

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090518\
 Data File : VU026544.D
 Acq On : 05 Sep 2018 14:32
 Operator : MD/SY
 Sample : J4694-18
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE38

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	0.680	25	28	31	rBB	154	127	0.01%	0.002%
2	0.703	32	35	37	rBV	167	146	0.01%	0.002%
3	0.770	54	56	59	rBV	236	157	0.02%	0.002%
4	0.789	59	62	69	rVB	170	246	0.02%	0.003%
5	0.834	69	76	80	rBV	148	259	0.02%	0.004%
6	0.870	82	87	89	rBV	159	186	0.02%	0.003%
7	0.918	100	102	103	rBV	226	108	0.01%	0.002%
8	0.940	106	109	112	rVB	158	130	0.01%	0.002%
9	0.982	121	122	126	rVB	244	129	0.01%	0.002%
10	1.021	127	134	136	rBV	257	283	0.03%	0.004%
11	1.088	141	155	171	rBV	766873	819176	78.92%	11.408%
12	1.182	181	184	192	rBV2	1958	2028	0.20%	0.028%
13	1.400	245	252	265	rBV2	224180	243366	23.45%	3.389%
14	1.471	268	274	289	rVB	77905	89765	8.65%	1.250%
15	1.680	332	339	355	rVB	53378	72570	6.99%	1.011%
16	2.272	512	523	531	rBV	112504	165613	15.96%	2.306%
17	2.323	531	539	557	rVB	54976	88375	8.51%	1.231%
18	2.410	560	566	572	rBV2	709	1014	0.10%	0.014%
19	2.474	572	586	600	rVB2	6943	13217	1.27%	0.184%
20	2.555	600	611	623	rBV3	6480	12379	1.19%	0.172%
21	2.619	626	631	642	rVB	2608	3909	0.38%	0.054%
22	2.702	650	657	663	rBV4	943	1144	0.11%	0.016%
23	2.783	678	682	683	rBV	249	164	0.02%	0.002%
24	2.825	691	695	696	rBV	281	220	0.02%	0.003%
25	2.982	732	744	760	rVB2	9951	17853	1.72%	0.249%
26	3.188	798	808	825	rBV2	2616	5215	0.50%	0.073%
27	3.436	879	885	896	rVB4	746	1349	0.13%	0.019%
28	3.802	995	999	1004	rBV	357	344	0.03%	0.005%
29	3.992	1054	1058	1060	rBV	131	105	0.01%	0.001%
30	4.227	1102	1131	1167	rVV2	369204	1037991	100.00%	14.456%
31	4.416	1187	1190	1193	rBV	215	186	0.02%	0.003%
32	4.471	1204	1207	1217	rBV	131	167	0.02%	0.002%
33	4.651	1245	1263	1290	rBV2	90066	210280	20.26%	2.928%
34	4.915	1338	1345	1357	rVB2	1439	3025	0.29%	0.042%

