LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092220\
Data File : VV018398.D
Acq On : 22 Sep 2020 16:29
Operator : SY/MD
Sample : L4024-07
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 17 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\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	1.315	63	70	88	rVB	136356	138545	14.42%	1.879%
2	1.579	144	152	163	rBV	118382	131149	13.65%	1.779%
3	2.123	310	321	358	rVB	229466	353879	36.84%	4.799%
4	2.524	438	446	456	rVB2	3131	4910	0.51%	0.067%
5	2.569	456	460	463	rBV2	183	185	0.02%	0.003%
6	2.637	473	481	487	rBV3	575	880	0.09%	0.012%
7	2.766	518	521	523	rBV	149	92	0.01%	0.001%
8	2.778	523	525	528	rVV	234	162	0.02%	0.002%
9	2.795	528	530	532	rVB	213	103	0.01%	0.001%
10	2.930	569	572	575	rVB2	134	80	0.01%	0.001%
11	3.190	648	653	656	rBV	105	97	0.01%	0.001%
12	3.293	681	685	689	rVB2	227	229	0.02%	0.003%
13	3.315	689	692	697	rBV2	186	224	0.02%	0.003%
14	3.405	716	720	724	rBV2	104	96	0.01%	0.001%
15	3.450	730	734	738	rBV2	173	218	0.02%	0.003%
16	3.550	762	765	772	rVB2	126	143	0.01%	0.002%
17	3.631	787	790	795	rBV2	106	104	0.01%	0.001%
18	3.920	867	880	922	rBV2	73522	250295	26.05%	3.394%
19	4.180	959	961	962	rBV	274	93	0.01%	0.001%
20	4.376	1006	1022	1059	rVB	154060	378478	39.40%	5.133%
21	4.528	1066	1069	1073	rBV2	338	239	0.02%	0.003%
22	4.608	1092	1094	1099	rVB2	243	191	0.02%	0.003%
23	4.630	1099	1101	1103	rBV	171	122	0.01%	0.002%
24	4.695	1118	1121	1126	rVB	188	145	0.02%	0.002%
25	4.724	1126	1130	1133	rBV3	248	180	0.02%	0.002%
26	4.759	1137	1141	1145	rBV2	151	147	0.02%	0.002%
27	4.885	1177	1180	1184	rVB2	107	86	0.01%	0.001%
28	5.000	1213	1216	1220	rBV2	174	149	0.02%	0.002%
29	5.071	1221	1238	1267	rBV2	375944	960655	100.00%	13.028%
30	5.248	1291	1293	1301	rVB2	307	329	0.03%	0.004%
31	5.380	1324	1334	1337	rBV2	267	478	0.05%	0.006%
32	5.402	1337	1341	1346	rVB3	274	244	0.03%	0.003%
33	5.470	1359	1362	1367	rBV2	82	81	0.01%	0.001%
34	5.640	1403	1415	1448	rBV	298388	597416	62.19%	8.102%

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Integration Parameters: LSCINT.P
Integrator: RTE
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Peak separation: 5

