LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082420\
Data File : VV018082.D
Acq On : 24 Aug 2020 12:07
Operator : SY/MD
Sample : L3782-08
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFSS9

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	1.251	45	50	57	rBV	6548	6990	0.65%	0.086%
2	1.315	63	70	84	rVB	156991	156117	14.58%	1.920%
3	1.579	144	152	166	rBV	133236	152461	14.24%	1.875%
4	2.029	287	292	304	rVB	8203	11597	1.08%	0.143%
5	2.122	311	321	336	rBV	262870	389999	36.43%	4.796%
6	2.290	370	373	374	rBV2	367	230	0.02%	0.003%
7	2.360	374	395	435	rVV2	9000	50973	4.76%	0.627%
8	2.602	466	470	473	rVB	386	217	0.02%	0.003%
9	2.621	473	476	479	rBV2	282	149	0.01%	0.002%
10	2.643	480	483	487	rVB	294	259	0.02%	0.003%
11	2.675	487	493	494	rBV	821	819	0.08%	0.010%
12	2.910	563	566	574	rVB2	134	163	0.02%	0.002%
13	2.965	581	583	588	rVB	351	150	0.01%	0.002%
14	2.991	588	591	594	rBV2	217	129	0.01%	0.002%
15	3.016	596	599	603	rVB2	171	142	0.01%	0.002%
16	3.042	603	607	611	rBV	180	206	0.02%	0.003%
17	3.090	619	622	627	rVB2	136	97	0.01%	0.001%
18	3.184	649	651	656	rBV2	113	102	0.01%	0.001%
19	3.245	663	670	673	rBV2	107	112	0.01%	0.001%
20	3.267	673	677	680	rBV2	151	105	0.01%	0.001%
21	3.338	696	699	702	rBV2	146	98	0.01%	0.001%
22	3.370	706	709	714	rVV2	111	93	0.01%	0.001%
23	3.447	728	733	738	rVB2	104	123	0.01%	0.002%
24	3.486	738	745	747	rBV2	208	226	0.02%	0.003%
25	3.833	847	853	856	rBV2	95	129	0.01%	0.002%
26	3.907	863	876	906	rBV2	69055	195027	18.22%	2.399%
27	4.254	982	984	987	rVB2	179	102	0.01%	0.001%
28	4.283	990	993	997	rVB2	165	114	0.01%	0.001%
29	4.376	1005	1022	1054	rBV2	166646	419184	39.16%	5.155%
30	4.560	1074	1079	1085	rVB	303	273	0.03%	0.003%
31	4.727	1122	1131	1133	rBV	134	152	0.01%	0.002%
32	4.839	1162	1166	1169	rBV2	119	108	0.01%	0.001%
33	5.074	1221	1239	1276	rBV2	415710	1070491	100.00%	13.166%
34	5.405	1336	1342	1348	rBV2	358	490	0.05%	0.006%