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 Title : VOC Analysis

35	5.143	1411	1416	1419	rBV	181	227	0.02%	0.003%
36	5.342	1455	1478	1493	rBV2	171484	525520	50.63%	7.319%
37	5.593	1546	1556	1567	rBV2	1370	2598	0.25%	0.036%
38	5.689	1581	1586	1593	rBV	173	119	0.01%	0.002%
39	5.786	1605	1616	1618	rBV2	1001	1653	0.16%	0.023%
40	5.889	1633	1648	1670	rBV	178616	345818	33.32%	4.816%
41	6.188	1729	1741	1761	rBV	106775	201768	19.44%	2.810%
42	6.333	1771	1786	1809	rBV	124283	246268	23.73%	3.430%
43	6.419	1809	1813	1816	rVB2	309	301	0.03%	0.004%
44	6.452	1816	1823	1826	rVB3	154	167	0.02%	0.002%
45	6.468	1826	1828	1832	rVB	202	102	0.01%	0.001%
46	6.490	1832	1835	1837	rBV	303	246	0.02%	0.003%
47	6.570	1857	1860	1862	rBV	148	104	0.01%	0.001%
48	6.619	1873	1875	1880	rVB2	160	118	0.01%	0.002%
49	6.857	1947	1949	1953	rVB2	335	237	0.02%	0.003%
50	6.889	1956	1959	1962	rVB	211	117	0.01%	0.002%
51	6.911	1962	1966	1970	rBV	214	156	0.02%	0.002%
52	6.982	1985	1988	1995	rVB	192	139	0.01%	0.002%
53	7.230	2053	2065	2085	rVB	41251	72823	7.02%	1.014%
54	7.474	2134	2141	2147	rVB3	636	892	0.09%	0.012%
55	7.567	2156	2170	2187	rBV	228536	390725	37.64%	5.441%
56	7.693	2207	2209	2213	rVB2	282	202	0.02%	0.003%
57	7.715	2213	2216	2221	rBV2	189	135	0.01%	0.002%
58	7.853	2247	2259	2276	rBV	29135	48679	4.69%	0.678%
59	7.943	2283	2287	2290	rVB2	221	207	0.02%	0.003%
60	7.969	2290	2295	2301	rBV	247	385	0.04%	0.005%
61	8.008	2305	2307	2310	rVV2	281	225	0.02%	0.003%
62	8.185	2349	2362	2364	rBV2	16661	24294	2.34%	0.338%
63	8.230	2366	2376	2391	rVV	357179	630039	60.70%	8.774%
64	8.313	2392	2402	2428	rVB	186514	325517	31.36%	4.533%
65	8.471	2446	2451	2458	rVB3	618	746	0.07%	0.010%
66	8.667	2509	2512	2516	rVB	229	128	0.01%	0.002%
67	8.947	2597	2599	2607	rVB2	350	233	0.02%	0.003%
68	9.091	2632	2644	2666	rBV	258679	415345	40.01%	5.784%
69	9.185	2671	2673	2676	rVB2	320	174	0.02%	0.002%
70	9.207	2676	2680	2681	rBV	155	111	0.01%	0.002%
71	9.252	2692	2694	2698	rBV	147	113	0.01%	0.002%

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 Title : VOC Analysis

72	9.393	2728	2738	2769	rBV	57361	114978	11.08%	1.601%
73	9.580	2794	2796	2800	rVB2	428	297	0.03%	0.004%
74	9.696	2830	2832	2838	rVB2	198	163	0.02%	0.002%
75	9.789	2856	2861	2863	rBV	280	167	0.02%	0.002%
76	9.847	2876	2879	2884	rBV	220	132	0.01%	0.002%
77	10.432	3050	3061	3080	rVB	182233	286508	27.60%	3.990%
78	10.619	3106	3119	3133	rBV2	7800	15501	1.49%	0.216%
79	10.692	3139	3142	3145	rVB	204	106	0.01%	0.001%
80	10.882	3197	3201	3204	rBV2	168	145	0.01%	0.002%
81	11.483	3377	3388	3403	rBV	230372	357366	34.43%	4.977%
82	11.583	3415	3419	3422	rVB	171	127	0.01%	0.002%
83	11.750	3468	3471	3476	rVB2	450	391	0.04%	0.005%
84	11.863	3493	3506	3525	rBV	231145	368997	35.55%	5.139%
85	12.078	3570	3573	3577	rVB	238	165	0.02%	0.002%
86	12.480	3689	3698	3708	rBV2	1914	3409	0.33%	0.047%
87	12.667	3754	3756	3762	rVB2	242	192	0.02%	0.003%
88	12.872	3817	3820	3823	rBV2	216	125	0.01%	0.002%
89	13.062	3876	3879	3882	rBV	219	145	0.01%	0.002%
90	13.181	3912	3916	3919	rBV2	216	199	0.02%	0.003%
91	13.339	3962	3965	3968	rVB2	320	182	0.02%	0.003%
92	13.403	3982	3985	3990	rVB	225	165	0.02%	0.002%
93	13.438	3992	3996	4002	rVV	235	241	0.02%	0.003%
94	13.496	4012	4014	4017	rBV2	246	139	0.01%	0.002%
95	13.744	4088	4091	4093	rBV	210	167	0.02%	0.002%
96	13.930	4147	4149	4153	rVB2	317	214	0.02%	0.003%
97	13.950	4153	4155	4159	rVB	240	127	0.01%	0.002%
98	13.979	4159	4164	4165	rBV	226	203	0.02%	0.003%
99	14.091	4196	4199	4203	rBV	261	308	0.03%	0.004%
100	14.281	4250	4258	4268	rVB	1351	1805	0.17%	0.025%

