

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090518\
 Data File : VU026542.D
 Acq On : 05 Sep 2018 13:45
 Operator : MD/SY
 Sample : J4694-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE37

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	0.629	10	12	16	rBB	136	119	0.002%	0.0003%
2	0.664	17	23	28	rBB	203	291	0.006%	0.0007%
3	0.696	29	33	35	rBV	166	160	0.003%	0.0004%
4	0.841	76	78	81	rBV	145	126	0.002%	0.0003%
5	0.886	89	92	96	rBV	155	176	0.003%	0.0004%
6	0.918	100	102	106	rBB	143	118	0.002%	0.0003%
7	0.953	110	113	115	rBV	145	126	0.002%	0.0003%
8	1.088	137	155	168	rBV	142083	163348	31.78%	3.811%
9	1.397	244	251	262	rBV	65731	67284	13.09%	1.570%
10	1.471	270	274	288	rVB	7111	8300	1.61%	0.194%
11	1.680	331	339	355	rVB	54895	72008	14.01%	1.680%
12	2.272	513	523	533	rBV	112949	169158	32.91%	3.946%
13	2.323	533	539	553	rVB	12327	19158	3.73%	0.447%
14	2.548	608	609	613	rVB2	156	85	0.002%	0.0002%
15	2.612	622	629	635	rBV3	459	823	0.16%	0.019%
16	2.754	669	673	679	rBV3	298	313	0.006%	0.0007%
17	2.834	695	698	703	rVV2	414	454	0.009%	0.011%
18	2.854	703	704	708	rVB	367	176	0.003%	0.0004%
19	2.940	728	731	733	rBV	158	83	0.002%	0.0002%
20	3.175	801	804	813	rVB	136	142	0.003%	0.0003%
21	3.420	877	880	886	rBV	213	209	0.004%	0.0005%
22	3.468	889	895	899	rBV	194	157	0.003%	0.0004%
23	3.706	965	969	972	rBV	101	94	0.002%	0.0002%
24	3.928	1035	1038	1046	rVB	120	125	0.002%	0.0003%
25	3.973	1046	1052	1054	rBV2	179	183	0.004%	0.0004%
26	4.182	1100	1117	1143	rBV	47697	124749	24.27%	2.910%
27	4.387	1172	1181	1182	rBV2	920	867	0.17%	0.020%
28	4.651	1245	1263	1288	rBV	88675	209270	40.71%	4.882%
29	4.751	1291	1294	1299	rBV2	241	163	0.003%	0.0004%
30	4.837	1318	1321	1326	rVB2	199	205	0.004%	0.0005%
31	4.860	1326	1328	1330	rVV	167	94	0.002%	0.0002%
32	4.892	1331	1338	1341	rVV3	354	440	0.009%	0.010%
33	4.995	1366	1370	1372	rVB2	249	147	0.003%	0.0003%
34	5.117	1402	1408	1410	rBV	213	253	0.005%	0.0006%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090518\
 Data File : VU026542.D
 Acq On : 05 Sep 2018 13:45
 Operator : MD/SY
 Sample : J4694-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE37

