

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090518\
 Data File : VU026545.D
 Acq On : 05 Sep 2018 14:55
 Operator : MD/SY
 Sample : J4694-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE27

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	0.638	12	15	17	rBV	216	125	0.03%	0.003%
2	0.693	28	32	33	rBV	147	125	0.03%	0.003%
3	0.783	57	60	63	rVB	178	138	0.03%	0.004%
4	0.806	63	67	71	rBV	166	224	0.05%	0.006%
5	0.954	111	113	116	rBV	139	123	0.03%	0.003%
6	1.089	138	155	170	rBV	134776	156011	32.72%	3.971%
7	1.182	180	184	190	rBV2	5983	6575	1.38%	0.167%
8	1.397	245	251	262	rBV	58244	60102	12.60%	1.530%
9	1.680	331	339	354	rVB	51883	67922	14.24%	1.729%
10	2.272	513	523	533	rVV	96126	140642	29.49%	3.580%
11	2.323	534	539	550	rVB	5488	8416	1.76%	0.214%
12	2.404	562	564	567	rVB	179	80	0.02%	0.002%
13	2.474	582	586	595	rVB2	342	513	0.11%	0.013%
14	2.552	608	610	613	rVB2	281	182	0.04%	0.005%
15	2.571	613	616	618	rBV	219	134	0.03%	0.003%
16	2.622	628	632	635	rBV	247	236	0.05%	0.006%
17	2.674	645	648	649	rBV	186	107	0.02%	0.003%
18	2.699	650	656	664	rVV3	787	1127	0.24%	0.029%
19	2.773	677	679	684	rBV2	200	167	0.04%	0.004%
20	2.834	690	698	704	rVB	472	762	0.16%	0.019%
21	2.863	704	707	710	rBV	201	103	0.02%	0.003%
22	2.982	740	744	749	rVB2	344	349	0.07%	0.009%
23	3.355	857	860	866	rVB2	194	253	0.05%	0.006%
24	3.433	877	884	894	rVB2	1241	2083	0.44%	0.053%
25	3.523	911	912	915	rVB	177	89	0.02%	0.002%
26	3.757	982	985	995	rBV	85	89	0.02%	0.002%
27	3.870	1017	1020	1022	rBV	178	129	0.03%	0.003%
28	3.883	1022	1024	1027	rVV2	155	114	0.02%	0.003%
29	3.908	1029	1032	1037	rVB	156	119	0.02%	0.003%
30	3.950	1042	1045	1048	rBV	162	98	0.02%	0.002%
31	4.178	1103	1116	1147	rBV	46940	135215	28.35%	3.442%
32	4.420	1188	1191	1193	rBV	168	90	0.02%	0.002%
33	4.429	1193	1194	1200	rVB	174	140	0.03%	0.004%
34	4.542	1227	1229	1235	rVV	79	83	0.02%	0.002%