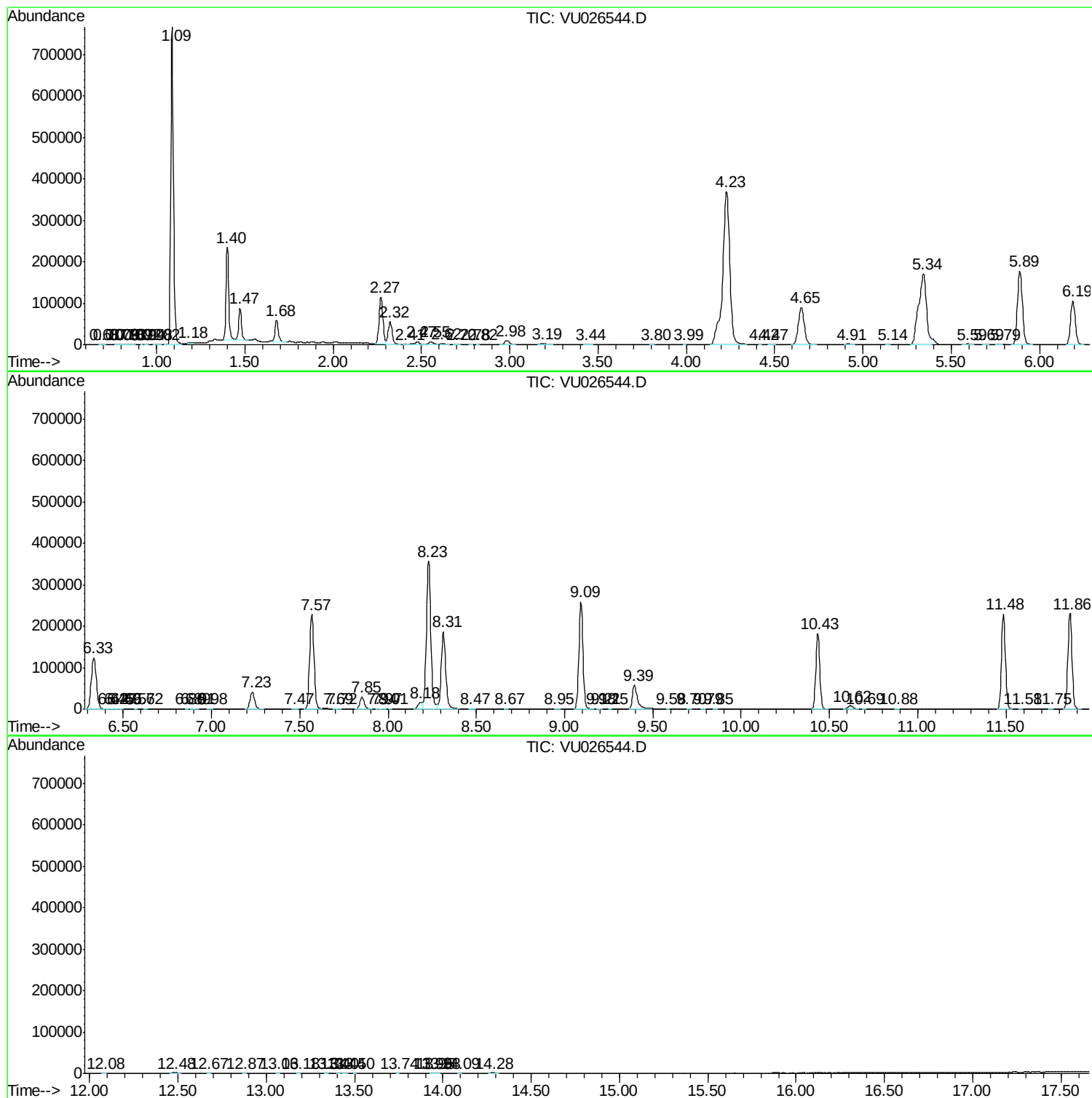
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis

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



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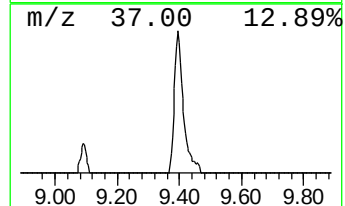
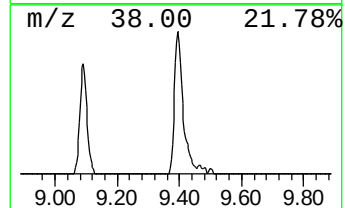
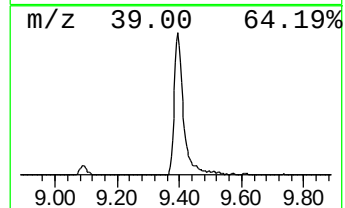
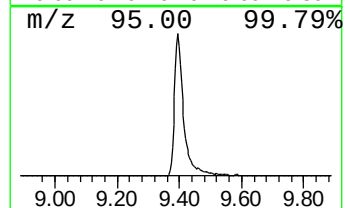
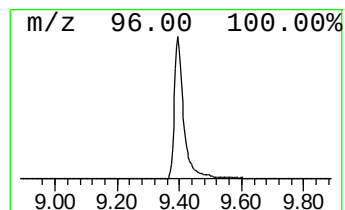
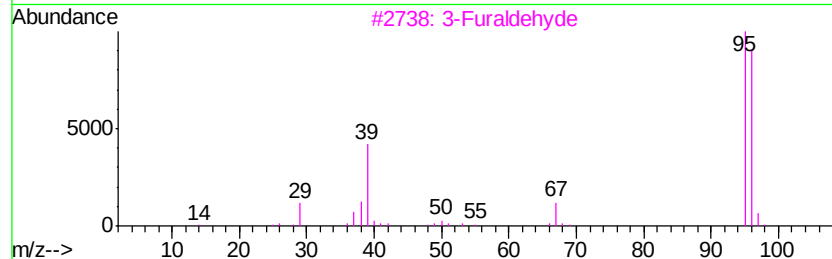
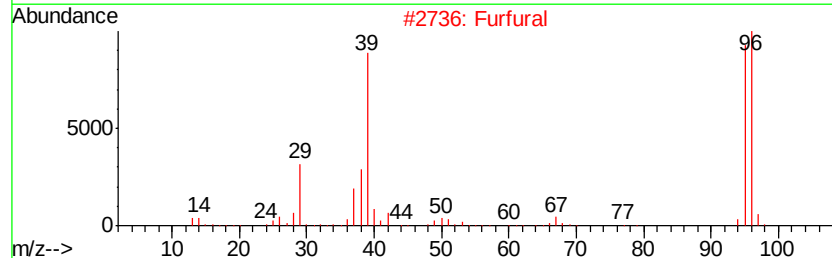
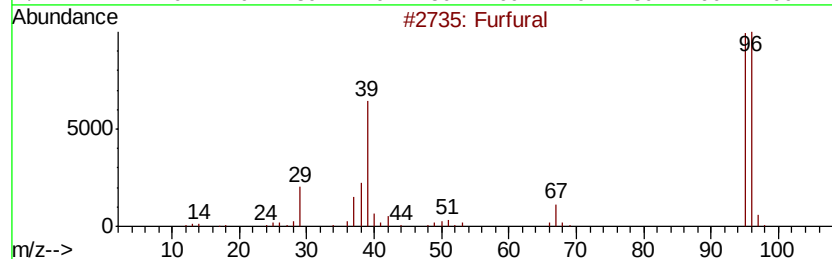
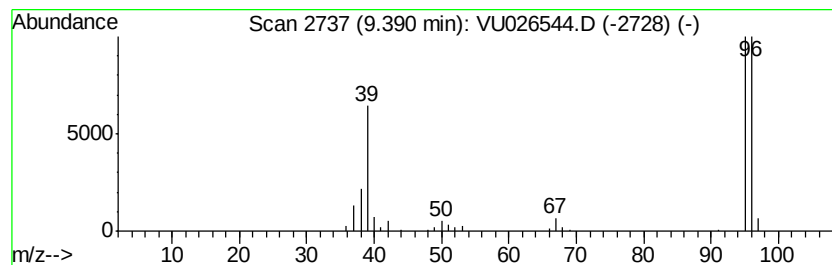
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis

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	13.84 ug/L	114978	Chlorobenzene-d5	9.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furfural		96	C5H4O2	000098-01-1	95
2	Furfural		96	C5H4O2	000098-01-1	94
3	3-Furaldehyde		96	C5H4O2	000498-60-2	91
4	Furfural		96	C5H4O2	000098-01-1	76
5	1H-Imidazole, 1,4-dimethyl-		96	C5H8N2	006338-45-0	74



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Furfural	9.39	13.8	ug/L	114978	2	9.09	415345	50.0