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

35	5.839	1472	1477	1479	rBV3	186	194	0.02%	0.003%
36	5.929	1495	1505	1525	rBV2	18845	38663	4.02%	0.524%
37	6.093	1542	1556	1585	rBV	214787	436347	45.42%	5.918%
38	6.238	1598	1601	1602	rBV	458	206	0.02%	0.003%
39	6.319	1620	1626	1634	rVB2	139	245	0.03%	0.003%
40	6.357	1634	1638	1640	rBV2	105	88	0.01%	0.001%
41	6.386	1644	1647	1650	rBV	122	85	0.01%	0.001%
42	6.621	1717	1720	1723	rBV2	134	103	0.01%	0.001%
43	6.727	1750	1753	1758	rBV2	92	102	0.01%	0.001%
44	6.788	1769	1772	1776	rBV2	129	119	0.01%	0.002%
45	6.923	1810	1814	1818	rBV2	114	136	0.01%	0.002%
46	7.007	1828	1840	1866	rBV	110246	200350	20.86%	2.717%
47	7.158	1885	1887	1891	rVB2	351	215	0.02%	0.003%
48	7.177	1891	1893	1894	rVB	218	76	0.01%	0.001%
49	7.190	1894	1897	1899	rBV	255	144	0.01%	0.002%
50	7.338	1930	1943	1962	rBV	426871	729625	75.95%	9.895%
51	7.566	2011	2014	2017	rVB2	273	178	0.02%	0.002%
52	7.589	2017	2021	2024	rBV	160	147	0.02%	0.002%
53	7.643	2028	2038	2070	rBV	81996	141440	14.72%	1.918%
54	7.900	2112	2118	2120	rBV2	102	108	0.01%	0.001%
55	8.000	2145	2149	2154	rVB2	382	341	0.04%	0.005%
56	8.032	2154	2159	2165	rBV	136	155	0.02%	0.002%
57	8.109	2173	2183	2223	rBV2	221452	423939	44.13%	5.749%
58	8.380	2265	2267	2270	rVB	167	114	0.01%	0.002%
59	8.441	2279	2286	2290	rBV2	1045	1479	0.15%	0.020%
60	8.489	2298	2301	2305	rBB2	162	97	0.01%	0.001%
61	8.540	2313	2317	2320	rBV2	150	140	0.01%	0.002%
62	8.679	2355	2360	2366	rVB	160	167	0.02%	0.002%
63	8.871	2408	2420	2445	rBV	465911	749021	77.97%	10.158%
64	9.016	2463	2465	2467	rBV2	168	77	0.01%	0.001%
65	9.035	2468	2471	2474	rBV3	214	141	0.01%	0.002%
66	9.142	2501	2504	2508	rBV2	145	114	0.01%	0.002%
67	9.174	2510	2514	2517	rVB2	396	262	0.03%	0.004%
68	9.212	2522	2526	2530	rBV	93	107	0.01%	0.001%
69	9.376	2572	2577	2579	rBV2	95	94	0.01%	0.001%
70	9.498	2612	2615	2618	rBV	107	79	0.01%	0.001%
71	9.572	2634	2638	2644	rBV2	433	439	0.05%	0.006%

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ALS Vial : 17 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\SOMVLM090920WMA.M
Title : VOC Analysis

72	9.598	2644	2646	2650	rBV2	188	108	0.01%	0.001%
73	9.759	2693	2696	2703	rBV2	104	103	0.01%	0.001%
74	9.801	2704	2709	2712	rBV2	108	106	0.01%	0.001%
75	9.958	2755	2758	2761	rBV2	130	91	0.01%	0.001%
76	10.235	2832	2844	2869	rBV	260913	412410	42.93%	5.593%
77	10.334	2872	2875	2876	rBV	173	112	0.01%	0.002%
78	10.399	2891	2895	2898	rBV2	201	161	0.02%	0.002%
79	10.428	2900	2904	2909	rBV2	193	241	0.03%	0.003%
80	10.521	2930	2933	2937	rVB2	109	87	0.01%	0.001%
81	10.826	3025	3028	3032	rVB	100	79	0.01%	0.001%
82	10.900	3048	3051	3055	rBV	131	131	0.01%	0.002%
83	11.158	3128	3131	3134	rBV2	123	93	0.01%	0.001%
84	11.270	3155	3166	3194	rBV	465781	705604	73.45%	9.569%
85	11.415	3209	3211	3214	rVB2	447	243	0.03%	0.003%
86	11.434	3214	3217	3218	rBV2	179	102	0.01%	0.001%
87	11.553	3251	3254	3261	rVB2	235	184	0.02%	0.002%
88	11.646	3271	3283	3304	rBV	452620	703999	73.28%	9.547%
89	11.801	3327	3331	3335	rVB3	410	346	0.04%	0.005%
90	11.952	3374	3378	3384	rBV2	188	215	0.02%	0.003%
91	11.984	3385	3388	3392	rVB2	157	94	0.01%	0.001%
92	12.129	3430	3433	3435	rBV2	190	91	0.01%	0.001%
93	12.469	3537	3539	3542	rVB	191	110	0.01%	0.001%
94	12.685	3604	3606	3609	rBV2	191	96	0.01%	0.001%
95	12.862	3658	3661	3663	rBV	116	85	0.01%	0.001%
96	13.289	3788	3794	3805	rVB3	1657	2424	0.25%	0.033%
97	14.267	4096	4098	4101	rBV2	191	123	0.01%	0.002%
98	14.341	4118	4121	4125	rBV2	222	191	0.02%	0.003%
99	14.556	4186	4188	4191	rBV2	249	138	0.01%	0.002%
100	14.601	4198	4202	4205	rBV2	276	298	0.03%	0.004%

