LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
Data File : VV018546.D
Acq On : 30 Sep 2020 03:20
Operator : SY/MD
Sample : L4165-04
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AA4

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	157527	158703	12.35%	1.559%
2	1.579	145	152	167	rVB	146417	167815	13.05%	1.648%
3	2.122	312	321	355	rVB	296754	455261	35.41%	4.471%
4	2.293	372	374	375	rBV	457	190	0.01%	0.002%
5	2.592	464	467	469	rVB3	383	242	0.02%	0.002%
6	2.653	483	486	488	rBV2	295	215	0.02%	0.002%
7	2.685	494	496	498	rBV	324	179	0.01%	0.002%
8	2.756	514	518	519	rBV2	270	206	0.02%	0.002%
9	2.781	519	526	529	rBV4	924	1104	0.09%	0.011%
10	2.862	547	551	554	rBV	271	203	0.02%	0.002%
11	2.955	575	580	582	rBV2	227	175	0.01%	0.002%
12	2.971	582	585	590	rVV2	299	233	0.02%	0.002%
13	3.013	595	598	601	rBV3	307	196	0.02%	0.002%
14	3.064	605	614	626	rBV4	3237	6321	0.49%	0.062%
15	3.171	644	647	651	rBV	392	251	0.02%	0.002%
16	3.216	658	661	664	rBV3	349	197	0.02%	0.002%
17	3.270	674	678	683	rBV2	404	386	0.03%	0.004%
18	3.376	707	711	713	rBV2	223	179	0.01%	0.002%
19	3.402	717	719	722	rVB2	259	156	0.01%	0.002%
20	3.425	722	726	728	rBV2	258	167	0.01%	0.002%
21	3.569	767	771	773	rBV	167	161	0.01%	0.002%
22	3.720	815	818	820	rBV2	439	243	0.02%	0.002%
23	3.794	839	841	843	rBV	270	117	0.01%	0.001%
24	3.833	848	853	858	rBV2	446	440	0.03%	0.004%
25	3.916	867	879	923	rBV	87184	266846	20.76%	2.621%
26	4.376	1006	1022	1047	rBV	203781	499907	38.89%	4.909%
27	4.698	1118	1122	1124	rBV2	519	383	0.03%	0.004%
28	4.801	1151	1154	1157	rVB2	383	219	0.02%	0.002%
29	4.965	1202	1205	1208	rBV	249	174	0.01%	0.002%
30	4.981	1208	1210	1213	rVB	408	212	0.02%	0.002%
31	5.071	1213	1238	1268	rBV2	499357	1285514	100.00%	12.624%
32	5.379	1332	1334	1337	rVB2	401	185	0.01%	0.002%
33	5.437	1346	1352	1354	rBV2	737	651	0.05%	0.006%
34	5.498	1367	1371	1373	rBV2	214	158	0.01%	0.002%

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Sample : L4165-04
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AA4

