LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081220\
Data File : VV017919.D
Acq On : 12 Aug 2020 11:37
Operator : SY/MD
Sample : VV0812WBL01
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK75

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	1.312	62	69	86	rVB	164402	162955	15.00%	2.044%
2	1.576	143	151	163	rBV	128856	148176	13.64%	1.859%
3	2.116	309	319	343	rVB	270740	407208	37.49%	5.108%
4	2.251	359	361	365	rBV	269	169	0.02%	0.002%
5	2.306	370	378	385	rVB2	1148	1691	0.16%	0.021%
6	2.492	433	436	438	rBV	190	105	0.01%	0.001%
7	2.521	438	445	454	rVB2	1923	2903	0.27%	0.036%
8	2.630	470	479	490	rBV3	1860	3841	0.35%	0.048%
9	2.714	502	505	509	rBV	165	132	0.01%	0.002%
10	2.778	522	525	531	rVB2	313	300	0.03%	0.004%
11	3.203	652	657	661	rVB2	146	137	0.01%	0.002%
12	3.302	684	688	692	rBV	184	160	0.01%	0.002%
13	3.409	718	721	724	rBV	159	123	0.01%	0.002%
14	3.479	739	743	746	rBV2	134	115	0.01%	0.001%
15	3.521	751	756	762	rVB2	107	135	0.01%	0.002%
16	3.804	839	844	849	rVV2	150	141	0.01%	0.002%
17	3.849	855	858	866	rVB2	118	122	0.01%	0.002%
18	3.910	866	877	916	rBV	70860	222900	20.52%	2.796%
19	4.135	945	947	952	rVB3	423	276	0.03%	0.003%
20	4.373	1003	1021	1047	rBV	171930	422681	38.92%	5.302%
21	4.579	1080	1085	1088	rBV	148	119	0.01%	0.001%
22	4.624	1096	1099	1103	rVB	189	133	0.01%	0.002%
23	4.817	1157	1159	1165	rVB2	144	105	0.01%	0.001%
24	4.900	1182	1185	1194	rVB	134	161	0.01%	0.002%
25	4.997	1211	1215	1219	rBV2	115	131	0.01%	0.002%
26	5.068	1219	1237	1267	rBV2	430022	1086117	100.00%	13.625%
27	5.248	1291	1293	1296	rVB2	208	128	0.01%	0.002%
28	5.293	1305	1307	1311	rVB3	291	155	0.01%	0.002%
29	5.505	1367	1373	1382	rBV	325	306	0.03%	0.004%
30	5.569	1387	1393	1401	rBV2	181	282	0.03%	0.004%
31	5.640	1402	1415	1446	rBV	325061	643874	59.28%	8.077%
32	5.769	1452	1455	1458	rVB3	472	308	0.03%	0.004%
33	5.926	1493	1504	1524	rVB2	16606	34560	3.18%	0.434%
34	6.093	1542	1556	1585	rBV	244188	490962	45.20%	6.159%

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Sample : VV0812WBL01
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK75

