

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090518\
 Data File : VU026552.D
 Acq On : 05 Sep 2018 19:19
 Operator : MD/SY
 Sample : J4694-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE26

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	0.613	5	7	11	rBV	141	111	0.02%	0.002%
2	0.680	26	28	32	rBV2	154	107	0.02%	0.002%
3	0.725	39	42	43	rBV	133	75	0.01%	0.002%
4	0.757	50	52	61	rVB	144	79	0.02%	0.002%
5	0.796	62	64	68	rVV2	148	104	0.02%	0.002%
6	0.860	78	84	90	rBV	80	122	0.02%	0.003%
7	0.886	90	92	96	rVB	188	151	0.03%	0.003%
8	0.908	96	99	101	rBV	150	131	0.03%	0.003%
9	0.940	107	109	112	rBV	124	108	0.02%	0.002%
10	0.976	116	120	125	rVB2	190	155	0.03%	0.003%
11	1.018	132	133	136	rVB2	195	69	0.01%	0.001%
12	1.085	136	154	172	rBV	192684	223355	43.48%	4.809%
13	1.397	244	251	266	rBV	60073	65430	12.74%	1.409%
14	1.471	268	274	290	rVB	34503	39814	7.75%	0.857%
15	1.677	331	338	351	rVB	54671	69449	13.52%	1.495%
16	2.268	512	522	532	rBV	110089	162905	31.71%	3.507%
17	2.323	532	539	558	rVB	13575	22352	4.35%	0.481%
18	2.448	575	578	582	rVV	441	401	0.08%	0.009%
19	2.474	584	586	593	rVB2	719	578	0.11%	0.012%
20	2.564	611	614	617	rBV	236	146	0.03%	0.003%
21	2.616	622	630	639	rBV2	394	779	0.15%	0.017%
22	2.699	652	656	660	rVB2	485	385	0.07%	0.008%
23	2.776	678	680	685	rVB	224	95	0.02%	0.002%
24	2.834	691	698	704	rBV2	649	1023	0.20%	0.022%
25	2.940	728	731	733	rBV	170	78	0.02%	0.002%