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

Instrument : MSVOA_V
ClientSampleId : BFSS9

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	5.437	1348	1352	1356	rBV2	315	299	0.03%	0.004%
36	5.566	1382	1392	1403	rBV3	2045	4988	0.47%	0.061%
37	5.643	1403	1416	1442	rVV	318319	633850	59.21%	7.796%
38	5.929	1494	1505	1522	rBV2	15539	31839	2.97%	0.392%
39	6.093	1543	1556	1578	rBV	241065	485600	45.36%	5.972%
40	6.235	1595	1600	1604	rBV3	570	662	0.06%	0.008%
41	6.322	1625	1627	1630	rVB2	177	113	0.01%	0.001%
42	6.338	1630	1632	1635	rBV2	314	209	0.02%	0.003%
43	6.418	1653	1657	1665	rVB2	122	132	0.01%	0.002%
44	6.502	1676	1683	1686	rBV2	167	178	0.02%	0.002%
45	6.556	1698	1700	1703	rBV2	122	101	0.01%	0.001%
46	6.601	1703	1714	1726	rVB4	1815	4131	0.39%	0.051%
47	6.650	1726	1729	1732	rBV3	389	276	0.03%	0.003%
48	6.871	1794	1798	1801	rBV	233	188	0.02%	0.002%
49	6.910	1806	1810	1814	rVB	128	113	0.01%	0.001%
50	7.010	1829	1841	1872	rBV	128434	236118	22.06%	2.904%
51	7.158	1877	1887	1893	rVV5	2008	3210	0.30%	0.039%
52	7.196	1897	1899	1901	rVB3	324	151	0.01%	0.002%
53	7.222	1901	1907	1909	rBV2	277	279	0.03%	0.003%
54	7.338	1931	1943	1976	rVV	491112	846517	79.08%	10.411%
55	7.576	2016	2017	2021	rVB2	356	141	0.01%	0.002%
56	7.643	2027	2038	2058	rBV	94577	161271	15.07%	1.983%
57	7.823	2092	2094	2099	rVB2	153	102	0.01%	0.001%
58	7.875	2105	2110	2113	rBV2	140	129	0.01%	0.002%
59	7.891	2113	2115	2122	rVB2	136	132	0.01%	0.002%
60	7.958	2127	2136	2145	rBV2	892	1300	0.12%	0.016%
61	8.109	2173	2183	2221	rBV	194061	375599	35.09%	4.619%
62	8.270	2228	2233	2247	rVB9	1775	3810	0.36%	0.047%
63	8.338	2247	2254	2263	rVB3	1363	1686	0.16%	0.021%
64	8.408	2274	2276	2278	rBV2	233	160	0.01%	0.002%
65	8.627	2338	2344	2349	rBV2	251	304	0.03%	0.004%
66	8.711	2365	2370	2372	rBV	113	105	0.01%	0.001%
67	8.778	2387	2391	2398	rBV2	207	243	0.02%	0.003%
68	8.875	2408	2421	2451	rBV	501099	804535	75.16%	9.895%
69	9.148	2503	2506	2509	rBV	232	98	0.01%	0.001%
70	9.170	2509	2513	2516	rBV2	379	324	0.03%	0.004%
71	9.502	2612	2616	2619	rBV2	162	145	0.01%	0.002%

LSC Area Percent Report

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

Instrument : MSVOA_V
ClientSampleId : BFSS9

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	9.559	2631	2634	2639	rVV	188	151	0.01%	0.002%
73	9.614	2646	2651	2654	rVV2	241	163	0.02%	0.002%
74	9.633	2654	2657	2662	rVB2	186	174	0.02%	0.002%
75	9.659	2662	2665	2668	rBV	181	124	0.01%	0.002%
76	9.736	2677	2689	2690	rBV2	1206	1317	0.12%	0.016%
77	9.836	2716	2720	2723	rBV2	198	161	0.02%	0.002%
78	9.926	2745	2748	2750	rBV2	175	138	0.01%	0.002%
79	10.238	2833	2845	2866	rBV	292520	457198	42.71%	5.623%
80	10.408	2889	2898	2905	rVV2	1681	2553	0.24%	0.031%
81	10.656	2972	2975	2978	rBV	181	117	0.01%	0.001%
82	10.849	3026	3035	3038	rBV2	215	325	0.03%	0.004%
83	10.939	3061	3063	3066	rBV	151	120	0.01%	0.001%
84	10.974	3072	3074	3078	rVB2	301	161	0.02%	0.002%
85	11.219	3144	3150	3155	rBV3	300	430	0.04%	0.005%
86	11.270	3155	3166	3183	rBV	518855	785064	73.34%	9.655%
87	11.408	3206	3209	3210	rVB	221	94	0.01%	0.001%
88	11.556	3247	3255	3271	rBV3	7416	14601	1.36%	0.180%
89	11.646	3271	3283	3303	rVB	527660	809555	75.62%	9.956%
90	11.804	3330	3332	3339	rVB2	330	202	0.02%	0.002%
91	11.836	3341	3342	3349	rVB2	226	146	0.01%	0.002%
92	11.916	3364	3367	3370	rBV	197	173	0.02%	0.002%
93	12.006	3393	3395	3397	rBV2	160	97	0.01%	0.001%
94	12.373	3505	3509	3511	rBV3	416	324	0.03%	0.004%
95	12.762	3628	3630	3634	rVB2	257	142	0.01%	0.002%
96	13.395	3824	3827	3829	rBV2	184	117	0.01%	0.001%
97	13.778	3942	3946	3948	rBV2	301	231	0.02%	0.003%
98	13.997	4011	4014	4016	rBV2	229	152	0.01%	0.002%
99	14.112	4048	4050	4052	rBV2	235	111	0.01%	0.001%
100	14.170	4065	4068	4070	rBV2	250	147	0.01%	0.002%

