

Supplementary Materials: Microwave Assisted Surfactant-Thermal Synthesis of Metal-Organic Framework Materials

Cory Forsyth, Tyler Taras, Adam Johnson, Jessica Zagari, Crystal Collado, Markus M. Hoffmann and Carly R. Reed

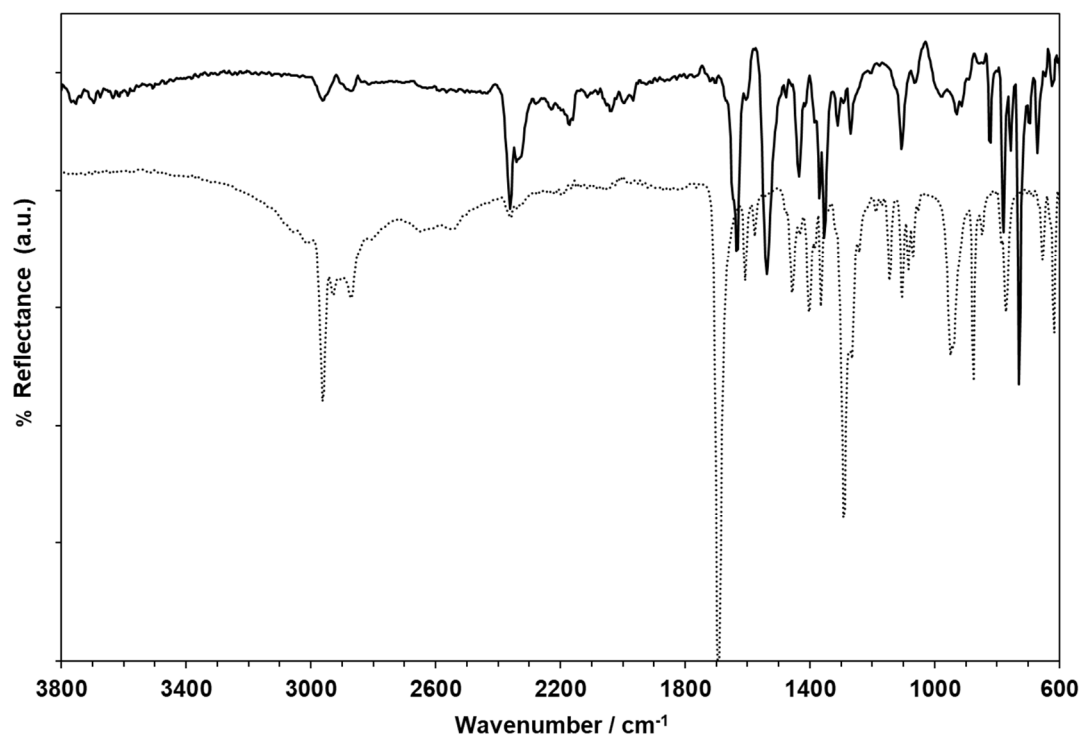


Figure S1. Infrared spectrum of MOF-1 (solid line) and 5-*tert*-butylisophthalic acid (dotted line).

