LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081720\
Data File : VV018025.D
Acq On : 17 Aug 2020 14:48
Operator : SY/MD
Sample : L3665-21 20X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4M10

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	84	rVB	152623	153583	15.42%	2.045%
2	1.579	144	152	161	rBV	122728	138936	13.95%	1.850%
3	2.122	310	321	353	rVB	256391	391506	39.30%	5.214%
4	2.380	398	401	403	rBV2	156	106	0.01%	0.001%
5	2.393	403	405	408	rVB	288	154	0.02%	0.002%
6	2.415	410	412	417	rVB2	178	144	0.01%	0.002%
7	2.463	422	427	429	rBV2	214	177	0.02%	0.002%
8	2.528	439	447	457	rVB5	1819	3073	0.31%	0.041%
9	2.624	474	477	478	rBV	343	169	0.02%	0.002%
10	2.695	496	499	502	rVB	187	123	0.01%	0.002%
11	2.720	502	507	511	rBV2	134	145	0.01%	0.002%
12	2.753	514	517	522	rVV2	206	196	0.02%	0.003%
13	2.785	522	527	534	rVB2	425	547	0.05%	0.007%
14	3.151	635	641	647	rBV2	142	192	0.02%	0.003%
15	3.396	709	717	723	rBV2	214	357	0.04%	0.005%
16	3.553	763	766	771	rVB2	135	110	0.01%	0.001%
17	3.708	810	814	819	rBV	158	173	0.02%	0.002%
18	3.769	826	833	837	rBV2	120	141	0.01%	0.002%
19	3.907	864	876	918	rBV3	73651	231887	23.28%	3.088%
20	4.187	961	963	966	rBV	159	110	0.01%	0.001%
21	4.251	978	983	985	rBV2	241	167	0.02%	0.002%
22	4.267	985	988	992	rVB3	203	113	0.01%	0.002%
23	4.376	1001	1022	1050	rBV	159086	393307	39.48%	5.238%
24	4.627	1094	1100	1102	rBV2	137	129	0.01%	0.002%
25	4.643	1103	1105	1110	rVB3	219	167	0.02%	0.002%
26	4.679	1111	1116	1119	rBV	127	117	0.01%	0.002%
27	4.778	1141	1147	1149	rBV2	126	143	0.01%	0.002%
28	4.833	1156	1164	1166	rBV2	98	115	0.01%	0.002%
29	4.888	1175	1181	1183	rBV2	105	112	0.01%	0.001%
30	4.965	1201	1205	1209	rVB	175	157	0.02%	0.002%
31	4.990	1209	1213	1216	rBV2	126	127	0.01%	0.002%
32	5.071	1221	1238	1265	rBV2	388681	996154	100.00%	13.267%
33	5.318	1314	1315	1319	rVB	198	103	0.01%	0.001%
34	5.354	1323	1326	1328	rBV2	300	175	0.02%	0.002%

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Instrument : MSVOA_V
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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

