LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091120\
Data File : VV018193.D
Acq On : 11 Sep 2020 12:37
Operator : SY/MD
Sample : VV0911MBL01
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK66

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\SOMVLM090920WMA.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	63	70	87	rVB	160193	160243	13.76%	1.809%
2	1.579	144	152	165	rBV	138886	158577	13.62%	1.790%
3	2.123	311	321	365	rVB	278567	431433	37.04%	4.871%
4	2.312	370	380	388	rBV	1568	2373	0.20%	0.027%
5	2.377	397	400	405	rVV2	138	134	0.01%	0.002%
6	2.399	405	407	412	rVB3	179	112	0.01%	0.001%
7	2.528	438	447	457	rVB	4110	6607	0.57%	0.075%
8	2.573	458	461	465	rVB2	265	172	0.01%	0.002%
9	2.598	465	469	472	rBV2	194	149	0.01%	0.002%
10	2.631	476	479	480	rBV	153	105	0.01%	0.001%
11	2.782	522	526	537	rVB3	453	611	0.05%	0.007%
12	2.910	560	566	569	rVB2	128	129	0.01%	0.001%
13	3.045	604	608	611	rBV	154	114	0.01%	0.001%
14	3.097	620	624	631	rBV2	119	169	0.01%	0.002%
15	3.309	684	690	694	rBV2	196	211	0.02%	0.002%
16	3.405	717	720	725	rVB2	104	100	0.01%	0.001%
17	3.544	760	763	766	rBV2	131	97	0.01%	0.001%
18	3.714	812	816	819	rBV2	128	108	0.01%	0.001%
19	3.920	869	880	928	rBV	75828	249912	21.46%	2.822%
20	4.248	979	982	984	rBV2	168	113	0.01%	0.001%
21	4.380	1005	1023	1052	rBV	178246	454300	39.01%	5.129%
22	4.521	1065	1067	1072	rVB2	315	227	0.02%	0.003%
23	4.547	1072	1075	1078	rVB	270	145	0.01%	0.002%
24	4.560	1078	1079	1087	rVB3	316	290	0.02%	0.003%
25	4.640	1101	1104	1110	rVB3	208	144	0.01%	0.002%
26	4.669	1110	1113	1116	rBV	115	98	0.01%	0.001%
27	4.688	1117	1119	1126	rVB2	265	194	0.02%	0.002%
28	4.749	1135	1138	1147	rVB2	117	145	0.01%	0.002%
29	4.820	1158	1160	1166	rBV2	177	117	0.01%	0.001%
30	4.894	1180	1183	1188	rVB2	158	138	0.01%	0.002%
31	4.923	1188	1192	1197	rBV2	236	206	0.02%	0.002%
32	4.974	1204	1208	1213	rBV2	123	100	0.01%	0.001%
33	5.074	1221	1239	1278	rBV2	452591	1164631	100.00%	13.149%
34	5.425	1343	1348	1350	rBV2	155	128	0.01%	0.001%

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Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK66

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\SOMVLM090920WMA.M
Title : VOC Analysis

