LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081420\
Data File : VV017990.D
Acq On : 14 Aug 2020 12:19
Operator : SY/MD
Sample : L3644-06
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

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	164753	166806	15.66%	2.122%
2	1.579	144	152	163	rBV	133045	150507	14.13%	1.915%
3	2.123	311	321	348	rVB	278287	421298	39.56%	5.360%
4	2.344	387	390	398	rBV2	270	215	0.02%	0.003%
5	2.531	439	448	461	rVB5	1751	3061	0.29%	0.039%
6	2.704	501	502	506	rVB	192	83	0.01%	0.001%
7	2.843	535	545	546	rBV2	112	174	0.02%	0.002%
8	2.885	555	558	562	rBV	162	125	0.01%	0.002%
9	3.171	644	647	651	rBV2	105	85	0.01%	0.001%
10	3.241	666	669	673	rBV2	65	71	0.01%	0.001%
11	3.283	678	682	685	rBV	139	109	0.01%	0.001%
12	3.341	698	700	702	rBV	63	33	0.00%	0.000%
13	3.380	710	712	719	rVB	193	144	0.01%	0.002%
14	3.412	719	722	725	rBV	110	72	0.01%	0.001%
15	3.434	726	729	733	rVB2	93	57	0.01%	0.001%
16	3.460	733	737	739	rBV	104	59	0.01%	0.001%
17	3.473	739	741	744	rVB	133	62	0.01%	0.001%
18	3.495	744	748	750	rBV2	83	66	0.01%	0.001%
19	3.524	754	757	761	rBV2	84	68	0.01%	0.001%
20	3.582	771	775	778	rVB2	98	68	0.01%	0.001%
21	3.611	778	784	786	rBV2	110	122	0.01%	0.002%
22	3.650	794	796	798	rVB2	90	40	0.00%	0.001%
23	3.666	798	801	802	rBV	59	30	0.00%	0.000%
24	3.717	815	817	819	rBV	57	27	0.00%	0.000%
25	3.917	868	879	930	rBV	65297	213615	20.06%	2.718%
26	4.376	1006	1022	1048	rBV	167542	412282	38.71%	5.245%
27	4.515	1062	1065	1069	rBV3	337	247	0.02%	0.003%
28	4.553	1075	1077	1078	rBV	149	47	0.00%	0.001%
29	4.608	1091	1094	1095	rBV2	201	85	0.01%	0.001%
30	4.721	1120	1129	1135	rBV2	200	343	0.03%	0.004%
31	4.762	1139	1142	1145	rBV2	78	55	0.01%	0.001%
32	4.836	1162	1165	1169	rBV	66	66	0.01%	0.001%
33	4.888	1175	1181	1184	rBV2	117	105	0.01%	0.001%
34	4.913	1184	1189	1192	rBV2	90	98	0.01%	0.001%

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ALS Vial : 8 Sample Multiplier: 1

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
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\SOMVLM081120WMA.M
Title : VOC Analysis

