

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090518\
 Data File : VU026546.D
 Acq On : 05 Sep 2018 15:18
 Operator : MD/SY
 Sample : J4694-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE40

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	0.625	8	11	16	rBB	141	169	0.01%	0.002%
2	0.670	23	25	28	rBV	147	124	0.00%	0.001%
3	0.760	49	53	56	rBB	175	158	0.01%	0.002%
4	0.789	56	62	65	rBV	163	230	0.01%	0.002%
5	0.886	90	92	94	rBV	150	106	0.00%	0.001%
6	0.953	109	113	115	rBB	168	141	0.01%	0.001%
7	0.995	119	126	129	rVB2	173	281	0.01%	0.003%
8	1.030	134	137	138	rBV	156	111	0.00%	0.001%
9	1.088	138	155	175	rBV	226990	255696	9.46%	2.600%
10	1.400	245	252	264	rBV2	101034	114905	4.25%	1.168%
11	1.680	332	339	353	rVB	54901	71197	2.63%	0.724%
12	2.272	513	523	533	rBV	109550	165836	6.13%	1.686%
13	2.323	533	539	551	rVB	7912	12461	0.46%	0.127%
14	2.400	560	563	568	rVB	224	128	0.00%	0.001%
15	2.448	574	578	579	rBV	318	252	0.01%	0.003%
16	2.477	580	587	598	rVB2	3065	4372	0.16%	0.044%
17	2.535	602	605	606	rBV	262	159	0.01%	0.002%
18	2.558	607	612	625	rVB4	1088	1615	0.06%	0.016%
19	2.616	626	630	634	rBV2	356	430	0.02%	0.004%
20	2.702	653	657	662	rBV3	470	505	0.02%	0.005%
21	2.792	681	685	692	rVB4	595	594	0.02%	0.006%
22	2.870	704	709	711	rBV	148	172	0.01%	0.002%
23	2.927	723	727	730	rBV2	169	168	0.01%	0.002%
24	2.985	734	745	758	rVB	12173	21519	0.80%	0.219%
25	3.124	786	788	794	rVB2	177	137	0.01%	0.001%
26	3.436	873	885	899	rVB3	4719	10082	0.37%	0.103%
27	4.230	1102	1132	1168	rBV2	663186	1711314	63.28%	17.401%
28	4.403	1185	1186	1191	rVB	249	129	0.00%	0.001%
29	4.435	1193	1196	1198	rBV	175	86	0.00%	0.001%
30	4.651	1246	1263	1286	rBV2	89993	214413	7.93%	2.180%
31	4.905	1332	1342	1343	rBV3	1098	1236	0.05%	0.013%
32	4.998	1362	1371	1373	rBV3	1904	2509	0.09%	0.026%
33	5.043	1381	1385	1390	rBV	226	322	0.01%	0.003%
34	5.188	1427	1430	1435	rBV	91	88	0.00%	0.001%