35	5.447	1352	1355	1357	rVB	264	160	0.01%	0.002%
36	5.576	1390	1395	1397	rBV	133	130	0.01%	0.001%
37	5.643	1403	1416	1441	rBV	340321	673893	57.86%	7.609%
38	5.929	1495	1505	1524	rBV2	21837	44418	3.81%	0.501%
39	6.097	1543	1557	1585	rBV	257862	524392	45.03%	5.921%
40	6.241	1596	1602	1606	rVB4	434	563	0.05%	0.006%
41	6.511	1683	1686	1691	rVB2	172	155	0.01%	0.002%
42	6.537	1691	1694	1700	rVB2	117	117	0.01%	0.001%
43	6.682	1736	1739	1741	rVV	153	97	0.01%	0.001%
44	6.746	1756	1759	1765	rVB2	96	97	0.01%	0.001%
45	6.907	1805	1809	1812	rVB2	132	121	0.01%	0.001%
46	7.010	1830	1841	1867	rBV	142242	259164	22.25%	2.926%
47	7.196	1896	1899	1905	rVB3	229	268	0.02%	0.003%
48	7.232	1905	1910	1913	rBV2	270	204	0.02%	0.002%
49	7.277	1919	1924	1926	rBV3	182	181	0.02%	0.002%
50	7.338	1931	1943	1964	rBV	531532	911757	78.29%	10.294%
51	7.643	2027	2038	2059	rBV	105326	180185	15.47%	2.034%
52	7.994	2144	2147	2148	rBV	177	98	0.01%	0.001%
53	8.003	2148	2150	2154	rVB3	410	276	0.02%	0.003%
54	8.109	2173	2183	2223	rBV2	277185	526873	45.24%	5.949%
55	8.344	2253	2256	2262	rVB2	418	278	0.02%	0.003%
56	8.447	2279	2288	2296	rVV3	1162	2018	0.17%	0.023%
57	8.608	2336	2338	2342	rVB	183	100	0.01%	0.001%
58	8.643	2343	2349	2354	rVB2	235	189	0.02%	0.002%
59	8.752	2377	2383	2387	rVV2	113	164	0.01%	0.002%
60	8.875	2409	2421	2456	rBV	539251	860086	73.85%	9.711%
61	9.100	2488	2491	2494	rBV	177	98	0.01%	0.001%
62	9.116	2494	2496	2502	rVB2	219	151	0.01%	0.002%
63	9.167	2508	2512	2514	rBV	221	202	0.02%	0.002%
64	9.341	2562	2566	2570	rBV2	120	103	0.01%	0.001%
65	9.466	2602	2605	2609	rBV2	129	117	0.01%	0.001%
66	9.492	2610	2613	2618	rVB2	139	109	0.01%	0.001%
67	9.572	2633	2638	2642	rBV2	351	308	0.03%	0.003%
68	9.601	2643	2647	2649	rVB3	160	138	0.01%	0.002%
69	9.794	2705	2707	2712	rVB2	231	176	0.02%	0.002%
70	9.958	2752	2758	2763	rVB3	304	393	0.03%	0.004%
71	9.984	2763	2766	2770	rVB2	155	109	0.01%	0.001%

LSC Area Percent Report

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ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK66

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\SOMVLM090920WMA.M
Title : VOC Analysis

72	10.013	2770	2775	2781	rBV2	109	165	0.01%	0.002%
73	10.238	2832	2845	2872	rVB	319104	500294	42.96%	5.649%
74	10.338	2872	2876	2879	rBV2	271	231	0.02%	0.003%
75	10.360	2879	2883	2885	rBV	187	146	0.01%	0.002%
76	10.527	2931	2935	2938	rBV	191	177	0.02%	0.002%
77	10.566	2943	2947	2954	rBV2	281	382	0.03%	0.004%
78	10.936	3059	3062	3063	rBV2	267	123	0.01%	0.001%
79	11.193	3138	3142	3143	rBV2	327	159	0.01%	0.002%
80	11.212	3143	3148	3155	rVB4	692	921	0.08%	0.010%
81	11.270	3155	3166	3187	rBV	548183	832077	71.45%	9.395%
82	11.360	3191	3194	3198	rVB2	624	463	0.04%	0.005%
83	11.428	3212	3215	3217	rBV2	207	134	0.01%	0.002%
84	11.463	3223	3226	3228	rVB2	312	132	0.01%	0.001%
85	11.646	3270	3283	3304	rBV	572948	893088	76.68%	10.083%
86	11.794	3326	3329	3331	rBV2	212	147	0.01%	0.002%
87	11.830	3338	3340	3343	rVB3	251	134	0.01%	0.002%
88	11.868	3349	3352	3356	rBV2	123	115	0.01%	0.001%
89	11.913	3363	3366	3368	rBV2	238	164	0.01%	0.002%
90	12.675	3596	3603	3608	rBV4	1000	1155	0.10%	0.013%
91	12.936	3681	3684	3687	rBV2	151	131	0.01%	0.001%
92	13.129	3741	3744	3748	rBV2	202	187	0.02%	0.002%
93	13.289	3788	3794	3802	rVB4	1395	1886	0.16%	0.021%
94	13.534	3865	3870	3882	rVB2	1411	1766	0.15%	0.020%
95	13.675	3910	3914	3919	rVB2	280	248	0.02%	0.003%
96	13.775	3938	3945	3952	rBV3	1295	1720	0.15%	0.019%
97	13.903	3983	3985	3988	rBV	189	149	0.01%	0.002%
98	14.009	4015	4018	4020	rBV2	287	211	0.02%	0.002%
99	14.183	4069	4072	4074	rBV2	249	173	0.01%	0.002%
100	14.264	4094	4097	4099	rBV3	245	161	0.01%	0.002%

