LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018549.D
Acq On : 30 Sep 2020 04:31
Operator : SY/MD
Sample : L4165-07
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AA7

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	144999	147197	11.96%	1.513%
2	1.579	145	152	165	rBV	145427	159414	12.95%	1.638%
3	2.122	311	321	353	rVB	280261	433287	35.19%	4.453%
4	2.306	374	378	381	rBV2	595	541	0.04%	0.006%
5	2.521	439	445	449	rBV3	1067	1306	0.11%	0.013%
6	2.749	510	516	518	rBV2	361	359	0.03%	0.004%
7	2.827	538	540	541	rBV2	246	118	0.01%	0.001%
8	3.058	605	612	613	rBV2	1842	1794	0.15%	0.018%
9	3.187	650	652	655	rVB	218	92	0.01%	0.001%
10	3.360	704	706	710	rVV	406	241	0.02%	0.002%
11	3.460	735	737	741	rBV2	197	112	0.01%	0.001%
12	3.618	781	786	790	rBV	275	220	0.02%	0.002%
13	3.679	802	805	807	rBV	231	146	0.01%	0.002%
14	3.695	807	810	815	rVB2	455	279	0.02%	0.003%
15	3.788	837	839	844	rVB2	333	182	0.01%	0.002%
16	3.823	847	850	857	rVB2	472	384	0.03%	0.004%
17	3.859	857	861	868	rVB	306	291	0.02%	0.003%
18	3.920	868	880	920	rBV	77562	250472	20.34%	2.574%
19	4.376	1006	1022	1052	rBV	196345	482255	39.17%	4.956%
20	4.637	1100	1103	1106	rBV3	327	317	0.03%	0.003%
21	4.717	1126	1128	1130	rVB	224	91	0.01%	0.001%
22	4.733	1130	1133	1136	rVB2	341	184	0.01%	0.002%
23	4.759	1138	1141	1144	rVB	393	184	0.01%	0.002%
24	4.775	1144	1146	1147	rBV	256	112	0.01%	0.001%
25	4.823	1157	1161	1163	rBV	362	280	0.02%	0.003%
26	4.878	1171	1178	1182	rBV2	498	577	0.05%	0.006%
27	4.929	1192	1194	1197	rVB2	300	124	0.01%	0.001%
28	4.952	1197	1201	1204	rBV	371	221	0.02%	0.002%
29	4.974	1205	1208	1209	rVB	214	90	0.01%	0.001%
30	4.994	1209	1214	1216	rBV2	199	186	0.02%	0.002%
31	5.007	1216	1218	1221	rBV	255	175	0.01%	0.002%
32	5.071	1221	1238	1270	rBV2	480978	1231138	100.00%	12.653%
33	5.341	1319	1322	1324	rBV	345	244	0.02%	0.003%
34	5.396	1332	1339	1342	rBV4	526	507	0.04%	0.005%

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ALS Vial : 45 Sample Multiplier: 1

