

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090518\
 Data File : VU026566.D
 Acq On : 06 Sep 2018 00:45
 Operator : MD/SY
 Sample : J4718-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEGC7

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	0.745	43	48	51	rBV	206	238	0.05%	0.005%
2	0.828	72	74	78	rBV	125	134	0.03%	0.003%
3	0.893	89	94	97	rBB	137	169	0.03%	0.004%
4	0.912	98	100	102	rBB	137	73	0.01%	0.002%
5	0.947	108	111	115	rBV	139	174	0.04%	0.004%
6	0.986	120	123	126	rBV	160	153	0.03%	0.003%
7	1.085	137	154	171	rBV	317002	352111	71.43%	7.963%
8	1.394	244	250	266	rBV	64758	67024	13.60%	1.516%
9	1.471	269	274	284	rVB	9765	11093	2.25%	0.251%
10	1.677	331	338	357	rVB	56416	72768	14.76%	1.646%
11	2.269	512	522	535	rVB	110870	163982	33.27%	3.708%
12	2.465	581	583	585	rBV	196	114	0.02%	0.003%
13	2.597	620	624	625	rBV2	250	139	0.03%	0.003%
14	2.610	625	628	631	rBV	188	186	0.04%	0.004%
15	2.700	652	656	659	rBV2	313	234	0.05%	0.005%
16	2.748	668	671	672	rBV2	152	69	0.01%	0.002%
17	2.828	695	696	703	rVB2	212	111	0.02%	0.003%
18	2.880	708	712	713	rBV	139	80	0.02%	0.002%
19	2.896	714	717	724	rVB	117	121	0.02%	0.003%
20	3.034	756	760	761	rBV	167	81	0.02%	0.002%
21	3.073	769	772	777	rBV	93	78	0.02%	0.002%
22	3.179	802	805	808	rBV	120	72	0.01%	0.002%
23	3.336	850	854	857	rBV	111	105	0.02%	0.002%
24	3.616	939	941	944	rVB	152	63	0.01%	0.001%
25	3.674	958	959	964	rVB	224	97	0.02%	0.002%
26	4.098	1089	1091	1096	rVB	194	117	0.02%	0.003%
27	4.179	1096	1116	1141	rBV	47424	123403	25.03%	2.791%
28	4.397	1182	1184	1186	rVB	237	96	0.02%	0.002%
29	4.439	1194	1197	1202	rBV	92	82	0.02%	0.002%
30	4.651	1246	1263	1287	rBV2	86069	200694	40.71%	4.539%
31	4.828	1315	1318	1320	rBV	139	106	0.02%	0.002%
32	4.883	1331	1335	1342	rVB3	435	557	0.11%	0.013%
33	4.947	1353	1355	1360	rVB	199	129	0.03%	0.003%
34	5.343	1454	1478	1503	rBV2	167569	492947	100.00%	11.148%

