

Supporting Material

**One-pot production of 2,5-dimethylfuran from fructose over Ru/C
and Lewis-Brønsted acid mixture in N,N-dimethyl-formamide**

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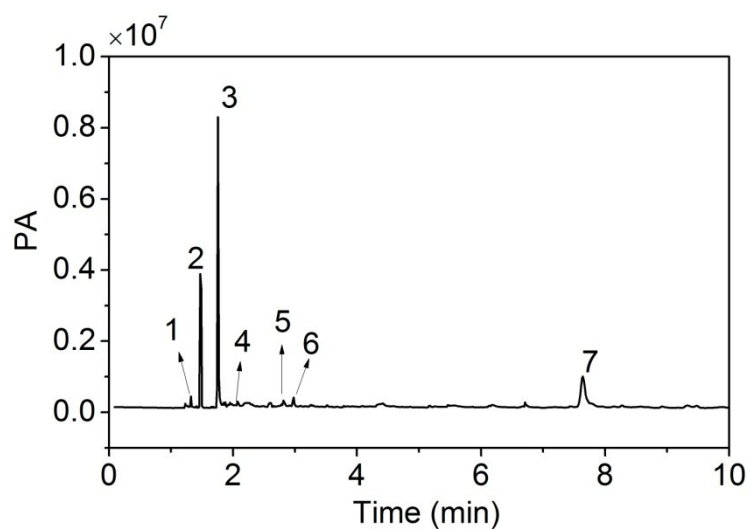


Fig. S1 TIC spectra of the hydrogenolysis products of 5-HMF. 1: 2-methyl furan (2-MF). 2: 2,5-dimethylfuran (2,5-DMF). 3: N,N-Dimethylformamide. 4: Furfuryl Alcohol (FA). 5: 5-methylfurfuryl alcohol (MFA). 6: 5-Methylfurfural (5-MF). 7: 5-hydromethyl furfural (5-HMF)

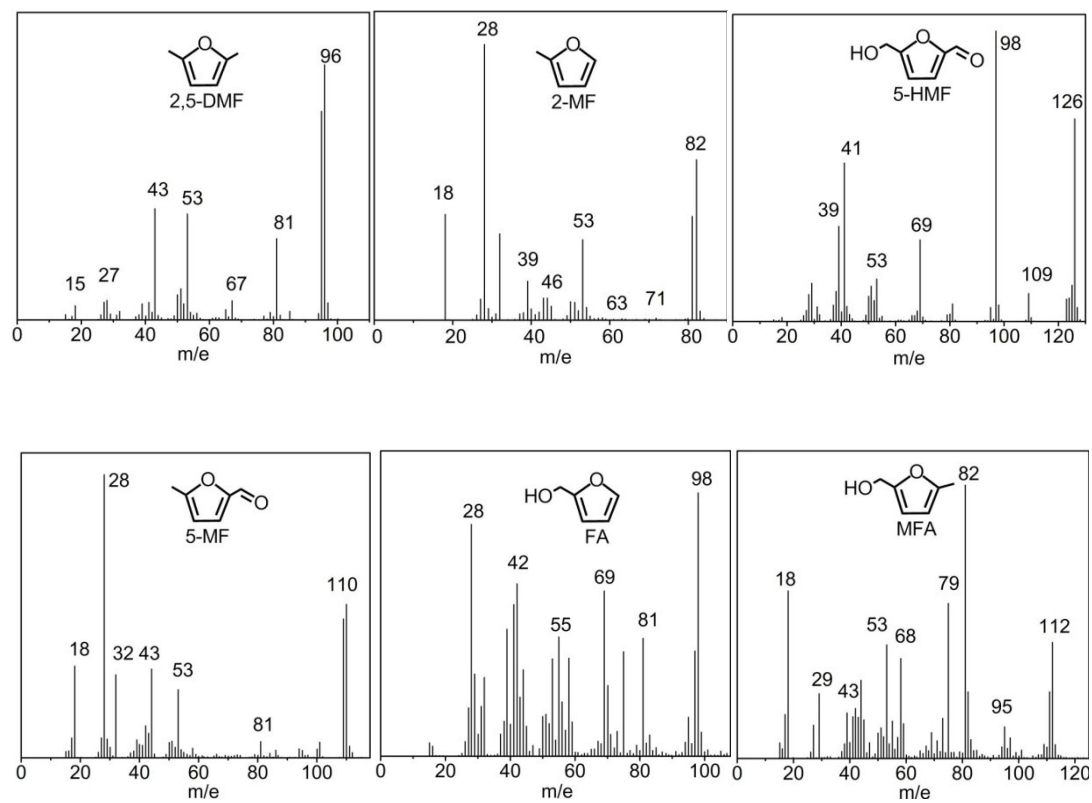


Fig. S2 Mass spectra of the hydrogenolysis products of 5-HMF