35	5.376	1328	1333	1337	rBV3	204	255	0.03%	0.003%
36	5.640	1403	1415	1442	rBV	302171	600041	60.24%	7.991%
37	5.807	1465	1467	1473	rVB3	281	197	0.02%	0.003%
38	5.929	1494	1505	1524	rVB	17117	34132	3.43%	0.455%
39	6.007	1524	1529	1535	rVB2	131	178	0.02%	0.002%
40	6.093	1543	1556	1584	rBV	224162	450429	45.22%	5.999%
41	6.241	1598	1602	1605	rVV4	546	479	0.05%	0.006%
42	6.370	1638	1642	1646	rBV2	110	102	0.01%	0.001%
43	6.444	1660	1665	1668	rBV	116	102	0.01%	0.001%
44	6.466	1668	1672	1676	rVB2	204	165	0.02%	0.002%
45	6.662	1730	1733	1737	rBV2	219	183	0.02%	0.002%
46	6.746	1756	1759	1764	rBV2	123	135	0.01%	0.002%
47	6.826	1779	1784	1787	rBV2	145	124	0.01%	0.002%
48	6.881	1794	1801	1804	rBV2	136	163	0.02%	0.002%
49	7.006	1830	1840	1865	rBV	115831	208554	20.94%	2.777%
50	7.164	1887	1889	1894	rVB	322	216	0.02%	0.003%
51	7.190	1894	1897	1898	rBV	177	107	0.01%	0.001%
52	7.338	1930	1943	1966	rBV	457210	779358	78.24%	10.379%
53	7.643	2028	2038	2065	rVV	83129	143768	14.43%	1.915%
54	7.794	2083	2085	2089	rVB2	308	138	0.01%	0.002%
55	8.016	2150	2154	2159	rVB2	137	119	0.01%	0.002%
56	8.106	2173	2182	2219	rBV2	175338	342938	34.43%	4.567%
57	8.334	2249	2253	2260	rVB4	335	460	0.05%	0.006%
58	8.367	2260	2263	2264	rBV2	170	109	0.01%	0.001%
59	8.441	2277	2286	2295	rVV5	1237	2249	0.23%	0.030%
60	8.633	2342	2346	2348	rBV	135	106	0.01%	0.001%
61	8.701	2363	2367	2371	rVB2	152	150	0.02%	0.002%
62	8.810	2397	2401	2406	rBV2	166	190	0.02%	0.003%
63	8.871	2409	2420	2440	rBV	466978	748490	75.14%	9.968%
64	9.042	2471	2473	2475	rBV3	296	162	0.02%	0.002%
65	9.164	2504	2511	2524	rVB2	2071	3319	0.33%	0.044%
66	9.238	2531	2534	2542	rVB2	203	189	0.02%	0.003%
67	9.273	2542	2545	2549	rBV2	138	125	0.01%	0.002%
68	9.418	2584	2590	2592	rBV2	101	109	0.01%	0.001%
69	9.537	2625	2627	2632	rVV	155	133	0.01%	0.002%
70	9.572	2632	2638	2644	rVB3	482	674	0.07%	0.009%
71	9.720	2680	2684	2687	rVB	211	147	0.01%	0.002%

LSC Area Percent Report

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ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4M10

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	9.746	2688	2692	2697	rVB2	134	139	0.01%	0.002%
73	9.781	2697	2703	2706	rBV2	178	163	0.02%	0.002%
74	9.830	2715	2718	2721	rBV2	153	109	0.01%	0.001%
75	10.238	2833	2845	2868	rVV	269154	419033	42.07%	5.581%
76	10.376	2886	2888	2890	rVV	190	116	0.01%	0.002%
77	10.399	2892	2895	2908	rVV2	649	882	0.09%	0.012%
78	10.447	2908	2910	2916	rVB2	313	198	0.02%	0.003%
79	10.495	2922	2925	2930	rVB	179	148	0.01%	0.002%
80	10.717	2991	2994	2998	rVB2	185	134	0.01%	0.002%
81	10.772	3008	3011	3017	rBV2	118	148	0.01%	0.002%
82	11.022	3086	3089	3094	rBV2	113	134	0.01%	0.002%
83	11.222	3147	3151	3154	rBV	145	128	0.01%	0.002%
84	11.270	3154	3166	3189	rBV	474564	716249	71.90%	9.539%
85	11.646	3270	3283	3304	rBV	474412	736766	73.96%	9.812%
86	11.762	3316	3319	3321	rBV	281	168	0.02%	0.002%
87	11.878	3350	3355	3358	rBV2	191	186	0.02%	0.002%
88	11.984	3385	3388	3392	rVB	196	132	0.01%	0.002%
89	12.247	3466	3470	3472	rBV2	123	106	0.01%	0.001%
90	12.264	3472	3475	3477	rBV	250	201	0.02%	0.003%
91	12.473	3537	3540	3545	rBV2	146	162	0.02%	0.002%
92	12.582	3573	3574	3580	rVB	218	118	0.01%	0.002%
93	12.698	3607	3610	3620	rBV2	148	242	0.02%	0.003%
94	13.019	3708	3710	3715	rBV2	127	128	0.01%	0.002%
95	13.119	3738	3741	3745	rBV2	156	138	0.01%	0.002%
96	13.521	3860	3866	3871	rBV2	264	438	0.04%	0.006%
97	14.058	4031	4033	4038	rVV2	295	199	0.02%	0.003%
98	14.183	4067	4072	4075	rBV3	189	220	0.02%	0.003%
99	14.289	4102	4105	4111	rBV	281	294	0.03%	0.004%
100	14.415	4141	4144	4148	rBV	334	280	0.03%	0.004%

