

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090518\
 Data File : VU026554.D
 Acq On : 05 Sep 2018 20:05
 Operator : MD/SY
 Sample : J4694-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE29

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	0.828	69	74	77	rBV	148	189	0.04%	0.003%
2	1.085	136	154	169	rBV	414817	461734	88.01%	8.486%
3	1.326	224	229	238	rVB	20686	21100	4.02%	0.388%
4	1.394	244	250	264	rBV	57315	61406	11.70%	1.128%
5	1.471	269	274	281	rVB	10900	11648	2.22%	0.214%
6	1.677	331	338	354	rVB	52142	68327	13.02%	1.256%
7	2.269	512	522	531	rBV	97942	145427	27.72%	2.673%
8	2.323	531	539	557	rVB	32458	52676	10.04%	0.968%
9	2.410	557	566	573	rBV2	3758	5367	1.02%	0.099%
10	2.474	580	586	598	rVB2	2640	4189	0.80%	0.077%
11	2.551	600	610	624	rBV2	5168	10130	1.93%	0.186%
12	2.699	650	656	664	rVV3	732	1100	0.21%	0.020%
13	2.828	690	696	697	rBV2	594	529	0.10%	0.010%
14	2.879	708	712	718	rBV2	469	550	0.10%	0.010%
15	2.941	725	731	734	rBV2	325	415	0.08%	0.008%
16	2.982	740	744	751	rVB5	848	1028	0.20%	0.019%
17	3.047	761	764	767	rBV	216	146	0.03%	0.003%
18	3.066	768	770	774	rVV	186	141	0.03%	0.003%
19	3.188	799	808	819	rVB3	1550	3196	0.61%	0.059%
20	3.584	927	931	934	rBV2	165	116	0.02%	0.002%
21	3.712	968	971	977	rVB2	171	179	0.03%	0.003%
22	3.822	1000	1005	1012	rVB	116	168	0.03%	0.003%
23	3.870	1016	1020	1022	rBV	192	181	0.03%	0.003%
24	3.998	1056	1060	1062	rBV	189	128	0.02%	0.002%
25	4.098	1083	1091	1092	rBV	299	346	0.07%	0.006%
26	4.178	1101	1116	1139	rBV	50746	149960	28.58%	2.756%
27	4.465	1202	1205	1209	rBV2	157	137	0.03%	0.003%
28	4.648	1245	1262	1286	rBV	88259	204818	39.04%	3.764%
29	5.002	1360	1372	1380	rVB5	1880	3492	0.67%	0.064%
30	5.082	1392	1397	1399	rBV2	175	169	0.03%	0.003%
31	5.117	1405	1408	1412	rVB2	209	187	0.04%	0.003%
32	5.204	1432	1435	1439	rVB	195	155	0.03%	0.003%
33	5.342	1453	1478	1491	rBV2	174631	524645	100.00%	9.642%
34	5.474	1516	1519	1524	rVB2	192	143	0.03%	0.003%