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 Title : VOC Analysis

35	5.342	1455	1478	1492	rBV2	176307	532778	19.70%	5.418%
36	5.889	1633	1648	1665	rBV	190573	363855	13.45%	3.700%
37	6.188	1725	1741	1770	rBV	1446866	2704253	100.00%	27.498%
38	6.336	1773	1787	1808	rVB	126017	251961	9.32%	2.562%
39	6.429	1813	1816	1819	rBV2	174	130	0.00%	0.001%
40	6.468	1824	1828	1829	rBV2	167	98	0.00%	0.001%
41	6.532	1845	1848	1849	rBV	153	88	0.00%	0.001%
42	6.812	1931	1935	1938	rBV	243	239	0.01%	0.002%
43	6.921	1964	1969	1972	rBV	139	126	0.00%	0.001%
44	6.982	1986	1988	1991	rVB	184	102	0.00%	0.001%
45	7.004	1991	1995	1999	rBV	85	93	0.00%	0.001%
46	7.078	2013	2018	2020	rBV	194	217	0.01%	0.002%
47	7.104	2022	2026	2030	rVB2	155	111	0.00%	0.001%
48	7.230	2054	2065	2086	rBV	43654	76446	2.83%	0.777%
49	7.484	2142	2144	2150	rVB	185	101	0.00%	0.001%
50	7.567	2156	2170	2188	rBV	232913	401888	14.86%	4.087%
51	7.709	2212	2214	2218	rVB2	297	152	0.01%	0.002%
52	7.741	2220	2224	2229	rBV2	246	228	0.01%	0.002%
53	7.815	2243	2247	2249	rBV	144	88	0.00%	0.001%
54	7.853	2249	2259	2274	rVV	30997	51080	1.89%	0.519%
55	7.937	2281	2285	2288	rBV2	325	256	0.01%	0.003%
56	7.972	2292	2296	2297	rBV2	218	131	0.00%	0.001%
57	8.184	2349	2362	2364	rBV2	18132	26303	0.97%	0.267%
58	8.230	2365	2376	2391	rVV	537871	909794	33.64%	9.251%
59	8.313	2392	2402	2434	rVB	166562	290754	10.75%	2.957%
60	8.464	2446	2449	2452	rBV2	292	182	0.01%	0.002%
61	8.532	2468	2470	2478	rVB	225	151	0.01%	0.002%
62	8.786	2546	2549	2554	rVB2	162	135	0.00%	0.001%
63	8.815	2554	2558	2560	rVB2	148	104	0.00%	0.001%
64	8.911	2585	2588	2591	rBV2	155	116	0.00%	0.001%
65	8.956	2599	2602	2605	rVB2	188	116	0.00%	0.001%
66	9.091	2632	2644	2662	rBV	274925	440022	16.27%	4.474%
67	9.220	2682	2684	2689	rVB2	266	171	0.01%	0.002%
68	9.255	2693	2695	2699	rVV	207	120	0.00%	0.001%
69	9.393	2728	2738	2769	rBV	67659	134940	4.99%	1.372%
70	9.750	2846	2849	2855	rVB2	212	163	0.01%	0.002%
71	9.783	2858	2859	2865	rVB2	178	96	0.00%	0.001%

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 Title : VOC Analysis

72	9.808	2865	2867	2870	rBV	183	111	0.00%	0.001%
73	10.014	2929	2931	2938	rBV	97	96	0.00%	0.001%
74	10.094	2953	2956	2964	rVB	168	158	0.01%	0.002%
75	10.149	2971	2973	2978	rVB	215	129	0.00%	0.001%
76	10.172	2978	2980	2982	rBV	155	86	0.00%	0.001%
77	10.435	3050	3062	3077	rBV	177771	281474	10.41%	2.862%
78	10.615	3106	3118	3130	rVB	6070	10705	0.40%	0.109%
79	10.673	3133	3136	3138	rBV	185	115	0.00%	0.001%
80	10.808	3177	3178	3184	rVB	205	102	0.00%	0.001%
81	10.882	3195	3201	3206	rVB2	323	367	0.01%	0.004%
82	11.487	3377	3389	3406	rBV	247091	381157	14.09%	3.876%
83	11.596	3420	3423	3428	rBV2	165	130	0.00%	0.001%
84	11.635	3432	3435	3439	rBV	129	112	0.00%	0.001%
85	11.657	3439	3442	3445	rBV	153	112	0.00%	0.001%
86	11.680	3447	3449	3452	rBV	188	116	0.00%	0.001%
87	11.863	3493	3506	3530	rBV	235672	376205	13.91%	3.825%
88	11.979	3539	3542	3546	rBV2	187	180	0.01%	0.002%
89	12.480	3690	3698	3705	rBV2	1083	1805	0.07%	0.018%
90	12.879	3820	3822	3826	rVB	185	108	0.00%	0.001%
91	13.236	3930	3933	3935	rBV	209	105	0.00%	0.001%
92	13.342	3961	3966	3967	rBV	248	192	0.01%	0.002%
93	13.429	3991	3993	3996	rVB	239	115	0.00%	0.001%
94	13.474	4004	4007	4012	rBV3	233	239	0.01%	0.002%
95	13.631	4053	4056	4059	rBV	244	190	0.01%	0.002%
96	13.728	4078	4086	4091	rVB	283	391	0.01%	0.004%
97	13.769	4097	4099	4102	rVV2	323	163	0.01%	0.002%
98	13.798	4105	4108	4112	rBV	195	158	0.01%	0.002%
99	13.888	4134	4136	4138	rBV	161	96	0.00%	0.001%
100	14.329	4271	4273	4278	rBV2	268	168	0.01%	0.002%

