LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018544.D
Acq On : 30 Sep 2020 02:33
Operator : SY/MD
Sample : L4165-01
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AA0

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\SOMVLM092920WMA.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	64	70	84	rVB	163819	158904	12.35%	1.550%
2	1.579	145	152	167	rVB	142324	164601	12.79%	1.606%
3	2.122	311	321	355	rVB	293784	458278	35.61%	4.470%
4	2.737	510	512	515	rVB2	236	130	0.01%	0.001%
5	2.785	518	527	537	rVV4	937	1801	0.14%	0.018%
6	2.942	573	576	580	rVB2	420	280	0.02%	0.003%
7	2.987	588	590	592	rBV2	287	132	0.01%	0.001%
8	3.032	602	604	605	rBV	367	160	0.01%	0.002%
9	3.068	605	615	628	rVB5	3395	7228	0.56%	0.071%
10	3.206	653	658	661	rBV2	389	334	0.03%	0.003%
11	3.319	689	693	696	rBV3	231	155	0.01%	0.002%
12	3.357	702	705	708	rVB2	262	139	0.01%	0.001%
13	3.376	708	711	712	rBV2	305	142	0.01%	0.001%
14	3.428	723	727	728	rBV2	283	179	0.01%	0.002%
15	3.492	744	747	749	rBV	182	128	0.01%	0.001%
16	3.553	764	766	769	rVV2	307	123	0.01%	0.001%
17	3.569	769	771	778	rVB2	303	283	0.02%	0.003%
18	3.608	778	783	787	rBV3	459	375	0.03%	0.004%
19	3.685	803	807	808	rBV2	343	169	0.01%	0.002%
20	3.701	810	812	817	rVB2	205	128	0.01%	0.001%
21	3.788	835	839	841	rBV3	401	260	0.02%	0.003%
22	3.917	869	879	913	rBV2	82821	255769	19.87%	2.495%
23	4.376	1006	1022	1048	rBV	201984	495360	38.49%	4.832%
24	4.579	1082	1085	1089	rVB2	517	352	0.03%	0.003%
25	4.611	1093	1095	1098	rBV2	602	317	0.02%	0.003%
26	4.672	1111	1114	1115	rBV2	327	156	0.01%	0.002%
27	4.759	1139	1141	1147	rVB	331	260	0.02%	0.003%
28	4.781	1147	1148	1152	rBV	179	136	0.01%	0.001%
29	4.833	1162	1164	1166	rBV2	387	191	0.01%	0.002%
30	4.891	1178	1182	1183	rBV	258	132	0.01%	0.001%
31	4.913	1186	1189	1192	rVB2	190	124	0.01%	0.001%
32	4.939	1194	1197	1201	rVB2	426	321	0.02%	0.003%
33	5.010	1215	1219	1221	rBV2	331	155	0.01%	0.002%
34	5.074	1221	1239	1273	rBV2	501610	1287043	100.00%	12.554%

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ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AA0

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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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Title : VOC Analysis