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 Title : VOC Analysis

35	5.490	1522	1524	1528	rVB	136	70	0.01%	0.002%
36	5.889	1632	1648	1678	rBV	193783	375761	76.23%	8.498%
37	6.018	1686	1688	1691	rVB	245	155	0.03%	0.004%
38	6.188	1738	1741	1746	rBV2	355	282	0.06%	0.006%
39	6.265	1762	1765	1771	rVB	92	83	0.02%	0.002%
40	6.333	1773	1786	1808	rBV	119725	234778	47.63%	5.309%
41	6.413	1809	1811	1812	rBV	138	61	0.01%	0.001%
42	6.761	1916	1919	1924	rVB	94	82	0.02%	0.002%
43	6.857	1944	1949	1956	rVB2	402	505	0.10%	0.011%
44	6.953	1977	1979	1983	rBV	74	60	0.01%	0.001%
45	7.230	2053	2065	2089	rBV	59766	103976	21.09%	2.351%
46	7.314	2089	2091	2093	rBV	159	94	0.02%	0.002%
47	7.330	2093	2096	2099	rVB	152	93	0.02%	0.002%
48	7.426	2124	2126	2129	rVV2	138	121	0.02%	0.003%
49	7.455	2133	2135	2137	rBV	121	67	0.01%	0.002%
50	7.568	2156	2170	2188	rBV	217837	370002	75.06%	8.367%
51	7.687	2205	2207	2213	rVB3	295	255	0.05%	0.006%
52	7.719	2214	2217	2221	rVV	180	119	0.02%	0.003%
53	7.851	2246	2258	2278	rVV	42871	71286	14.46%	1.612%
54	7.924	2278	2281	2284	rVB2	268	175	0.04%	0.004%
55	7.953	2286	2290	2299	rBV2	288	348	0.07%	0.008%
56	8.021	2310	2311	2315	rVB	169	120	0.02%	0.003%
57	8.092	2330	2333	2335	rBV	110	75	0.02%	0.002%
58	8.182	2347	2361	2369	rBV2	7716	14484	2.94%	0.328%
59	8.230	2370	2376	2388	rVV2	6372	11490	2.33%	0.260%
60	8.313	2391	2402	2427	rVB	157030	265773	53.92%	6.010%
61	8.481	2451	2454	2456	rBV	245	169	0.03%	0.004%
62	8.500	2458	2460	2463	rVB	135	56	0.01%	0.001%
63	8.600	2488	2491	2494	rBV	166	130	0.03%	0.003%
64	8.683	2514	2517	2519	rVB2	184	101	0.02%	0.002%
65	8.706	2522	2524	2530	rVB	184	85	0.02%	0.002%
66	9.092	2632	2644	2663	rBV	273831	445401	90.35%	10.073%
67	9.214	2679	2682	2684	rBV	160	115	0.02%	0.003%
68	9.252	2691	2694	2696	rBV2	202	145	0.03%	0.003%
69	9.400	2730	2740	2761	rBV2	13128	28324	5.75%	0.641%
70	9.648	2814	2817	2821	rBV2	238	168	0.03%	0.004%
71	9.696	2830	2832	2833	rBV2	126	57	0.01%	0.001%

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 Title : VOC Analysis

72	9.815	2866	2869	2870	rBV2	149	65	0.01%	0.001%
73	9.847	2877	2879	2885	rBV	164	76	0.02%	0.002%
74	9.918	2899	2901	2903	rBV	161	85	0.02%	0.002%
75	10.149	2970	2973	2978	rVV2	192	146	0.03%	0.003%
76	10.346	3030	3034	3036	rBV2	188	143	0.03%	0.003%
77	10.432	3050	3061	3083	rVB	168119	264878	53.73%	5.990%
78	10.609	3108	3116	3129	rVB2	4367	7071	1.43%	0.160%
79	10.725	3149	3152	3155	rBV	231	143	0.03%	0.003%
80	11.018	3241	3243	3245	rBV	119	71	0.01%	0.002%
81	11.085	3261	3264	3267	rVB	189	97	0.02%	0.002%
82	11.394	3358	3360	3365	rBV	160	80	0.02%	0.002%
83	11.442	3371	3375	3376	rBV	148	97	0.02%	0.002%
84	11.484	3376	3388	3413	rVV	248876	385734	78.25%	8.723%
85	11.860	3493	3505	3519	rBV	218377	346283	70.25%	7.831%
86	11.992	3544	3546	3548	rVB2	176	91	0.02%	0.002%
87	12.011	3549	3552	3558	rVB2	220	160	0.03%	0.004%
88	12.059	3565	3567	3570	rVB	220	83	0.02%	0.002%
89	12.085	3571	3575	3581	rBV2	264	301	0.06%	0.007%
90	12.108	3581	3582	3586	rVB	209	97	0.02%	0.002%
91	12.159	3595	3598	3600	rBV	216	105	0.02%	0.002%
92	12.207	3610	3613	3615	rBV	175	98	0.02%	0.002%
93	12.481	3691	3698	3707	rVB4	1552	2566	0.52%	0.058%
94	12.651	3749	3751	3754	rBV2	235	128	0.03%	0.003%
95	12.802	3795	3798	3801	rBV	177	114	0.02%	0.003%
96	12.850	3810	3813	3814	rBV	157	72	0.01%	0.002%
97	13.008	3860	3862	3864	rBV	145	57	0.01%	0.001%
98	13.130	3898	3900	3904	rVB	263	110	0.02%	0.002%
99	13.789	4101	4105	4107	rBV2	159	110	0.02%	0.002%
100	13.921	4143	4146	4150	rBV2	227	198	0.04%	0.004%