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

35	5.514	1373	1376	1377	rVV2	335	178	0.01%	0.002%
36	5.531	1378	1381	1384	rVV2	592	357	0.03%	0.004%
37	5.556	1387	1389	1392	rVB2	406	182	0.01%	0.002%
38	5.640	1403	1415	1442	rBV	428153	853342	66.38%	8.380%
39	5.929	1493	1505	1527	rVB	32910	67150	5.22%	0.659%
40	6.093	1543	1556	1582	rBV	286633	577857	44.95%	5.675%
41	6.347	1632	1635	1639	rBV2	287	209	0.02%	0.002%
42	6.383	1643	1646	1648	rBV	241	146	0.01%	0.001%
43	6.415	1654	1656	1658	rBV2	284	131	0.01%	0.001%
44	6.486	1673	1678	1680	rVB2	341	230	0.02%	0.002%
45	6.505	1680	1684	1688	rBV2	307	214	0.02%	0.002%
46	6.585	1707	1709	1712	rVB	228	126	0.01%	0.001%
47	6.694	1741	1743	1748	rVB2	321	185	0.01%	0.002%
48	6.936	1817	1818	1822	rBV	296	176	0.01%	0.002%
49	6.958	1822	1825	1826	rBV	203	120	0.01%	0.001%
50	7.006	1829	1840	1863	rBV	156147	285167	22.18%	2.800%
51	7.276	1922	1924	1927	rBV2	316	156	0.01%	0.002%
52	7.338	1929	1943	1975	rBV	616087	1057907	82.29%	10.389%
53	7.643	2027	2038	2057	rBV	113939	198709	15.46%	1.951%
54	7.807	2087	2089	2092	rBV2	344	178	0.01%	0.002%
55	7.858	2101	2105	2109	rBV2	403	429	0.03%	0.004%
56	7.968	2130	2139	2143	rBV3	520	744	0.06%	0.007%
57	7.997	2144	2148	2150	rBV	787	618	0.05%	0.006%
58	8.058	2165	2167	2170	rVB	327	186	0.01%	0.002%
59	8.109	2173	2183	2218	rBV2	275422	556440	43.29%	5.464%
60	8.453	2288	2290	2293	rBV	280	163	0.01%	0.002%
61	8.476	2293	2297	2298	rBV2	414	282	0.02%	0.003%
62	8.518	2306	2310	2311	rBV	337	214	0.02%	0.002%
63	8.556	2318	2322	2324	rBV2	269	171	0.01%	0.002%
64	8.624	2340	2343	2344	rVV	243	115	0.01%	0.001%
65	8.807	2398	2400	2402	rBV	295	131	0.01%	0.001%
66	8.871	2408	2420	2442	rBV	659644	1060846	82.52%	10.418%
67	9.122	2493	2498	2502	rBV2	534	553	0.04%	0.005%
68	9.161	2507	2510	2514	rBV2	468	414	0.03%	0.004%
69	9.357	2565	2571	2575	rBV3	396	416	0.03%	0.004%
70	9.447	2596	2599	2603	rBV	394	287	0.02%	0.003%
71	9.501	2612	2616	2619	rBV2	261	248	0.02%	0.002%

LSC Area Percent Report

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Acq On : 30 Sep 2020 03:20
Operator : SY/MD
Sample : L4165-04
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AA4

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	9.518	2619	2621	2625	rVV	290	223	0.02%	0.002%
73	9.572	2635	2638	2646	rVB2	500	471	0.04%	0.005%
74	9.836	2719	2720	2723	rVB2	349	146	0.01%	0.001%
75	9.887	2734	2736	2742	rVB2	342	239	0.02%	0.002%
76	9.961	2755	2759	2763	rBV	406	355	0.03%	0.003%
77	10.087	2795	2798	2799	rBV	259	138	0.01%	0.001%
78	10.096	2799	2801	2805	rVB2	471	244	0.02%	0.002%
79	10.132	2810	2812	2814	rBV	311	178	0.01%	0.002%
80	10.238	2833	2845	2864	rBV	348220	551826	42.93%	5.419%
81	10.382	2888	2890	2892	rBV2	439	198	0.02%	0.002%
82	10.559	2941	2945	2947	rBV3	473	429	0.03%	0.004%
83	10.604	2952	2959	2964	rVB5	1372	2009	0.16%	0.020%
84	10.804	3016	3021	3022	rBV	261	183	0.01%	0.002%
85	10.900	3047	3051	3055	rBV4	640	606	0.05%	0.006%
86	11.164	3131	3133	3139	rVB4	608	464	0.04%	0.005%
87	11.209	3145	3147	3151	rBV	311	199	0.02%	0.002%
88	11.270	3154	3166	3189	rBV	693328	1069915	83.23%	10.507%
89	11.646	3271	3283	3302	rBV	671302	1037194	80.68%	10.186%
90	11.906	3362	3364	3368	rBV2	338	226	0.02%	0.002%
91	11.926	3368	3370	3373	rBV2	289	158	0.01%	0.002%
92	11.997	3390	3392	3394	rBV2	395	217	0.02%	0.002%
93	12.096	3419	3423	3426	rBV	326	354	0.03%	0.003%
94	12.138	3433	3436	3437	rBV	341	134	0.01%	0.001%
95	12.492	3541	3546	3550	rBV3	382	456	0.04%	0.004%
96	12.906	3672	3675	3684	rVB5	1729	2066	0.16%	0.020%
97	13.296	3790	3796	3799	rBV	860	881	0.07%	0.009%
98	13.386	3820	3824	3826	rBV2	454	404	0.03%	0.004%
99	13.640	3900	3903	3906	rBV2	461	245	0.02%	0.002%
100	13.742	3932	3935	3937	rBV2	369	228	0.02%	0.002%