35	5.524	1376	1379	1382	rVB	252	180	0.01%	0.002%
36	5.540	1382	1384	1391	rVB2	331	265	0.02%	0.003%
37	5.572	1391	1394	1395	rBV2	318	152	0.01%	0.001%
38	5.640	1403	1415	1449	rBV	437414	874185	67.92%	8.527%
39	5.929	1494	1505	1526	rVB2	26308	55807	4.34%	0.544%
40	6.039	1537	1539	1542	rBV2	260	159	0.01%	0.002%
41	6.093	1542	1556	1586	rBV	288147	581407	45.17%	5.671%
42	6.405	1651	1653	1656	rVB2	399	183	0.01%	0.002%
43	6.425	1656	1659	1660	rBV	288	127	0.01%	0.001%
44	6.531	1688	1692	1696	rVB2	243	215	0.02%	0.002%
45	6.563	1696	1702	1709	rVB2	375	472	0.04%	0.005%
46	6.662	1730	1733	1735	rBV	384	227	0.02%	0.002%
47	6.711	1743	1748	1752	rBV	417	419	0.03%	0.004%
48	6.852	1790	1792	1795	rVB2	394	181	0.01%	0.002%
49	7.010	1829	1841	1865	rBV	159958	292284	22.71%	2.851%
50	7.199	1899	1900	1905	rVB3	485	303	0.02%	0.003%
51	7.228	1905	1909	1911	rBV3	628	419	0.03%	0.004%
52	7.293	1927	1929	1931	rVB2	357	178	0.01%	0.002%
53	7.338	1931	1943	1965	rBV	615088	1054167	81.91%	10.283%
54	7.592	2019	2022	2025	rVB2	289	199	0.02%	0.002%
55	7.608	2025	2027	2028	rBV2	303	139	0.01%	0.001%
56	7.643	2028	2038	2063	rBV	113844	198598	15.43%	1.937%
57	7.797	2082	2086	2096	rVB4	811	1064	0.08%	0.010%
58	7.836	2096	2098	2099	rBV4	352	171	0.01%	0.002%
59	7.875	2109	2110	2112	rBV2	296	144	0.01%	0.001%
60	7.904	2117	2119	2122	rVB2	215	126	0.01%	0.001%
61	7.949	2128	2133	2134	rBV2	469	368	0.03%	0.004%
62	7.997	2144	2148	2150	rBV2	1307	1128	0.09%	0.011%
63	8.109	2173	2183	2222	rBV2	280961	552505	42.93%	5.389%
64	8.521	2309	2311	2314	rBV2	256	185	0.01%	0.002%
65	8.637	2346	2347	2351	rVV	308	158	0.01%	0.002%
66	8.704	2366	2368	2371	rVB	385	169	0.01%	0.002%
67	8.875	2408	2421	2455	rBV	666407	1086404	84.41%	10.597%
68	9.424	2590	2592	2595	rBV	317	187	0.01%	0.002%
69	9.569	2632	2637	2641	rBV3	431	423	0.03%	0.004%
70	9.588	2641	2643	2646	rBV	267	192	0.01%	0.002%
71	9.858	2724	2727	2732	rVB2	257	227	0.02%	0.002%

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Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AA0

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\SOMVLM092920WMA.M
Title : VOC Analysis

72	9.903	2737	2741	2744	rBV3	477	312	0.02%	0.003%
73	9.939	2749	2752	2755	rBV2	494	311	0.02%	0.003%
74	9.955	2755	2757	2760	rVB	393	185	0.01%	0.002%
75	9.974	2760	2763	2765	rBV2	245	164	0.01%	0.002%
76	10.013	2772	2775	2777	rBV	224	147	0.01%	0.001%
77	10.141	2811	2815	2819	rBV3	415	481	0.04%	0.005%
78	10.238	2833	2845	2863	rBV	359281	557377	43.31%	5.437%
79	10.601	2953	2958	2960	rBV2	1190	1126	0.09%	0.011%
80	10.797	3016	3019	3022	rVB2	288	163	0.01%	0.002%
81	11.164	3130	3133	3136	rBV	371	330	0.03%	0.003%
82	11.270	3154	3166	3188	rBV	708776	1092743	84.90%	10.659%
83	11.524	3242	3245	3248	rBV	331	290	0.02%	0.003%
84	11.646	3271	3283	3303	rBV	668735	1037585	80.62%	10.121%
85	11.810	3329	3334	3345	rVB7	3426	5185	0.40%	0.051%
86	11.948	3374	3377	3379	rBV2	499	304	0.02%	0.003%
87	12.038	3402	3405	3407	rBV2	354	215	0.02%	0.002%
88	12.148	3436	3439	3442	rBV2	395	211	0.02%	0.002%
89	12.431	3525	3527	3530	rBV2	351	216	0.02%	0.002%
90	12.482	3537	3543	3550	rBV3	454	705	0.05%	0.007%
91	12.685	3599	3606	3618	rVB4	7063	11132	0.86%	0.109%
92	12.730	3618	3620	3623	rVB2	327	132	0.01%	0.001%
93	12.855	3657	3659	3662	rVB2	616	249	0.02%	0.002%
94	12.907	3669	3675	3683	rBV5	1725	2613	0.20%	0.025%
95	13.022	3707	3711	3715	rBV2	386	365	0.03%	0.004%
96	13.270	3786	3788	3791	rBV	368	170	0.01%	0.002%
97	13.399	3827	3828	3834	rBV2	415	297	0.02%	0.003%
98	13.579	3882	3884	3887	rBV	406	204	0.02%	0.002%
99	13.923	3987	3991	3992	rBV3	700	455	0.04%	0.004%
100	14.125	4051	4054	4057	rBV	423	313	0.02%	0.003%

