LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
Data File : VV018722.D
Acq On : 07 Oct 2020 11:38
Operator : SY/MD
Sample : VV1007WBL02
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK68

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\SOMVLM092920WMA.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	64	70	81	rVB	139520	139423	13.82%	1.664%
2	1.579	145	152	163	rBV	127945	139347	13.81%	1.663%
3	2.122	311	321	352	rVB	256341	403661	40.01%	4.817%
4	2.486	431	434	436	rBV	564	318	0.03%	0.004%
5	2.576	460	462	465	rBV3	560	417	0.04%	0.005%
6	2.627	474	478	482	rBV3	622	605	0.06%	0.007%
7	2.701	498	501	502	rBV	631	363	0.04%	0.004%
8	2.782	523	526	532	rVB5	677	669	0.07%	0.008%
9	2.843	537	545	547	rBV4	653	698	0.07%	0.008%
10	3.093	619	623	624	rBV2	455	362	0.04%	0.004%
11	3.193	651	654	656	rBV3	788	601	0.06%	0.007%
12	3.238	664	668	669	rBV2	499	328	0.03%	0.004%
13	3.312	688	691	694	rVB3	531	388	0.04%	0.005%
14	3.364	703	707	711	rVB5	468	429	0.04%	0.005%
15	3.418	722	724	731	rVB3	619	466	0.05%	0.006%
16	3.450	731	734	739	rBV3	757	706	0.07%	0.008%
17	3.589	774	777	781	rBV3	699	555	0.06%	0.007%
18	3.843	853	856	857	rBV2	661	321	0.03%	0.004%
19	3.865	857	863	868	rVB4	907	1028	0.10%	0.012%
20	3.917	868	879	908	rBV2	63129	211452	20.96%	2.523%
21	4.309	998	1001	1003	rBV3	641	399	0.04%	0.005%
22	4.373	1006	1021	1045	rVV	167523	413908	41.03%	4.939%
23	4.614	1094	1096	1100	rBV4	521	318	0.03%	0.004%
24	4.653	1105	1108	1110	rBV2	764	424	0.04%	0.005%
25	4.691	1116	1120	1125	rBV5	603	649	0.06%	0.008%
26	4.772	1142	1145	1150	rBV5	582	584	0.06%	0.007%
27	4.807	1154	1156	1164	rVB5	950	746	0.07%	0.009%
28	4.878	1173	1178	1179	rBV3	637	468	0.05%	0.006%
29	4.910	1184	1188	1192	rBV4	762	786	0.08%	0.009%
30	5.071	1221	1238	1261	rBV2	390845	1008832	100.00%	12.039%
31	5.270	1297	1300	1302	rBV3	1001	755	0.07%	0.009%
32	5.325	1314	1317	1321	rBV4	1019	753	0.07%	0.009%
33	5.373	1330	1332	1335	rBV2	566	372	0.04%	0.004%
34	5.412	1342	1344	1348	rBV	848	416	0.04%	0.005%

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ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK68

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\SOMVLM092920WMA.M
Title : VOC Analysis