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	6.228	1595	1598	1599	rBV	405	184	0.02%	0.002%
36	6.344	1629	1634	1637	rBV	107	112	0.01%	0.001%
37	6.830	1782	1785	1789	rVB2	153	107	0.01%	0.001%
38	6.897	1803	1806	1811	rVB2	112	114	0.01%	0.001%
39	6.926	1811	1815	1818	rBB2	166	125	0.01%	0.002%
40	6.945	1818	1821	1825	rBV2	121	109	0.01%	0.001%
41	7.006	1829	1840	1877	rBV	126346	228967	21.08%	2.872%
42	7.158	1885	1887	1894	rVB	300	278	0.03%	0.003%
43	7.222	1905	1907	1914	rVB	139	149	0.01%	0.002%
44	7.254	1914	1917	1921	rBV	161	117	0.01%	0.001%
45	7.338	1929	1943	1967	rBV	496234	843896	77.70%	10.586%
46	7.537	2002	2005	2010	rBV2	310	251	0.02%	0.003%
47	7.640	2026	2037	2057	rBV	87713	151461	13.95%	1.900%
48	7.781	2077	2081	2082	rBV	275	142	0.01%	0.002%
49	7.813	2088	2091	2095	rBV2	184	143	0.01%	0.002%
50	7.897	2110	2117	2120	rVB2	87	104	0.01%	0.001%
51	7.920	2120	2124	2128	rBV2	124	113	0.01%	0.001%
52	8.032	2155	2159	2163	rVB2	257	243	0.02%	0.003%
53	8.061	2163	2168	2171	rBV	137	145	0.01%	0.002%
54	8.109	2172	2183	2227	rBV2	194872	393322	36.21%	4.934%
55	8.315	2245	2247	2250	rBV3	264	134	0.01%	0.002%
56	8.395	2271	2272	2274	rVV2	287	122	0.01%	0.002%
57	8.408	2274	2276	2279	rVV2	231	151	0.01%	0.002%
58	8.440	2279	2286	2296	rVV5	951	1714	0.16%	0.022%
59	8.505	2303	2306	2309	rVV	255	150	0.01%	0.002%
60	8.521	2309	2311	2316	rVB2	256	167	0.02%	0.002%
61	8.582	2327	2330	2334	rBV	122	105	0.01%	0.001%
62	8.736	2374	2378	2382	rBV2	140	138	0.01%	0.002%
63	8.871	2408	2420	2439	rBV	491074	783225	72.11%	9.825%
64	9.048	2472	2475	2478	rVB2	213	140	0.01%	0.002%
65	9.090	2484	2488	2494	rBV3	291	301	0.03%	0.004%
66	9.312	2554	2557	2564	rBV2	128	130	0.01%	0.002%
67	9.460	2600	2603	2606	rBV	186	109	0.01%	0.001%
68	9.569	2635	2637	2641	rBV	198	163	0.02%	0.002%
69	9.662	2661	2666	2670	rBV2	168	166	0.02%	0.002%
70	9.736	2685	2689	2694	rBV	157	137	0.01%	0.002%
71	9.939	2749	2752	2757	rVB	175	122	0.01%	0.002%

LSC Area Percent Report

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

Instrument : MSVOA_V
ClientSampleId : VBLK75

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	9.965	2757	2760	2761	rBV	186	103	0.01%	0.001%
73	10.112	2804	2806	2811	rVB2	291	195	0.02%	0.002%
74	10.141	2811	2815	2819	rBV2	118	113	0.01%	0.001%
75	10.238	2833	2845	2865	rBV	292071	458911	42.25%	5.757%
76	10.466	2914	2916	2921	rVB2	177	129	0.01%	0.002%
77	10.540	2935	2939	2945	rBV	241	209	0.02%	0.003%
78	10.582	2948	2952	2955	rBV2	197	184	0.02%	0.002%
79	10.646	2968	2972	2974	rBV	152	122	0.01%	0.002%
80	10.749	3001	3004	3009	rVB2	127	105	0.01%	0.001%
81	11.212	3145	3148	3154	rVB3	457	367	0.03%	0.005%
82	11.270	3154	3166	3189	rBV	458439	706384	65.04%	8.861%
83	11.514	3240	3242	3249	rVB2	277	196	0.02%	0.002%
84	11.566	3254	3258	3261	rBV	235	201	0.02%	0.003%
85	11.646	3271	3283	3311	rBV	489379	761859	70.15%	9.557%
86	11.807	3330	3333	3336	rBV	246	115	0.01%	0.001%
87	11.945	3373	3376	3378	rBV	162	112	0.01%	0.001%
88	12.125	3428	3432	3438	rBV2	201	253	0.02%	0.003%
89	12.270	3474	3477	3483	rVB3	239	236	0.02%	0.003%
90	12.418	3520	3523	3529	rBV	128	134	0.01%	0.002%
91	12.669	3598	3601	3605	rBV3	282	271	0.02%	0.003%
92	13.292	3790	3795	3801	rVB3	547	630	0.06%	0.008%
93	13.768	3940	3943	3947	rBV2	395	448	0.04%	0.006%
94	14.022	4019	4022	4027	rVB	287	240	0.02%	0.003%
95	14.058	4029	4033	4036	rBV3	261	244	0.02%	0.003%
96	14.373	4128	4131	4132	rBV2	231	142	0.01%	0.002%
97	14.469	4158	4161	4165	rBV3	206	174	0.02%	0.002%
98	14.492	4166	4168	4170	rBV	213	143	0.01%	0.002%
99	14.578	4192	4195	4198	rBV	330	303	0.03%	0.004%
100	16.096	4665	4667	4669	rBV	477	188	0.02%	0.002%