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 Title : VOC Analysis

35	4.651	1245	1263	1287	rBV	85785	200519	42.05%	5.104%
36	4.873	1329	1332	1333	rBV2	389	229	0.05%	0.006%
37	4.992	1367	1369	1372	rBV2	360	188	0.04%	0.005%
38	5.005	1372	1373	1377	rVB	185	85	0.02%	0.002%
39	5.262	1448	1453	1455	rBV	297	253	0.05%	0.006%
40	5.342	1455	1478	1505	rVV2	156256	476876	100.00%	12.139%
41	5.461	1513	1515	1521	rVB2	167	174	0.04%	0.004%
42	5.494	1521	1525	1528	rVB2	192	127	0.03%	0.003%
43	5.889	1634	1648	1673	rBV	172207	330697	69.35%	8.418%
44	6.030	1689	1692	1695	rVB2	142	106	0.02%	0.003%
45	6.194	1734	1743	1753	rVB3	1616	2938	0.62%	0.075%
46	6.333	1772	1786	1810	rBV	116180	228393	47.89%	5.814%
47	6.474	1827	1830	1833	rBV	176	103	0.02%	0.003%
48	6.850	1944	1947	1948	rBV	256	125	0.03%	0.003%
49	6.979	1984	1987	1995	rVB	172	278	0.06%	0.007%
50	7.021	1996	2000	2005	rBV	174	227	0.05%	0.006%
51	7.230	2053	2065	2083	rBV	36338	62805	13.17%	1.599%
52	7.567	2157	2170	2189	rBV	182269	313714	65.79%	7.985%
53	7.854	2249	2259	2277	rBV2	25626	42707	8.96%	1.087%
54	7.963	2286	2293	2298	rBV2	297	444	0.09%	0.011%
55	8.185	2349	2362	2372	rBV2	21804	46533	9.76%	1.184%
56	8.313	2392	2402	2426	rVB	159823	271233	56.88%	6.904%
57	8.468	2448	2450	2453	rBB2	221	82	0.02%	0.002%
58	8.545	2471	2474	2480	rVV	105	104	0.02%	0.003%
59	8.635	2498	2502	2504	rBV	107	85	0.02%	0.002%
60	8.953	2598	2601	2604	rBV	193	146	0.03%	0.004%
61	8.969	2604	2606	2611	rVB	167	114	0.02%	0.003%
62	9.091	2631	2644	2667	rBV	226484	364572	76.45%	9.280%
63	9.394	2728	2738	2767	rBV	88366	170810	35.82%	4.348%
64	9.654	2816	2819	2824	rVB2	225	156	0.03%	0.004%
65	10.053	2940	2943	2948	rBV	137	143	0.03%	0.004%
66	10.432	3050	3061	3083	rVB	165546	261234	54.78%	6.650%
67	10.516	3084	3087	3091	rBV	160	121	0.03%	0.003%
68	10.612	3107	3117	3129	rBV2	7390	13286	2.79%	0.338%
69	10.670	3132	3135	3144	rBV	364	523	0.11%	0.013%
70	10.722	3149	3151	3153	rBV	131	90	0.02%	0.002%
71	10.802	3174	3176	3179	rVV2	142	84	0.02%	0.002%

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72	10.873	3193	3198	3200	rBV2	384	366	0.08%	0.009%
73	10.921	3208	3213	3219	rVB3	651	805	0.17%	0.020%
74	11.053	3252	3254	3257	rVB	223	86	0.02%	0.002%
75	11.098	3265	3268	3270	rBV	130	98	0.02%	0.002%
76	11.484	3377	3388	3408	rVV	171605	270845	56.80%	6.894%
77	11.660	3440	3443	3444	rBV	251	112	0.02%	0.003%
78	11.741	3465	3468	3471	rBV	360	292	0.06%	0.007%
79	11.757	3471	3473	3477	rVB	379	190	0.04%	0.005%
80	11.863	3494	3506	3520	rBV	170633	274977	57.66%	6.999%
81	11.976	3539	3541	3543	rBV	156	93	0.02%	0.002%
82	12.162	3597	3599	3602	rVB	209	99	0.02%	0.003%
83	12.217	3613	3616	3620	rBV2	191	181	0.04%	0.005%
84	12.484	3689	3699	3709	rVB2	1823	3156	0.66%	0.080%
85	12.580	3727	3729	3731	rBV	176	94	0.02%	0.002%
86	12.683	3759	3761	3764	rVB2	171	99	0.02%	0.003%
87	12.779	3789	3791	3792	rBV2	212	86	0.02%	0.002%
88	12.882	3821	3823	3825	rBV	208	109	0.02%	0.003%
89	13.017	3862	3865	3868	rVB	276	191	0.04%	0.005%
90	13.204	3920	3923	3924	rBV	211	99	0.02%	0.003%
91	13.313	3954	3957	3959	rBV	278	116	0.02%	0.003%
92	13.326	3959	3961	3965	rVB	189	97	0.02%	0.002%
93	13.345	3965	3967	3969	rBV	198	123	0.03%	0.003%
94	13.422	3988	3991	3999	rVB	389	352	0.07%	0.009%
95	13.558	4031	4033	4036	rVB2	224	130	0.03%	0.003%
96	13.641	4056	4059	4062	rBV	176	123	0.03%	0.003%
97	13.763	4093	4097	4100	rBV2	257	211	0.04%	0.005%
98	14.194	4226	4231	4235	rBV2	330	310	0.07%	0.008%
99	14.278	4254	4257	4268	rVB2	1316	1781	0.37%	0.045%
100	14.586	4350	4353	4363	rBV3	326	388	0.08%	0.010%