Sum of corrected areas: 8857059

LSC Report - Integrated Chromatogram

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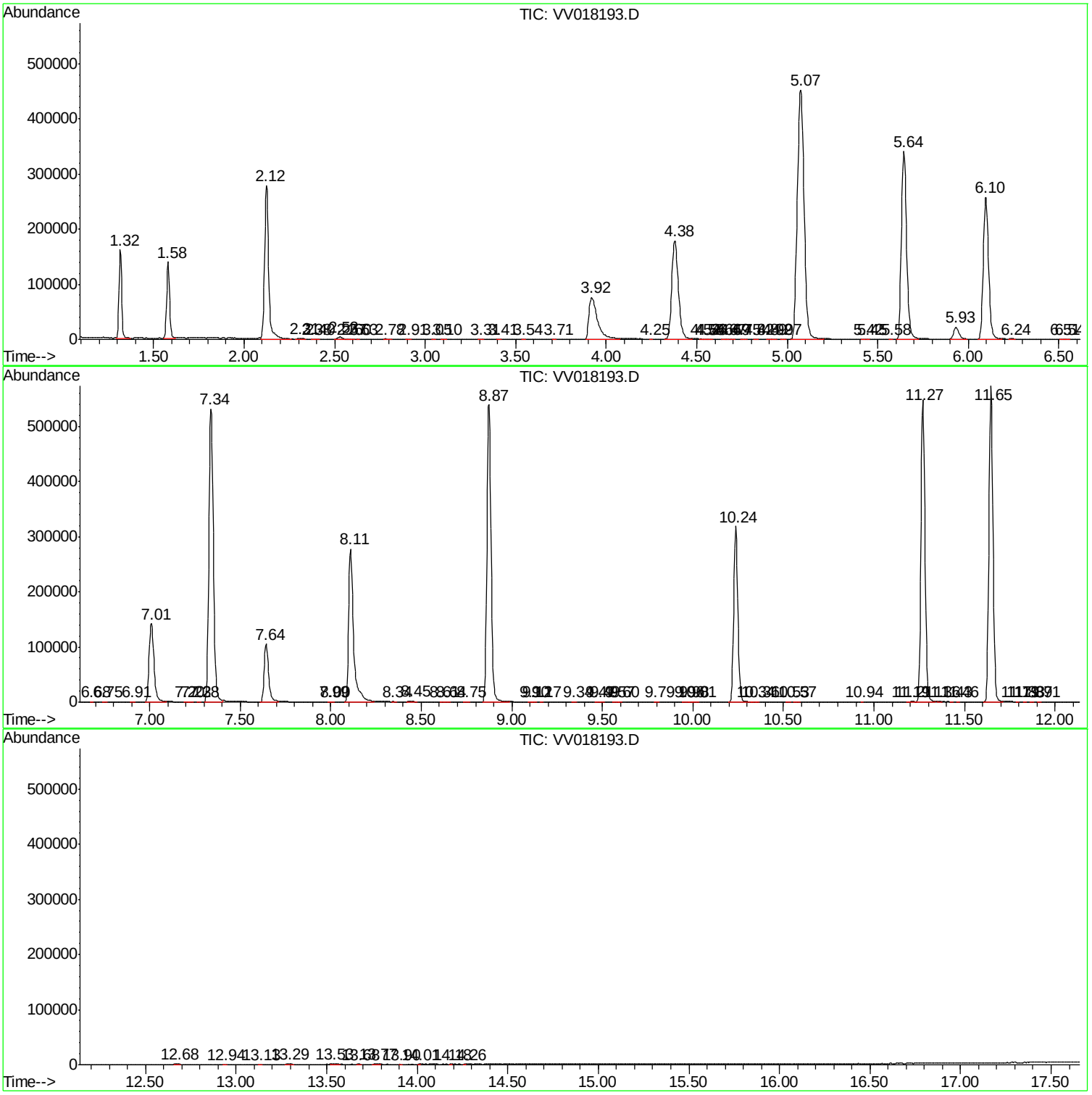
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK66

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.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\VV091120\
Data File : VV018193.D
Acq On : 11 Sep 2020 12:37
Operator : SY/MD
Sample : VV0911MBL01
Misc : 5.0g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK66

