756	rVV	266	222	0.02%	0.003%
71	10.119	2801	2808	2813	rBV2	185	301	0.03%	0.004%

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ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

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\SOMVLM081120WMA.M
Title : VOC Analysis

72	10.238	2833	2845	2870	rVB	279302	432776	42.78%	5.570%
73	10.328	2870	2873	2875	rBV2	206	148	0.01%	0.002%
74	10.547	2938	2941	2947	rVV2	174	167	0.02%	0.002%
75	10.846	3031	3034	3036	rBV2	149	108	0.01%	0.001%
76	10.891	3043	3048	3051	rBV2	169	151	0.01%	0.002%
77	10.932	3057	3061	3064	rBV2	285	194	0.02%	0.002%
78	11.035	3090	3093	3097	rVB2	219	168	0.02%	0.002%
79	11.157	3126	3131	3133	rBV	112	112	0.01%	0.001%
80	11.270	3154	3166	3184	rBV	496797	769309	76.04%	9.901%
81	11.518	3239	3243	3245	rBV	235	138	0.01%	0.002%
82	11.646	3270	3283	3306	rBV	485283	751943	74.32%	9.677%
83	11.839	3341	3343	3347	rVB	201	136	0.01%	0.002%
84	11.936	3370	3373	3382	rBV2	327	387	0.04%	0.005%
85	12.077	3414	3417	3421	rVB	244	163	0.02%	0.002%
86	12.100	3421	3424	3427	rBV2	201	150	0.01%	0.002%
87	12.408	3518	3520	3526	rBV2	127	136	0.01%	0.002%
88	12.540	3558	3561	3564	rVB2	221	126	0.01%	0.002%
89	12.595	3575	3578	3581	rBV	152	124	0.01%	0.002%
90	12.611	3581	3583	3587	rVB	227	137	0.01%	0.002%
91	12.739	3619	3623	3626	rBV	220	159	0.02%	0.002%
92	12.878	3663	3666	3670	rBV2	133	130	0.01%	0.002%
93	13.035	3709	3715	3717	rBV	236	165	0.02%	0.002%
94	13.315	3800	3802	3806	rVB2	267	146	0.01%	0.002%
95	13.337	3806	3809	3815	rBV2	134	165	0.02%	0.002%
96	14.054	4029	4032	4038	rVB2	400	368	0.04%	0.005%
97	14.154	4061	4063	4067	rBV2	270	173	0.02%	0.002%
98	14.286	4102	4104	4108	rVB3	246	141	0.01%	0.002%
99	14.344	4119	4122	4124	rBV2	271	189	0.02%	0.002%
100	16.193	4693	4697	4698	rBV2	524	363	0.04%	0.005%

Sum of corrected areas: 7770056

LSC Report - Integrated Chromatogram

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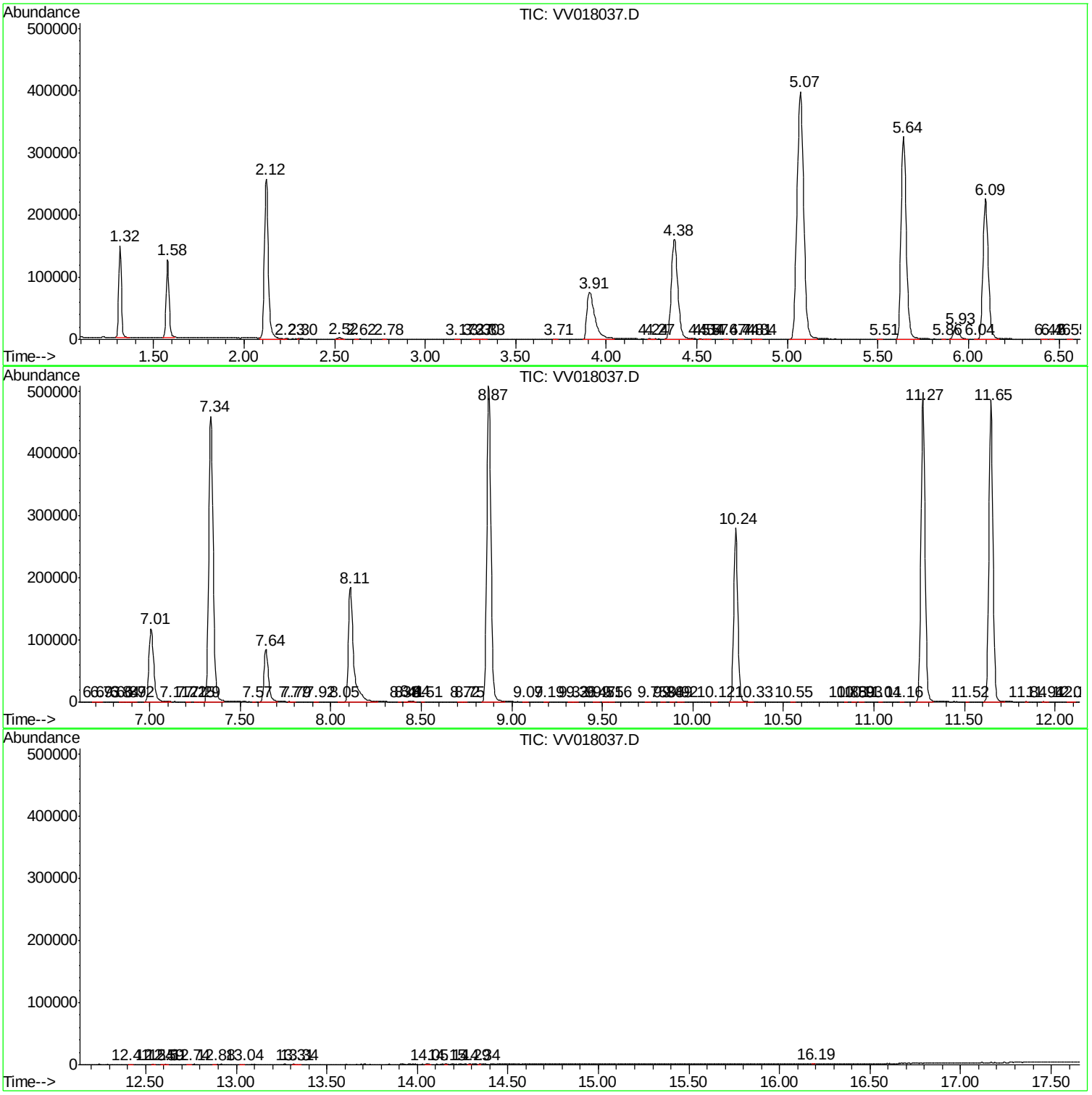
Instrument : MSVOA_V
ClientSampleId : VHBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.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\VV081720\
Data File : VV018037.D
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

