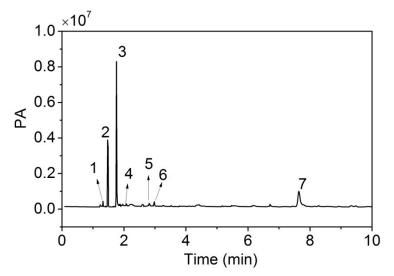
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Supporting Material

## One-pot production of 2,5-dimethylfuran from fructose over Ru/C

## and Lewis-Brönsted 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-methyfurfurly alcohol (MFA). 6: 5-Methylfurfural (5-MF). 7: 5-hydromethyl furfural (5-HMF)

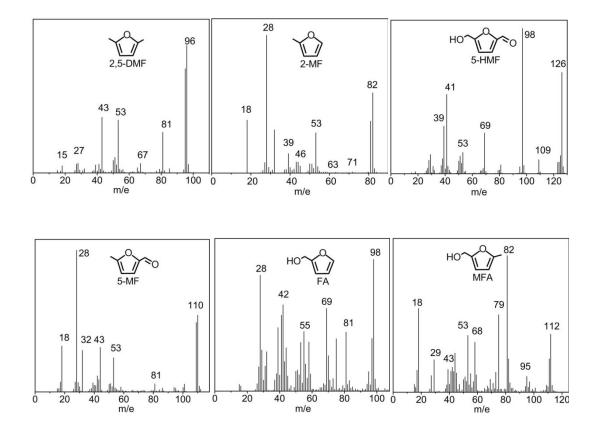


Fig. S2 Mass spectra of the hydrogenolysis products of 5-HMF