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

35	5.239	1443	1446	1449	rVB	179	143	0.03%	0.003%
36	5.255	1449	1451	1454	rBV	178	145	0.03%	0.003%
37	5.342	1454	1478	1498	rBV2	173813	514065	100.00%	11.992%
38	5.455	1511	1513	1517	rVB	167	103	0.02%	0.002%
39	5.500	1525	1527	1529	rVV	266	111	0.02%	0.003%
40	5.551	1540	1543	1546	rBV	157	155	0.03%	0.004%
41	5.808	1620	1623	1629	rVB	123	104	0.02%	0.002%
42	5.889	1633	1648	1669	rBV	177366	340829	66.30%	7.951%
43	6.046	1694	1697	1701	rVB	191	121	0.02%	0.003%
44	6.333	1771	1786	1807	rBV	124168	244236	47.51%	5.698%
45	6.548	1848	1853	1856	rBV	123	133	0.03%	0.003%
46	6.860	1947	1950	1953	rBV2	267	179	0.03%	0.004%
47	6.921	1966	1969	1970	rBV	165	114	0.02%	0.003%
48	7.040	1998	2006	2009	rBV	208	340	0.07%	0.008%
49	7.056	2009	2011	2014	rVV	172	125	0.02%	0.003%
50	7.072	2014	2016	2020	rVB	114	84	0.02%	0.002%
51	7.124	2028	2032	2036	rBV	97	83	0.02%	0.002%
52	7.230	2053	2065	2082	rBV	42129	73644	14.33%	1.718%
53	7.455	2132	2135	2140	rBV	96	104	0.02%	0.002%
54	7.567	2156	2170	2188	rBV	227784	388664	75.61%	9.067%
55	7.683	2204	2206	2212	rVB2	290	245	0.05%	0.006%
56	7.776	2230	2235	2240	rVB	119	132	0.03%	0.003%
57	7.853	2248	2259	2274	rBV	30381	50703	9.86%	1.183%
58	8.066	2322	2325	2328	rBV2	179	122	0.02%	0.003%
59	8.181	2345	2361	2372	rBV	20173	41668	8.11%	0.972%
60	8.313	2392	2402	2434	rVB	162425	278880	54.25%	6.506%
61	8.503	2458	2461	2464	rBV	232	168	0.03%	0.004%
62	8.879	2572	2578	2581	rBV	113	149	0.03%	0.003%
63	9.091	2631	2644	2668	rBV	251610	410025	79.76%	9.565%
64	9.252	2692	2694	2698	rBV2	160	134	0.03%	0.003%
65	9.394	2728	2738	2774	rBV	45374	94139	18.31%	2.196%
66	9.593	2799	2800	2803	rVV	340	111	0.02%	0.003%
67	9.779	2855	2858	2862	rBV2	192	168	0.03%	0.004%
68	10.078	2948	2951	2955	rVB	137	86	0.02%	0.002%
69	10.104	2955	2959	2964	rBV	141	144	0.03%	0.003%
70	10.239	2997	3001	3005	rBV	413	375	0.07%	0.009%
71	10.432	3049	3061	3080	rBV	176049	277501	53.98%	6.474%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090518\
 Data File : VU026542.D
 Acq On : 05 Sep 2018 13:45
 Operator : MD/SY
 Sample : J4694-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE37

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

72	10.545	3093	3096	3102	rBV	155	133	0.03%	0.003%
73	10.612	3107	3117	3133	rVB3	6280	11356	2.21%	0.265%
74	10.834	3182	3186	3190	rBV2	199	137	0.03%	0.003%
75	10.869	3195	3197	3199	rBV	144	98	0.02%	0.002%
76	11.043	3248	3251	3256	rBV	365	439	0.09%	0.010%
77	11.156	3278	3286	3289	rBV2	215	333	0.06%	0.008%
78	11.487	3377	3389	3405	rBV	219231	345984	67.30%	8.071%
79	11.692	3451	3453	3461	rVB	200	129	0.03%	0.003%
80	11.754	3466	3472	3478	rBV5	1086	1300	0.25%	0.030%
81	11.863	3493	3506	3524	rBV	226073	362424	70.50%	8.455%
82	11.950	3531	3533	3538	rVB3	412	360	0.07%	0.008%
83	11.992	3544	3546	3552	rVB3	327	240	0.05%	0.006%
84	12.165	3597	3600	3603	rVB	158	84	0.02%	0.002%
85	12.336	3650	3653	3654	rBV	307	121	0.02%	0.003%
86	12.480	3685	3698	3707	rBV2	1500	2396	0.47%	0.056%
87	12.702	3765	3767	3769	rBV	204	110	0.02%	0.003%
88	12.741	3777	3779	3782	rVB	213	104	0.02%	0.002%
89	12.757	3782	3784	3787	rVB2	183	101	0.02%	0.002%
90	12.840	3808	3810	3813	rBV	171	95	0.02%	0.002%
91	12.988	3854	3856	3858	rBV	239	93	0.02%	0.002%
92	13.046	3871	3874	3876	rBV	214	105	0.02%	0.002%
93	13.432	3991	3994	3997	rVB	175	119	0.02%	0.003%
94	13.567	4033	4036	4039	rBV2	213	141	0.03%	0.003%
95	13.696	4072	4076	4080	rVB2	203	176	0.03%	0.004%
96	13.847	4121	4123	4126	rBV	172	120	0.02%	0.003%
97	13.860	4126	4127	4130	rVV	197	82	0.02%	0.002%
98	13.901	4138	4140	4148	rBV2	236	216	0.04%	0.005%
99	14.014	4170	4175	4177	rBV2	213	220	0.04%	0.005%
100	15.882	4749	4756	4765	rBV4	1000	1732	0.34%	0.040%

