LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081420\
Data File : VV017986.D
Acq On : 14 Aug 2020 10:37
Operator : SY/MD
Sample : VV0814WBL01
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK80

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\SOMVLM081120WMA.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	82	rVB	156117	157880	15.47%	2.067%
2	1.579	144	152	165	rBV	128514	145261	14.24%	1.902%
3	2.122	310	321	352	rVB	265245	405770	39.77%	5.312%
4	2.258	361	363	367	rVB	202	102	0.01%	0.001%
5	2.312	373	380	388	rVB2	1307	1754	0.17%	0.023%
6	2.354	389	393	395	rVB3	205	145	0.01%	0.002%
7	2.463	424	427	431	rVB	260	194	0.02%	0.003%
8	2.524	438	446	455	rBV3	1988	2995	0.29%	0.039%
9	2.631	476	479	480	rBV2	225	130	0.01%	0.002%
10	2.778	520	525	528	rBV3	315	289	0.03%	0.004%
11	2.852	543	548	551	rBV	218	197	0.02%	0.003%
12	3.232	663	666	672	rVV	156	136	0.01%	0.002%
13	3.547	761	764	769	rVB2	143	122	0.01%	0.002%
14	3.685	803	807	815	rBV2	226	340	0.03%	0.004%
15	3.830	847	852	857	rBV2	133	155	0.02%	0.002%
16	3.910	866	877	917	rBV	67031	200767	19.68%	2.628%
17	4.376	1005	1022	1057	rBV	160841	401906	39.39%	5.261%
18	4.531	1067	1070	1075	rVB3	249	180	0.02%	0.002%
19	4.592	1085	1089	1090	rVV	207	157	0.02%	0.002%
20	4.598	1090	1091	1094	rVV	229	119	0.01%	0.002%
21	4.666	1107	1112	1116	rBV2	127	135	0.01%	0.002%
22	4.878	1173	1178	1189	rVB2	144	226	0.02%	0.003%
23	5.074	1221	1239	1274	rVV2	398211	1020367	100.00%	13.357%
24	5.347	1322	1324	1327	rBV2	174	148	0.01%	0.002%
25	5.437	1348	1352	1356	rBV2	168	142	0.01%	0.002%
26	5.643	1403	1416	1438	rBV	302973	606695	59.46%	7.942%
27	5.933	1495	1506	1525	rVB2	15857	33147	3.25%	0.434%
28	6.093	1543	1556	1581	rBV	225043	458975	44.98%	6.008%
29	6.232	1595	1599	1600	rBV2	486	293	0.03%	0.004%
30	6.306	1617	1622	1625	rVB2	251	187	0.02%	0.002%
31	6.746	1755	1759	1763	rBV2	128	116	0.01%	0.002%
32	7.010	1829	1841	1866	rBV	117338	212489	20.82%	2.782%
33	7.164	1886	1889	1894	rVB3	267	236	0.02%	0.003%
34	7.190	1894	1897	1900	rBV	152	112	0.01%	0.001%

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Sample : VV0814WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK80

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\SOMVLM081120WMA.M
Title : VOC Analysis

