LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082520\
Data File : VV018091.D
Acq On : 25 Aug 2020 11:01
Operator : SY/MD
Sample : VV0825WBL01
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK92

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	1.316	63	70	84	rVB	146378	146901	14.35%	1.896%
2	1.579	144	152	166	rBV	125343	143081	13.98%	1.846%
3	2.123	310	321	348	rVB	254231	390779	38.18%	5.043%
4	2.312	372	380	386	rVB2	956	1334	0.13%	0.017%
5	2.373	394	399	401	rBV	156	118	0.01%	0.002%
6	2.525	438	446	455	rVB3	2559	3919	0.38%	0.051%
7	2.631	475	479	486	rBV3	462	518	0.05%	0.007%
8	2.717	503	506	511	rVB2	142	101	0.01%	0.001%
9	2.785	524	527	531	rBV2	197	166	0.02%	0.002%
10	2.952	576	579	582	rBV2	116	101	0.01%	0.001%
11	3.087	617	621	625	rVB	153	139	0.01%	0.002%
12	3.110	625	628	633	rVB2	155	123	0.01%	0.002%
13	3.155	633	642	646	rBV	213	265	0.03%	0.003%
14	3.267	674	677	683	rVB	199	169	0.02%	0.002%
15	3.309	683	690	695	rBV2	165	222	0.02%	0.003%
16	3.560	765	768	770	rVV	151	119	0.01%	0.002%
17	3.910	866	877	910	rBV2	70347	214649	20.97%	2.770%
18	4.377	1005	1022	1049	rBV	158280	399041	38.99%	5.150%
19	4.502	1059	1061	1066	rVV2	236	175	0.02%	0.002%
20	4.547	1073	1075	1079	rVB	309	189	0.02%	0.002%
21	4.602	1088	1092	1096	rVB2	214	109	0.01%	0.001%
22	4.627	1096	1100	1104	rBV	168	187	0.02%	0.002%
23	4.756	1134	1140	1143	rBV2	190	182	0.02%	0.002%
24	4.775	1143	1146	1151	rVB2	142	124	0.01%	0.002%
25	4.888	1175	1181	1188	rVB2	139	202	0.02%	0.003%
26	5.071	1221	1238	1266	rBV2	399219	1023529	100.00%	13.209%
27	5.377	1331	1333	1337	rBV2	147	135	0.01%	0.002%
28	5.402	1340	1341	1346	rVB	215	131	0.01%	0.002%
29	5.505	1370	1373	1377	rBV3	203	172	0.02%	0.002%
30	5.640	1402	1415	1442	rBV	319009	625899	61.15%	8.077%
31	5.930	1495	1505	1525	rVB3	17144	34651	3.39%	0.447%
32	6.000	1525	1527	1533	rVB2	141	107	0.01%	0.001%
33	6.093	1542	1556	1582	rBV	228696	461555	45.09%	5.956%
34	6.229	1596	1598	1601	rBV2	424	302	0.03%	0.004%

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Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK92