26	3.046	762	764	770	rBV	124	83	0.02%	0.002%
27	3.297	839	842	844	rVV	144	97	0.02%	0.002%
28	3.313	844	847	851	rVB	217	135	0.03%	0.003%
29	3.477	893	898	900	rBV	96	94	0.02%	0.002%
30	3.712	969	971	974	rVB	122	88	0.02%	0.002%
31	4.098	1082	1091	1094	rBV	620	918	0.18%	0.020%
32	4.181	1102	1117	1146	rBV	50266	145157	28.26%	3.125%
33	4.394	1181	1183	1188	rBV2	124	113	0.02%	0.002%
34	4.509	1217	1219	1222	rBV	178	82	0.02%	0.002%

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 Title : VOC Analysis

35	4.651	1246	1263	1283	rBV	88670	206901	40.28%	4.454%
36	4.992	1364	1369	1372	rBV3	1028	1155	0.22%	0.025%
37	5.075	1392	1395	1397	rBV	229	147	0.03%	0.003%
38	5.130	1409	1412	1417	rBV2	197	210	0.04%	0.005%
39	5.185	1426	1429	1431	rBV	179	146	0.03%	0.003%
40	5.342	1455	1478	1500	rBV2	173154	513682	100.00%	11.059%
41	5.667	1576	1579	1582	rBV	92	72	0.01%	0.002%
42	5.889	1633	1648	1671	rBV	196508	379498	73.88%	8.170%
43	6.098	1710	1713	1715	rVB	165	76	0.01%	0.002%
44	6.188	1730	1741	1757	rVB2	27225	50667	9.86%	1.091%
45	6.246	1757	1759	1762	rVB	142	66	0.01%	0.001%
46	6.333	1772	1786	1809	rBV	123412	245119	47.72%	5.277%
47	6.712	1902	1904	1909	rVB	171	80	0.02%	0.002%
48	6.738	1909	1912	1913	rBV	188	72	0.01%	0.002%
49	6.857	1943	1949	1956	rBV2	394	593	0.12%	0.013%
50	7.230	2053	2065	2083	rBV	36466	63518	12.37%	1.368%
51	7.361	2104	2106	2108	rBV	248	113	0.02%	0.002%
52	7.567	2156	2170	2190	rBV	225638	388792	75.69%	8.371%