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Peak separation: 5

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

35	5.550	1383	1387	1389	rBV2	194	149	0.01%	0.002%
36	5.582	1395	1397	1402	rVB2	312	194	0.02%	0.002%
37	5.640	1402	1415	1438	rBV	408734	803636	65.28%	8.259%
38	5.929	1494	1505	1534	rVB3	30696	65406	5.31%	0.672%
39	6.093	1542	1556	1585	rBV	273501	556687	45.22%	5.721%
40	6.331	1627	1630	1634	rBV	279	147	0.01%	0.002%
41	6.354	1635	1637	1640	rVB2	379	187	0.02%	0.002%
42	6.412	1653	1655	1656	rBV2	303	125	0.01%	0.001%
43	6.463	1668	1671	1673	rBV2	280	175	0.01%	0.002%
44	6.531	1690	1692	1697	rVB	227	133	0.01%	0.001%
45	6.560	1697	1701	1704	rBV3	278	201	0.02%	0.002%
46	6.579	1704	1707	1708	rBV3	519	226	0.02%	0.002%
47	6.672	1733	1736	1742	rBV2	423	249	0.02%	0.003%
48	6.704	1742	1746	1749	rVB3	381	249	0.02%	0.003%
49	6.733	1753	1755	1757	rBV	222	124	0.01%	0.001%
50	6.794	1772	1774	1777	rVB	325	155	0.01%	0.002%
51	6.814	1777	1780	1782	rBV	259	172	0.01%	0.002%
52	6.849	1787	1791	1794	rVV	207	210	0.02%	0.002%
53	6.878	1798	1800	1803	rBV2	184	112	0.01%	0.001%
54	6.894	1803	1805	1808	rBV2	239	104	0.01%	0.001%
55	6.913	1808	1811	1813	rBV	413	250	0.02%	0.003%
56	6.952	1820	1823	1826	rBV	187	105	0.01%	0.001%
57	7.010	1830	1841	1866	rVV	150846	274452	22.29%	2.821%
58	7.206	1900	1902	1906	rBV2	367	267	0.02%	0.003%
59	7.338	1928	1943	1968	rBV	590016	1016019	82.53%	10.442%
60	7.643	2028	2038	2058	rBV	108235	188821	15.34%	1.941%
61	7.852	2100	2103	2104	rBV2	393	251	0.02%	0.003%
62	7.875	2108	2110	2113	rVB	387	145	0.01%	0.001%
63	7.920	2121	2124	2127	rBV	429	237	0.02%	0.002%
64	7.955	2127	2135	2142	rBV5	1062	1857	0.15%	0.019%
65	8.003	2142	2150	2159	rVB7	2723	4623	0.38%	0.048%
66	8.045	2159	2163	2166	rVB	270	195	0.02%	0.002%
67	8.058	2166	2167	2170	rBV	230	106	0.01%	0.001%
68	8.109	2173	2183	2224	rBV2	268457	529593	43.02%	5.443%
69	8.498	2302	2304	2306	rVB	415	178	0.01%	0.002%
70	8.662	2353	2355	2359	rVB3	306	132	0.01%	0.001%
71	8.717	2369	2372	2377	rBV2	238	168	0.01%	0.002%

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ClientSampleId : C0AA7

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

72	8.797	2394	2397	2403	rBV2	340	296	0.02%	0.003%
73	8.871	2409	2420	2452	rBV	619247	1011944	82.20%	10.400%
74	9.219	2525	2528	2529	rBV	220	122	0.01%	0.001%
75	9.469	2604	2606	2609	rBV	267	152	0.01%	0.002%
76	9.556	2631	2633	2636	rBV	272	213	0.02%	0.002%
77	9.878	2731	2733	2737	rVB2	258	136	0.01%	0.001%
78	10.084	2794	2797	2802	rBV2	265	193	0.02%	0.002%
79	10.238	2832	2845	2872	rVV	345659	538843	43.77%	5.538%
80	10.357	2879	2882	2888	rBV	263	275	0.02%	0.003%
81	10.402	2888	2896	2901	rBV7	1244	2027	0.16%	0.021%
82	10.479	2916	2920	2921	rBV2	357	240	0.02%	0.002%
83	10.524	2932	2934	2935	rBV	219	110	0.01%	0.001%
84	10.598	2953	2957	2964	rVB5	813	1019	0.08%	0.010%
85	10.723	2994	2996	2998	rBV	205	94	0.01%	0.001%
86	10.939	3058	3063	3066	rBV2	1060	1003	0.08%	0.010%
87	11.013	3082	3086	3087	rBV2	319	217	0.02%	0.002%
88	11.090	3106	3110	3112	rBV2	239	180	0.01%	0.002%
89	11.119	3117	3119	3121	rVB	247	110	0.01%	0.001%
90	11.270	3154	3166	3189	rBV	655478	1008139	81.89%	10.361%
91	11.489	3230	3234	3237	rBV2	916	587	0.05%	0.006%
92	11.646	3271	3283	3303	rBV	639403	999847	81.21%	10.276%
93	11.810	3328	3334	3341	rBV3	2393	3034	0.25%	0.031%
94	11.862	3348	3350	3355	rBV2	342	280	0.02%	0.003%
95	12.264	3471	3475	3477	rBV2	624	400	0.03%	0.004%
96	12.315	3489	3491	3493	rBV	278	186	0.02%	0.002%
97	12.675	3600	3603	3612	rVB3	531	583	0.05%	0.006%
98	13.717	3925	3927	3929	rBV3	426	170	0.01%	0.002%
99	13.987	4008	4011	4014	rBV2	794	564	0.05%	0.006%
100	14.154	4061	4063	4066	rBV	413	204	0.02%	0.002%