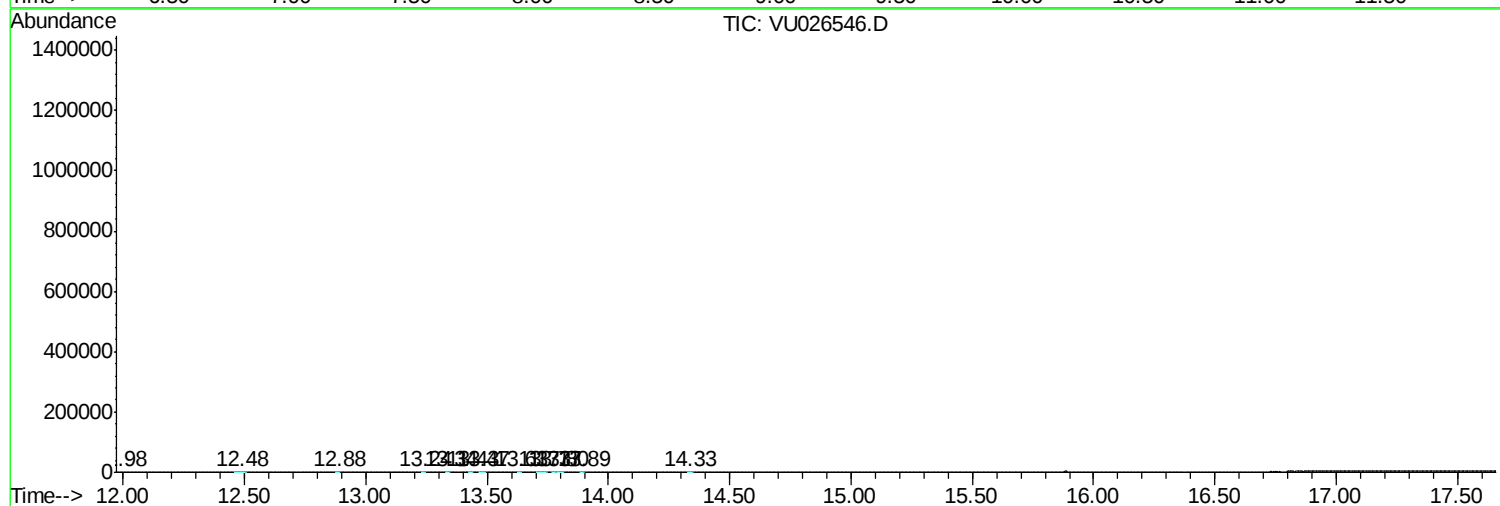
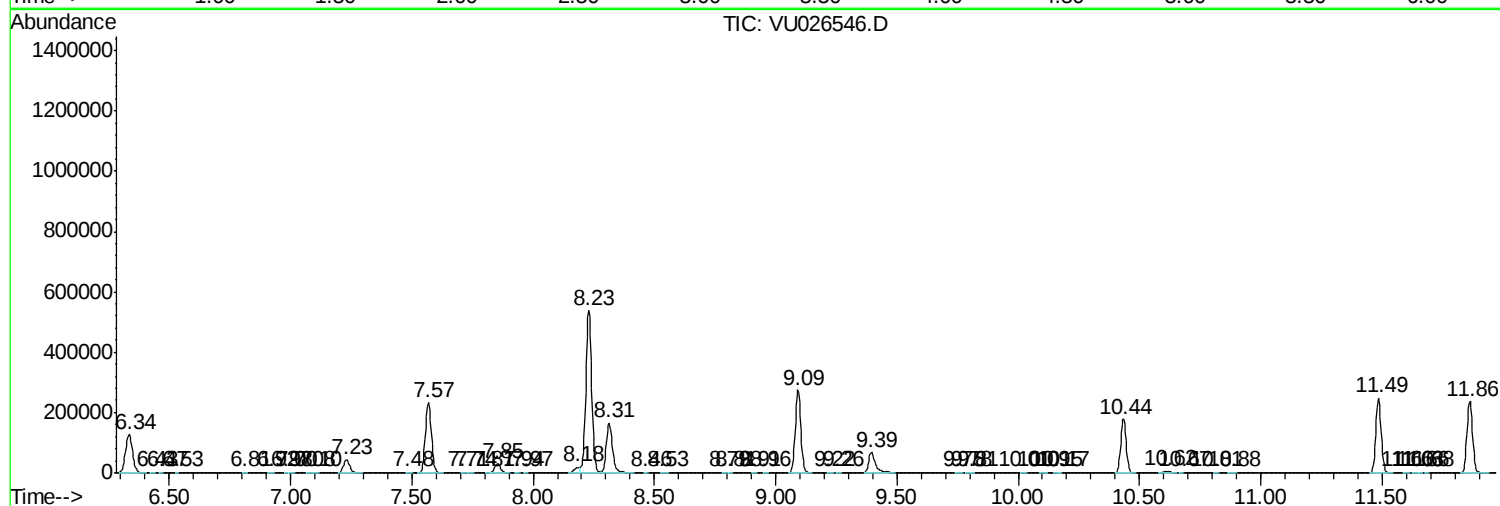