53	7.853	2249	2259	2276	rVB2	26891	44214	8.61%	0.952%
54	7.924	2280	2281	2283	rBV	230	98	0.02%	0.002%
55	8.004	2304	2306	2310	rVB	211	119	0.02%	0.003%
56	8.027	2312	2313	2318	rVB	163	70	0.01%	0.002%
57	8.181	2349	2361	2367	rBV2	12773	22446	4.37%	0.483%
58	8.230	2368	2376	2388	rVV2	43981	78135	15.21%	1.682%
59	8.313	2392	2402	2429	rVB	166104	291530	56.75%	6.276%
60	8.590	2486	2488	2491	rBV	216	111	0.02%	0.002%
61	8.615	2491	2496	2502	rBV	310	490	0.10%	0.011%
62	8.760	2539	2541	2542	rBV	185	99	0.02%	0.002%
63	8.792	2547	2551	2554	rBV2	204	159	0.03%	0.003%
64	8.885	2578	2580	2584	rVB2	243	153	0.03%	0.003%
65	9.091	2631	2644	2663	rBV	277385	451261	87.85%	9.715%
66	9.291	2704	2706	2709	rBV	164	109	0.02%	0.002%
67	9.345	2721	2723	2727	rVB	249	126	0.02%	0.003%
68	9.393	2727	2738	2767	rBV	75998	152174	29.62%	3.276%
69	9.654	2817	2819	2822	rBV	195	106	0.02%	0.002%
70	9.815	2866	2869	2872	rVB2	146	88	0.02%	0.002%
71	9.940	2906	2908	2910	rBB	138	70	0.01%	0.002%

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72	9.956	2910	2913	2915	rBV	205	102	0.02%	0.002%
73	10.111	2954	2961	2962	rBV	592	645	0.13%	0.014%
74	10.265	3007	3009	3012	rBV	128	69	0.01%	0.001%
75	10.432	3050	3061	3084	rBV	174187	275856	53.70%	5.939%
76	10.612	3107	3117	3132	rVB	6764	12861	2.50%	0.277%
77	10.879	3194	3200	3205	rBV3	601	704	0.14%	0.015%
78	11.181	3292	3294	3301	rBV	217	188	0.04%	0.004%
79	11.487	3377	3389	3408	rBV	236699	368817	71.80%	7.940%