Sum of corrected areas: 9730328

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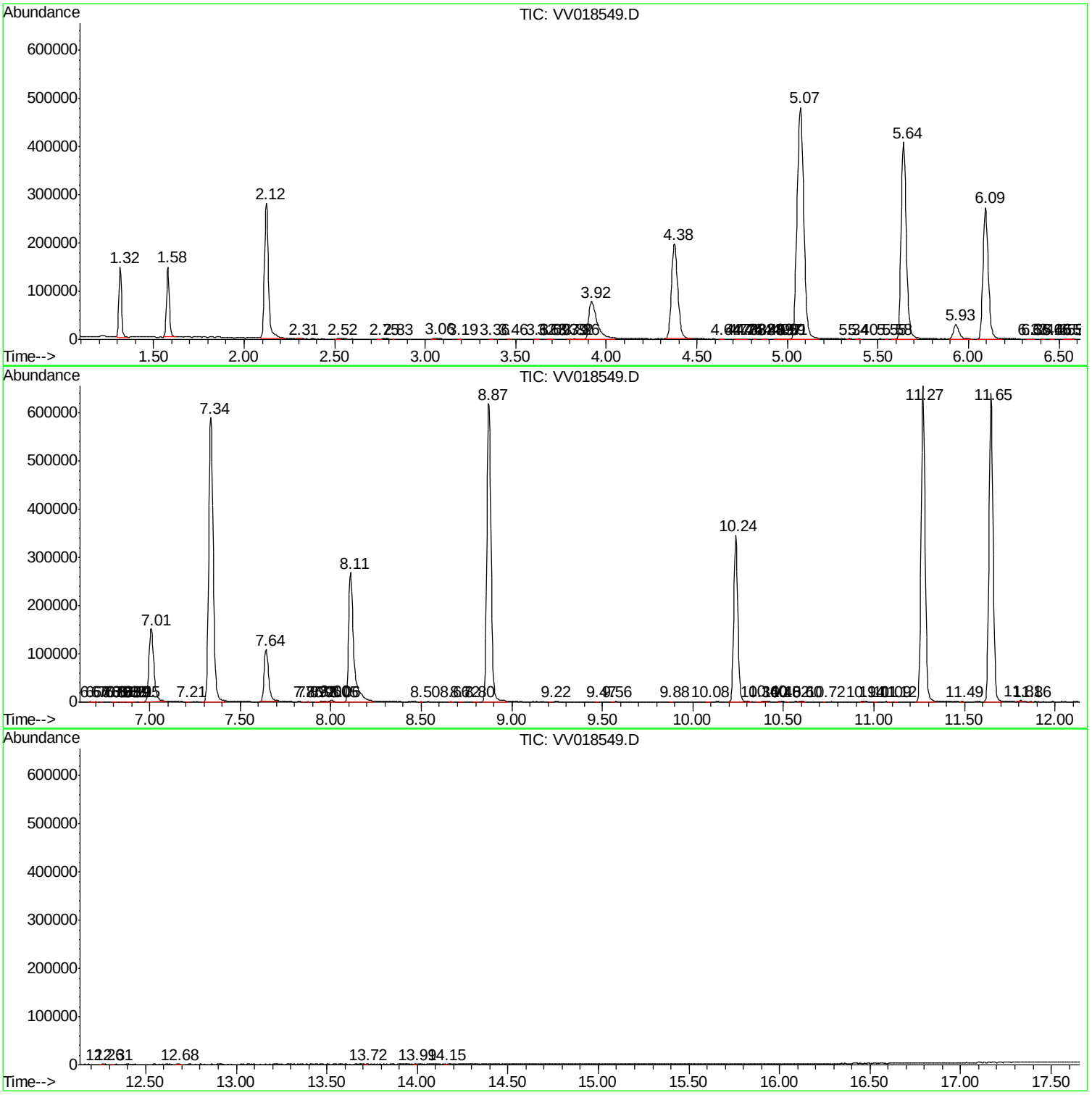
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
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Instrument : MSVOA_V
ClientSampleId : C0AA7