35	7.212	1900	1904	1907	rBV	183	99	0.01%	0.001%
36	7.338	1931	1943	1964	rBV	469388	797933	78.20%	10.445%
37	7.643	2028	2038	2063	rBV	85303	146818	14.39%	1.922%
38	7.794	2077	2085	2086	rBV2	201	259	0.03%	0.003%
39	7.871	2106	2109	2112	rBV2	184	124	0.01%	0.002%
40	7.965	2136	2138	2141	rVB3	214	137	0.01%	0.002%
41	8.003	2145	2150	2156	rVB2	423	421	0.04%	0.006%
42	8.032	2156	2159	2164	rVB	163	116	0.01%	0.002%
43	8.061	2164	2168	2173	rBV	162	175	0.02%	0.002%
44	8.109	2173	2183	2220	rBV	174445	350134	34.31%	4.583%
45	8.318	2246	2248	2252	rVB3	316	178	0.02%	0.002%
46	8.444	2279	2287	2295	rVB3	1333	2191	0.21%	0.029%
47	8.479	2296	2298	2302	rBV	186	118	0.01%	0.002%
48	8.534	2312	2315	2318	rVB2	167	115	0.01%	0.002%
49	8.608	2333	2338	2340	rBV	124	132	0.01%	0.002%
50	8.875	2408	2421	2456	rBV	477286	767723	75.24%	10.050%
51	9.039	2470	2472	2477	rVB2	432	324	0.03%	0.004%
52	9.129	2497	2500	2508	rBV2	100	120	0.01%	0.002%
53	9.164	2509	2511	2516	rBV2	166	148	0.01%	0.002%
54	9.248	2533	2537	2540	rBV2	108	108	0.01%	0.001%
55	9.322	2555	2560	2565	rBV2	102	124	0.01%	0.002%
56	9.405	2581	2586	2589	rBV2	131	139	0.01%	0.002%
57	9.482	2608	2610	2613	rVB2	183	105	0.01%	0.001%
58	9.511	2613	2619	2623	rBV2	114	164	0.02%	0.002%
59	9.576	2636	2639	2642	rBV2	150	113	0.01%	0.001%
60	9.621	2649	2653	2655	rBV2	126	104	0.01%	0.001%
61	9.740	2684	2690	2692	rBV	111	125	0.01%	0.002%
62	9.817	2711	2714	2719	rVB	140	111	0.01%	0.001%
63	9.910	2740	2743	2750	rVB2	146	140	0.01%	0.002%
64	9.955	2755	2757	2759	rVV	182	122	0.01%	0.002%
65	10.148	2813	2817	2821	rBV2	149	130	0.01%	0.002%
66	10.238	2832	2845	2865	rBV	276321	430453	42.19%	5.635%
67	10.408	2893	2898	2906	rVB2	341	460	0.05%	0.006%
68	10.447	2907	2910	2914	rBV2	146	99	0.01%	0.001%
69	10.569	2945	2948	2952	rVB	214	137	0.01%	0.002%
70	10.772	3007	3011	3014	rBV2	118	101	0.01%	0.001%
71	10.939	3060	3063	3066	rBV	178	148	0.01%	0.002%

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Sample : VV0814WBL01
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK80

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\SOMVLM081120WMA.M
Title : VOC Analysis

72	11.177	3134	3137	3142	rBV2	113	126	0.01%	0.002%
73	11.209	3142	3147	3154	rVB2	549	547	0.05%	0.007%
74	11.270	3154	3166	3191	rBV	469587	721760	70.74%	9.448%
75	11.437	3215	3218	3221	rBV	194	108	0.01%	0.001%
76	11.466	3225	3227	3231	rBV	136	125	0.01%	0.002%
77	11.556	3253	3255	3261	rVB2	228	149	0.01%	0.002%
78	11.646	3270	3283	3304	rBV	479786	751461	73.65%	9.837%
79	12.238	3464	3467	3470	rBV2	154	100	0.01%	0.001%
80	12.302	3484	3487	3490	rVB	199	121	0.01%	0.002%
81	12.325	3491	3494	3498	rVB	165	118	0.01%	0.002%
82	12.350	3498	3502	3507	rBV	184	186	0.02%	0.002%
83	12.424	3522	3525	3530	rVB3	252	183	0.02%	0.002%
84	12.649	3589	3595	3597	rBV2	155	181	0.02%	0.002%
85	12.672	3598	3602	3610	rVV2	401	498	0.05%	0.007%
86	12.775	3630	3634	3639	rBV	206	214	0.02%	0.003%
87	12.878	3663	3666	3668	rBV	201	145	0.01%	0.002%
88	13.292	3790	3795	3801	rBV2	414	612	0.06%	0.008%
89	13.337	3807	3809	3813	rBV2	283	146	0.01%	0.002%
90	13.530	3865	3869	3871	rBV3	273	220	0.02%	0.003%
91	13.701	3919	3922	3925	rBV	196	118	0.01%	0.002%
92	13.775	3939	3945	3953	rBV3	309	520	0.05%	0.007%
93	13.981	4007	4009	4015	rVB	204	119	0.01%	0.002%
94	14.177	4065	4070	4075	rBV2	297	305	0.03%	0.004%
95	14.421	4144	4146	4149	rBV	176	128	0.01%	0.002%
96	14.633	4207	4212	4218	rBV3	313	483	0.05%	0.006%
97	15.656	4528	4530	4534	rBV	285	145	0.01%	0.002%
98	16.070	4657	4659	4661	rBV2	429	221	0.02%	0.003%
99	16.167	4686	4689	4692	rBV3	484	374	0.04%	0.005%
100	17.273	5030	5033	5037	rVB	14287	7818	0.77%	0.102%

