

**Size-controlled synthesis of MCM-49 zeolites and their
application in liquid-phase alkylation of benzene with ethylene**

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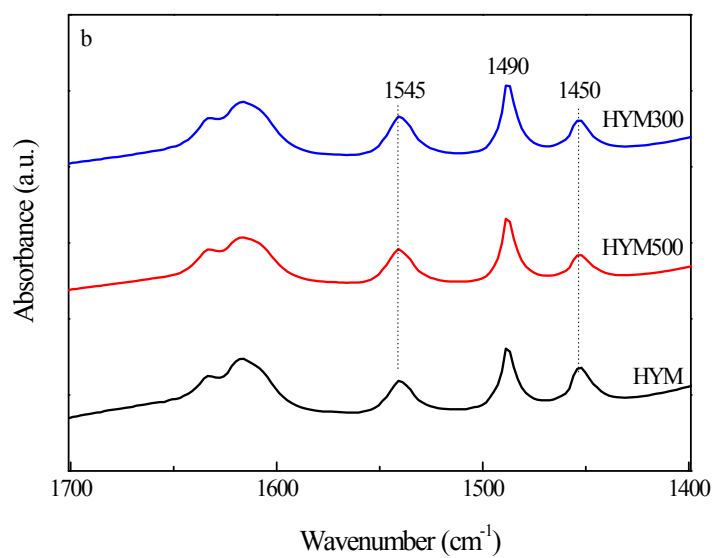
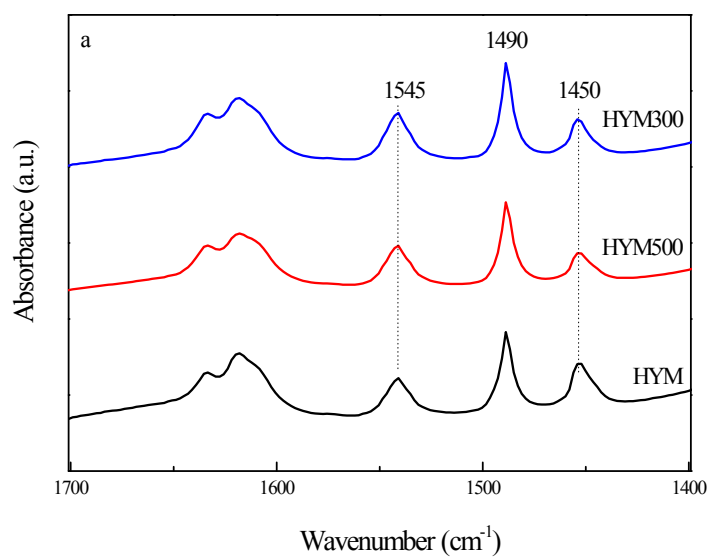


Fig. S1 Py-FTIR spectra of H-type zeolites at 200 °C (a) and 350 °C (b)

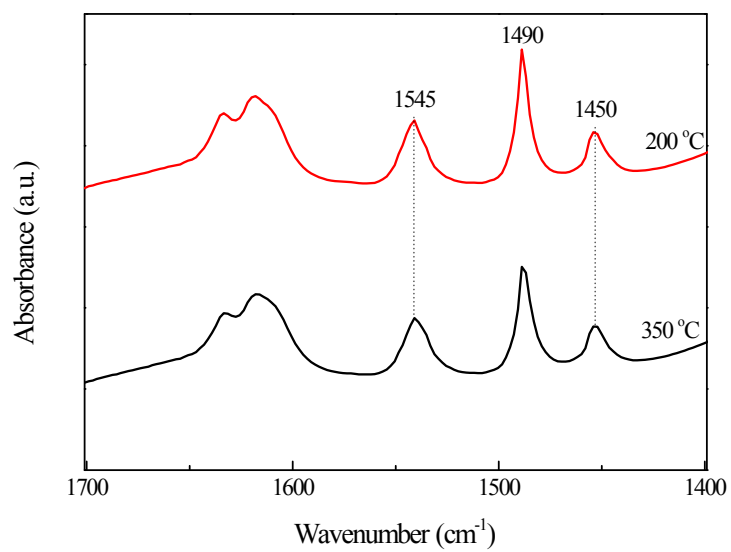


Fig. S2 Py-FTIR spectra of conventional H-MCM-49 zeolites