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

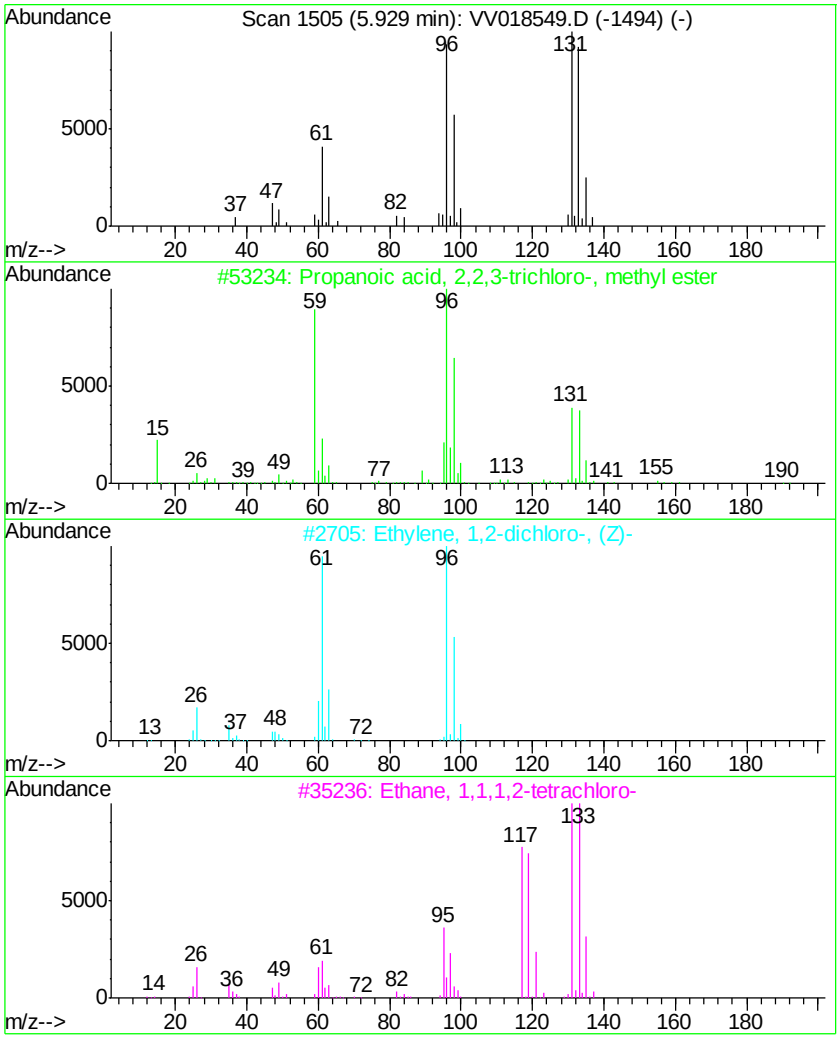
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

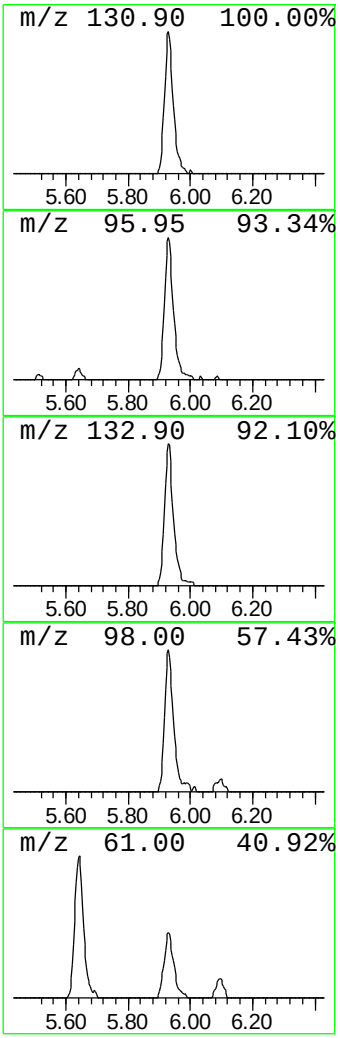
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	4.07 ug/L	65406	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	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	25
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	23
5	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	12





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propanoic acid, 2...	5.93	4.1	ug/L	65406	1	5.64	803636	50.0