80	11.631	3431	3434	3437	rBV	230	165	0.03%	0.004%
81	11.744	3467	3469	3471	rBV2	248	162	0.03%	0.003%
82	11.863	3494	3506	3524	rBV	218837	345057	67.17%	7.429%
83	12.323	3647	3649	3653	rBV	146	68	0.01%	0.001%
84	12.435	3682	3684	3688	rVB	198	134	0.03%	0.003%
85	12.480	3688	3698	3708	rBV	3327	5503	1.07%	0.118%
86	12.573	3724	3727	3731	rBV3	597	521	0.10%	0.011%
87	12.959	3844	3847	3851	rBV	169	93	0.02%	0.002%
88	13.532	4021	4025	4027	rBV2	186	138	0.03%	0.003%
89	13.561	4032	4034	4037	rVB	173	68	0.01%	0.001%
90	13.593	4041	4044	4048	rVB	284	148	0.03%	0.003%
91	13.615	4048	4051	4052	rBV	231	131	0.03%	0.003%
92	13.660	4063	4065	4069	rBV	199	125	0.02%	0.003%
93	13.892	4132	4137	4140	rBV2	283	299	0.06%	0.006%
94	13.940	4150	4152	4156	rBV	197	131	0.03%	0.003%
95	14.011	4172	4174	4178	rBV2	227	147	0.03%	0.003%
96	14.278	4246	4257	4267	rBV2	2396	4084	0.80%	0.088%
97	14.358	4279	4282	4288	rBV3	392	486	0.09%	0.010%
98	14.528	4332	4335	4340	rBV3	328	268	0.05%	0.006%
99	14.676	4377	4381	4383	rBV2	310	236	0.05%	0.005%
100	14.753	4401	4405	4409	rBV2	309	347	0.07%	0.007%

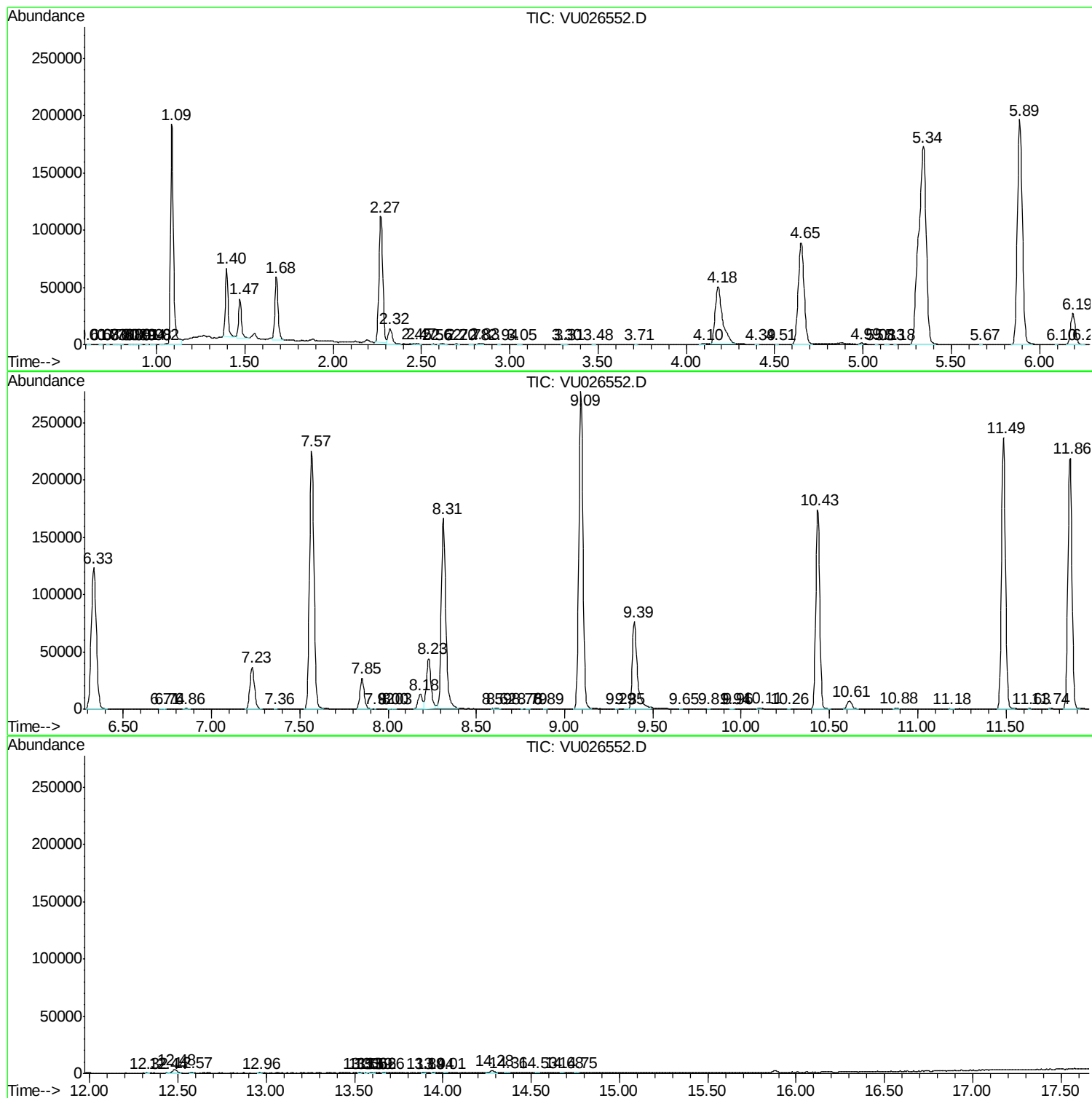
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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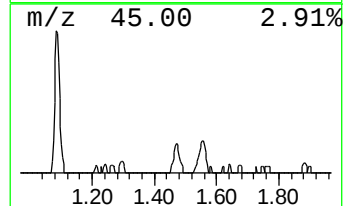
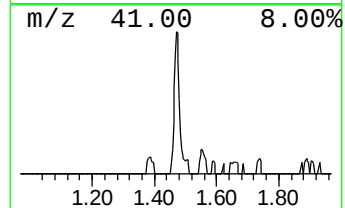
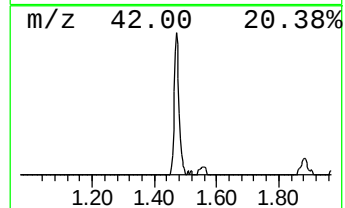
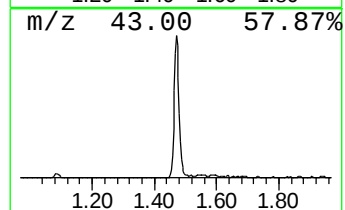
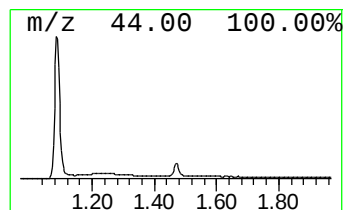
