LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090518\
Data File : VU026547.D
Acq On : 05 Sep 2018 15:42
Operator : MD/SY
Sample : J4694-19
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BEE39

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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	0.812	63	69	71	rBV	129	180	0.00%	0.001%
2	0.844	75	79	80	rBV	155	105	0.00%	0.001%
3	0.892	92	94	96	rBB	159	82	0.00%	0.001%
4	0.944	105	110	112	rBV	147	172	0.00%	0.001%
5	0.986	121	123	125	rVB	255	120	0.00%	0.001%
6	1.002	125	128	131	rBV2	232	175	0.00%	0.001%
7	1.037	136	139	140	rBV2	139	85	0.00%	0.001%
8	1.089	140	155	173	rBV	211346	238410	6.33%	1.779%
9	1.400	245	252	263	rBV2	135195	144854	3.85%	1.081%
10	1.680	332	339	353	rVB	53543	71844	1.91%	0.536%
11	2.272	512	523	533	rBV	101919	155409	4.13%	1.160%
12	2.323	533	539	552	rVB	14982	23353	0.62%	0.174%
13	2.548	606	609	611	rBV	302	238	0.01%	0.002%
14	2.625	625	633	640	rVB2	276	537	0.01%	0.004%
15	2.703	651	657	664	rBV4	908	1088	0.03%	0.008%
16	2.828	687	696	702	rBV4	760	1291	0.03%	0.010%
17	2.982	734	744	759	rBV	18223	33221	0.88%	0.248%
18	3.439	875	886	887	rBV3	1969	2578	0.07%	0.019%
19	3.777	988	991	997	rBV	93	94	0.00%	0.001%
20	4.227	1103	1131	1162	rBV	1428154	3529324	93.71%	26.340%
21	4.442	1196	1198	1201	rVB	311	177	0.00%	0.001%
22	4.503	1214	1217	1219	rVB	276	122	0.00%	0.001%
23	4.519	1219	1222	1225	rBV	238	110	0.00%	0.001%
24	4.535	1225	1227	1229	rBV	118	77	0.00%	0.001%
25	4.648	1246	1262	1289	rBV	93412	219816	5.84%	1.641%
26	4.892	1332	1338	1339	rBV3	509	441	0.01%	0.003%
27	4.998	1366	1371	1379	rVB4	456	585	0.02%	0.004%
28	5.342	1454	1478	1492	rBV2	173324	524212	13.92%	3.912%
29	5.465	1514	1516	1517	rBV	229	109	0.00%	0.001%
30	5.477	1518	1520	1523	rVB	306	147	0.00%	0.001%
31	5.503	1523	1528	1532	rBV	176	102	0.00%	0.001%
32	5.571	1547	1549	1552	rVB	156	88	0.00%	0.001%
33	5.664	1576	1578	1584	rVB2	170	119	0.00%	0.001%
34	5.889	1634	1648	1672	rBV	186563	358508	9.52%	2.676%

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ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Peak separation: 5