35	5.074	1221	1239	1284	rBV2	415621	1065091	100.00%	13.551%
36	5.261	1295	1297	1300	rVB3	261	144	0.01%	0.002%
37	5.460	1356	1359	1362	rVB	91	48	0.00%	0.001%
38	5.502	1370	1372	1375	rBV	141	71	0.01%	0.001%
39	5.528	1375	1380	1382	rBV3	185	156	0.01%	0.002%
40	5.643	1402	1416	1454	rBV	312971	617069	57.94%	7.851%
41	5.929	1494	1505	1524	rVB2	16903	34944	3.28%	0.445%
42	6.093	1543	1556	1582	rBV	234353	474279	44.53%	6.034%
43	6.306	1619	1622	1624	rBV	53	29	0.00%	0.000%
44	6.322	1624	1627	1631	rVV	121	79	0.01%	0.001%
45	6.341	1631	1633	1636	rVB	71	38	0.00%	0.000%
46	6.364	1636	1640	1645	rBV2	186	163	0.02%	0.002%
47	6.396	1645	1650	1654	rVB	125	117	0.01%	0.001%
48	6.428	1656	1660	1665	rBV2	81	104	0.01%	0.001%
49	6.447	1665	1666	1667	rBV2	109	29	0.00%	0.000%
50	6.537	1688	1694	1695	rBV	81	71	0.01%	0.001%
51	6.563	1700	1702	1704	rBV	58	36	0.00%	0.000%
52	6.618	1716	1719	1721	rBV	64	43	0.00%	0.001%
53	6.634	1721	1724	1726	rBV	110	80	0.01%	0.001%
54	6.682	1738	1739	1740	rBV	92	19	0.00%	0.000%
55	6.698	1740	1744	1749	rVB2	87	90	0.01%	0.001%
56	6.762	1759	1764	1765	rBV	104	89	0.01%	0.001%
57	6.798	1772	1775	1776	rBV	79	48	0.00%	0.001%
58	6.852	1790	1792	1797	rBV	200	167	0.02%	0.002%
59	6.897	1803	1806	1807	rBV2	34	21	0.00%	0.000%
60	7.010	1830	1841	1860	rBV	123023	219198	20.58%	2.789%
61	7.199	1896	1900	1901	rBV2	101	60	0.01%	0.001%
62	7.222	1905	1907	1911	rBV2	83	55	0.01%	0.001%
63	7.241	1911	1913	1914	rVB	102	22	0.00%	0.000%
64	7.251	1914	1916	1918	rBV2	160	74	0.01%	0.001%
65	7.338	1930	1943	1969	rBV	490113	835291	78.42%	10.627%
66	7.643	2028	2038	2059	rBV	88292	149964	14.08%	1.908%
67	7.820	2091	2093	2095	rVB	166	54	0.01%	0.001%
68	7.875	2102	2110	2115	rBV2	145	210	0.02%	0.003%
69	7.900	2115	2118	2123	rVV2	174	136	0.01%	0.002%
70	7.958	2134	2136	2139	rBV	209	125	0.01%	0.002%
71	8.109	2173	2183	2217	rBV2	181961	363262	34.11%	4.622%

LSC Area Percent Report

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Sample : L3644-06
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ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

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	8.441	2279	2286	2293	rBV3	793	1372	0.13%	0.017%
73	8.489	2298	2301	2308	rVB2	252	284	0.03%	0.004%
74	8.518	2308	2310	2313	rVB2	81	40	0.00%	0.001%
75	8.540	2313	2317	2320	rBV	95	86	0.01%	0.001%
76	8.605	2334	2337	2339	rVB2	198	89	0.01%	0.001%
77	8.711	2365	2370	2374	rVB	155	150	0.01%	0.002%
78	8.733	2374	2377	2380	rBV2	97	70	0.01%	0.001%
79	8.752	2380	2383	2388	rBV	150	134	0.01%	0.002%
80	8.810	2397	2401	2403	rBV	156	132	0.01%	0.002%
81	8.875	2409	2421	2452	rBV	476484	773272	72.60%	9.838%
82	9.048	2472	2475	2480	rBV2	373	296	0.03%	0.004%
83	9.080	2483	2485	2489	rVB2	197	95	0.01%	0.001%
84	9.161	2506	2510	2513	rBV2	80	66	0.01%	0.001%
85	9.228	2528	2531	2533	rBV	126	68	0.01%	0.001%
86	9.309	2552	2556	2558	rBV	106	85	0.01%	0.001%
87	9.820	2712	2715	2717	rBV	132	97	0.01%	0.001%
88	9.916	2742	2745	2748	rBV	136	91	0.01%	0.001%
89	9.961	2756	2759	2762	rBV2	171	86	0.01%	0.001%
90	9.981	2763	2765	2771	rVV2	129	88	0.01%	0.001%
91	10.183	2825	2828	2832	rBV	127	93	0.01%	0.001%
92	10.238	2832	2845	2864	rBV	280219	439964	41.31%	5.597%
93	10.479	2916	2920	2924	rBV	216	207	0.02%	0.003%
94	10.514	2928	2931	2933	rBV	166	104	0.01%	0.001%
95	11.190	3137	3141	3144	rBV2	193	188	0.02%	0.002%
96	11.270	3155	3166	3191	rBV	472916	730044	68.54%	9.288%
97	11.450	3217	3222	3225	rBV2	351	264	0.02%	0.003%
98	11.646	3271	3283	3306	rBV	501951	780407	73.27%	9.929%
99	12.203	3453	3456	3457	rBV	218	104	0.01%	0.001%
100	12.913	3673	3677	3682	rBV2	176	233	0.02%	0.003%

