LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100220\
Data File : VV018644.D
Acq On : 02 Oct 2020 22:44
Operator : SY/MD
Sample : L4254-04
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3S5

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	1.312	63	69	84	rVB	126555	129286	13.59%	1.667%
2	1.576	144	151	165	rVB	117088	128781	13.54%	1.661%
3	2.119	310	320	336	rBV	239972	360350	37.88%	4.648%
4	2.650	483	485	487	rBV	275	130	0.01%	0.002%
5	2.721	505	507	511	rBV2	263	146	0.02%	0.002%
6	2.743	511	514	517	rVB2	326	186	0.02%	0.002%
7	2.778	521	525	532	rVB3	621	775	0.08%	0.010%
8	2.817	535	537	538	rBV3	228	87	0.01%	0.001%
9	2.875	553	555	556	rBV2	288	89	0.01%	0.001%
10	2.926	568	571	574	rVB	238	133	0.01%	0.002%
11	2.942	574	576	579	rBV2	296	203	0.02%	0.003%
12	2.981	586	588	592	rBV2	137	94	0.01%	0.001%
13	3.007	593	596	600	rVB3	269	206	0.02%	0.003%
14	3.058	604	612	626	rVB4	1587	3523	0.37%	0.045%
15	3.254	669	673	675	rBV	245	185	0.02%	0.002%
16	3.386	707	714	717	rBV2	293	376	0.04%	0.005%
17	3.627	786	789	793	rBV	152	103	0.01%	0.001%
18	3.775	832	835	837	rBV	203	120	0.01%	0.002%
19	3.904	865	875	904	rBV	65200	179210	18.84%	2.311%
20	4.290	993	995	997	rBV2	350	152	0.02%	0.002%
21	4.376	1006	1022	1047	rBV	158188	393785	41.40%	5.079%
22	4.495	1057	1059	1061	rBV	470	226	0.02%	0.003%
23	4.544	1072	1074	1080	rVB2	505	428	0.04%	0.006%
24	4.576	1080	1084	1086	rBV3	315	276	0.03%	0.004%
25	4.598	1089	1091	1092	rBV	213	82	0.01%	0.001%
26	4.666	1107	1112	1114	rBV	362	242	0.03%	0.003%
27	4.849	1167	1169	1170	rBV	195	90	0.01%	0.001%
28	4.913	1184	1189	1191	rBV	183	188	0.02%	0.002%
29	4.929	1191	1194	1197	rVV2	330	260	0.03%	0.003%
30	4.958	1200	1203	1208	rBV2	435	293	0.03%	0.004%
31	5.071	1221	1238	1264	rBV2	373489	951185	100.00%	12.268%
32	5.335	1318	1320	1321	rBV2	359	126	0.01%	0.002%
33	5.360	1326	1328	1333	rVB2	272	214	0.02%	0.003%
34	5.383	1333	1335	1337	rBV2	243	152	0.02%	0.002%

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Integrator: RTE
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Peak separation: 5

