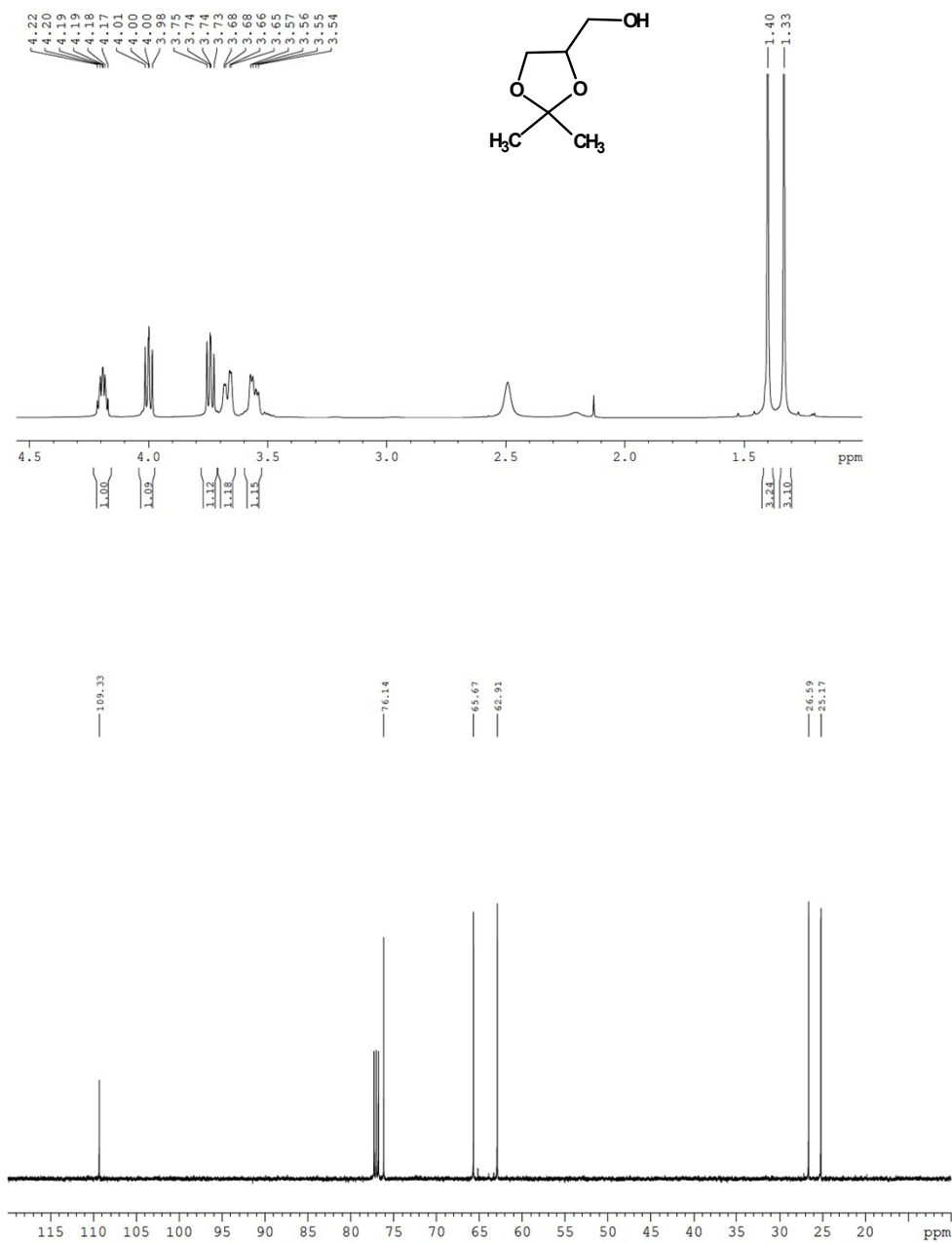
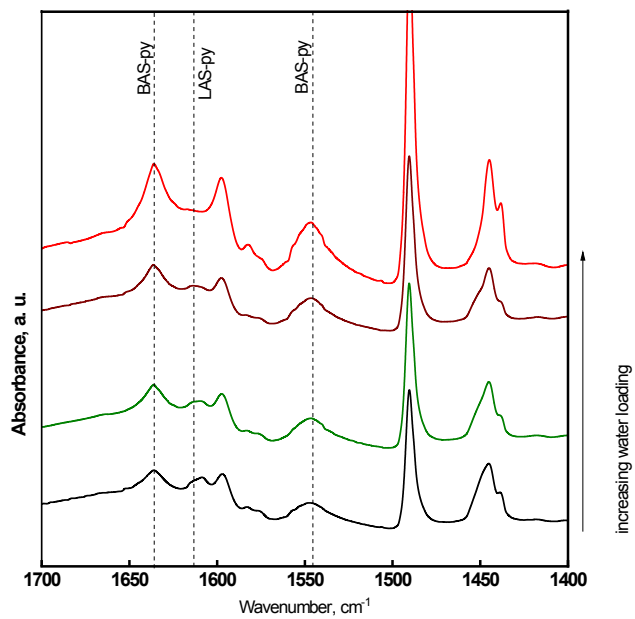


Supporting information:

S1: <sup>1</sup>H-<sup>13</sup>C NMR of reaction product (figure 8)



S2: FTIR spectra of IWW zeolite subjected to dose-by-dose adsorption of water, followed by saturation with pyridine



**S3: Variation of conversion with minimal molecule size of different products.**