Sum of corrected areas: 7373826

LSC Report - Integrated Chromatogram

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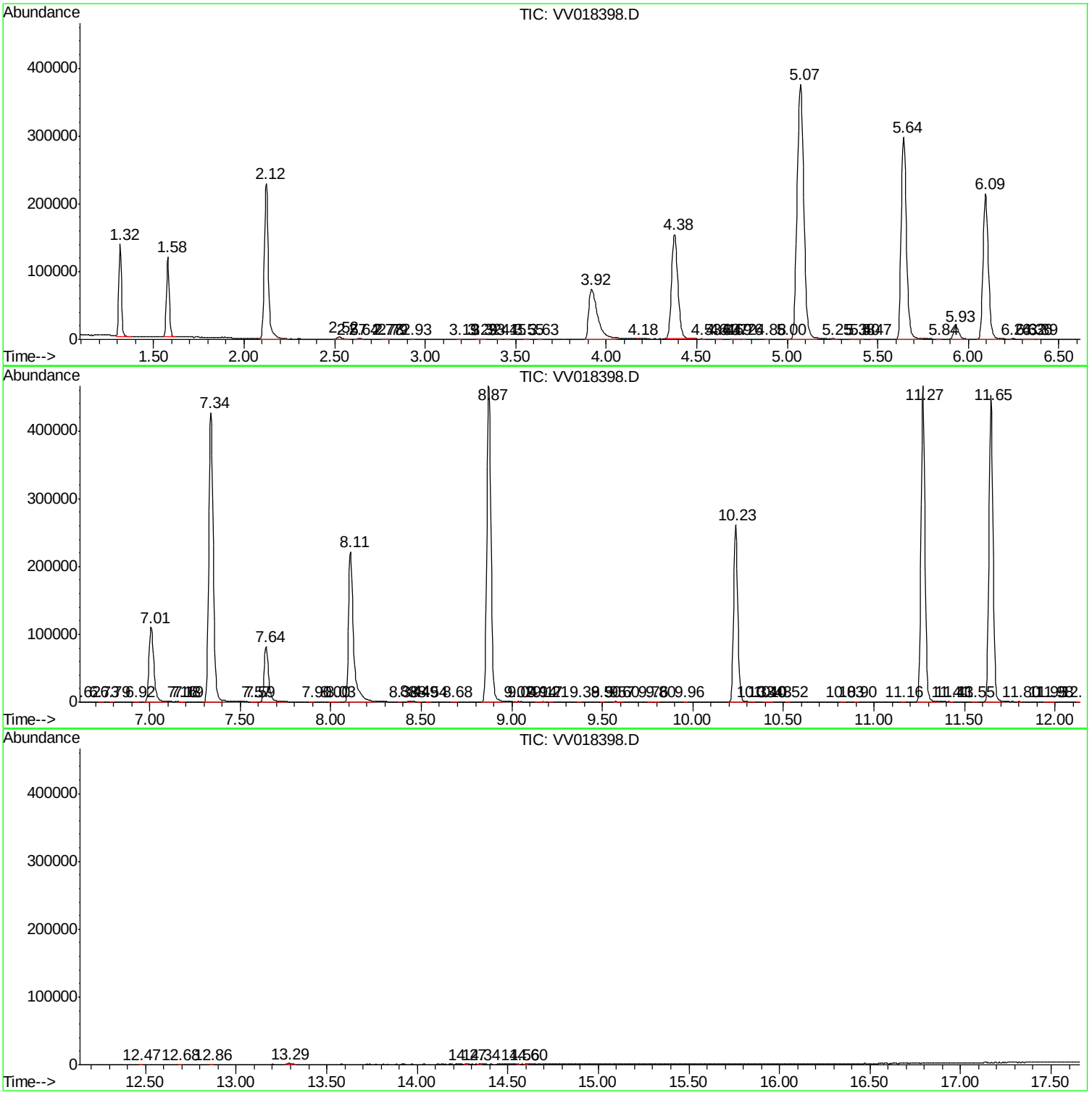
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092220\
Data File : VV018398.D
Acq On : 22 Sep 2020 16:29
Operator : SY/MD
Sample : L4024-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