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

35	6.040	1692	1695	1697	rBV	121	92	0.00%	0.001%
36	6.066	1700	1703	1709	rVB3	293	212	0.01%	0.002%
37	6.095	1709	1712	1716	rBV	116	77	0.00%	0.001%
38	6.188	1725	1741	1766	rBV	2005058	3766029	100.00%	28.107%
39	6.333	1773	1786	1807	rVB	125747	249126	6.62%	1.859%
40	6.429	1814	1816	1818	rVB	319	129	0.00%	0.001%
41	6.461	1823	1826	1829	rBV3	298	155	0.00%	0.001%
42	6.545	1848	1852	1855	rBV	105	97	0.00%	0.001%
43	6.600	1867	1869	1871	rVV	181	75	0.00%	0.001%
44	6.760	1916	1919	1922	rVB	176	82	0.00%	0.001%
45	6.834	1940	1942	1948	rVB	194	104	0.00%	0.001%
46	6.860	1948	1950	1952	rVB	168	88	0.00%	0.001%
47	7.046	2006	2008	2012	rBV	139	73	0.00%	0.001%
48	7.230	2054	2065	2081	rBV	43750	75529	2.01%	0.564%
49	7.384	2110	2113	2114	rBV	263	175	0.00%	0.001%
50	7.471	2137	2140	2141	rBV	143	82	0.00%	0.001%
51	7.567	2157	2170	2187	rBV	231348	396539	10.53%	2.959%
52	7.696	2206	2210	2212	rBV2	321	235	0.01%	0.002%
53	7.854	2249	2259	2272	rBV	29979	50107	1.33%	0.374%
54	8.011	2306	2308	2310	rBV2	142	78	0.00%	0.001%
55	8.230	2348	2376	2391	rBV	950148	1616317	42.92%	12.063%
56	8.313	2392	2402	2429	rVB	170503	290713	7.72%	2.170%
57	8.448	2442	2444	2448	rVV2	218	119	0.00%	0.001%
58	8.471	2449	2451	2455	rVB	288	152	0.00%	0.001%
59	8.542	2471	2473	2477	rVB	189	76	0.00%	0.001%
60	8.937	2593	2596	2603	rVB	85	83	0.00%	0.001%
61	9.091	2631	2644	2667	rBV	268325	436917	11.60%	3.261%
62	9.220	2681	2684	2686	rBV	246	97	0.00%	0.001%
63	9.394	2728	2738	2778	rBV	86233	168476	4.47%	1.257%
64	9.609	2802	2805	2808	rBV2	218	152	0.00%	0.001%
65	9.644	2813	2816	2821	rVB	197	146	0.00%	0.001%
66	9.783	2855	2859	2862	rBV2	240	189	0.01%	0.001%
67	10.432	3049	3061	3075	rBV	176193	277484	7.37%	2.071%
68	10.612	3106	3117	3132	rBV2	5329	9533	0.25%	0.071%
69	11.310	3330	3334	3337	rBV2	393	372	0.01%	0.003%
70	11.377	3353	3355	3359	rBV2	196	191	0.01%	0.001%
71	11.484	3376	3388	3404	rBV	241828	374292	9.94%	2.793%

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

72	11.638	3434	3436	3440	rVB	252	105	0.00%	0.001%
73	11.712	3453	3459	3465	rVB2	253	276	0.01%	0.002%
74	11.754	3469	3472	3476	rBV2	344	274	0.01%	0.002%
75	11.863	3494	3506	3527	rBV	232023	370505	9.84%	2.765%
76	12.066	3566	3569	3571	rBV2	174	148	0.00%	0.001%
77	12.191	3606	3608	3612	rBV	194	113	0.00%	0.001%
78	12.355	3655	3659	3662	rVB2	258	156	0.00%	0.001%
79	12.445	3684	3687	3689	rBV	175	118	0.00%	0.001%
80	12.477	3690	3697	3707	rVB2	1184	2202	0.06%	0.016%
81	12.638	3745	3747	3751	rVV2	172	124	0.00%	0.001%
82	12.660	3751	3754	3759	rVB	313	193	0.01%	0.001%
83	12.718	3769	3772	3773	rBV	164	98	0.00%	0.001%
84	12.934	3834	3839	3845	rBV2	303	361	0.01%	0.003%
85	13.008	3860	3862	3865	rVV2	226	110	0.00%	0.001%
86	13.037	3869	3871	3876	rVB	153	82	0.00%	0.001%
87	13.062	3876	3879	3884	rVB	233	146	0.00%	0.001%
88	13.149	3903	3906	3909	rBV	203	145	0.00%	0.001%
89	13.197	3919	3921	3928	rVB	253	175	0.00%	0.001%
90	13.226	3928	3930	3936	rBV	229	154	0.00%	0.001%
91	13.390	3978	3981	3983	rBV	175	121	0.00%	0.001%
92	13.435	3992	3995	3999	rVB	208	108	0.00%	0.001%
93	13.471	4005	4006	4009	rVB	290	103	0.00%	0.001%
94	13.487	4009	4011	4013	rBV	257	128	0.00%	0.001%
95	13.693	4072	4075	4076	rBV	188	102	0.00%	0.001%
96	13.702	4076	4078	4079	rVV	220	89	0.00%	0.001%
97	13.744	4088	4091	4093	rBV	192	103	0.00%	0.001%
98	13.802	4105	4109	4111	rBV2	276	164	0.00%	0.001%
99	13.818	4111	4114	4118	rBV	201	215	0.01%	0.002%
100	14.098	4198	4201	4202	rBV2	248	142	0.00%	0.001%