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

35	6.257	1605	1607	1609	rVB2	397	197	0.02%	0.003%
36	6.338	1626	1632	1634	rBV2	138	147	0.01%	0.002%
37	6.409	1648	1654	1657	rBV2	170	208	0.02%	0.003%
38	6.428	1657	1660	1663	rVV2	142	104	0.01%	0.001%
39	6.592	1708	1711	1714	rBV2	151	107	0.01%	0.001%
40	6.653	1727	1730	1734	rBV3	229	239	0.02%	0.003%
41	6.679	1736	1738	1742	rVB2	288	173	0.02%	0.002%
42	6.727	1748	1753	1756	rBV	149	153	0.01%	0.002%
43	6.769	1763	1766	1772	rVB	144	107	0.01%	0.001%
44	6.801	1772	1776	1779	rBV	160	156	0.02%	0.002%
45	7.007	1827	1840	1866	rBV	123582	223485	21.83%	2.884%
46	7.164	1886	1889	1892	rBV3	195	124	0.01%	0.002%
47	7.203	1899	1901	1903	rVB	253	99	0.01%	0.001%
48	7.222	1903	1907	1911	rBV3	222	243	0.02%	0.003%
49	7.267	1917	1921	1924	rBV	263	141	0.01%	0.002%
50	7.338	1931	1943	1970	rBV	467418	800341	78.19%	10.329%
51	7.643	2028	2038	2072	rVV	87962	155948	15.24%	2.013%
52	7.772	2072	2078	2084	rVV4	542	858	0.08%	0.011%
53	7.794	2084	2085	2092	rVV2	270	194	0.02%	0.003%
54	7.997	2144	2148	2154	rVB3	213	228	0.02%	0.003%
55	8.039	2154	2161	2163	rBV2	93	105	0.01%	0.001%
56	8.110	2172	2183	2216	rBV2	178653	353102	34.50%	4.557%
57	8.309	2244	2245	2251	rVB3	347	224	0.02%	0.003%
58	8.341	2253	2255	2258	rVB2	360	168	0.02%	0.002%
59	8.360	2258	2261	2263	rBV2	177	120	0.01%	0.002%
60	8.444	2278	2287	2300	rVB2	1291	2198	0.21%	0.028%
61	8.576	2325	2328	2332	rVB	162	111	0.01%	0.001%
62	8.695	2358	2365	2369	rBV2	101	142	0.01%	0.002%
63	8.736	2374	2378	2381	rVV2	173	139	0.01%	0.002%
64	8.872	2408	2420	2456	rBV	490307	788323	77.02%	10.173%
65	9.167	2509	2512	2518	rVB2	300	218	0.02%	0.003%
66	9.312	2554	2557	2561	rVV2	145	138	0.01%	0.002%
67	9.415	2583	2589	2596	rVB	159	157	0.02%	0.002%
68	9.531	2622	2625	2632	rVB2	103	101	0.01%	0.001%
69	9.601	2643	2647	2653	rVB2	243	223	0.02%	0.003%
70	9.634	2653	2657	2660	rBV	192	158	0.02%	0.002%
71	9.759	2691	2696	2698	rBV2	126	115	0.01%	0.001%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK92

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	9.897	2729	2739	2743	rBV	201	355	0.03%	0.005%
73	9.952	2753	2756	2761	rVB2	216	201	0.02%	0.003%
74	10.003	2769	2772	2776	rBV2	148	127	0.01%	0.002%
75	10.238	2833	2845	2869	rVV	278504	435289	42.53%	5.617%
76	10.367	2880	2885	2890	rBV	83	102	0.01%	0.001%
77	10.399	2890	2895	2899	rBV2	222	223	0.02%	0.003%
78	10.444	2906	2909	2912	rBV	173	139	0.01%	0.002%
79	10.505	2924	2928	2931	rBV2	226	194	0.02%	0.003%
80	10.569	2945	2948	2954	rVB3	180	140	0.01%	0.002%
81	10.653	2970	2974	2975	rBV	188	125	0.01%	0.002%
82	10.698	2985	2988	2994	rVB2	179	172	0.02%	0.002%
83	10.871	3037	3042	3047	rBV2	101	138	0.01%	0.002%
84	11.019	3085	3088	3091	rBV2	154	112	0.01%	0.001%
85	11.068	3099	3103	3106	rBV2	252	174	0.02%	0.002%
86	11.206	3143	3146	3149	rBV2	291	233	0.02%	0.003%
87	11.270	3154	3166	3189	rBV	506359	760039	74.26%	9.808%
88	11.447	3218	3221	3226	rVB3	297	258	0.03%	0.003%
89	11.521	3241	3244	3246	rBV	178	120	0.01%	0.002%
90	11.646	3269	3283	3305	rBV	491850	770051	75.23%	9.938%
91	11.775	3321	3323	3326	rVB2	333	148	0.01%	0.002%
92	11.868	3350	3352	3357	rBV2	186	114	0.01%	0.001%
93	11.920	3365	3368	3374	rVB	191	186	0.02%	0.002%
94	12.129	3430	3433	3435	rBV	311	196	0.02%	0.003%
95	12.360	3502	3505	3509	rBV	180	150	0.01%	0.002%
96	12.669	3597	3601	3605	rBV4	374	414	0.04%	0.005%
97	12.772	3630	3633	3636	rBV	175	118	0.01%	0.002%
98	13.540	3865	3872	3875	rBV2	502	608	0.06%	0.008%
99	13.624	3895	3898	3901	rBV2	262	191	0.02%	0.002%
100	13.768	3941	3943	3944	rBV	270	148	0.01%	0.002%

