LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082020\
Data File : VV018068.D
Acq On : 20 Aug 2020 13:43
Operator : SY/MD
Sample : VV0820WBL01
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK88

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	1.316	63	70	87	rVB	165521	166604	15.32%	2.047%
2	1.579	144	152	163	rBV	137810	154282	14.19%	1.895%
3	2.123	310	321	354	rVB	280890	427151	39.28%	5.247%
4	2.315	372	381	388	rVB2	1108	1774	0.16%	0.022%
5	2.373	394	399	402	rBV2	258	297	0.03%	0.004%
6	2.402	406	408	414	rVB2	336	245	0.02%	0.003%
7	2.434	414	418	421	rBV	115	101	0.01%	0.001%
8	2.528	437	447	459	rVV	8872	14298	1.31%	0.176%
9	2.643	476	483	487	rVV3	334	455	0.04%	0.006%
10	2.708	501	503	507	rBV	175	110	0.01%	0.001%
11	2.785	523	527	529	rBV2	502	380	0.03%	0.005%
12	2.804	532	533	538	rVB	248	117	0.01%	0.001%
13	2.987	586	590	596	rBV2	118	113	0.01%	0.001%
14	3.052	608	610	615	rVB2	177	136	0.01%	0.002%
15	3.139	633	637	644	rVB	170	188	0.02%	0.002%
16	3.209	652	659	660	rBV2	136	116	0.01%	0.001%
17	3.225	660	664	667	rVV2	169	123	0.01%	0.002%
18	3.332	695	697	701	rVB2	164	111	0.01%	0.001%
19	3.412	716	722	725	rBV	140	114	0.01%	0.001%
20	3.910	865	877	913	rBV	70722	219821	20.21%	2.700%
21	4.190	962	964	966	rBV3	195	112	0.01%	0.001%
22	4.377	1005	1022	1048	rBV	170067	418914	38.52%	5.146%
23	4.544	1072	1074	1077	rVB2	317	162	0.01%	0.002%
24	4.589	1085	1088	1094	rVB3	176	164	0.02%	0.002%
25	4.891	1176	1182	1185	rVB2	129	130	0.01%	0.002%
26	4.955	1197	1202	1210	rBV2	107	141	0.01%	0.002%
27	5.074	1219	1239	1267	rBV2	426391	1087580	100.00%	13.361%
28	5.393	1334	1338	1345	rBV3	171	192	0.02%	0.002%
29	5.425	1345	1348	1350	rBV	172	101	0.01%	0.001%
30	5.463	1357	1360	1363	rBV2	202	154	0.01%	0.002%
31	5.505	1370	1373	1376	rVB2	196	115	0.01%	0.001%
32	5.640	1402	1415	1441	rBV	320442	635035	58.39%	7.801%
33	5.775	1455	1457	1465	rVB2	450	368	0.03%	0.005%
34	5.811	1465	1468	1474	rBB2	137	129	0.01%	0.002%

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ALS Vial : 6 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