Sum of corrected areas: 7860010

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081420\
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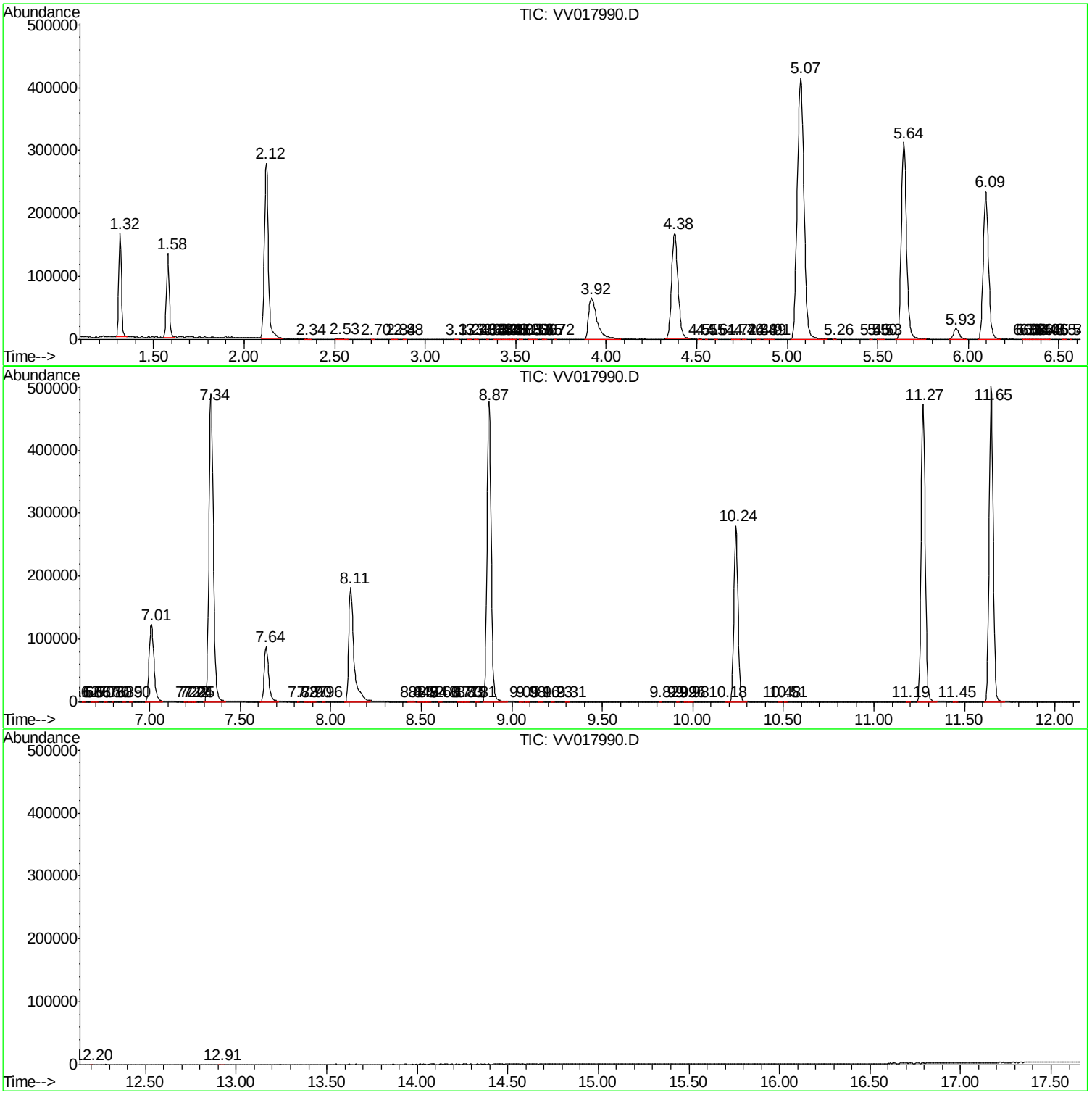
Sample : L3644-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

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 : VV017990.D
Acq On : 14 Aug 2020 12:19
Operator : SY/MD
Sample : L3644-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