Sum of corrected areas: 8130953

LSC Report - Integrated Chromatogram

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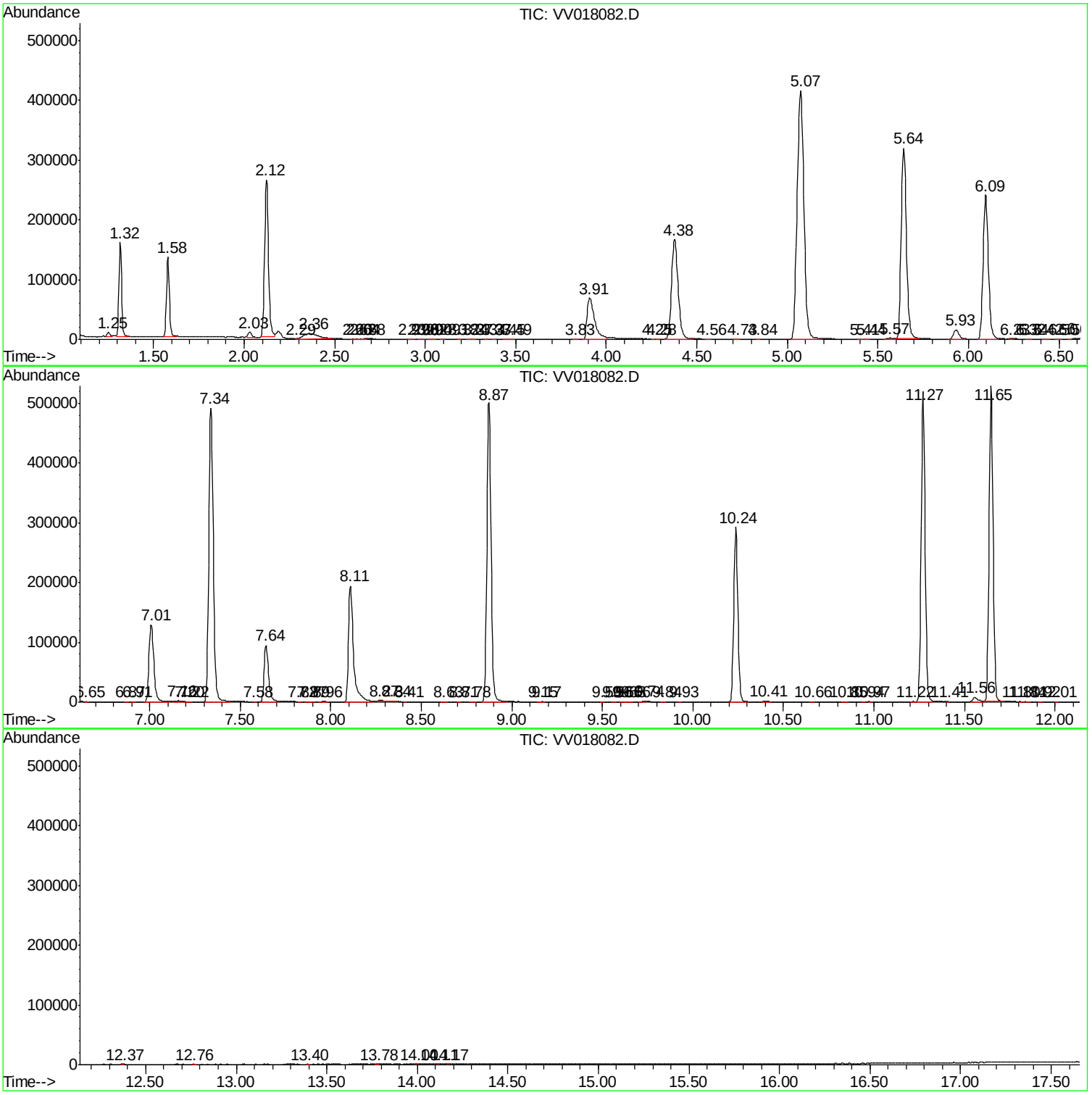
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFSS9

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\VV082420\
Data File : VV018082.D
Acq On : 24 Aug 2020 12:07
Operator : SY/MD
Sample : L3782-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFSS9