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	5.894	1490	1494	1495	rBV2	147	105	0.01%	0.001%
36	5.930	1495	1505	1530	rVB3	20101	41995	3.86%	0.516%
37	6.093	1541	1556	1582	rBV	242414	486305	44.71%	5.974%
38	6.235	1596	1600	1602	rBV3	352	317	0.03%	0.004%
39	6.280	1611	1614	1620	rVB2	185	123	0.01%	0.002%
40	6.344	1629	1634	1639	rVB	141	124	0.01%	0.002%
41	6.393	1645	1649	1654	rBV2	129	130	0.01%	0.002%
42	6.573	1701	1705	1709	rVB2	104	107	0.01%	0.001%
43	6.605	1709	1715	1720	rBV2	125	110	0.01%	0.001%
44	6.663	1725	1733	1738	rBV2	343	590	0.05%	0.007%
45	7.007	1829	1840	1868	rBV	127811	234581	21.57%	2.882%
46	7.225	1905	1908	1916	rVB3	462	364	0.03%	0.004%
47	7.254	1916	1917	1919	rBV	250	112	0.01%	0.001%
48	7.270	1919	1922	1926	rVB2	184	136	0.01%	0.002%
49	7.338	1931	1943	1976	rBV	505781	865034	79.54%	10.627%
50	7.569	2013	2015	2022	rVB3	276	226	0.02%	0.003%
51	7.643	2027	2038	2064	rBV	92595	159575	14.67%	1.960%
52	7.778	2077	2080	2083	rVB2	204	109	0.01%	0.001%
53	7.804	2087	2088	2091	rVB	292	114	0.01%	0.001%
54	7.830	2091	2096	2099	rBV3	268	239	0.02%	0.003%
55	7.855	2102	2104	2113	rVB2	296	245	0.02%	0.003%
56	8.003	2144	2150	2154	rBV3	439	461	0.04%	0.006%
57	8.109	2172	2183	2222	rBV2	183174	368578	33.89%	4.528%
58	8.376	2263	2266	2272	rVB2	304	331	0.03%	0.004%
59	8.447	2278	2288	2298	rVB5	1302	2553	0.23%	0.031%
60	8.701	2364	2367	2371	rVB2	161	129	0.01%	0.002%
61	8.871	2408	2420	2453	rBV	492877	803727	73.90%	9.874%
62	9.045	2473	2474	2482	rVB4	349	269	0.02%	0.003%
63	9.174	2508	2514	2520	rVB3	418	606	0.06%	0.007%
64	9.244	2533	2536	2540	rVB2	129	106	0.01%	0.001%
65	9.470	2599	2606	2611	rBV2	136	192	0.02%	0.002%
66	9.598	2643	2646	2650	rVB	296	220	0.02%	0.003%
67	9.810	2705	2712	2717	rBV2	104	141	0.01%	0.002%
68	9.904	2738	2741	2747	rVB2	175	163	0.01%	0.002%
69	9.952	2752	2756	2764	rBV2	403	557	0.05%	0.007%
70	10.097	2797	2801	2804	rBV2	102	103	0.01%	0.001%
71	10.158	2816	2820	2824	rBV2	163	165	0.02%	0.002%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK88

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

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	10.238	2833	2845	2864	rBV	281958	442791	40.71%	5.440%
73	10.389	2886	2892	2896	rBV2	127	171	0.02%	0.002%
74	10.463	2910	2915	2918	rBV2	147	151	0.01%	0.002%
75	10.502	2924	2927	2935	rVB2	168	141	0.01%	0.002%
76	10.569	2942	2948	2951	rVB3	261	265	0.02%	0.003%
77	10.788	3012	3016	3018	rBV2	101	99	0.01%	0.001%
78	10.926	3053	3059	3060	rBV2	118	123	0.01%	0.002%
79	11.032	3088	3092	3094	rBV2	145	115	0.01%	0.001%
80	11.142	3123	3126	3128	rBV2	170	125	0.01%	0.002%
81	11.170	3132	3135	3138	rBV	144	105	0.01%	0.001%
82	11.212	3142	3148	3154	rVB3	772	1128	0.10%	0.014%
83	11.270	3154	3166	3195	rBV	515888	781607	71.87%	9.602%
84	11.646	3270	3283	3304	rBV	515695	810020	74.48%	9.951%
85	12.129	3430	3433	3436	rBV2	230	188	0.02%	0.002%
86	12.212	3454	3459	3462	rBV2	263	234	0.02%	0.003%
87	12.527	3554	3557	3560	rBV	119	122	0.01%	0.001%
88	12.598	3576	3579	3584	rBV2	136	126	0.01%	0.002%
89	12.662	3597	3599	3600	rBV	398	168	0.02%	0.002%
90	13.067	3723	3725	3729	rVB	195	108	0.01%	0.001%
91	13.293	3788	3795	3802	rBV2	704	1144	0.11%	0.014%
92	13.772	3935	3944	3950	rBV5	629	1034	0.10%	0.013%
93	13.855	3968	3970	3974	rVB2	293	199	0.02%	0.002%
94	14.196	4073	4076	4081	rBV2	269	237	0.02%	0.003%
95	14.228	4081	4086	4088	rBV2	290	273	0.03%	0.003%
96	14.318	4112	4114	4117	rBV2	203	120	0.01%	0.001%
97	14.386	4132	4135	4138	rBV2	213	196	0.02%	0.002%
98	14.437	4149	4151	4152	rBV2	276	101	0.01%	0.001%
99	14.524	4176	4178	4181	rBV2	287	196	0.02%	0.002%
100	14.936	4304	4306	4309	rBV	226	156	0.01%	0.002%

