

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090518\
 Data File : VU026541.D
 Acq On : 05 Sep 2018 13:22
 Operator : MD/SY
 Sample : J4694-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE33

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.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	0.670	22	25	26	rBV	140	99	0.002%	0.0002%
2	0.712	34	38	42	rBV	175	211	0.04%	0.0005%
3	0.754	47	51	54	rBB	143	117	0.02%	0.0003%
4	0.844	74	79	81	rBV	145	179	0.04%	0.0004%
5	0.969	113	118	121	rBB	145	172	0.03%	0.0004%
6	1.088	135	155	167	rBV	145385	165342	33.24%	3.807%
7	1.397	244	251	264	rVB	59431	61811	12.43%	1.423%
8	1.471	269	274	285	rVV	7420	8779	1.77%	0.202%
9	1.680	331	339	352	rVB	52401	66956	13.46%	1.542%
10	2.191	491	498	504	rVB3	2477	3563	0.72%	0.082%
11	2.272	512	523	533	rBV	106601	158566	31.88%	3.651%
12	2.323	533	539	553	rVB	8873	13633	2.74%	0.314%
13	2.378	553	556	559	rVB3	293	192	0.04%	0.0004%
14	2.448	572	578	582	rBV	275	332	0.07%	0.0008%
15	2.481	582	588	591	rBV	239	263	0.05%	0.0006%
16	2.526	594	602	604	rBV	312	402	0.08%	0.0009%
17	2.612	627	629	631	rBV2	240	156	0.03%	0.0004%
18	2.699	653	656	663	rVB3	450	413	0.08%	0.010%
19	2.834	690	698	703	rBV	331	557	0.11%	0.013%
20	3.435	871	885	899	rBV2	8689	18138	3.65%	0.418%
21	3.760	982	986	993	rBV	120	143	0.03%	0.0003%
22	4.181	1102	1117	1122	rBV	46437	99633	20.03%	2.294%
23	4.394	1177	1183	1186	rBV2	218	231	0.05%	0.0005%
24	4.651	1246	1263	1283	rBV	84937	198582	39.93%	4.572%
25	4.770	1295	1300	1302	rBV	157	171	0.03%	0.0004%
26	4.850	1321	1325	1327	rVB2	147	108	0.02%	0.0002%
27	4.879	1327	1334	1335	rBV2	385	267	0.05%	0.0006%
28	4.998	1361	1371	1381	rBV5	2362	4507	0.91%	0.104%
29	5.111	1398	1406	1408	rBV	184	296	0.06%	0.0007%
30	5.342	1454	1478	1500	rBV2	167145	497368	100.00%	11.451%
31	5.477	1518	1520	1525	rVB2	155	115	0.02%	0.0003%
32	5.522	1529	1534	1536	rVV	194	144	0.03%	0.0003%
33	5.570	1545	1549	1552	rBV	173	203	0.04%	0.0005%
34	5.699	1585	1589	1593	rBV	203	264	0.05%	0.0006%