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

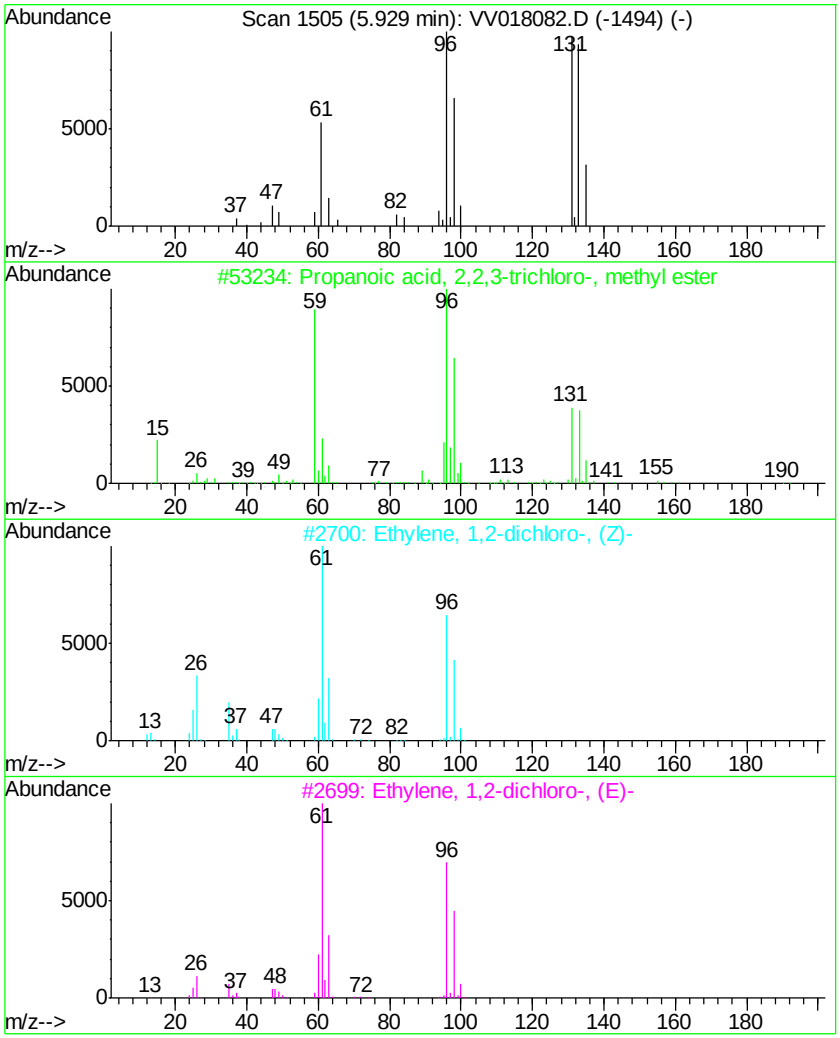
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

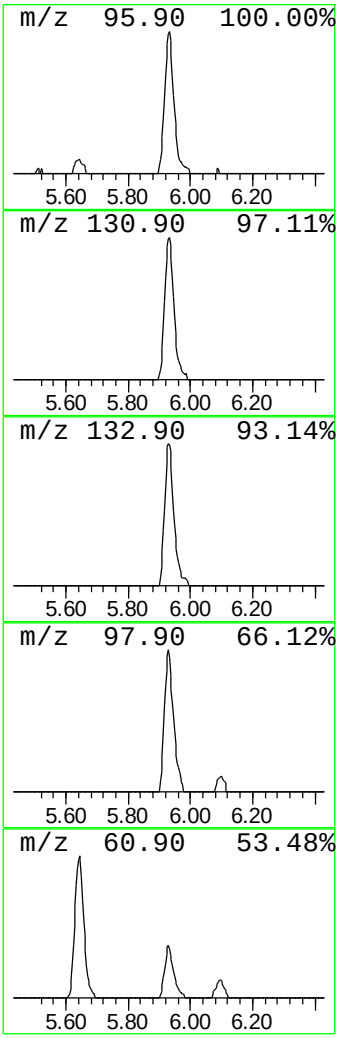
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.51 ug/L	31839	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	38
3	Ethylene, 1,2-dichloro-, (E)-	96	C2H2Cl2	000156-60-5	38
4	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
5	1,2-Dichloroethylene	96	C2H2Cl2	000540-59-0	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082420\
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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	31839	1	5.64	633850	50.0