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 Title : VOC Analysis

35	5.593	1547	1556	1566	rBV4	1638	3126	0.60%	0.057%
36	5.667	1577	1579	1592	rVB	190	140	0.03%	0.003%
37	5.783	1603	1615	1616	rBV3	1227	1625	0.31%	0.030%
38	5.889	1634	1648	1672	rVV	205370	394492	75.19%	7.250%
39	6.191	1732	1742	1752	rVB3	4485	8031	1.53%	0.148%
40	6.333	1772	1786	1808	rBV	123400	244459	46.60%	4.493%
41	6.432	1808	1817	1826	rBV3	1098	1955	0.37%	0.036%
42	6.538	1847	1850	1854	rVB2	271	233	0.04%	0.004%
43	6.847	1943	1946	1947	rBV2	331	151	0.03%	0.003%
44	6.857	1947	1949	1953	rVB	509	301	0.06%	0.006%
45	7.230	2054	2065	2084	rVB	37990	65584	12.50%	1.205%
46	7.468	2132	2139	2150	rVB4	1789	2855	0.54%	0.052%
47	7.567	2156	2170	2188	rBV	228088	391663	74.65%	7.198%
48	7.645	2188	2194	2207	rVB5	1405	2921	0.56%	0.054%
49	7.850	2248	2258	2273	rBV	26961	45174	8.61%	0.830%
50	7.963	2289	2293	2297	rBV	260	301	0.06%	0.006%
51	8.181	2346	2361	2365	rBV2	9299	15646	2.98%	0.288%
52	8.230	2365	2376	2390	rVV	248203	421053	80.25%	7.738%
53	8.313	2391	2402	2435	rVB	165094	294589	56.15%	5.414%
54	8.471	2446	2451	2462	rVB4	1520	2127	0.41%	0.039%
55	8.522	2464	2467	2473	rBV2	431	494	0.09%	0.009%
56	8.625	2492	2499	2501	rBV2	222	274	0.05%	0.005%
57	8.725	2526	2530	2533	rBV2	225	161	0.03%	0.003%
58	9.091	2631	2644	2670	rBV	293312	475246	90.58%	8.734%
59	9.185	2670	2673	2676	rVB2	216	157	0.03%	0.003%
60	9.294	2702	2707	2714	rVB4	712	961	0.18%	0.018%
61	9.394	2726	2738	2770	rBV	129827	249160	47.49%	4.579%
62	9.583	2794	2797	2800	rBV	204	110	0.02%	0.002%
63	9.664	2819	2822	2824	rBV	208	118	0.02%	0.002%
64	9.715	2836	2838	2841	rBV	196	122	0.02%	0.002%
65	9.818	2865	2870	2876	rBV	393	516	0.10%	0.009%
66	9.924	2898	2903	2906	rBV3	802	990	0.19%	0.018%
67	10.024	2930	2934	2935	rBV	240	144	0.03%	0.003%
68	10.098	2955	2957	2958	rBV	470	209	0.04%	0.004%
69	10.178	2976	2982	2988	rVB2	285	352	0.07%	0.006%
70	10.313	3020	3024	3027	rVB2	215	149	0.03%	0.003%
71	10.432	3049	3061	3081	rVB	173736	275829	52.57%	5.069%

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 Title : VOC Analysis

72	10.551	3096	3098	3101	rBV	217	168	0.03%	0.003%
73	10.612	3106	3117	3130	rBV	5431	9581	1.83%	0.176%
74	10.760	3158	3163	3170	rBV2	179	218	0.04%	0.004%
75	10.808	3172	3178	3182	rVB3	535	545	0.10%	0.010%
76	10.886	3194	3202	3205	rBV2	537	719	0.14%	0.013%
77	10.921	3205	3213	3219	rVB5	1166	1766	0.34%	0.032%
78	11.011	3238	3241	3245	rBV	148	136	0.03%	0.002%
79	11.037	3246	3249	3253	rVV2	254	210	0.04%	0.004%
80	11.082	3255	3263	3269	rVV2	2190	2821	0.54%	0.052%
81	11.143	3274	3282	3295	rVB5	1705	3315	0.63%	0.061%
82	11.255	3315	3317	3324	rVB2	496	492	0.09%	0.009%
83	11.323	3327	3338	3352	rBV6	2741	5303	1.01%	0.097%
84	11.484	3376	3388	3410	rBV	258389	405709	77.33%	7.456%
85	11.586	3416	3420	3422	rBV4	678	673	0.13%	0.012%
86	11.654	3440	3441	3445	rVB2	432	226	0.04%	0.004%
87	11.747	3464	3470	3480	rVV3	1332	2065	0.39%	0.038%
88	11.789	3480	3483	3486	rVB2	270	144	0.03%	0.003%
89	11.860	3493	3505	3528	rBV	230320	363009	69.19%	6.671%
90	12.477	3688	3697	3709	rVB3	2464	4267	0.81%	0.078%
91	12.574	3722	3727	3734	rVB4	1399	1624	0.31%	0.030%
92	12.837	3806	3809	3813	rVB	213	123	0.02%	0.002%
93	13.156	3906	3908	3911	rBV	201	115	0.02%	0.002%
94	13.471	4004	4006	4010	rVB	340	191	0.04%	0.004%
95	13.564	4032	4035	4042	rVB2	289	281	0.05%	0.005%
96	13.609	4046	4049	4050	rBV	213	129	0.02%	0.002%
97	13.847	4120	4123	4128	rVB2	304	228	0.04%	0.004%
98	14.082	4194	4196	4198	rBV2	259	130	0.02%	0.002%
99	14.278	4252	4257	4265	rVB2	1105	1477	0.28%	0.027%
100	16.220	4859	4861	4863	rBV2	392	220	0.04%	0.004%