Sum of corrected areas: 7639246

LSC Report - Integrated Chromatogram

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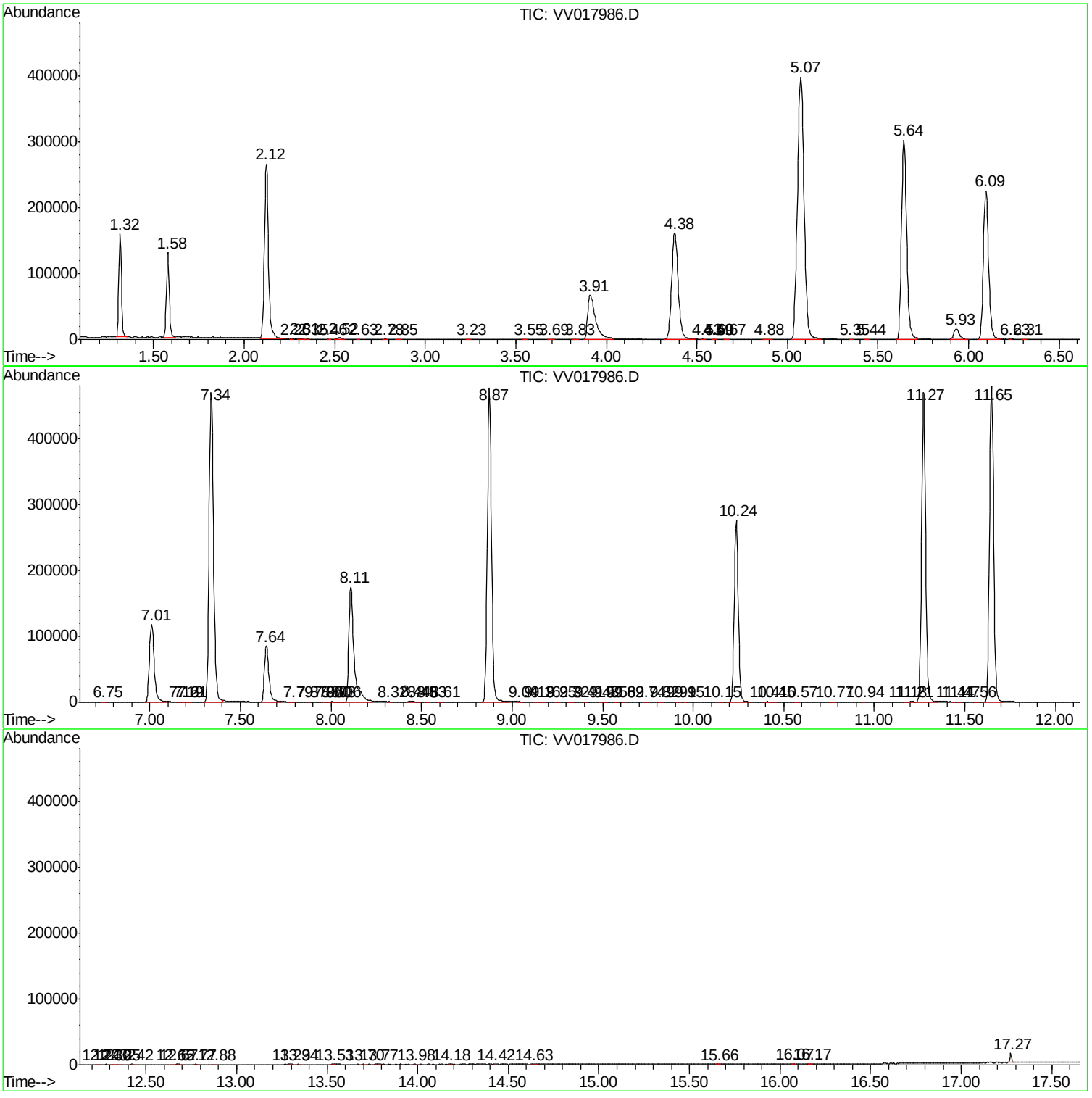
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK80

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.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\VV081420\
Data File : VV017986.D
Acq On : 14 Aug 2020 10:37
Operator : SY/MD
Sample : VV0814WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK80