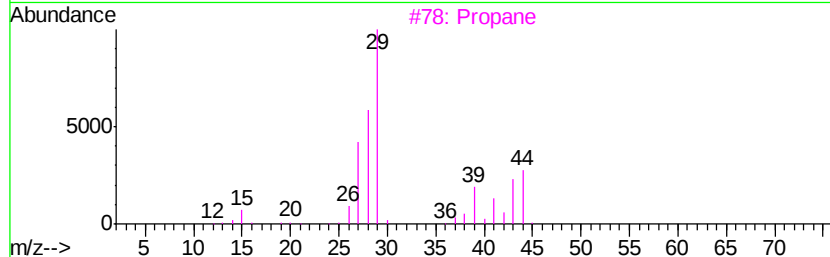
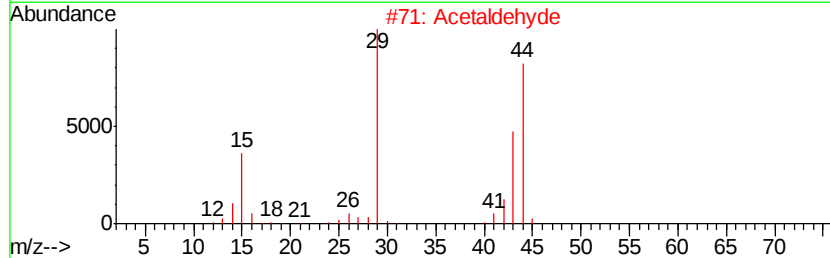
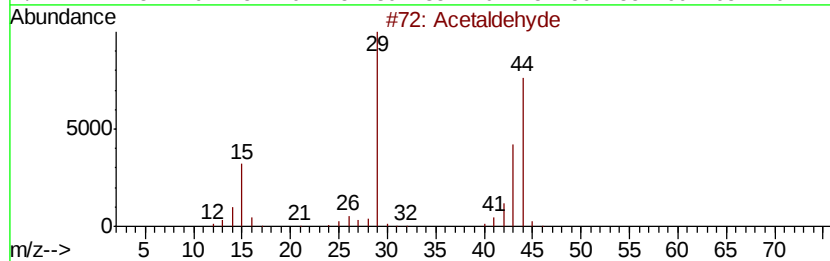
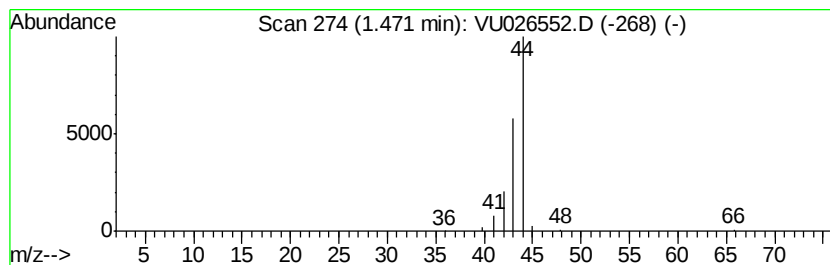
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Acetaldehyde Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.47	5.25 ug/L	39814	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetaldehydve	44	C2H4O	000075-07-0	74
2		Acetaldehydve	44	C2H4O	000075-07-0	74
3		Propane	44	C3H8	000074-98-6	5
4		Ethylene oxide	44	C2H4O	000075-21-8	5
5		Ethylene oxide	44	C2H4O	000075-21-8	5



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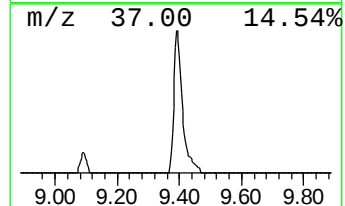
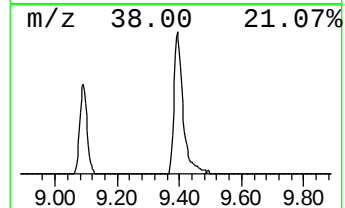
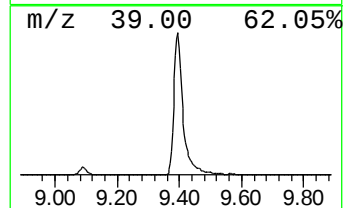
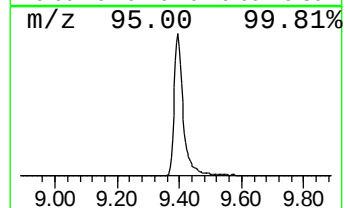
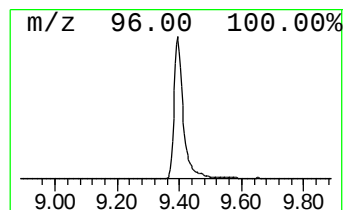
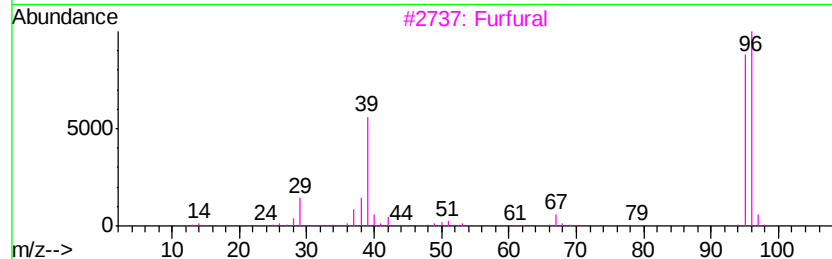
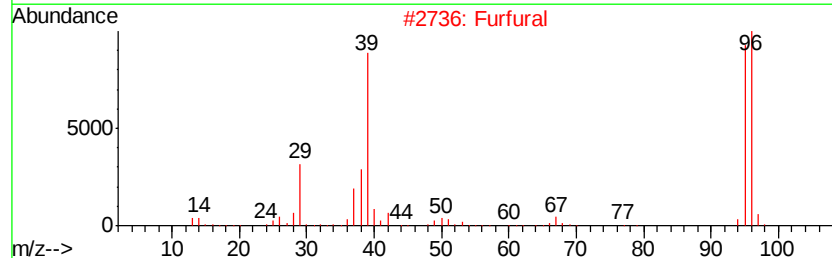
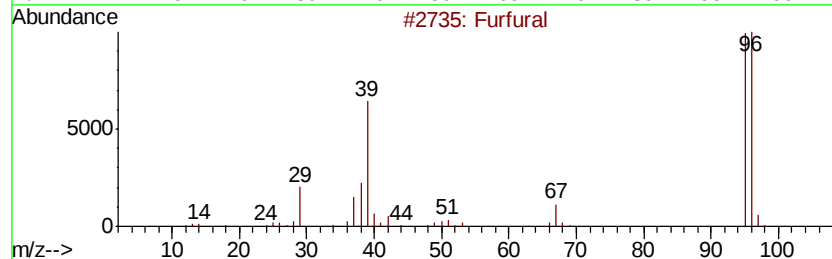
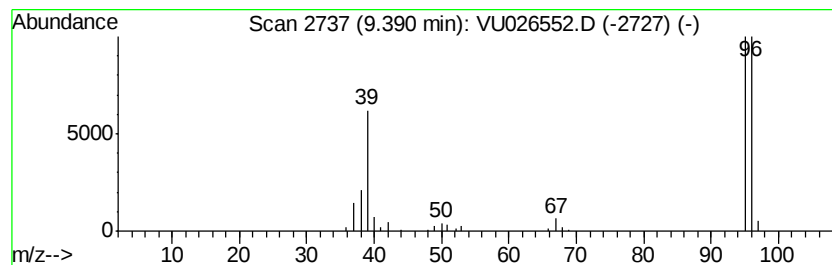
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Quant Title : VOC Analysis

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	16.86 ug/L	152174	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	76
4	1H-Imidazole, 1,4-dimethyl-		96	C5H8N2	006338-45-0	74
5	3-Furaldehyde		96	C5H4O2	000498-60-2	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Acetaldehyde	1.47	5.3	ug/L	39814	1	5.89	379498	50.0
Furfural	9.39	16.9	ug/L	152174	2	9.09	451261	50.0