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

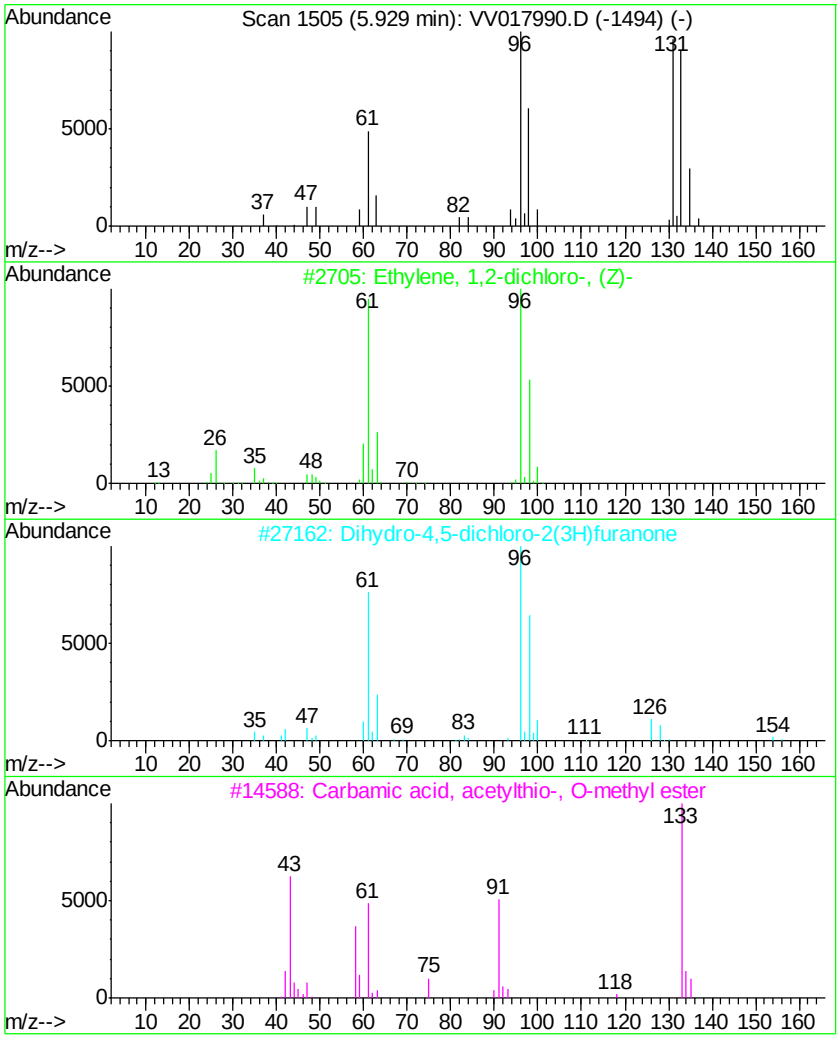
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

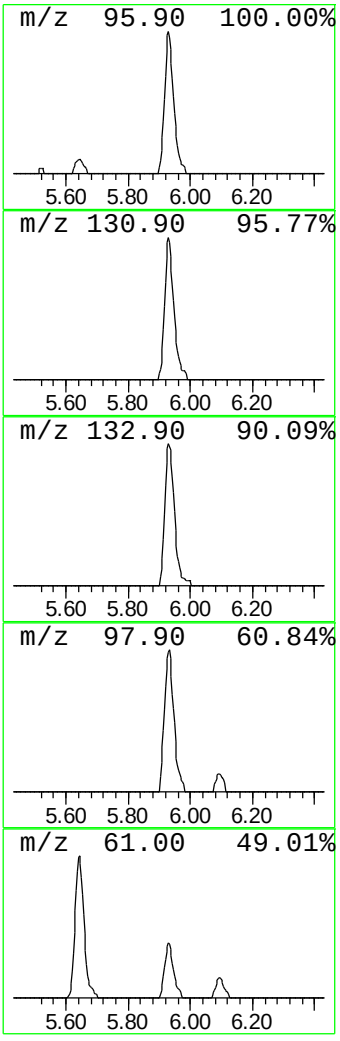
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.83 ug/L	34944	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	27
2	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	16
3	Carbamic acid, acetylthio-, O-me...	133	C4H7NO2S	016696-87-0	12
4	1H-Imidazole, 1-ethyl-	96	C5H8N2	007098-07-9	9
5	1H-Imidazole, 1-ethyl-	96	C5H8N2	007098-07-9	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081420\
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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	34944	1	5.64	617069	50.0