Sum of corrected areas: 7971578

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
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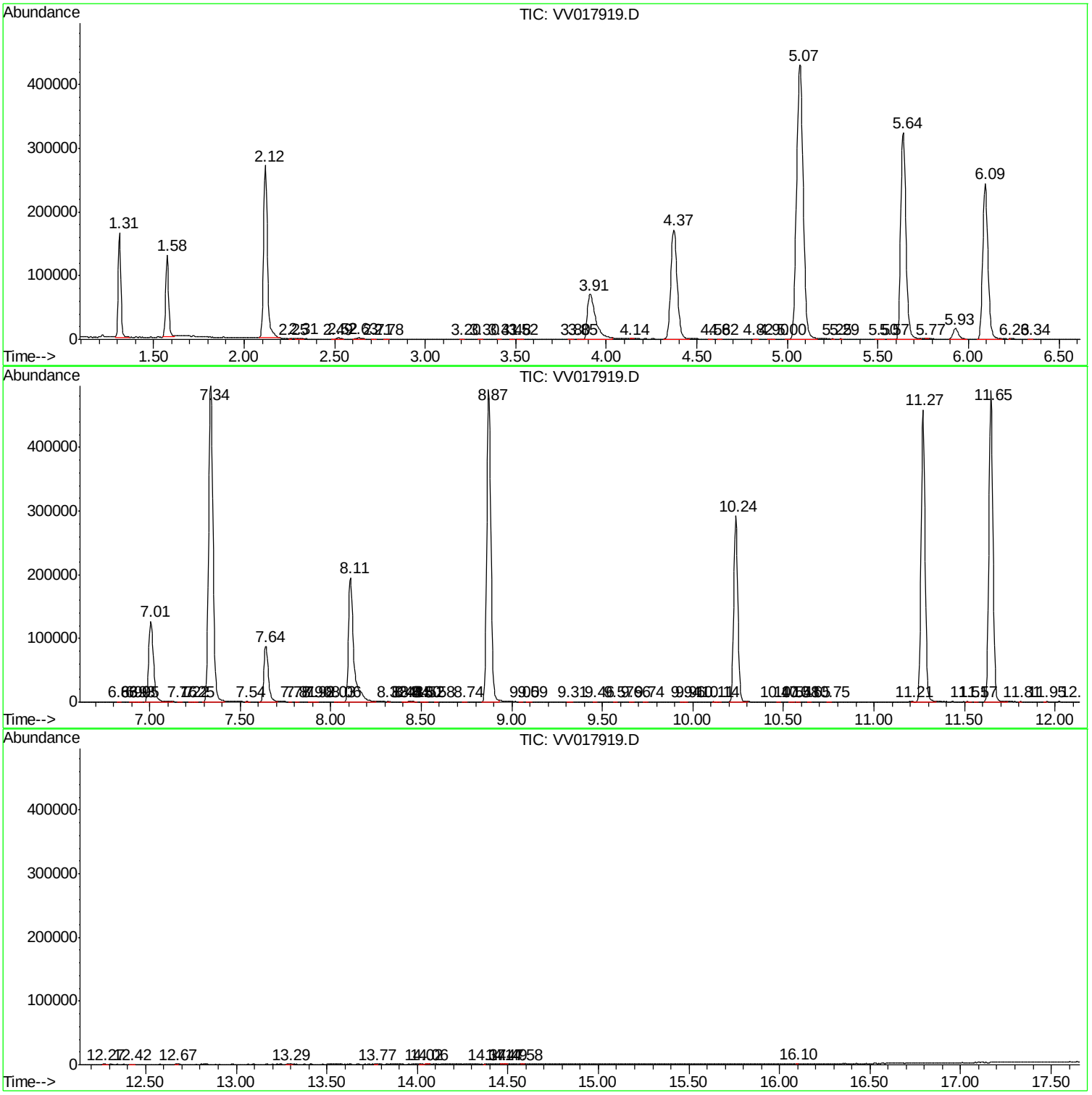
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK75

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\VV081220\
Data File : VV017919.D
Acq On : 12 Aug 2020 11:37
Operator : SY/MD
Sample : VV0812WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK75