Sum of corrected areas: 7508769

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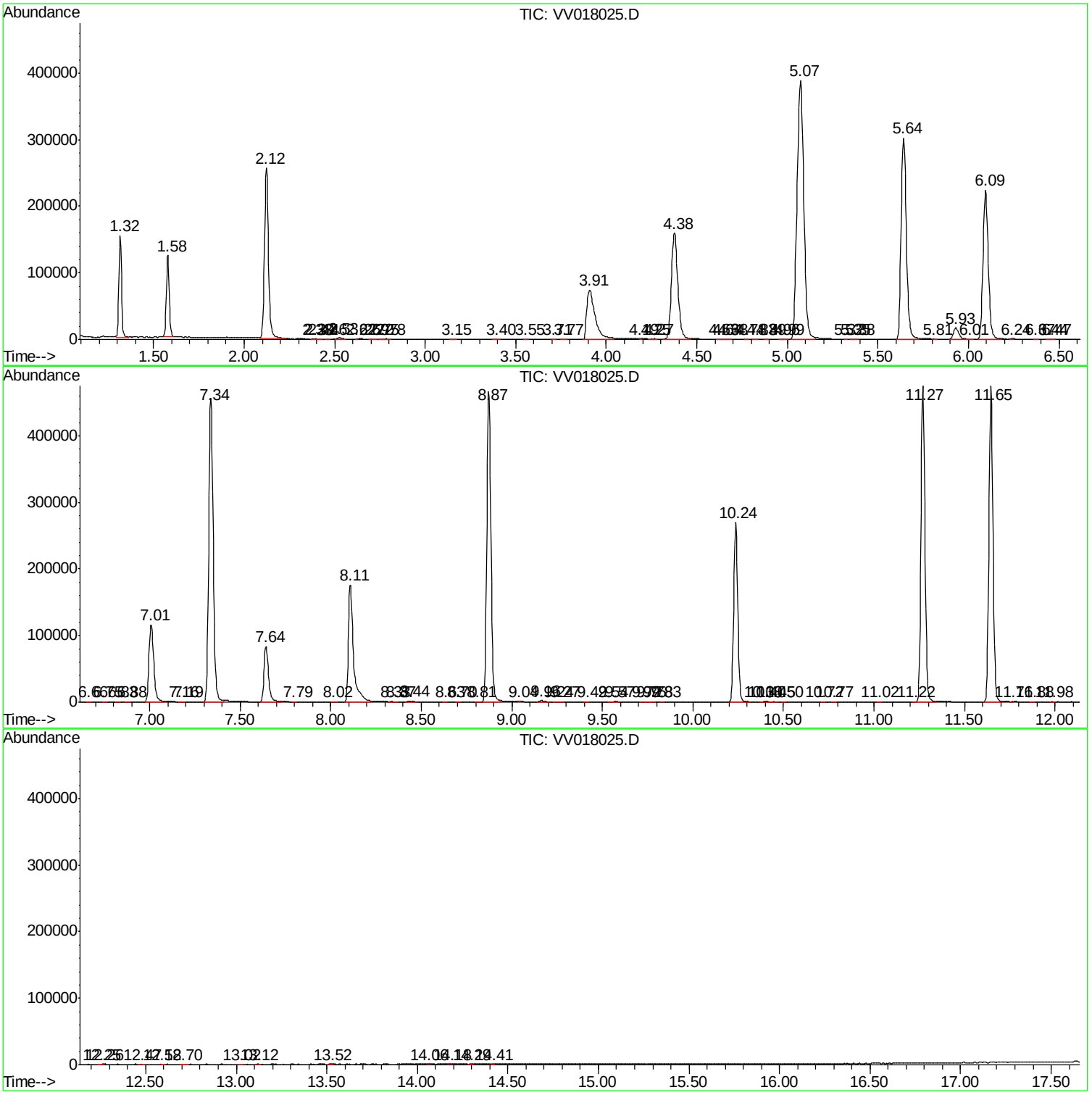
Instrument : MSVOA_V
ClientSampleId : F4M10

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\VV081720\
Data File : VV018025.D
Acq On : 17 Aug 2020 14:48
Operator : SY/MD
Sample : L3665-21 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4M10