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

35	5.396	1337	1339	1344	rBV3	168	116	0.01%	0.001%
36	5.460	1358	1359	1364	rVB2	393	221	0.02%	0.003%
37	5.502	1370	1372	1376	rVV2	232	213	0.02%	0.003%
38	5.521	1376	1378	1383	rVB3	337	221	0.02%	0.003%
39	5.640	1403	1415	1436	rBV	350606	689183	72.46%	8.889%
40	5.926	1493	1504	1529	rVB3	36117	77198	8.12%	0.996%
41	6.093	1543	1556	1583	rBV	212422	430436	45.25%	5.552%
42	6.335	1628	1631	1635	rBV3	264	210	0.02%	0.003%
43	6.399	1649	1651	1653	rBV3	455	278	0.03%	0.004%
44	6.437	1661	1663	1666	rBV	171	91	0.01%	0.001%
45	6.518	1686	1688	1689	rBV	178	74	0.01%	0.001%
46	6.531	1690	1692	1694	rBV2	361	183	0.02%	0.002%
47	6.740	1755	1757	1761	rBV2	200	139	0.01%	0.002%
48	6.765	1761	1765	1766	rBV	175	117	0.01%	0.002%
49	6.846	1787	1790	1793	rBV2	270	162	0.02%	0.002%
50	7.007	1829	1840	1869	rBV	117759	212686	22.36%	2.743%
51	7.216	1901	1905	1908	rBV	461	312	0.03%	0.004%
52	7.338	1929	1943	1968	rBV	447945	764396	80.36%	9.859%
53	7.643	2027	2038	2062	rBV2	84111	148503	15.61%	1.915%
54	7.871	2106	2109	2114	rVB2	352	299	0.03%	0.004%
55	7.926	2122	2126	2129	rBV	250	214	0.02%	0.003%
56	7.955	2131	2135	2141	rBV2	364	431	0.05%	0.006%
57	8.003	2143	2150	2154	rBV4	1107	1330	0.14%	0.017%
58	8.109	2173	2183	2219	rBV2	185203	391130	41.12%	5.045%
59	8.415	2275	2278	2280	rBV	316	194	0.02%	0.003%
60	8.457	2289	2291	2292	rBV	288	84	0.01%	0.001%
61	8.511	2304	2308	2310	rBV2	217	179	0.02%	0.002%
62	8.524	2310	2312	2315	rVV2	377	169	0.02%	0.002%
63	8.576	2326	2328	2333	rVB	291	192	0.02%	0.002%
64	8.601	2334	2336	2340	rBV2	268	165	0.02%	0.002%
65	8.630	2343	2345	2347	rBV	268	122	0.01%	0.002%
66	8.704	2365	2368	2371	rBV2	371	178	0.02%	0.002%
67	8.720	2371	2373	2375	rBV	227	108	0.01%	0.001%
68	8.823	2401	2405	2407	rBV	221	176	0.02%	0.002%
69	8.871	2409	2420	2446	rBV	541404	873285	91.81%	11.263%
70	9.167	2506	2512	2515	rBV2	346	358	0.04%	0.005%
71	9.199	2519	2522	2523	rBV2	277	145	0.02%	0.002%

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ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3S5

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	9.286	2547	2549	2553	rBV	300	185	0.02%	0.002%
73	9.441	2594	2597	2598	rBV	210	95	0.01%	0.001%
74	9.486	2607	2611	2613	rBV	356	250	0.03%	0.003%
75	9.572	2635	2638	2640	rBV	216	140	0.01%	0.002%
76	9.601	2644	2647	2652	rBV2	177	172	0.02%	0.002%
77	9.788	2701	2705	2707	rBV2	275	201	0.02%	0.003%
78	9.842	2719	2722	2728	rVB2	347	223	0.02%	0.003%
79	9.961	2756	2759	2761	rVV	284	150	0.02%	0.002%
80	9.977	2762	2764	2766	rVB	300	98	0.01%	0.001%
81	10.013	2771	2775	2776	rBV	296	204	0.02%	0.003%
82	10.238	2833	2845	2862	rBV	238401	380764	40.03%	4.911%
83	10.331	2871	2874	2878	rVB3	436	352	0.04%	0.005%
84	10.486	2916	2922	2926	rBV3	458	560	0.06%	0.007%
85	10.601	2955	2958	2959	rBV	263	152	0.02%	0.002%
86	11.270	3154	3166	3186	rBV	555029	851692	89.54%	10.985%
87	11.399	3203	3206	3210	rBV3	304	306	0.03%	0.004%
88	11.511	3237	3241	3244	rBV	259	196	0.02%	0.003%
89	11.601	3265	3269	3270	rBV	272	184	0.02%	0.002%
90	11.646	3270	3283	3299	rVV	502080	770158	80.97%	9.933%
91	11.926	3367	3370	3373	rVB	273	158	0.02%	0.002%
92	12.045	3405	3407	3409	rBV2	214	107	0.01%	0.001%
93	12.479	3540	3542	3544	rBV	312	127	0.01%	0.002%
94	12.662	3597	3599	3604	rBV	284	280	0.03%	0.004%
95	12.727	3616	3619	3623	rBV2	348	232	0.02%	0.003%
96	12.752	3623	3627	3634	rVB3	324	381	0.04%	0.005%
97	13.820	3956	3959	3960	rBV	213	110	0.01%	0.001%
98	14.006	4014	4017	4019	rBV2	295	171	0.02%	0.002%
99	14.186	4072	4073	4077	rBV2	366	173	0.02%	0.002%
100	14.743	4242	4246	4249	rBV2	379	299	0.03%	0.004%