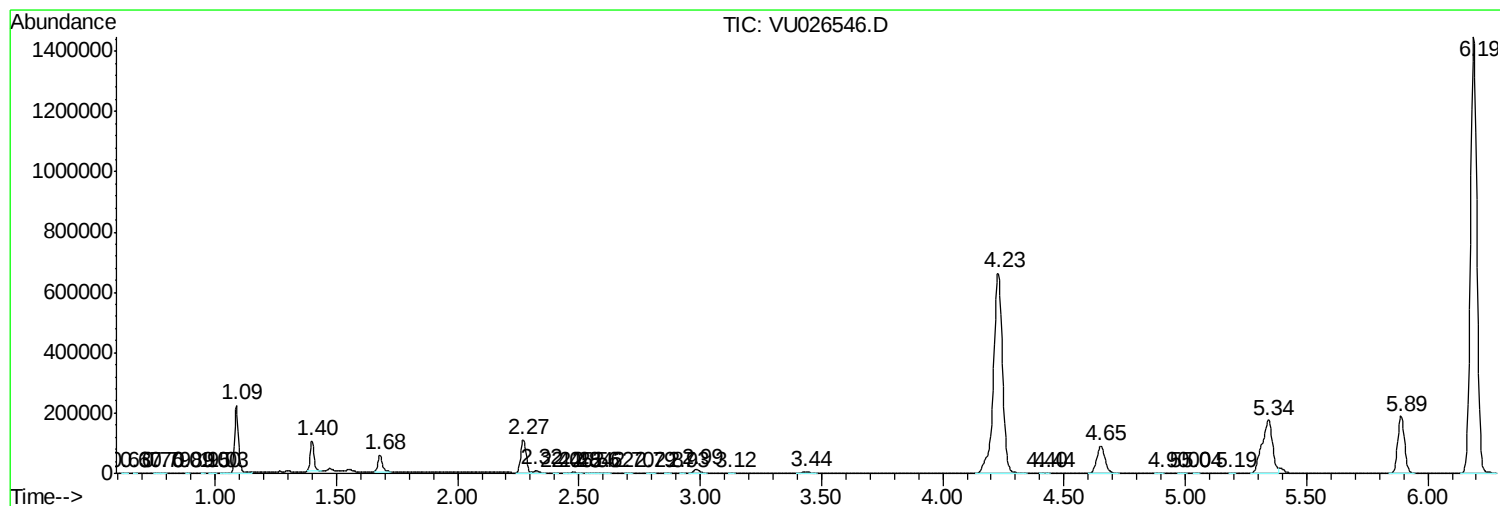
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis

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



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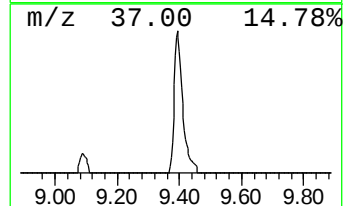
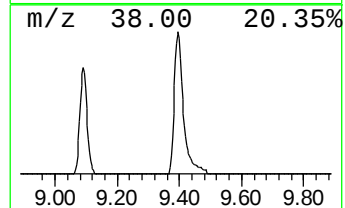
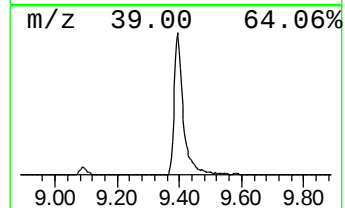
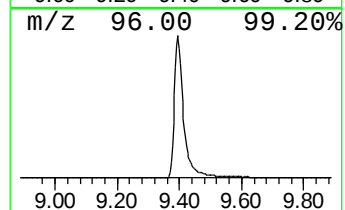
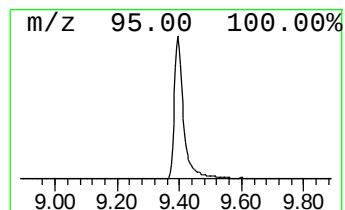
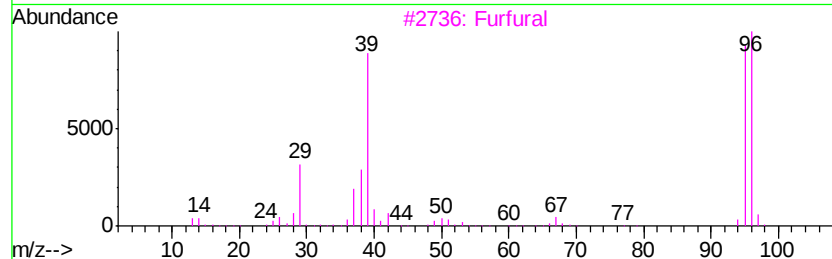
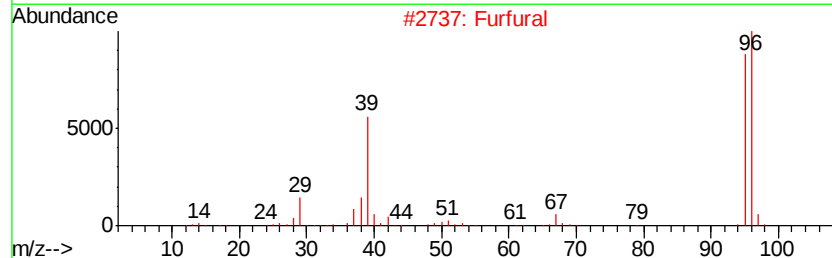
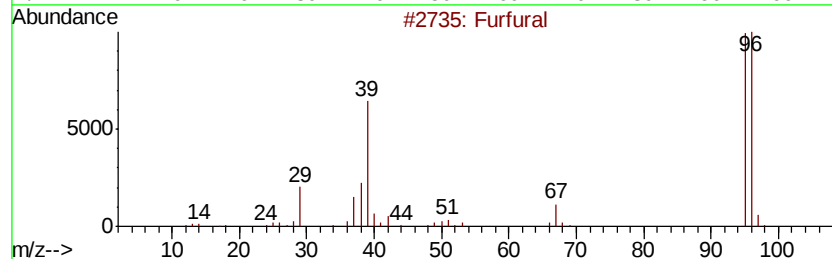
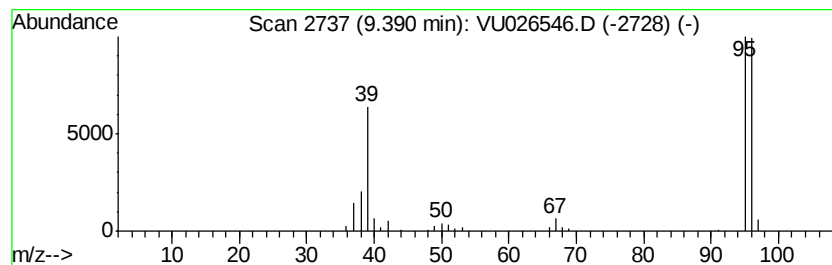
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Furfural Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	15.33 ug/L	134940	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	Furfural		96	C5H4O2	000098-01-1	94
4	3-Furaldehyde		96	C5H4O2	000498-60-2	91
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	15.3	ug/L	134940	2	9.09	440022	50.0