Sum of corrected areas: 10251942

LSC Report - Integrated Chromatogram

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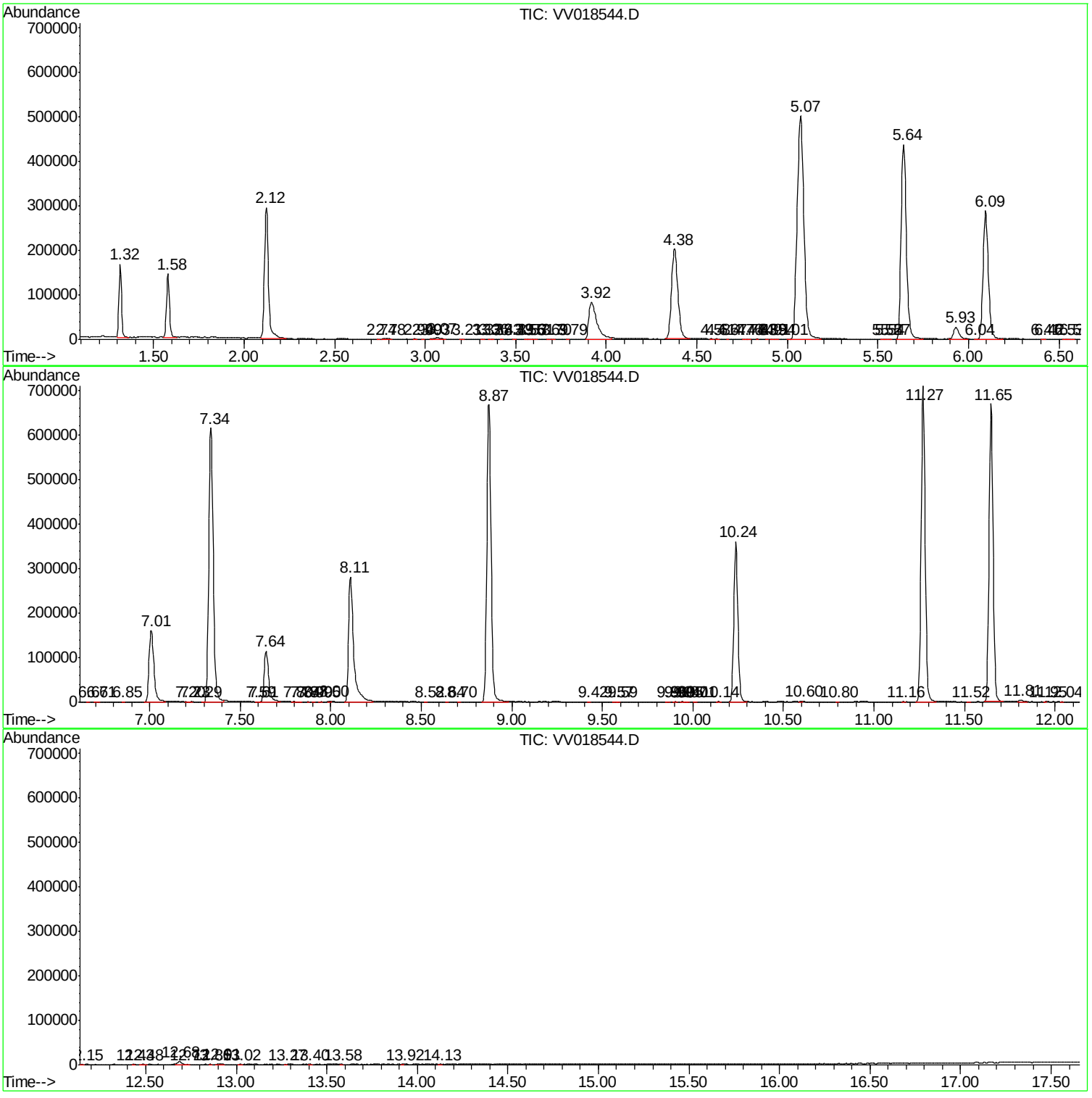
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AA0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.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\VV092920\
Data File : VV018544.D
Acq On : 30 Sep 2020 02:33
Operator : SY/MD
Sample : L4165-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AA0