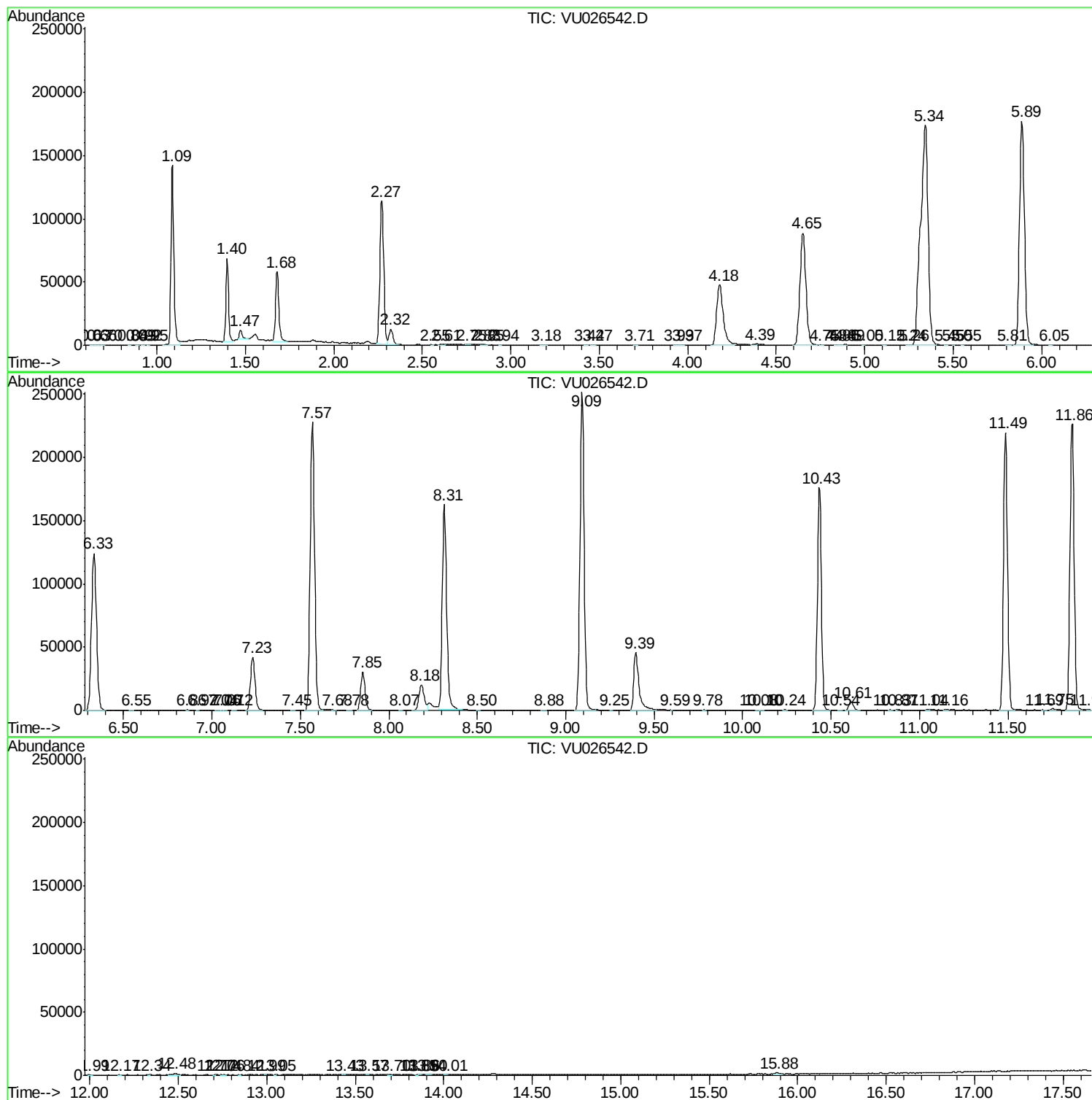
Sum of corrected areas: 4286584

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU090518\
Data File : VU026542.D
Acq On : 05 Sep 2018 13:45
Operator : MD/SY
Sample : J4694-17
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE37

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU090518\
Data File : VU026542.D
Acq On : 05 Sep 2018 13:45
Operator : MD/SY
Sample : J4694-17
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE37