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 Title : VOC Analysis

35	5.754	1603	1606	1614	rBV2	532	847	0.17%	0.020%
36	5.841	1628	1633	1634	rBV	167	159	0.03%	0.004%
37	5.889	1634	1648	1672	rVV	196647	378719	76.14%	8.719%
38	6.021	1687	1689	1692	rVB	253	113	0.02%	0.003%
39	6.033	1692	1693	1697	rVB2	181	97	0.02%	0.002%
40	6.075	1703	1706	1713	rVB2	221	151	0.03%	0.003%
41	6.194	1735	1743	1751	rBV4	2531	4421	0.89%	0.102%
42	6.332	1771	1786	1807	rVB	117992	233794	47.01%	5.383%
43	6.471	1827	1829	1832	rVB	239	94	0.02%	0.002%
44	6.545	1848	1852	1856	rBV	206	140	0.03%	0.003%
45	6.677	1891	1893	1900	rVB	149	99	0.02%	0.002%
46	6.857	1945	1949	1951	rBV	281	248	0.05%	0.006%
47	6.866	1951	1952	1957	rVB2	403	252	0.05%	0.006%
48	7.230	2053	2065	2087	rVB	37450	65228	13.11%	1.502%
49	7.374	2108	2110	2115	rVB	285	209	0.04%	0.005%
50	7.474	2138	2141	2143	rBV	172	111	0.02%	0.003%
51	7.567	2157	2170	2190	rBV	223064	380553	76.51%	8.762%
52	7.699	2208	2211	2213	rBV2	288	147	0.03%	0.003%
53	7.715	2214	2216	2218	rVB	277	111	0.02%	0.003%
54	7.853	2245	2259	2272	rBV2	27059	44497	8.95%	1.024%
55	7.898	2272	2273	2276	rVB	281	118	0.02%	0.003%
56	8.008	2304	2307	2310	rVB	225	163	0.03%	0.004%
57	8.184	2348	2362	2372	rBV	21120	44374	8.92%	1.022%
58	8.313	2392	2402	2431	rVB	152797	265794	53.44%	6.120%
59	8.416	2431	2434	2435	rBV2	229	133	0.03%	0.003%
60	8.490	2454	2457	2460	rBV	134	119	0.02%	0.003%
61	8.606	2489	2493	2494	rBV2	139	93	0.02%	0.002%
62	9.091	2632	2644	2666	rBV	281201	451103	90.70%	10.386%
63	9.188	2672	2674	2677	rVV2	318	213	0.04%	0.005%
64	9.204	2677	2679	2682	rVB	297	119	0.02%	0.003%
65	9.393	2728	2738	2768	rBV	75604	147053	29.57%	3.386%
66	9.599	2799	2802	2805	rBV2	170	111	0.02%	0.003%
67	9.686	2828	2829	2835	rVB	219	120	0.02%	0.003%
68	10.432	3048	3061	3081	rVB	164437	260038	52.28%	5.987%
69	10.612	3107	3117	3133	rBV2	7180	13042	2.62%	0.300%
70	10.869	3194	3197	3199	rBV2	191	132	0.03%	0.003%
71	10.924	3210	3214	3217	rBV2	277	192	0.04%	0.004%

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 Title : VOC Analysis

72	11.075	3256	3261	3265	rVB	255	221	0.04%	0.005%
73	11.226	3306	3308	3310	rBV	177	100	0.02%	0.002%
74	11.319	3334	3337	3338	rBV2	497	305	0.06%	0.007%
75	11.368	3350	3352	3356	rVB	206	91	0.02%	0.002%
76	11.483	3376	3388	3403	rBV	249229	388058	78.02%	8.935%
77	11.712	3456	3459	3460	rBV	163	90	0.02%	0.002%
78	11.773	3476	3478	3482	rBV2	146	123	0.02%	0.003%
79	11.863	3493	3506	3522	rBV	219803	352258	70.82%	8.110%
80	11.995	3544	3547	3549	rBV	203	163	0.03%	0.004%
81	12.178	3599	3604	3609	rVB2	231	247	0.05%	0.006%
82	12.355	3656	3659	3661	rVB	165	89	0.02%	0.002%
83	12.403	3670	3674	3676	rBV	193	194	0.04%	0.004%
84	12.483	3688	3699	3707	rVB	1526	2758	0.55%	0.063%
85	12.538	3713	3716	3718	rBV	169	150	0.03%	0.003%
86	12.670	3754	3757	3760	rVB2	293	158	0.03%	0.004%
87	12.856	3812	3815	3819	rBV	238	141	0.03%	0.003%
88	13.332	3958	3963	3968	rVB2	239	272	0.05%	0.006%
89	13.413	3986	3988	3991	rVB2	245	111	0.02%	0.003%
90	13.496	4010	4014	4017	rBV2	228	228	0.05%	0.005%
91	13.525	4021	4023	4029	rVV2	202	148	0.03%	0.003%
92	13.554	4029	4032	4035	rBV	218	144	0.03%	0.003%
93	13.596	4042	4045	4048	rVB2	280	162	0.03%	0.004%
94	13.612	4048	4050	4052	rBV	184	99	0.02%	0.002%
95	13.753	4091	4094	4095	rBV2	209	98	0.02%	0.002%
96	13.895	4137	4138	4145	rVB	265	234	0.05%	0.005%
97	13.978	4162	4164	4169	rVB	242	160	0.03%	0.004%
98	14.020	4174	4177	4181	rVV2	280	207	0.04%	0.005%
99	14.284	4253	4259	4267	rVB3	1016	1353	0.27%	0.031%
100	15.859	4747	4749	4750	rBV	409	175	0.04%	0.004%