Sum of corrected areas: 13398926

LSC Report - Integrated Chromatogram

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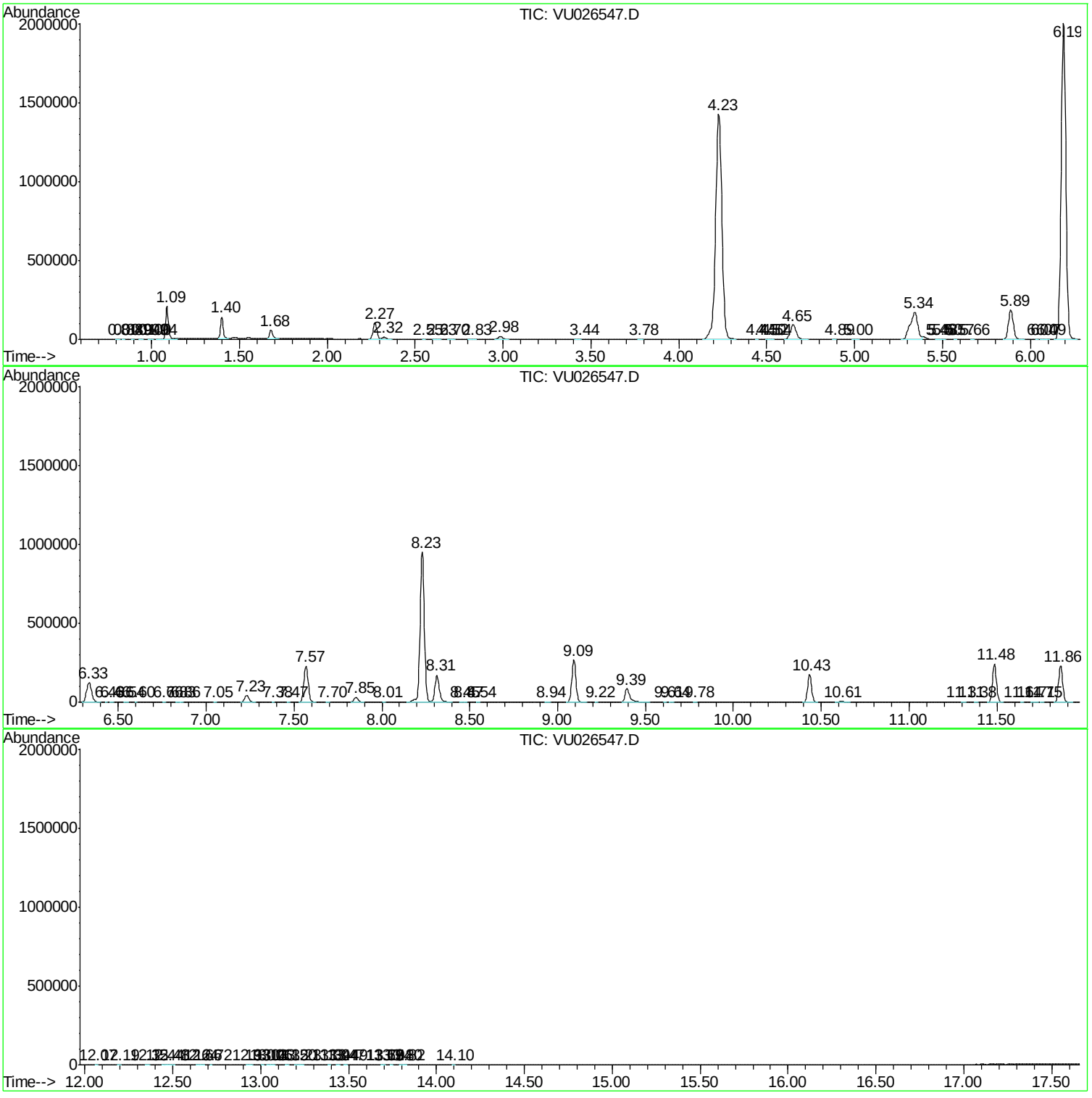
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BEE39