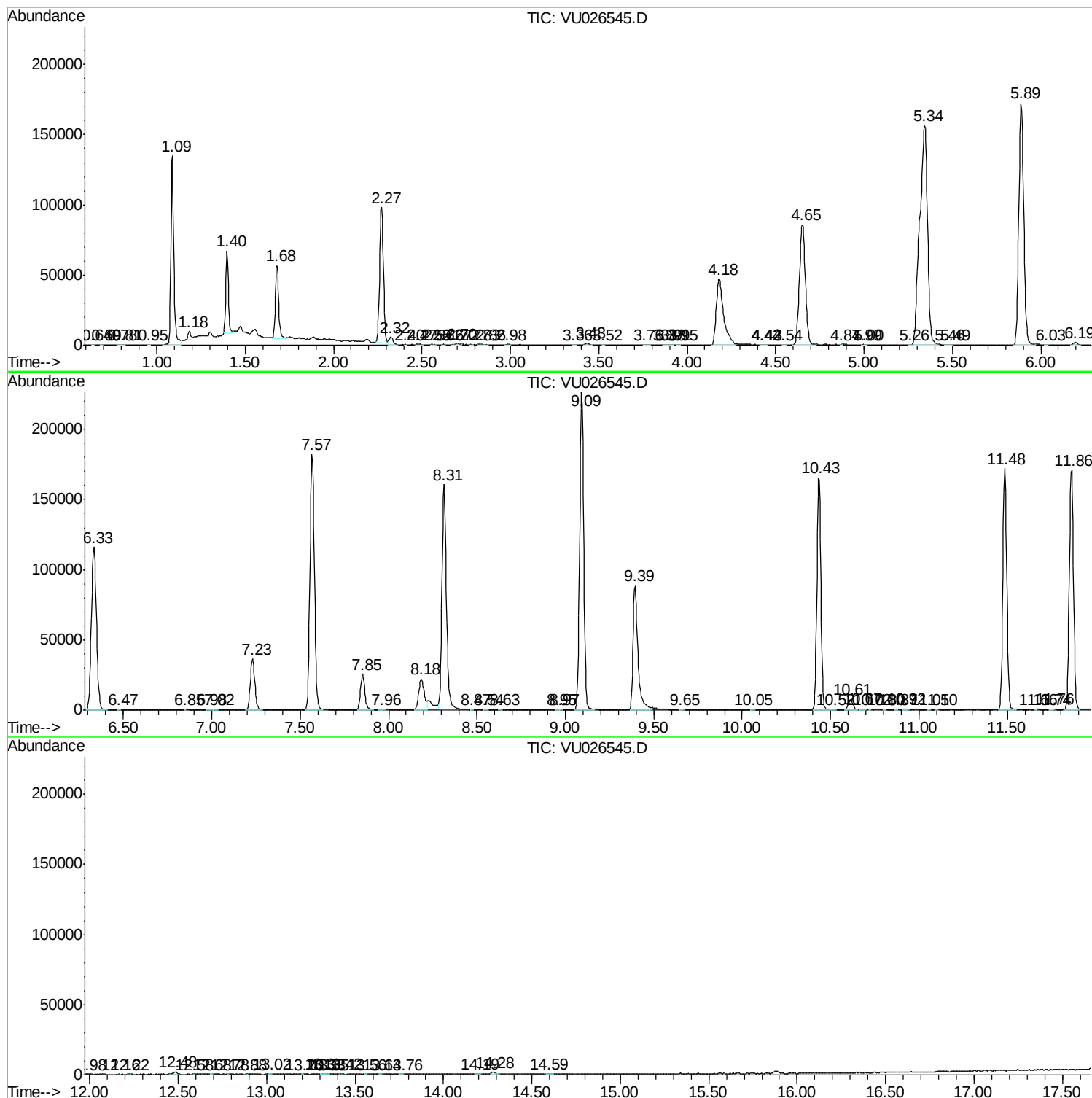
Sum of corrected areas: 3928578

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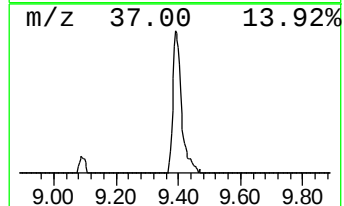
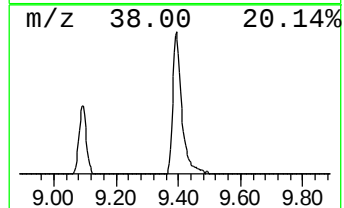
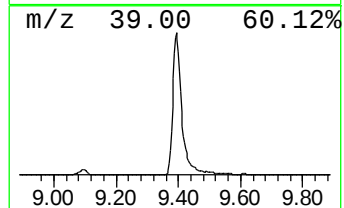
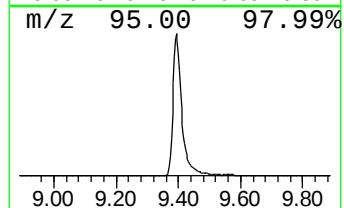
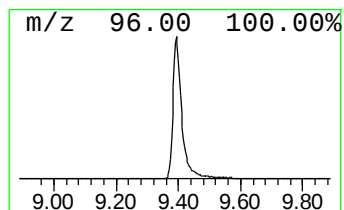
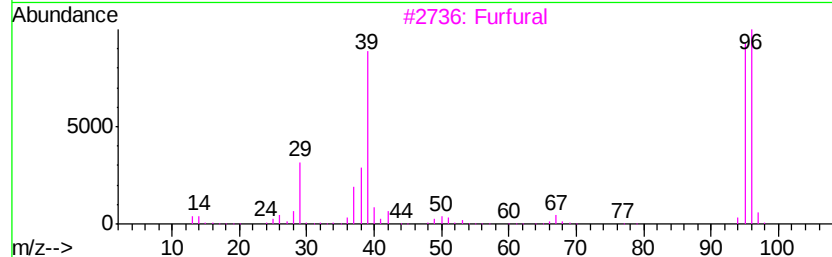
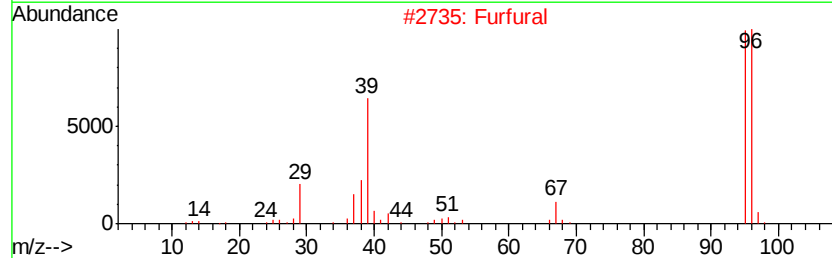
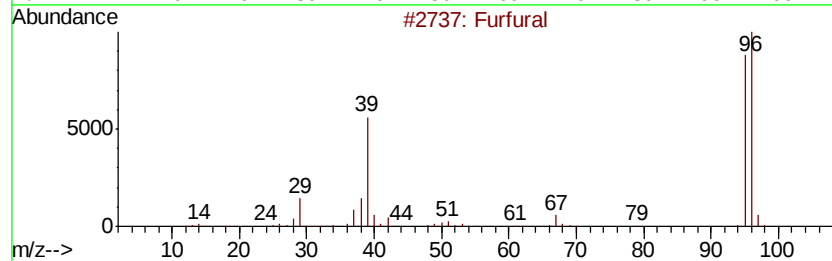
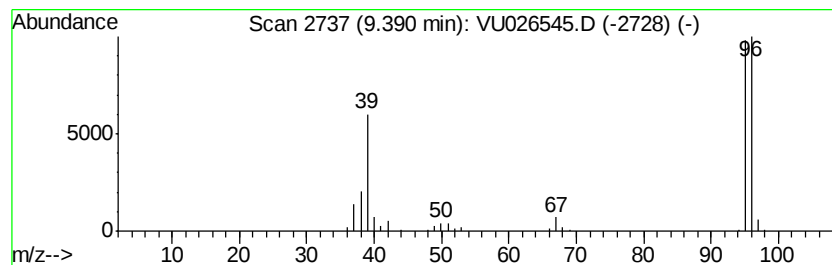
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis

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	23.43 ug/L	170810	Chlorobenzene-d5	9.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Furfural	96	C5H4O2	000098-01-1	95
2		Furfural	96	C5H4O2	000098-01-1	95
3		Furfural	96	C5H4O2	000098-01-1	94
4		3-Furaldehyde	96	C5H4O2	000498-60-2	68
5		2(1H)-Pyridinone	95	C5H5NO	000142-08-5	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Furfural	9.39	23.4	ug/L	170810	2	9.09	364572	50.0