Sum of corrected areas: 10182952

LSC Report - Integrated Chromatogram

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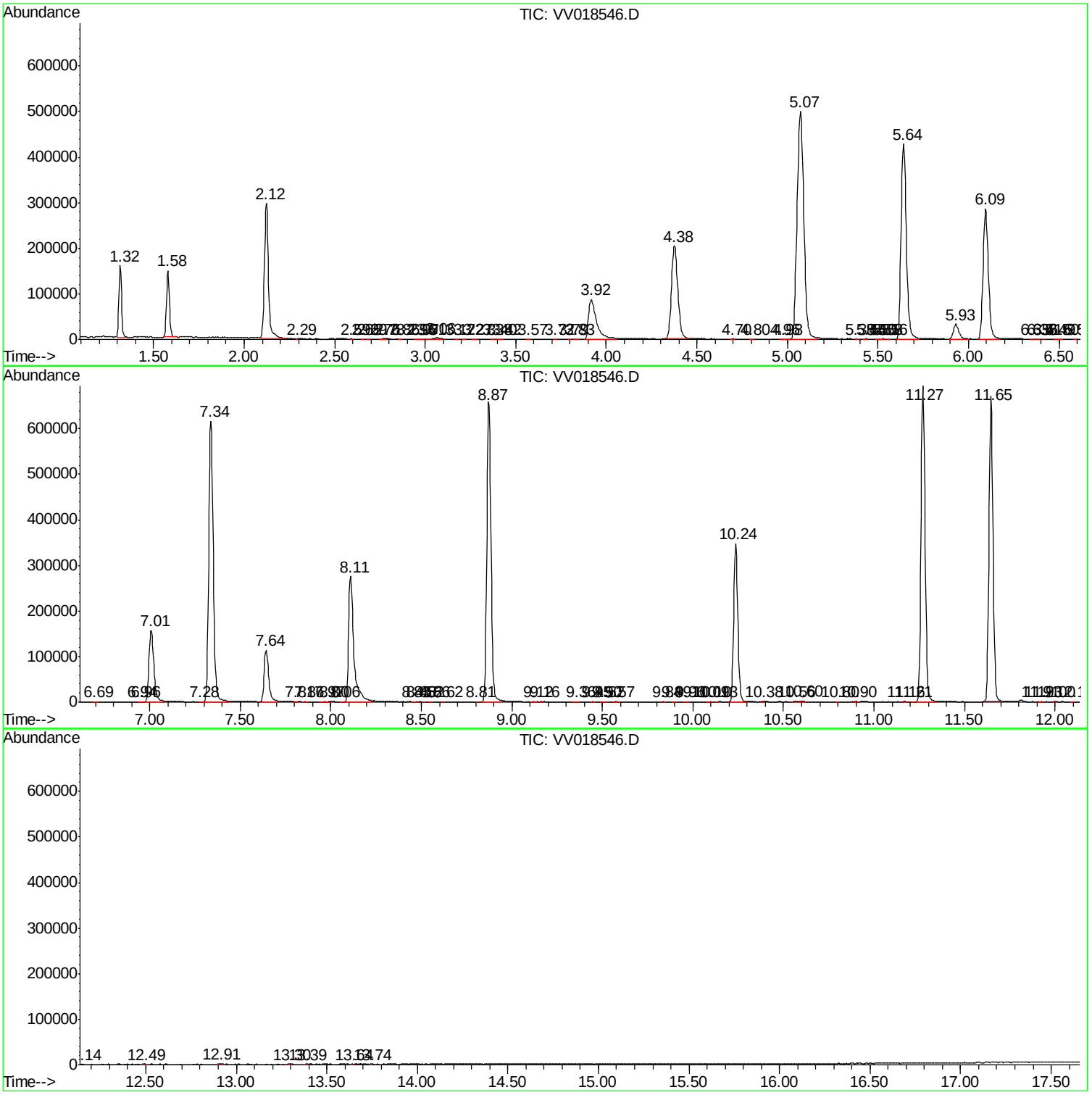
Sample : L4165-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AA4

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 : VV018546.D
Acq On : 30 Sep 2020 03:20
Operator : SY/MD
Sample : L4165-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AA4