35	5.508	1373	1374	1376	rBV	693	378	0.04%	0.005%
36	5.531	1379	1381	1386	rVB3	792	600	0.06%	0.007%
37	5.640	1403	1415	1443	rBV	352049	703948	69.78%	8.401%
38	5.926	1494	1504	1524	rVB2	39937	82653	8.19%	0.986%
39	6.090	1541	1555	1583	rVV	228858	471989	46.79%	5.632%
40	6.505	1680	1684	1686	rBV3	979	788	0.08%	0.009%
41	6.560	1697	1701	1702	rBV3	712	473	0.05%	0.006%
42	6.781	1768	1770	1774	rVB2	987	496	0.05%	0.006%
43	6.814	1776	1780	1782	rBV3	973	776	0.08%	0.009%
44	6.868	1793	1797	1799	rVB3	726	498	0.05%	0.006%
45	7.007	1825	1840	1869	rBV	133704	257774	25.55%	3.076%
46	7.338	1931	1943	1965	rBV	538393	928983	92.09%	11.086%
47	7.640	2028	2037	2062	rVV	103620	184509	18.29%	2.202%
48	7.881	2110	2112	2114	rVB	789	331	0.03%	0.004%
49	7.897	2115	2117	2123	rBV7	716	802	0.08%	0.010%
50	7.942	2129	2131	2133	rBV3	659	353	0.03%	0.004%
51	8.000	2143	2149	2151	rBV6	2444	2925	0.29%	0.035%
52	8.109	2173	2183	2219	rBV2	221445	481562	47.73%	5.747%
53	8.534	2313	2315	2319	rBV4	817	703	0.07%	0.008%
54	8.595	2331	2334	2337	rBV3	492	359	0.04%	0.004%
55	8.704	2365	2368	2372	rBV4	362	348	0.03%	0.004%
56	8.723	2372	2374	2377	rBV3	662	367	0.04%	0.004%
57	8.871	2406	2420	2445	rBV	552009	896606	88.88%	10.700%
58	9.129	2495	2500	2503	rBV4	806	888	0.09%	0.011%
59	9.267	2539	2543	2546	rBV2	517	393	0.04%	0.005%
60	9.498	2613	2615	2618	rVB3	698	317	0.03%	0.004%
61	9.653	2660	2663	2665	rBV2	553	342	0.03%	0.004%
62	9.666	2665	2667	2673	rVB5	905	521	0.05%	0.006%
63	9.698	2675	2677	2681	rBV2	565	367	0.04%	0.004%
64	9.852	2721	2725	2729	rBV2	570	517	0.05%	0.006%
65	9.958	2756	2758	2762	rBV3	751	558	0.06%	0.007%
66	10.084	2791	2797	2800	rBV4	689	585	0.06%	0.007%
67	10.135	2809	2813	2816	rBV	600	549	0.05%	0.007%
68	10.170	2823	2824	2828	rVB2	680	328	0.03%	0.004%
69	10.193	2828	2831	2833	rBV2	666	352	0.03%	0.004%
70	10.235	2833	2844	2862	rBV	246169	392582	38.91%	4.685%
71	10.399	2893	2895	2899	rBV3	514	317	0.03%	0.004%

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ClientSampleId : VBLK68

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\SOMVLM092920WMA.M
Title : VOC Analysis

72	10.466	2914	2916	2920	rBV3	460	319	0.03%	0.004%
73	10.604	2956	2959	2963	rVB3	820	481	0.05%	0.006%
74	10.630	2963	2967	2970	rVB	429	338	0.03%	0.004%
75	10.791	3015	3017	3019	rBV3	633	315	0.03%	0.004%
76	10.884	3043	3046	3049	rVB4	723	514	0.05%	0.006%
77	11.093	3108	3111	3113	rBV	412	330	0.03%	0.004%
78	11.270	3154	3166	3185	rBV	547899	834969	82.77%	9.964%
79	11.460	3222	3225	3228	rBV3	425	337	0.03%	0.004%
80	11.550	3250	3253	3257	rBV2	819	620	0.06%	0.007%
81	11.588	3263	3265	3268	rBV2	510	332	0.03%	0.004%
82	11.646	3271	3283	3301	rBV	500223	783562	77.67%	9.351%
83	11.846	3343	3345	3350	rVB2	1123	681	0.07%	0.008%
84	11.874	3350	3354	3358	rBV3	638	738	0.07%	0.009%
85	12.122	3429	3431	3433	rBV2	546	328	0.03%	0.004%
86	12.231	3463	3465	3469	rVV2	441	328	0.03%	0.004%
87	12.383	3509	3512	3515	rBV	562	512	0.05%	0.006%
88	12.411	3520	3521	3525	rBV3	549	364	0.04%	0.004%
89	12.669	3599	3601	3604	rBV3	545	384	0.04%	0.005%
90	12.797	3635	3641	3645	rBV2	799	830	0.08%	0.010%
91	12.894	3668	3671	3674	rBV2	651	499	0.05%	0.006%
92	13.218	3764	3772	3777	rBV5	702	1268	0.13%	0.015%
93	13.344	3808	3811	3815	rBV	624	505	0.05%	0.006%
94	13.434	3837	3839	3842	rVB2	862	331	0.03%	0.004%
95	13.656	3906	3908	3912	rBV3	507	423	0.04%	0.005%
96	14.444	4150	4153	4156	rBV2	622	435	0.04%	0.005%
97	14.517	4174	4176	4177	rBV	726	317	0.03%	0.004%
98	14.861	4280	4283	4285	rBV2	849	457	0.05%	0.005%
99	14.874	4285	4287	4293	rVB3	854	552	0.05%	0.007%
100	15.360	4435	4438	4440	rBV	855	376	0.04%	0.004%