Sum of corrected areas: 7748853

LSC Report - Integrated Chromatogram

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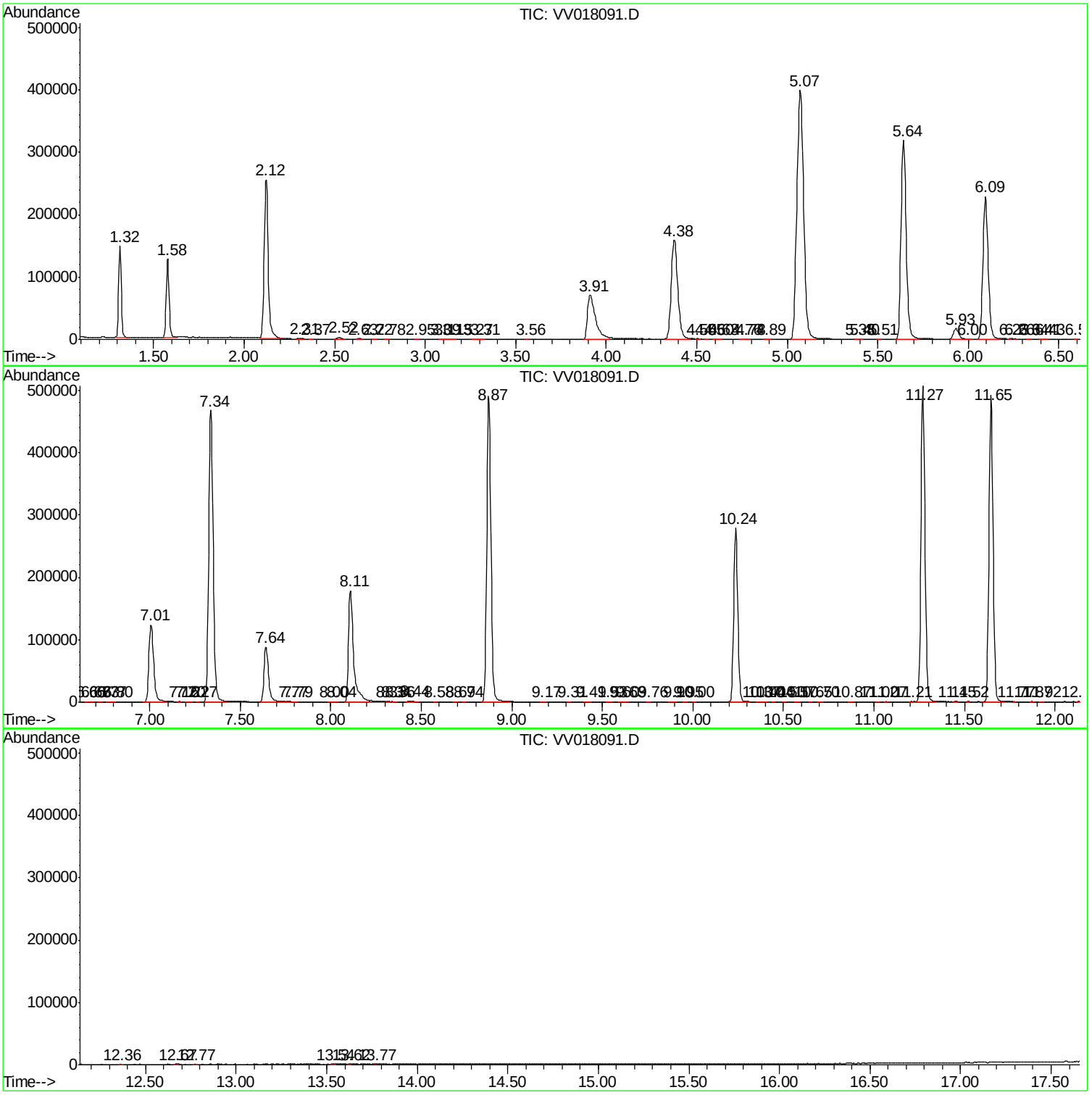
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK92

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\VV082520\
Data File : VV018091.D
Acq On : 25 Aug 2020 11:01
Operator : SY/MD
Sample : VV0825WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK92