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

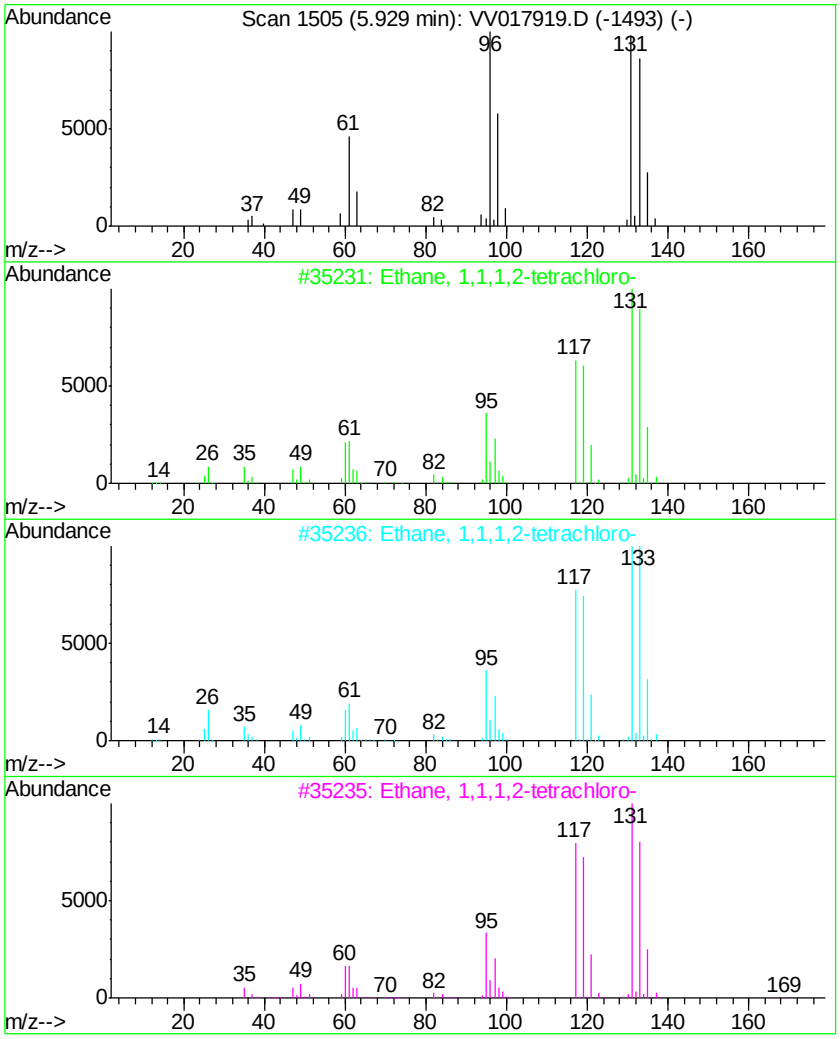
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

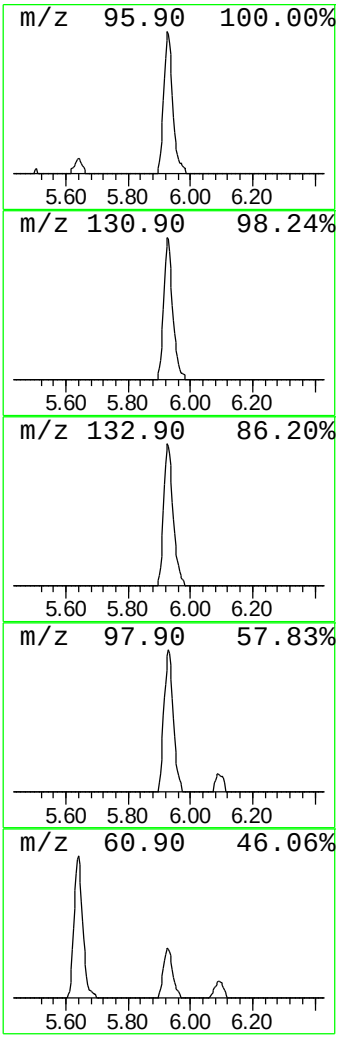
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.68 ug/L	34560	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	47
2	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	43
3	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	37
4	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	35
5	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081220\
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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	34560	1	5.64	643874	50.0