Sum of corrected areas: 8140218

LSC Report - Integrated Chromatogram

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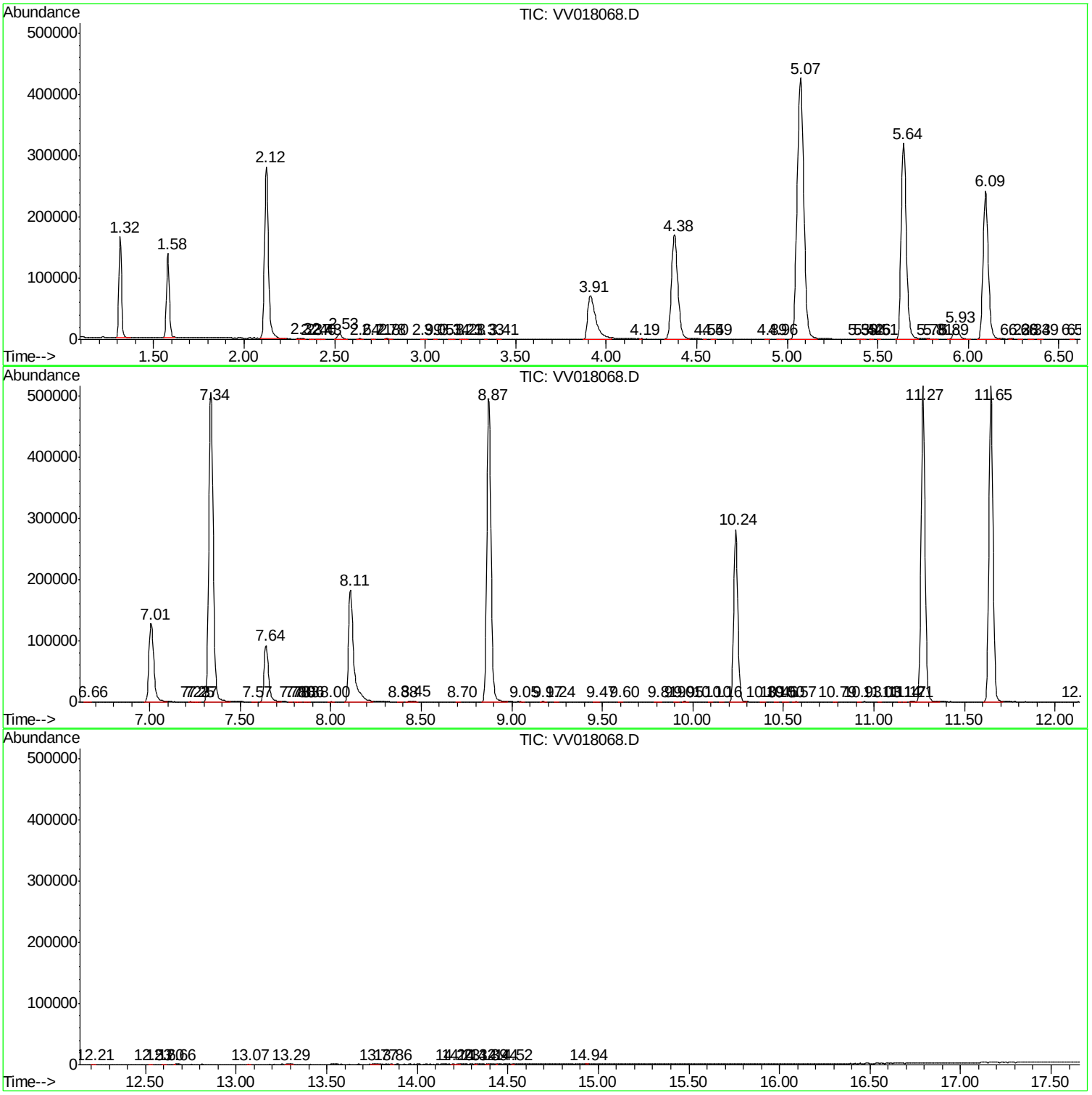
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK88

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082020\
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK88