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

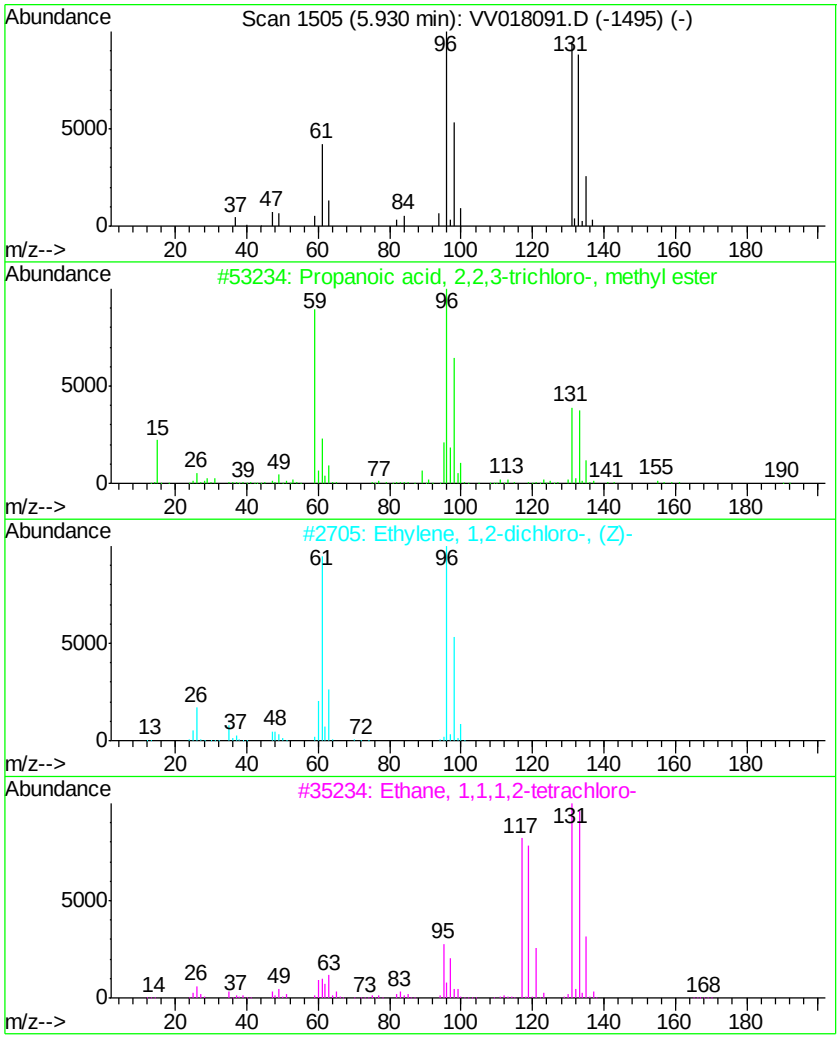
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

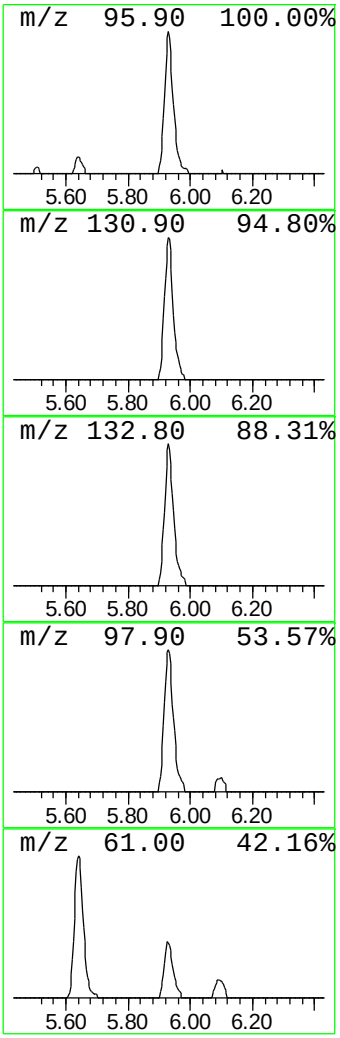
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.77 ug/L	34651	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	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	23
4	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	22
5	Benzonitrile, 4-methoxy-	133	C8H7NO	000874-90-8	9





Tentatively Identified Compound (LSC) summary

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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propanoic acid, 2...	5.93	2.8	ug/L	34651	1	5.64	625899	50.0