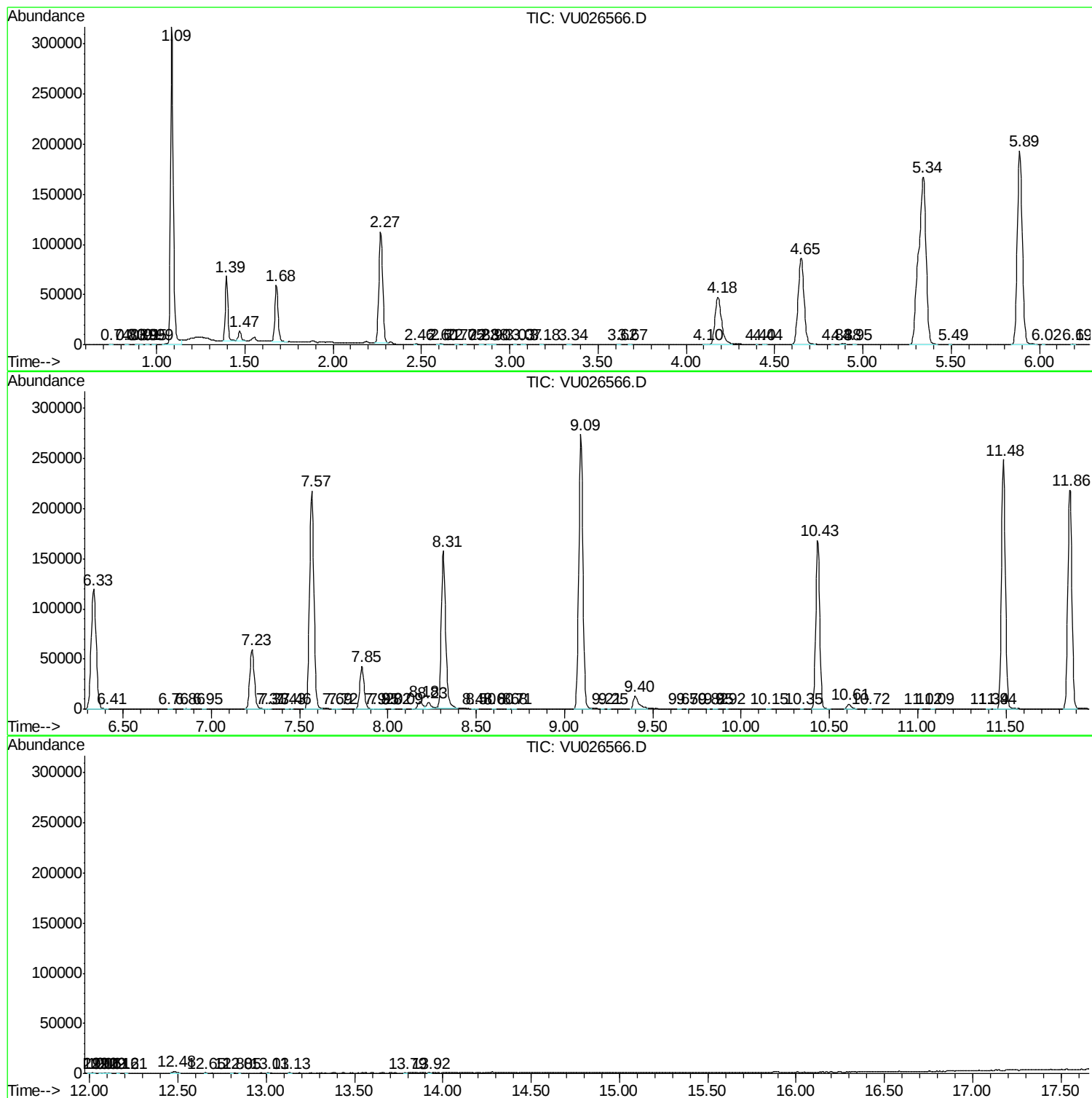
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis

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



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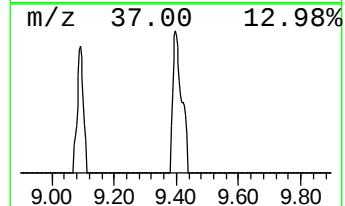
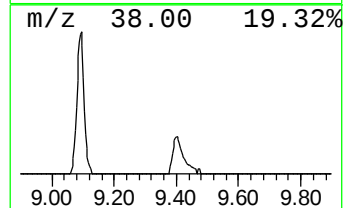
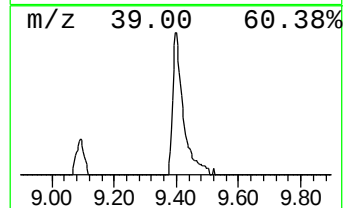
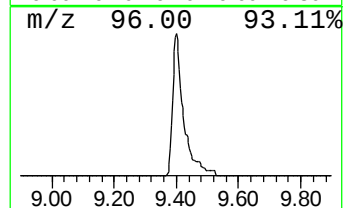
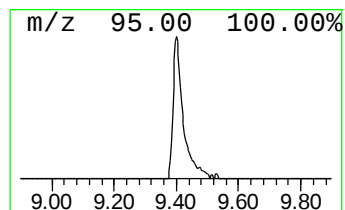
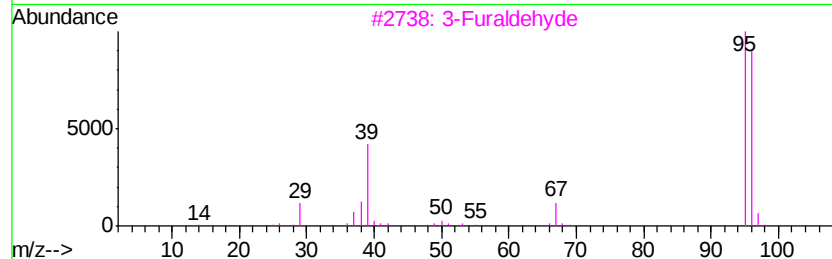
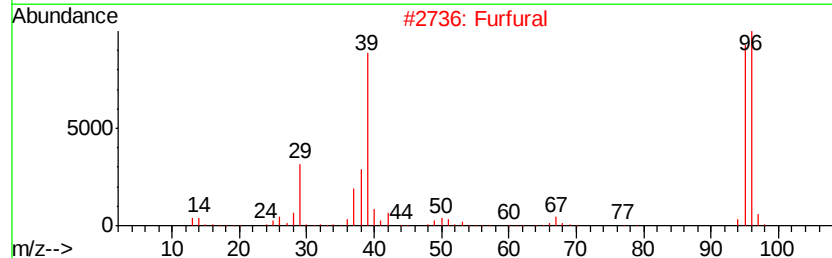
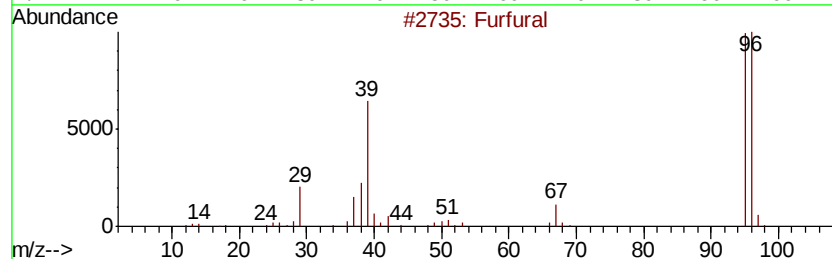
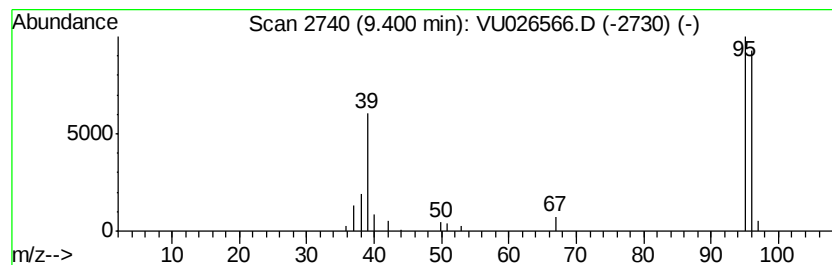
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Furfural Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	3.18 ug/L	28324	Chlorobenzene-d5	9.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furfural		96	C5H4O2	000098-01-1	91
2	Furfural		96	C5H4O2	000098-01-1	91
3	3-Furaldehyde		96	C5H4O2	000498-60-2	83
4	1H-Imidazole, 1,4-dimethyl-		96	C5H8N2	006338-45-0	64
5	Furfural		96	C5H4O2	000098-01-1	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Furfural	9.40	3.2	ug/L	28324	2	9.09	445401	50.0