Sum of corrected areas: 8379829

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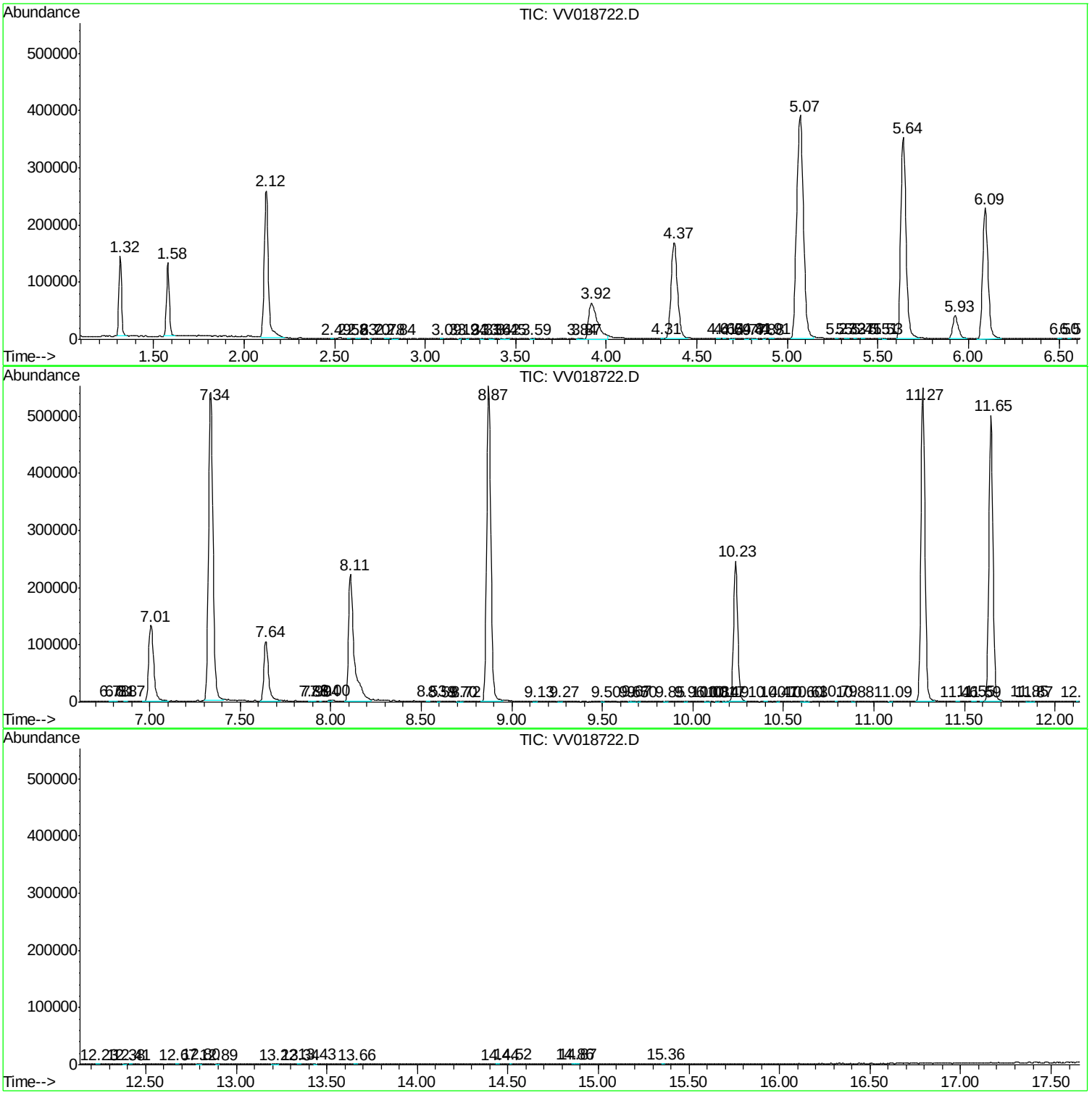
ClientSampleId :
VBLK68

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.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\VV100720\
Data File : VV018722.D
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Instrument : MSVOA_V
ClientSampleId : VBLK68

