

Variations of major product derived from conversion of 5-hydroxymethylfurfural over a modified MOFs-derived carbon material in response to reaction conditions

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Supporting Information

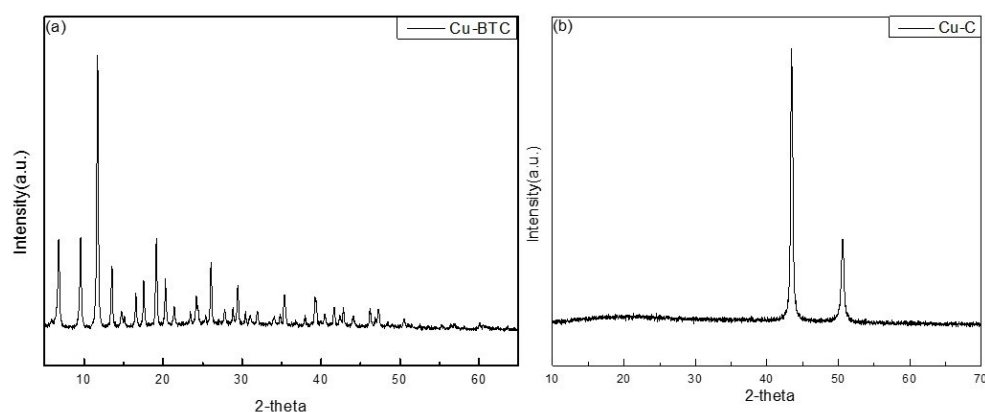


Fig. S1. (a) The XRD of Cu-BTC and (b) the Cu and porous carbon composites derived from Cu-BTC carbonization.

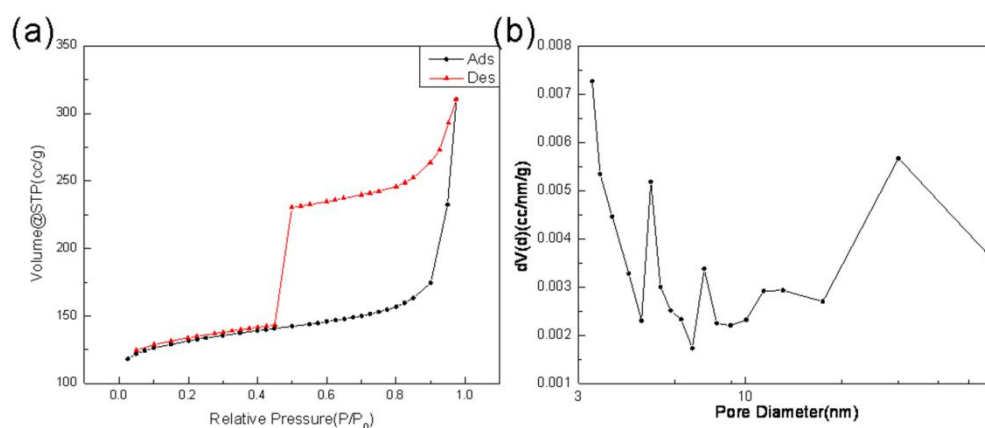


Fig. S2. (a) Nitrogen adsorption-desorption isotherm and (b) the corresponding pore size distribution of the C-SO₃H.

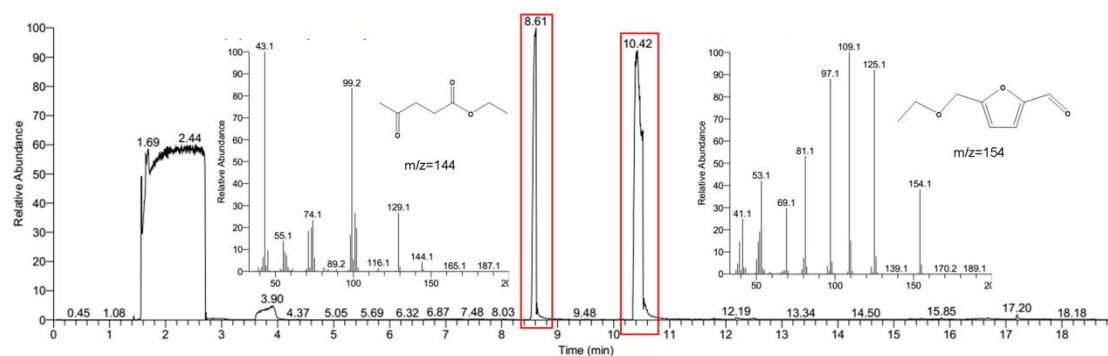


Fig. S3. The general GC-MS image of the reaction products, the inset images are the MS of EL and EMF respectively.

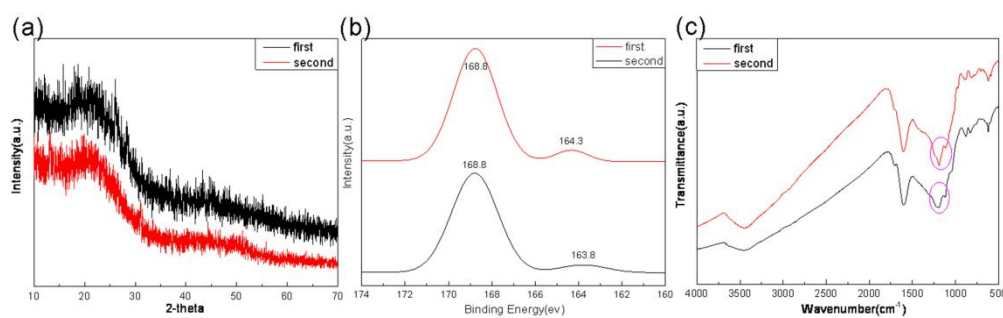


Fig. S4. (a) The X-ray diffraction pattern, (b) the S2p XPS spectra and (c) the FT-IR spectra of catalysts in first and second catalysis at the condition of 140 °C for 8 h.