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

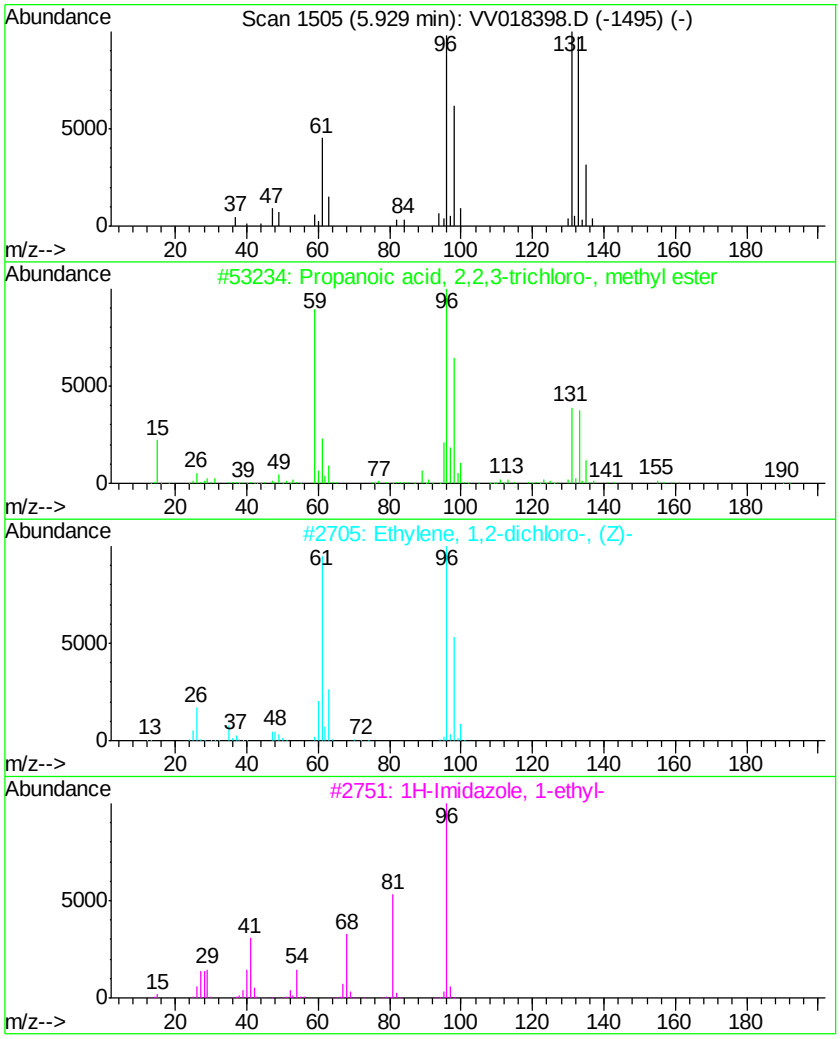
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

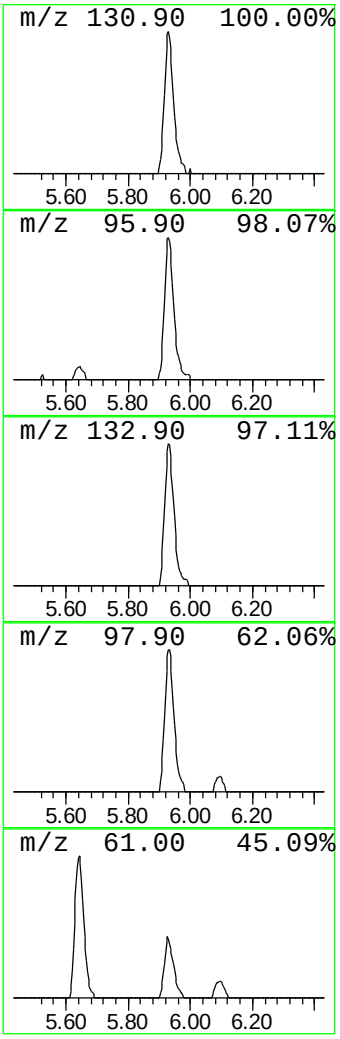
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	3.24 ug/L	38663	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	1H-Imidazole, 1-ethyl-	96	C5H8N2	007098-07-9	9
4	Benzonitrile, 4-methoxy-	133	C8H7NO	000874-90-8	9
5	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	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	3.2	ug/L	38663	1	5.64	597416	50.0