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

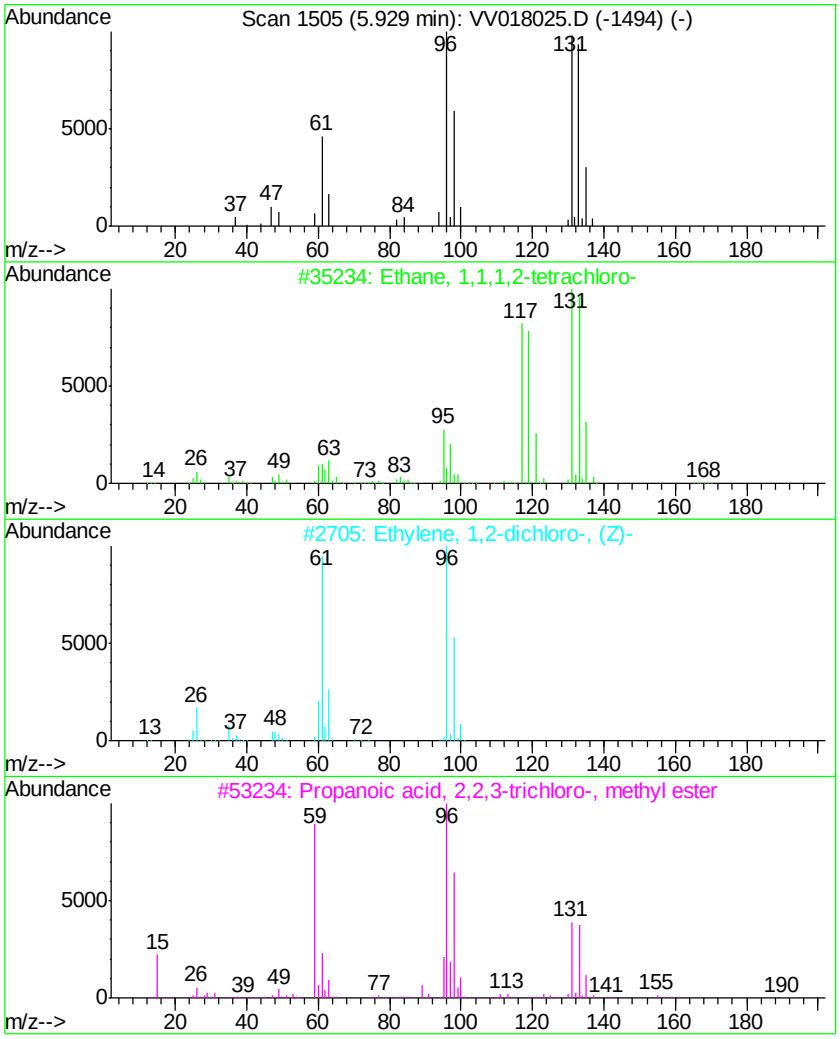
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

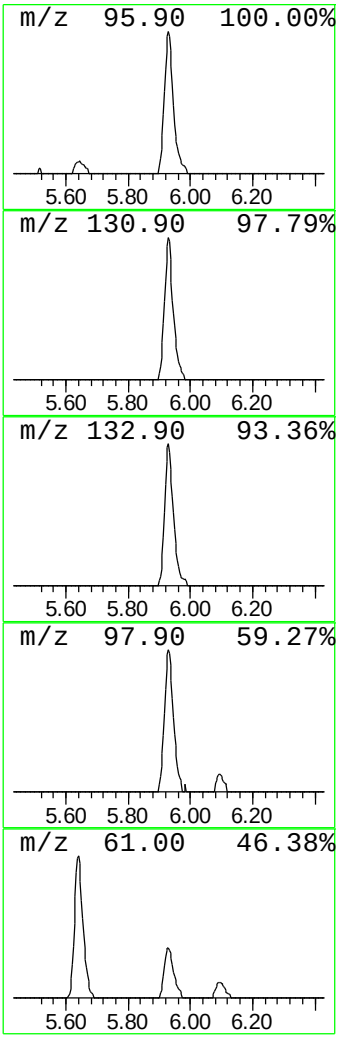
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.84 ug/L	34132	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	43
2	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
3	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	37
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\VV081720\
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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	2.8	ug/L	34132	1	5.64	600041	50.0