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

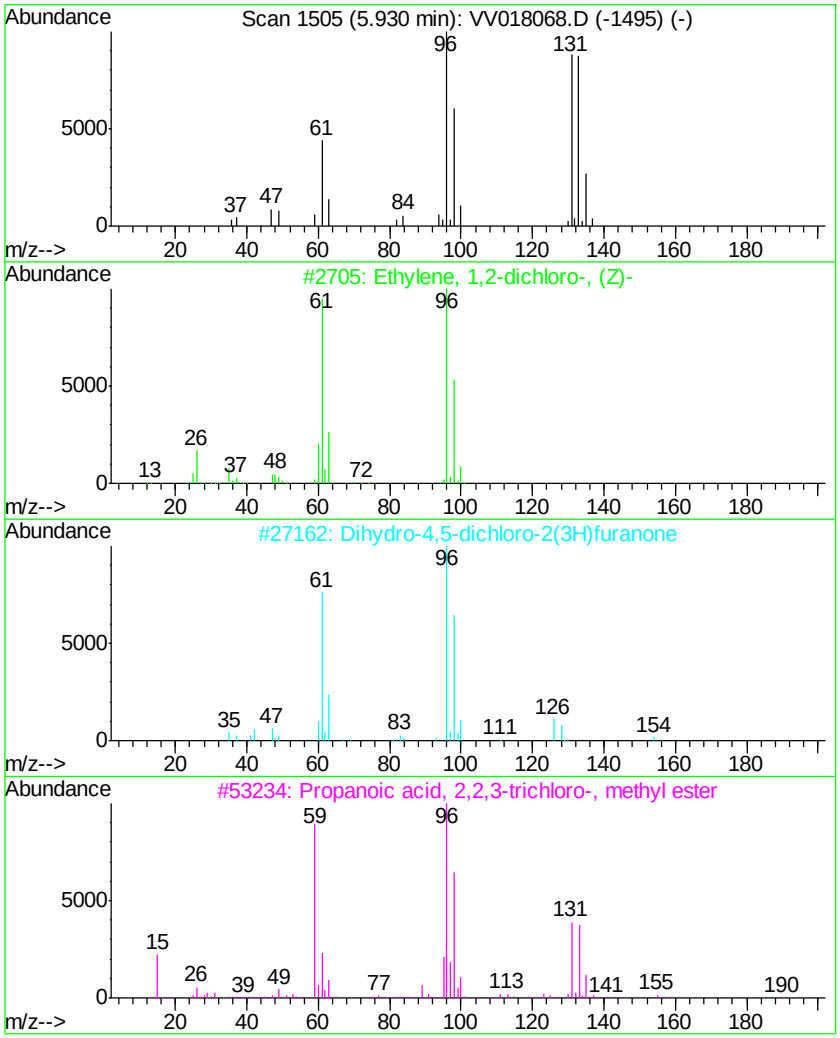
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

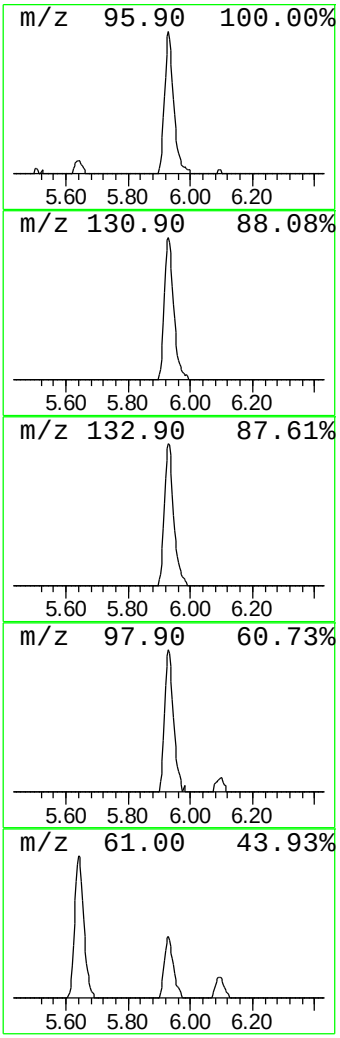
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	3.31 ug/L	41995	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	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
3	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	25
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	23
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\VV082020\
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ClientSampleId : VBLK88

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	3.3	ug/L	41995	1	5.64	635035	50.0