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

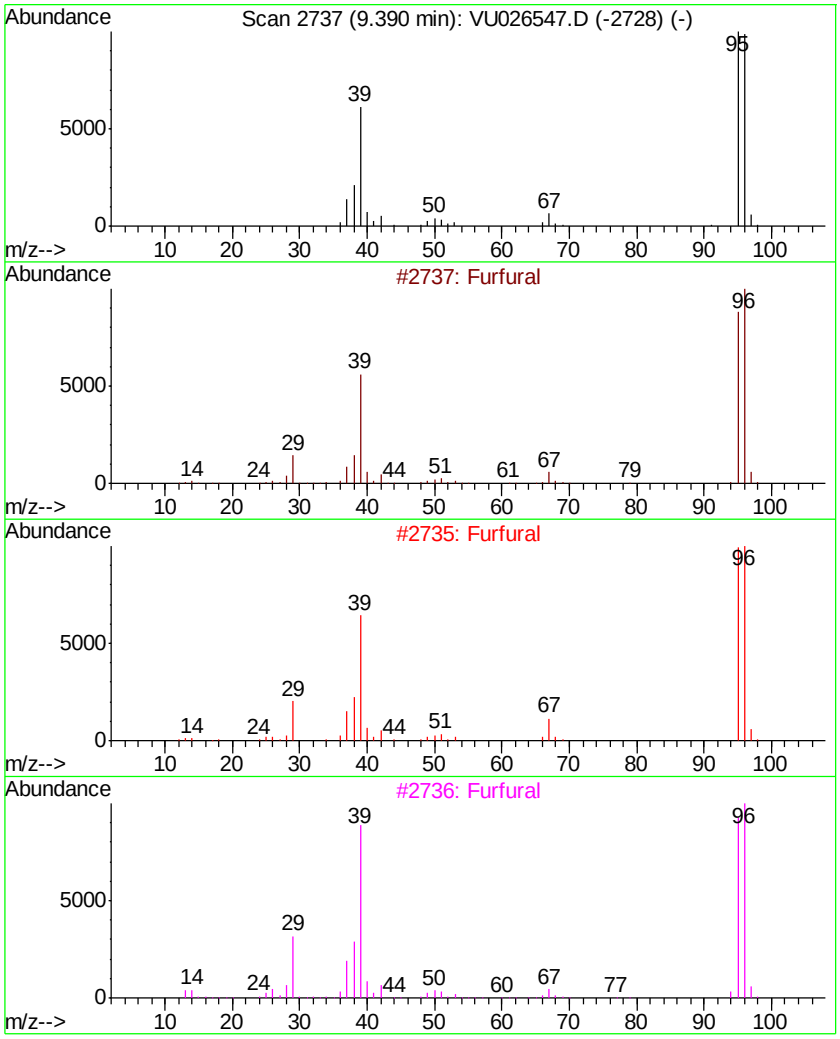
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

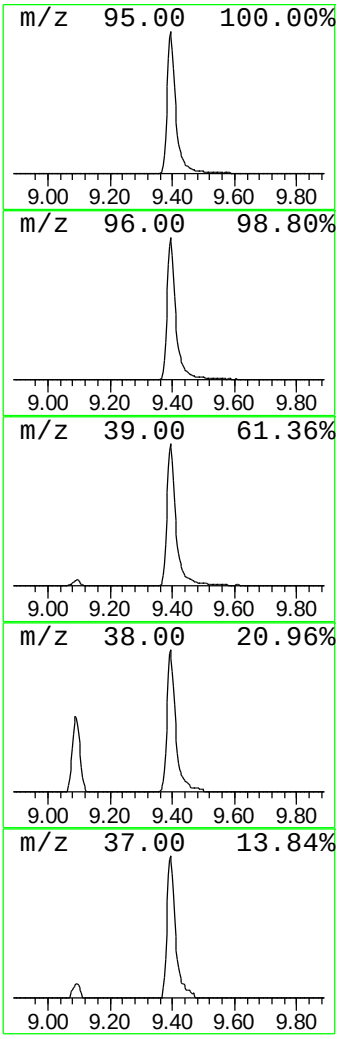
****

Peak Number 3 Furfural Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	19.28 ug/L	168476	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	95
3	Furfural	96	C5H4O2	000098-01-1	95
4	2H-Pyran-2-one	96	C5H4O2	000504-31-4	64
5	1H-Imidazole, 1,5-dimethyl-	96	C5H8N2	010447-93-5	64





Tentatively Identified Compound (LSC) summary

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Furfural	9.39	19.3	ug/L	168476	2	9.09	436917	50.0