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

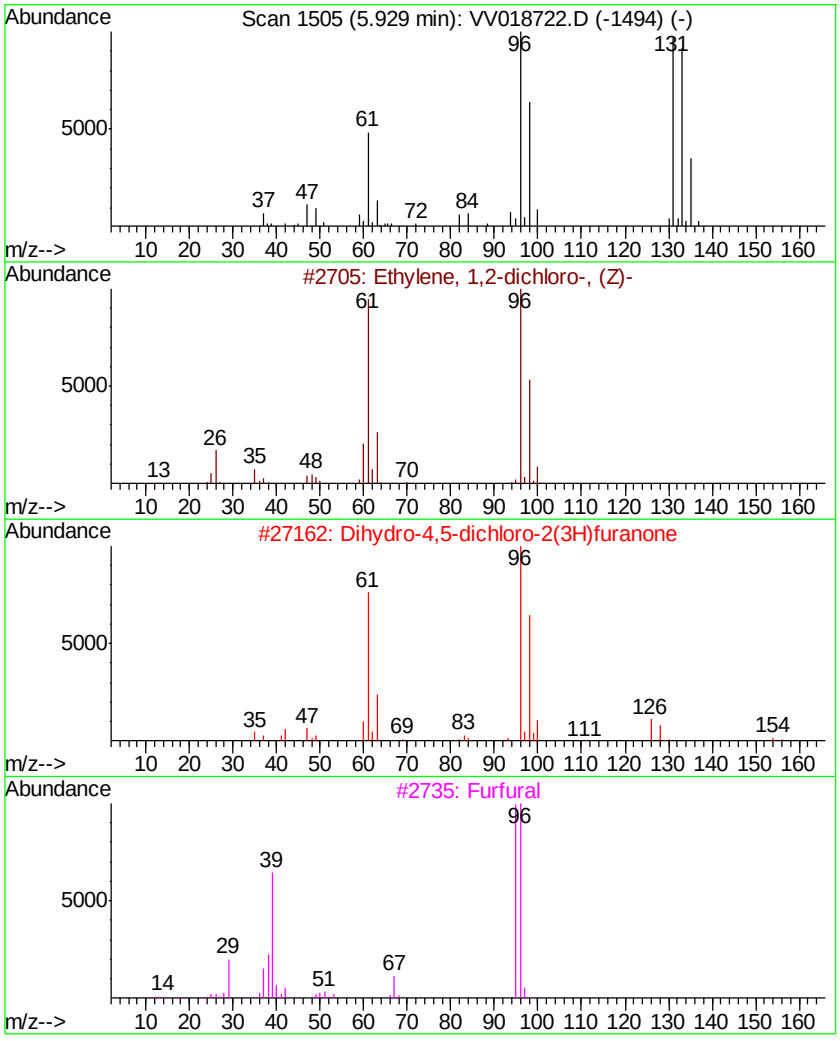
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

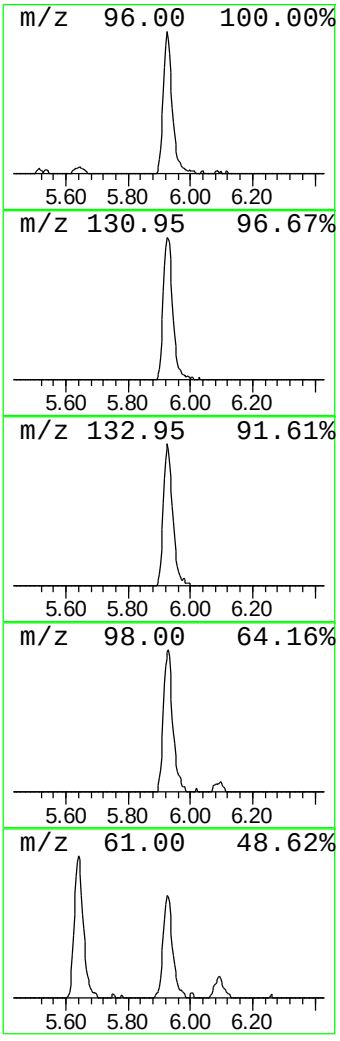
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	5.87 ug/L	82653	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	10
3	Furfural	96	C5H4O2	000098-01-1	9
4	2H-Benzotriazole, 2-methyl-	133	C7H7N3	016584-00-2	9
5	4(1H)-Pyrimidinone	96	C4H4N2O	004562-27-0	9





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	5.93	5.9	ug/L	82653	1	5.64	703948	50.0