Sum of corrected areas: 7753300

LSC Report - Integrated Chromatogram

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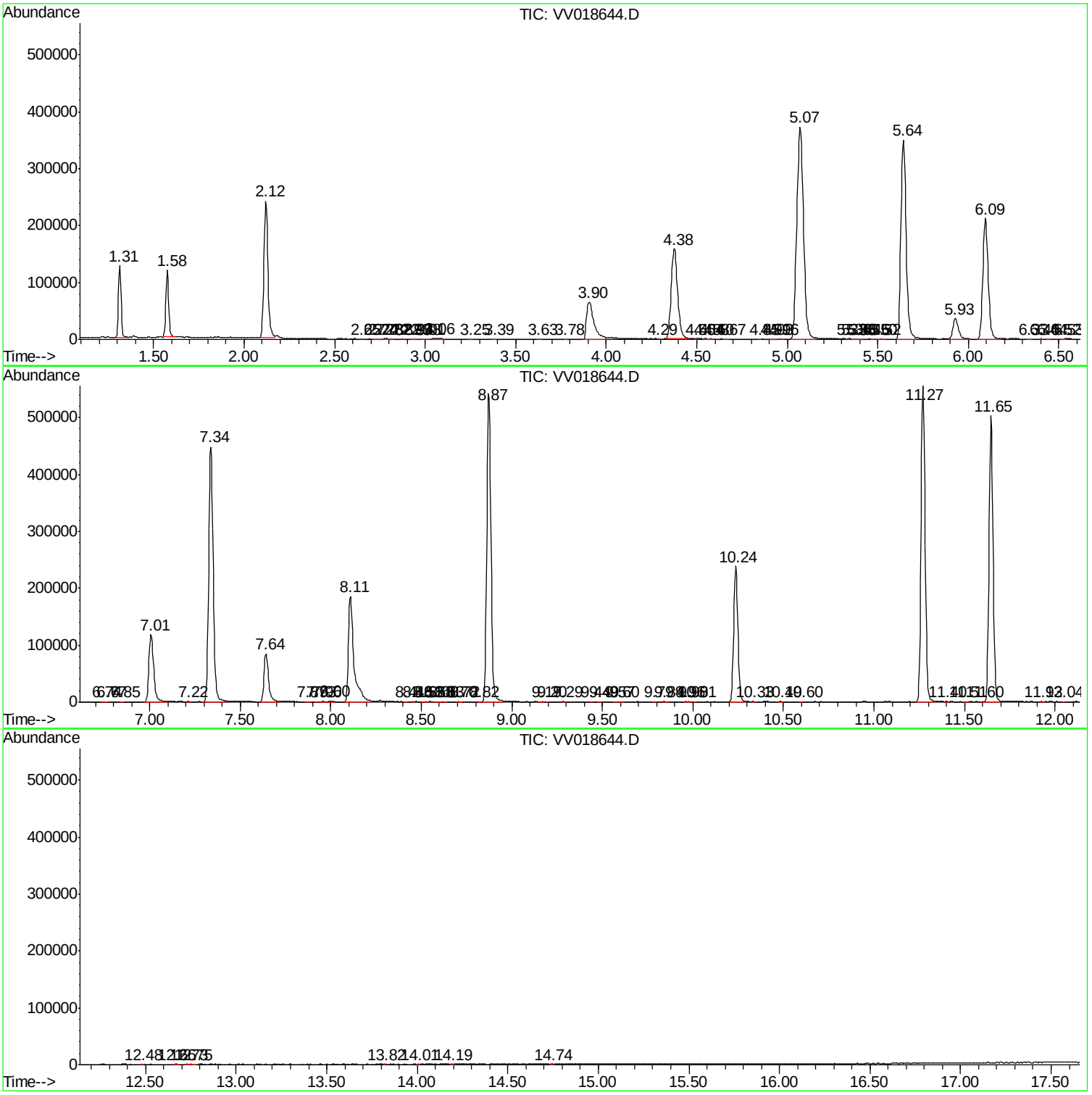
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3S5

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\VV100220\
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Operator : SY/MD
Sample : L4254-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3S5