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

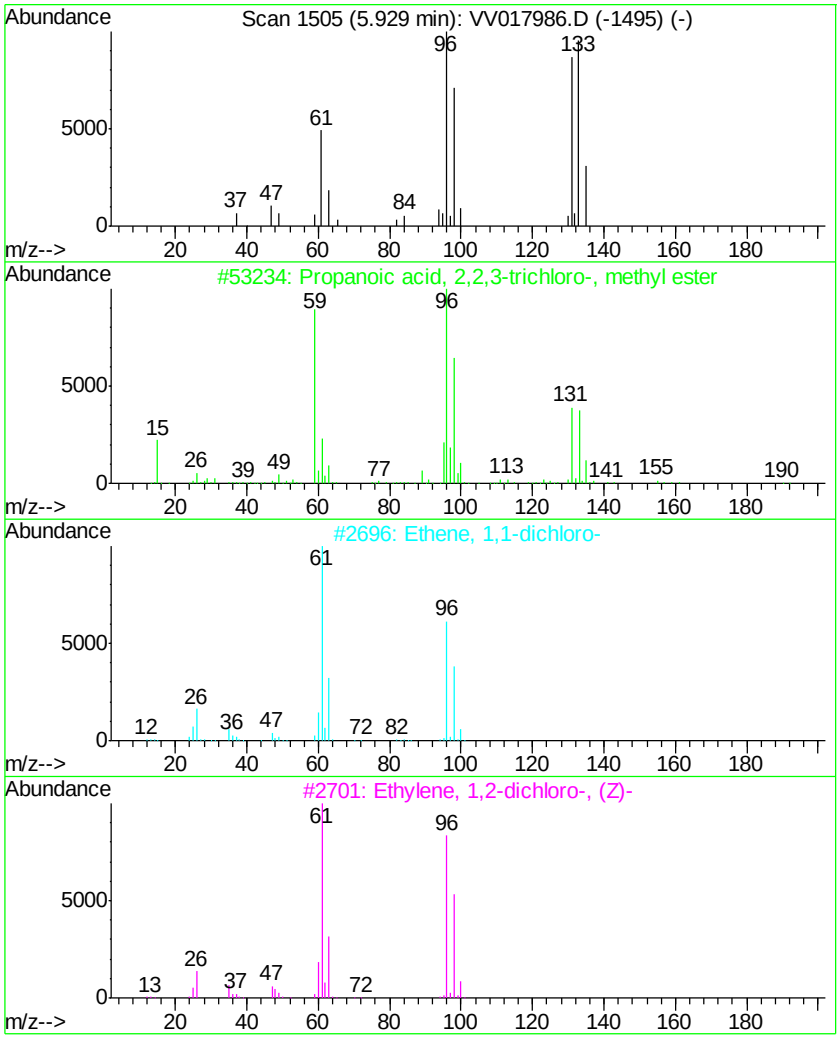
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

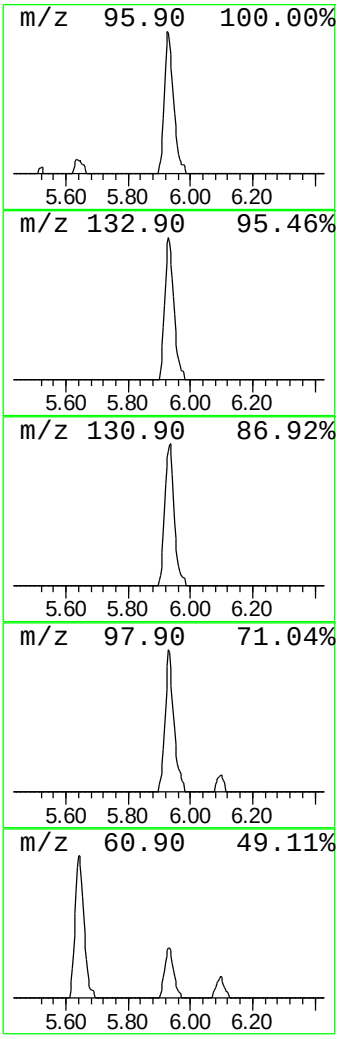
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.73 ug/L	33147	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	40
2	Ethene, 1,1-dichloro-	96	C2H2Cl2	000075-35-4	38
3	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
4	Ethylene, 1,2-dichloro-, (E)-	96	C2H2Cl2	000156-60-5	38
5	1,2-Dichloroethylene	96	C2H2Cl2	000540-59-0	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081420\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.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
unknown-01	5.93	2.7	ug/L	33147	1	5.64	606695	50.0