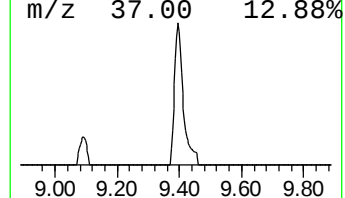
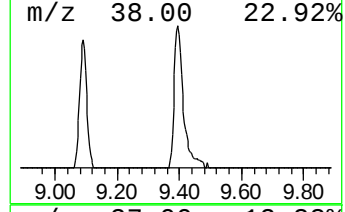
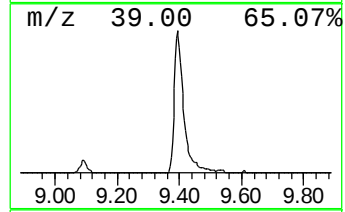
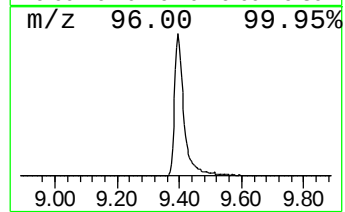
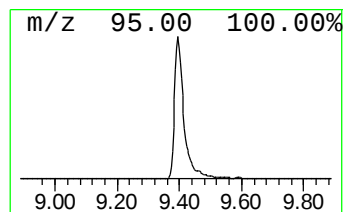
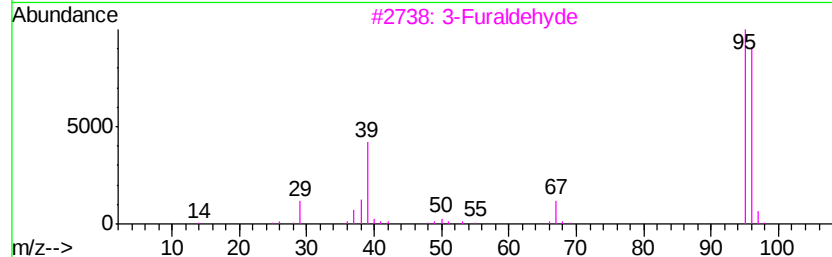
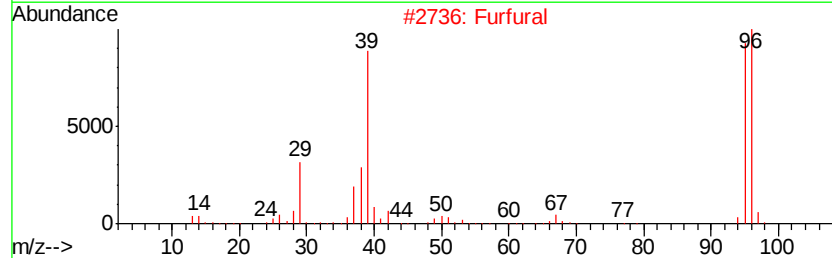
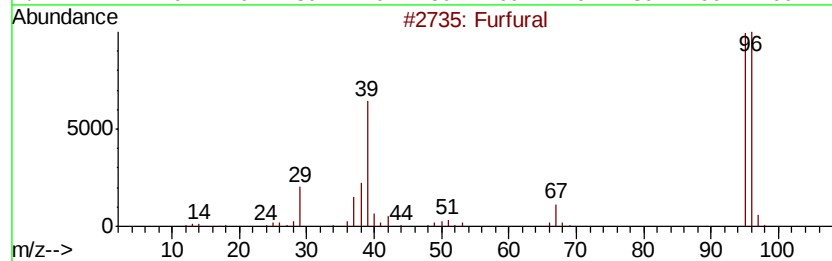
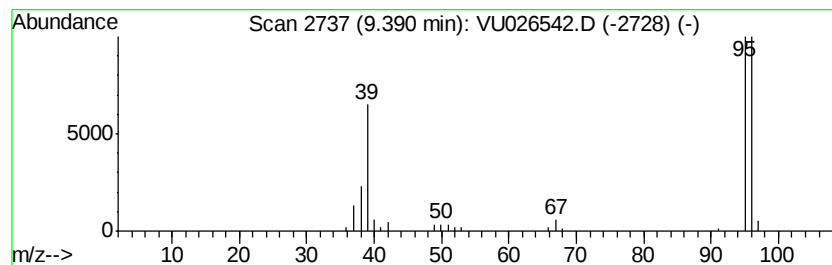
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis

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	11.48 ug/L	94139	Chlorobenzene-d5	9.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Furfural	96	C5H4O2	000098-01-1	94
2		Furfural	96	C5H4O2	000098-01-1	91
3		3-Furaldehyd	96	C5H4O2	000498-60-2	91
4		Furfural	96	C5H4O2	000098-01-1	76
5		4-Pyridinol	95	C5H5NO	000626-64-2	32



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU090518\
Data File : VU026542.D
Acq On : 05 Sep 2018 13:45
Operator : MD/SY
Sample : J4694-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE37

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Furfural	9.39	11.5	ug/L	94139	2	9.09	410025	50.0