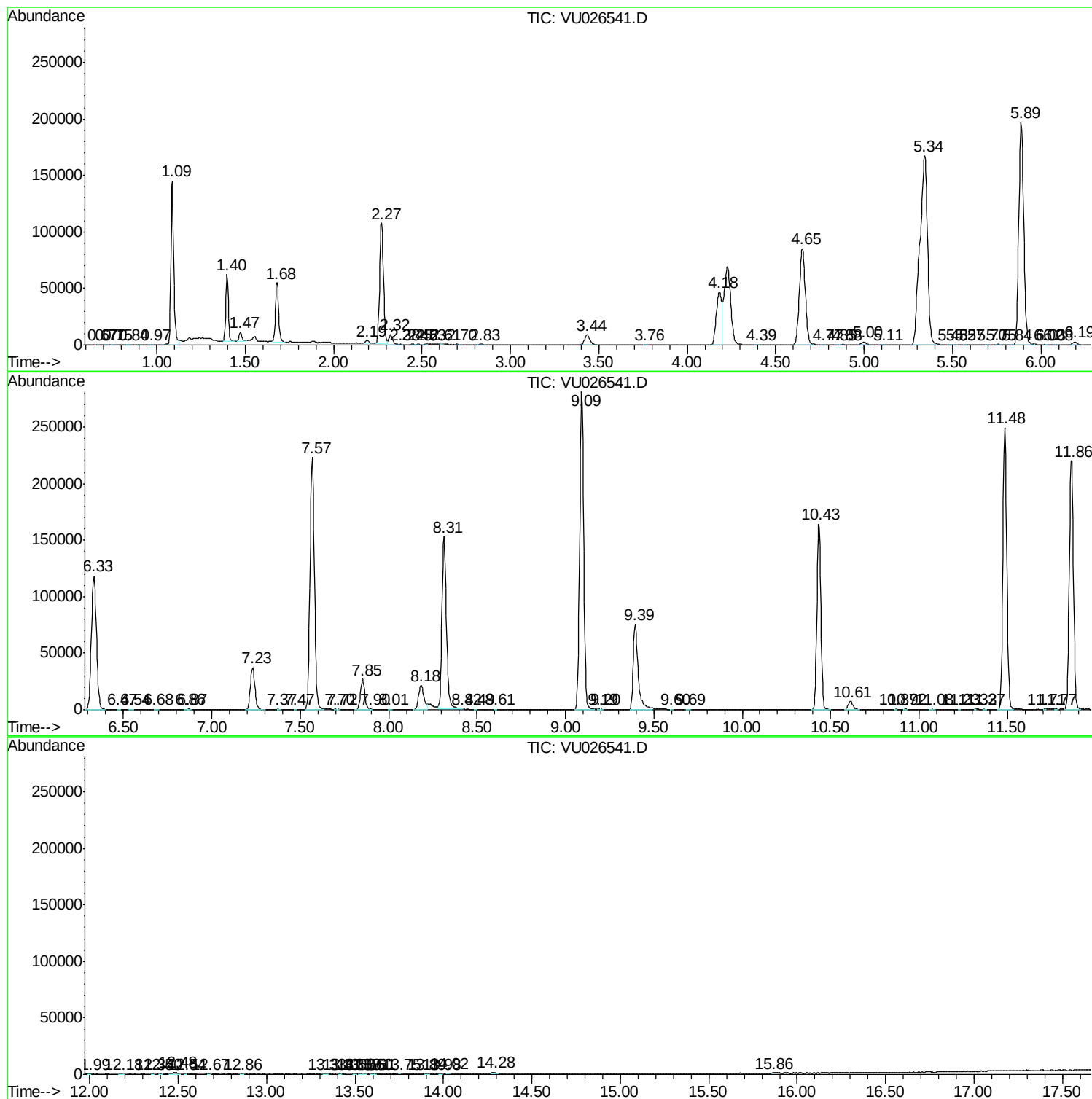
Sum of corrected areas: 4343357

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis

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



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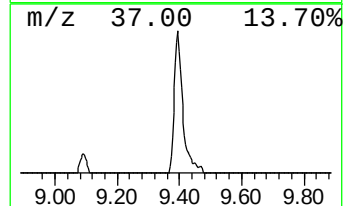
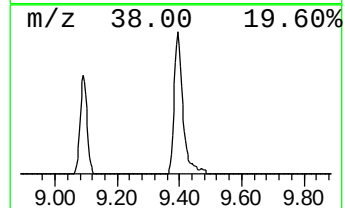
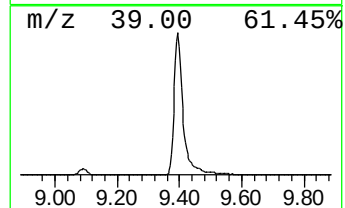
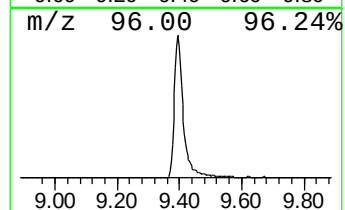
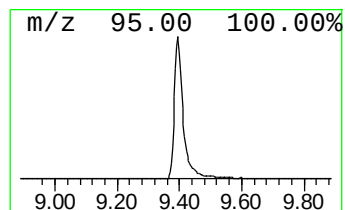
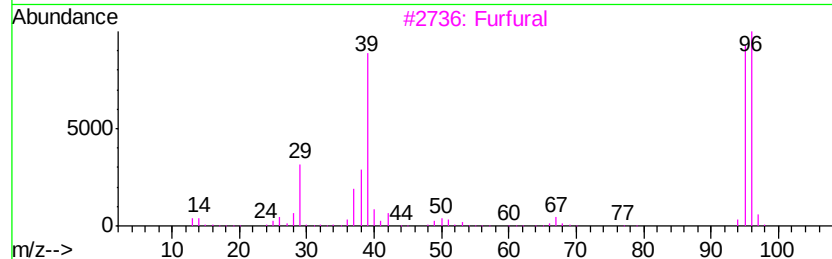
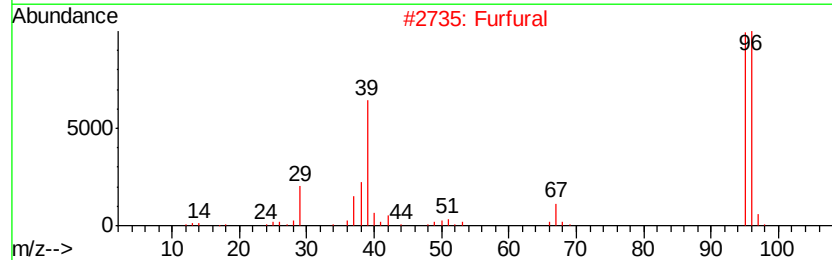
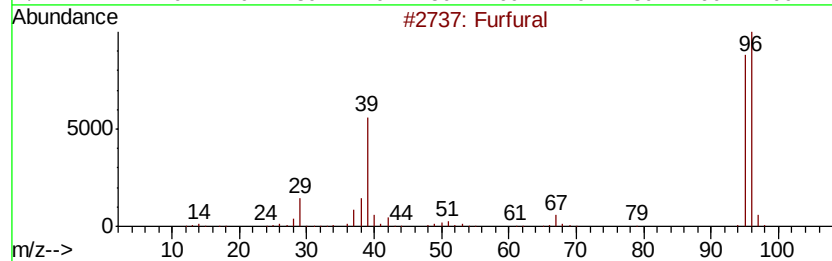
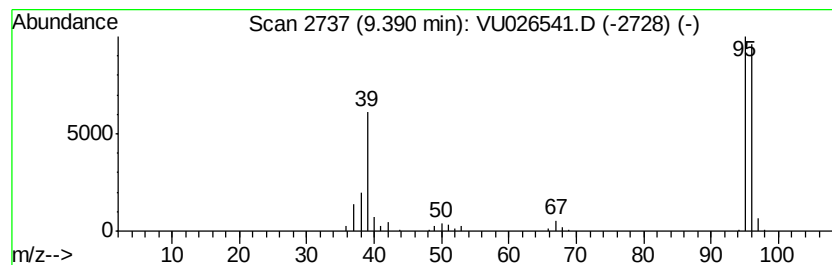
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Furfural Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	16.30 ug/L	147053	Chlorobenzene-d5	9.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Furfural	96	C5H4O2	000098-01-1	94
2		Furfural	96	C5H4O2	000098-01-1	94
3		Furfural	96	C5H4O2	000098-01-1	94
4		3-Furaldehyde	96	C5H4O2	000498-60-2	64
5		2H-Pyran-2-one	96	C5H4O2	000504-31-4	59



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Furfural	9.39	16.3	ug/L	147053	2	9.09	451103	50.0