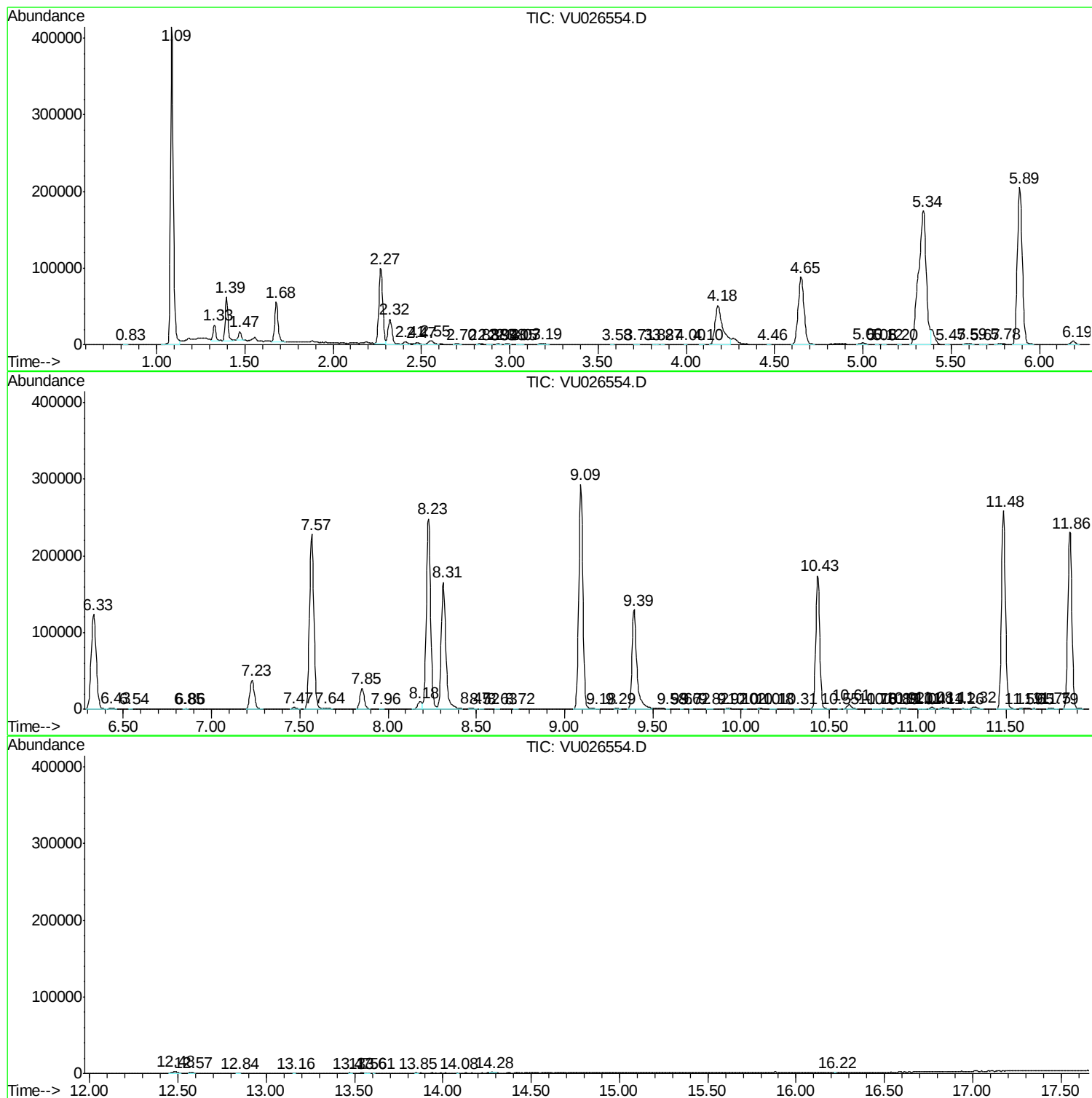
Sum of corrected areas: 5441425

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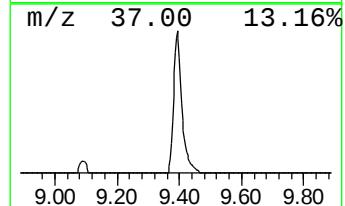
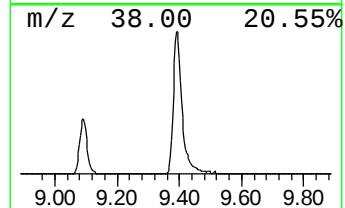
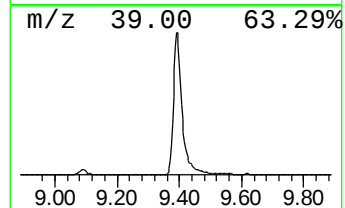
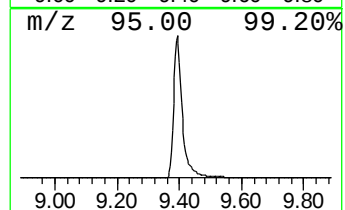
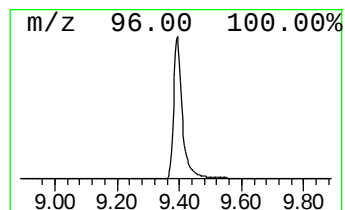
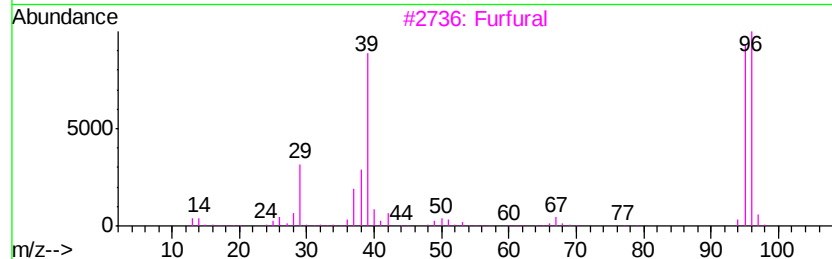
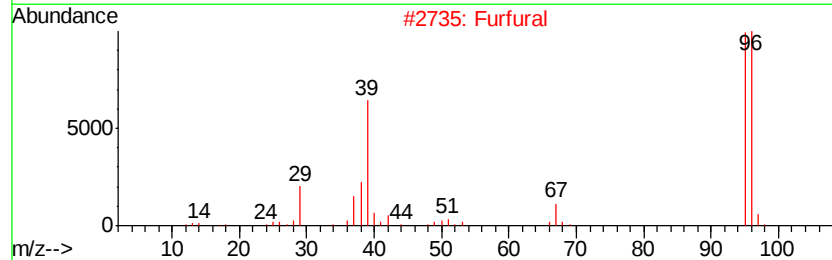
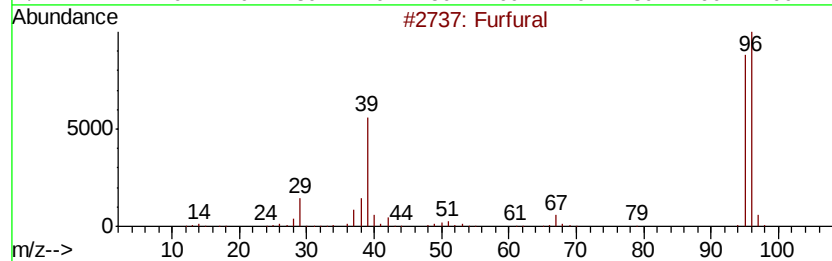
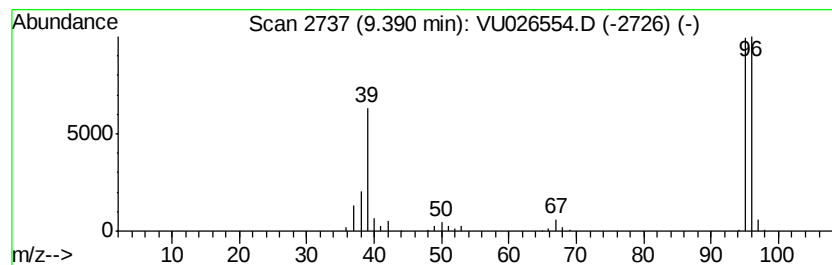
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis

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	26.21 ug/L	249160	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	95
4		3(2H)-Pyridazinone	96	C4H4N2O	000504-30-3	58
5		3-Furaldehyde	96	C5H4O2	000498-60-2	52



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Furfural	9.39	26.2	ug/L	249160	2	9.09	475246	50.0