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

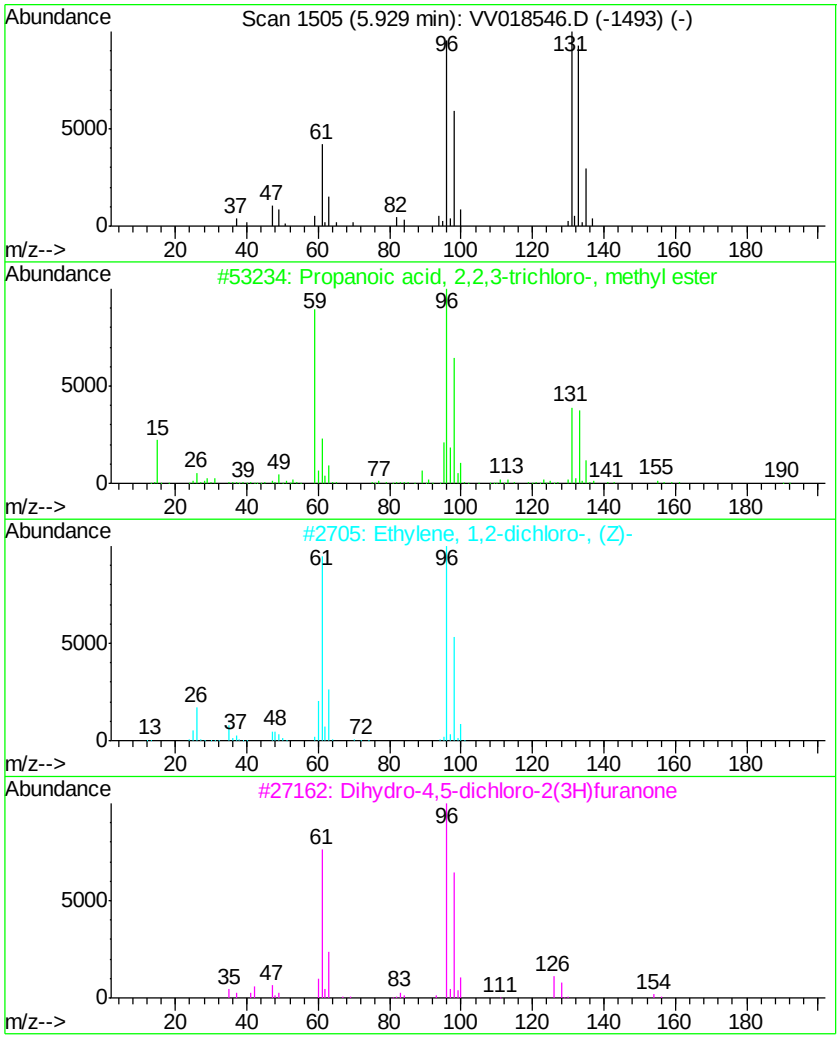
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

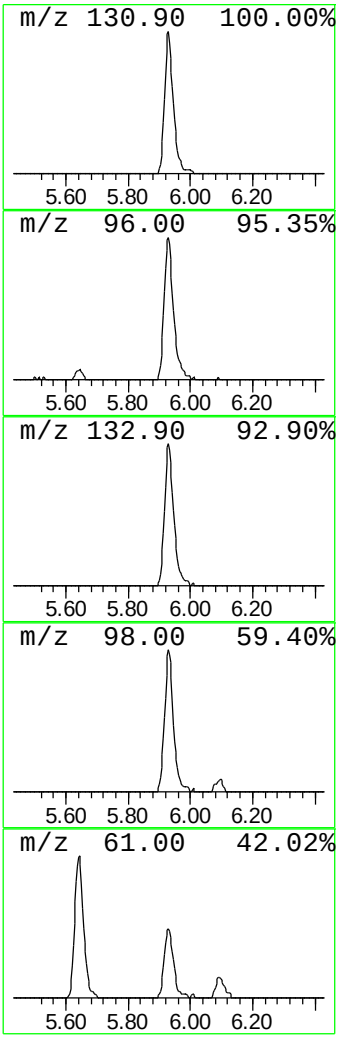
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	3.93 ug/L	67150	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	50
2	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	30
3	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	27
4	4(1H)-Pyrimidinone	96	C4H4N2O	004562-27-0	9
5	2H-Benzotriazole, 2-methyl-	133	C7H7N3	016584-00-2	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092920\
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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	3.9	ug/L	67150	1	5.64	853342	50.0