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

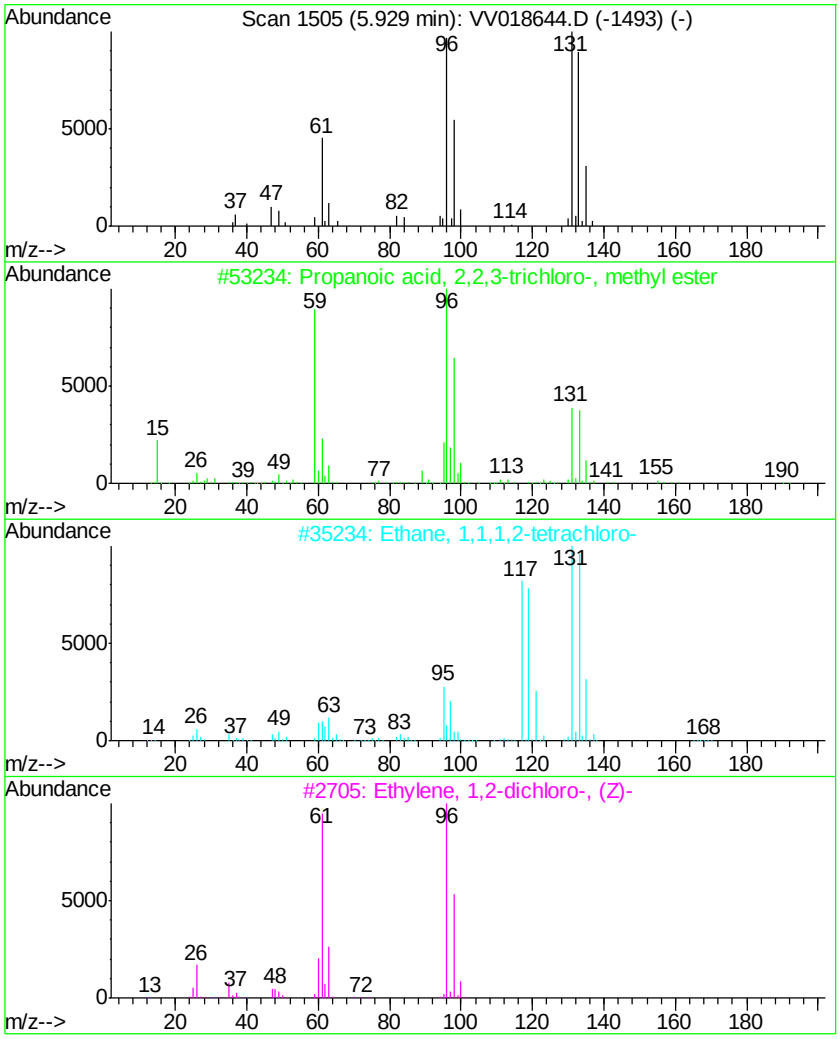
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

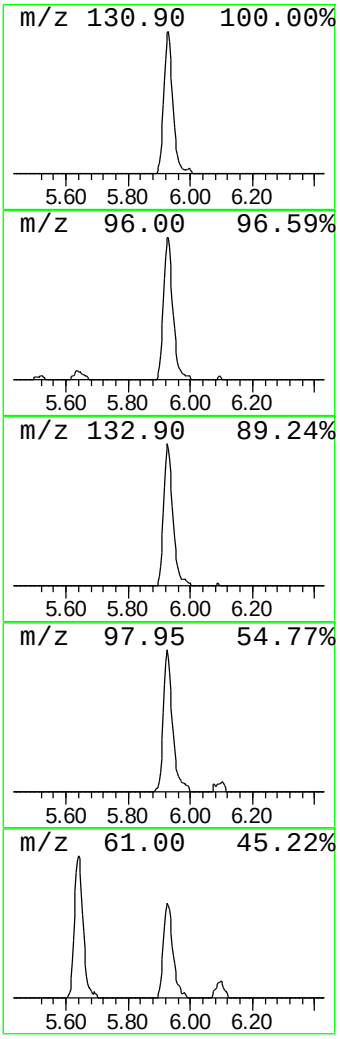
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	5.60 ug/L	77198	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	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	43
3	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	30
4	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	27
5	Benzonitrile, 4-methoxy-	133	C8H7NO	000874-90-8	9





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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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	5.6	ug/L	77198	1	5.64	689183	50.0