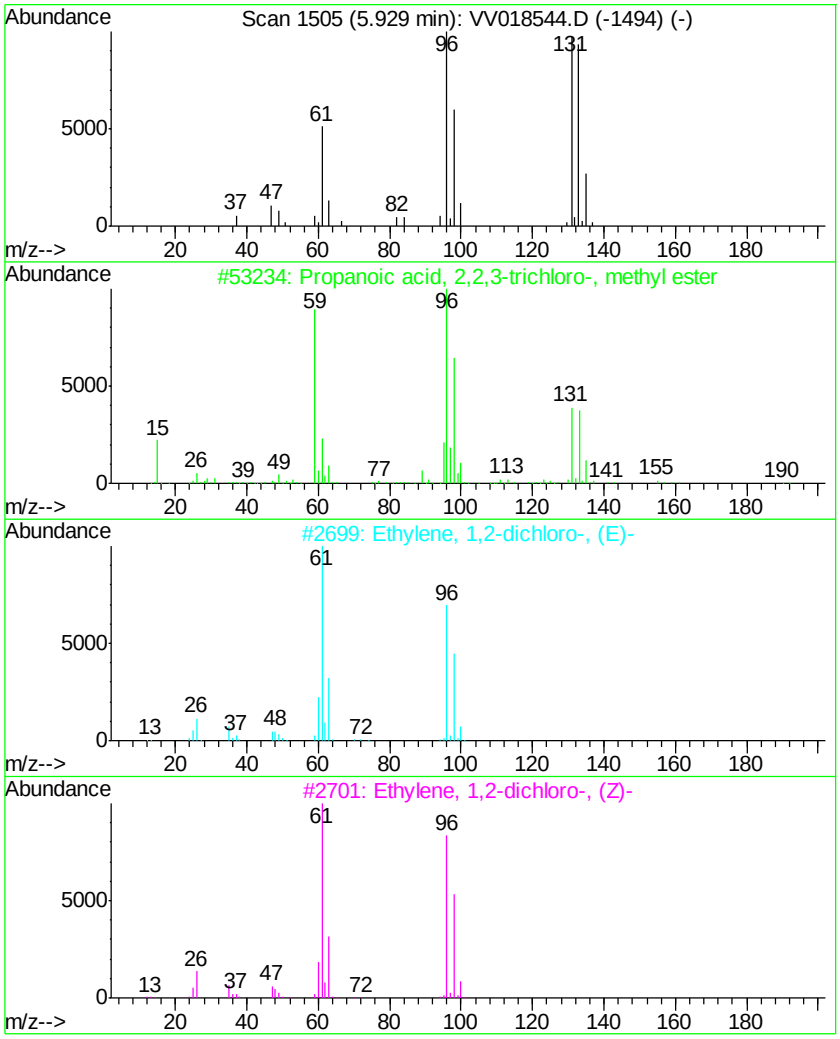
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

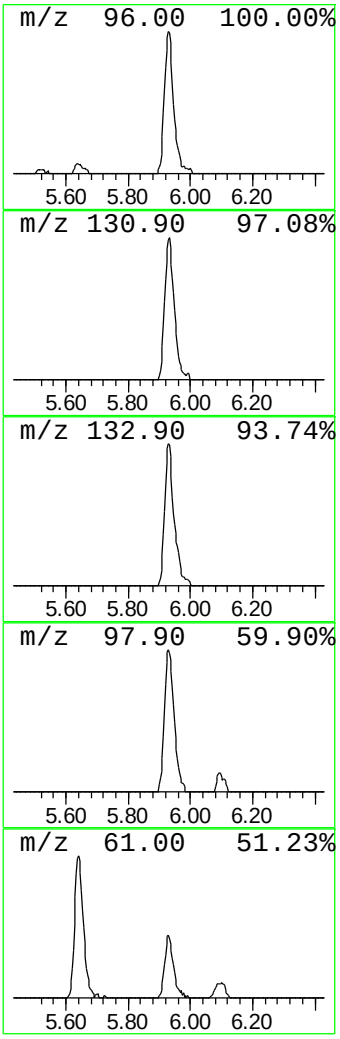
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	3.19 ug/L	55807	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-, (E)-	96	C2H2Cl2	000156-60-5	35
3	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	35
4	1,2-Dichloroethylene	96	C2H2Cl2	000540-59-0	35
5	Ethene, 1,1-dichloro-	96	C2H2Cl2	000075-35-4	35





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.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	3.2	ug/L	55807	1	5.64	874185	50.0