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis

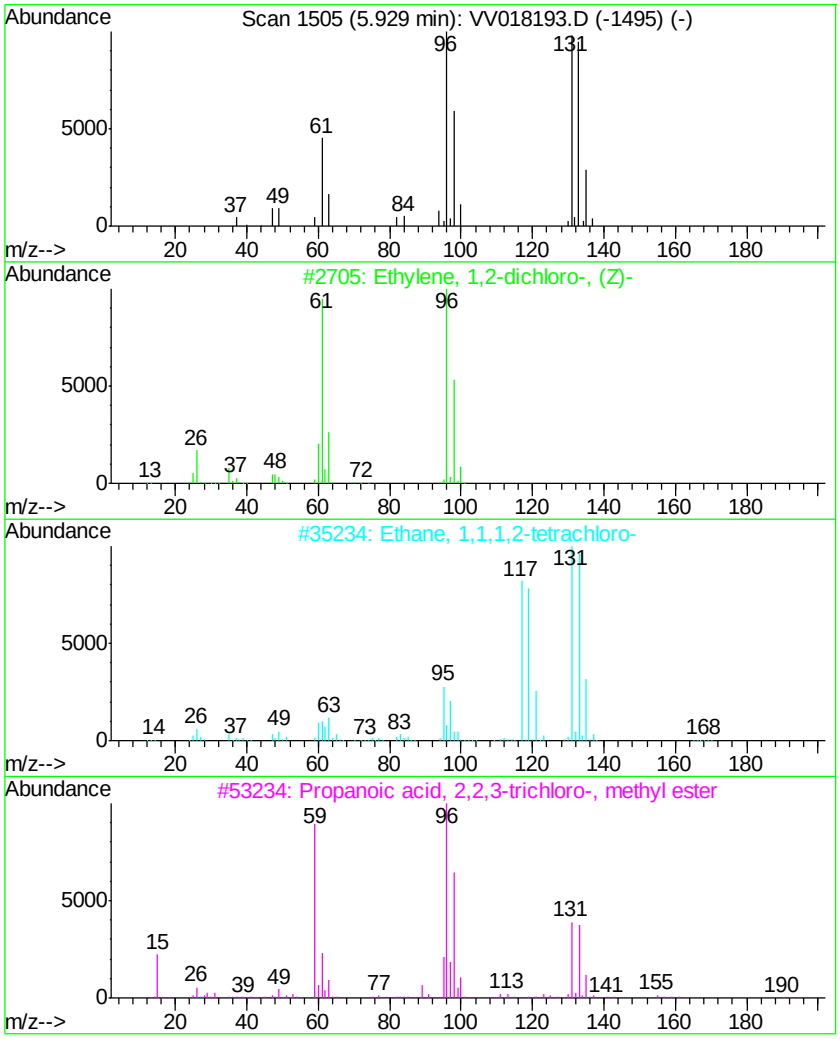
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

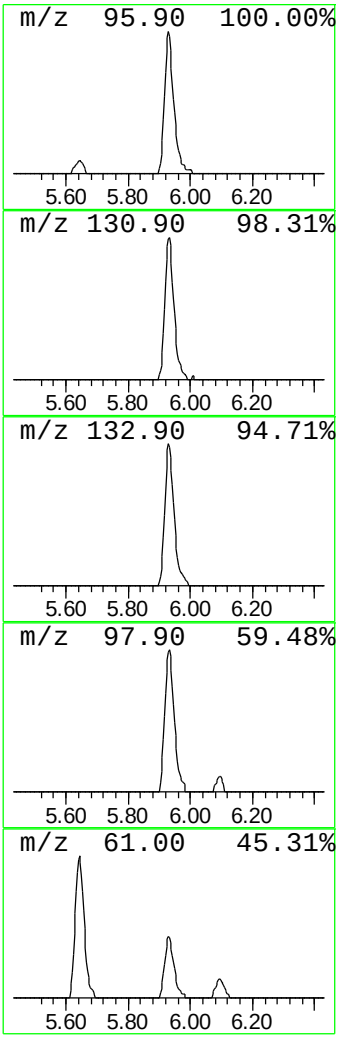
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	3.30 ug/L	44418	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
2	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	25
3	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	25
4	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
5	2-Cyano-3,5-dimethylpyrazine	133	C7H7N3	124629-52-3	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091120\
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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
unknown-01	5.93	3.3	ug/L	44418	1	5.64	673893	50.0