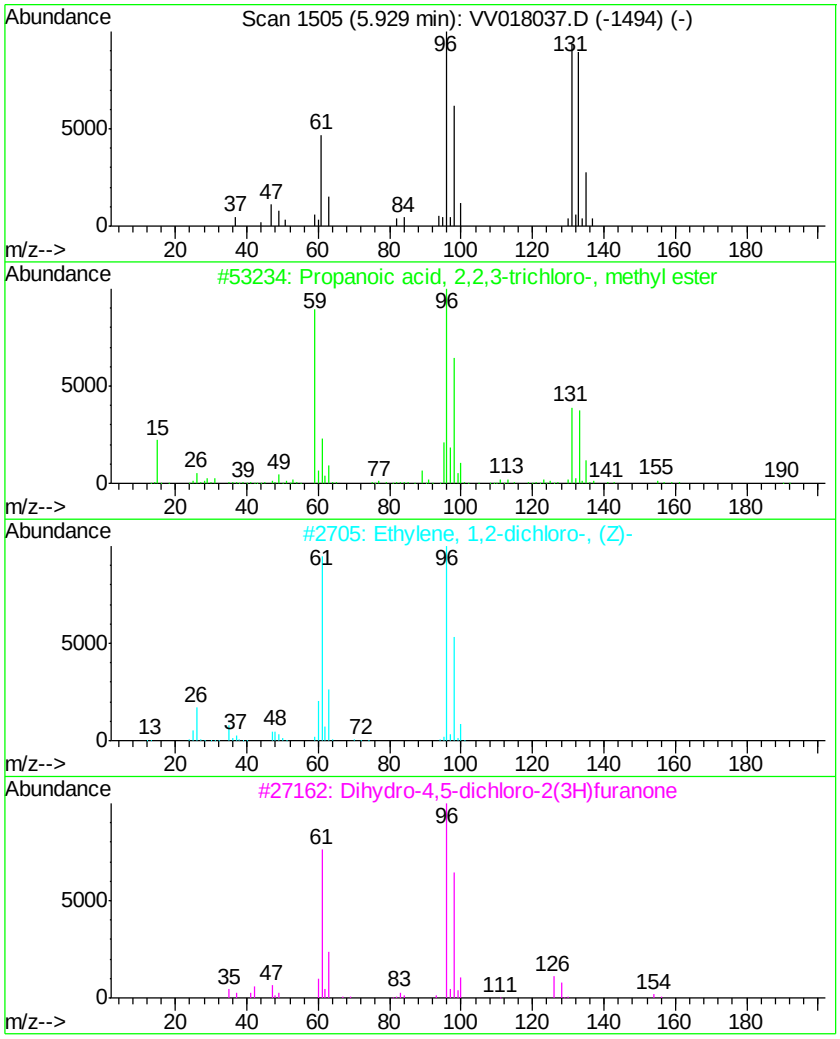
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

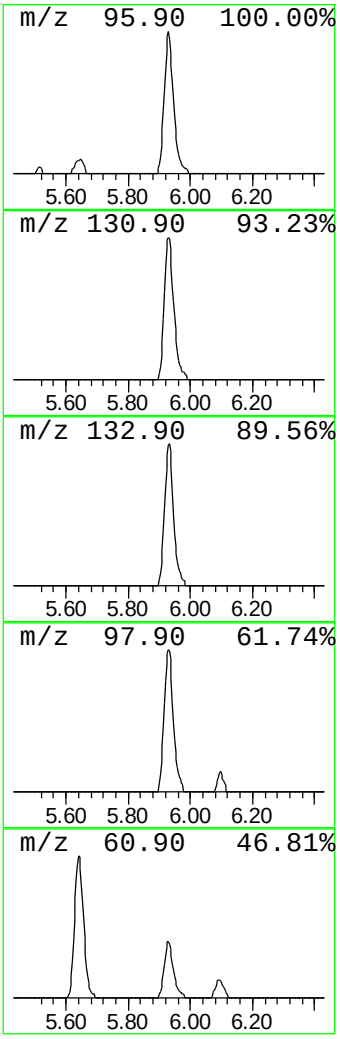
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.98 ug/L	38660	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	Pyrimidine, 4-hydroxy-	96	C4H4N2O	051953-18-5	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
Propanoic acid, 2...	5.93	3.0	ug/L	38660	1	5.64	648945	50.0