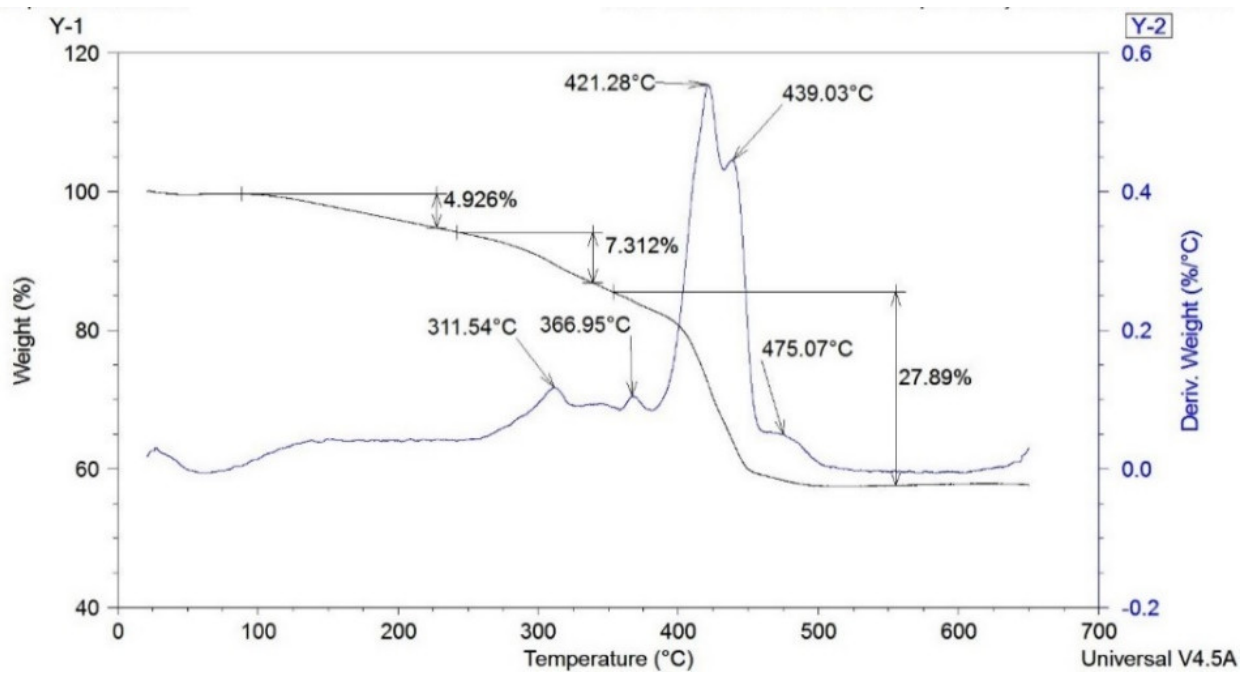
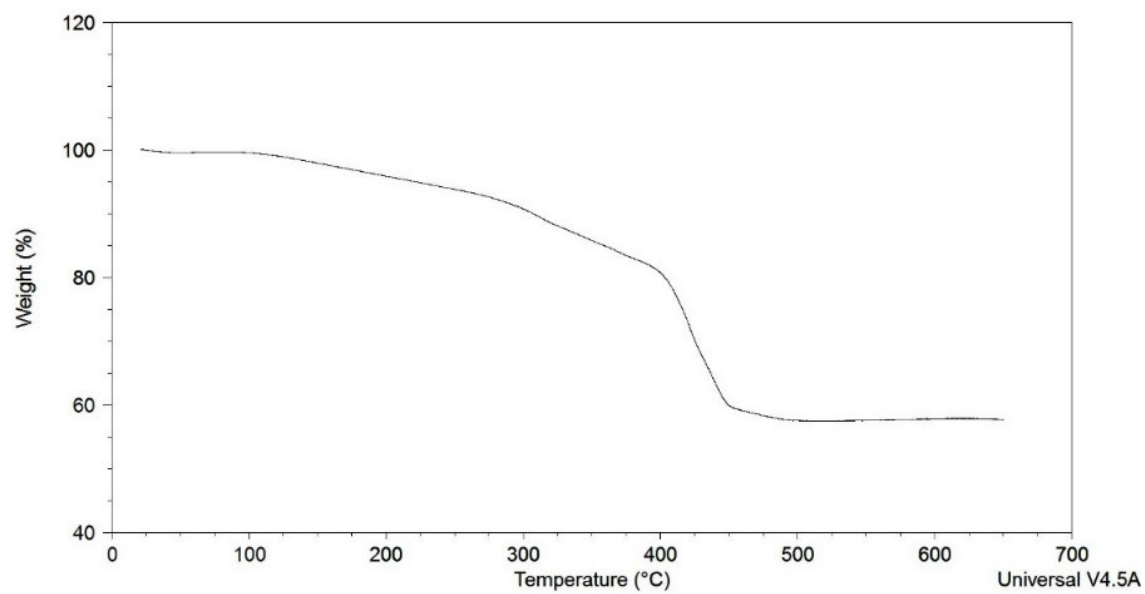


Figure S2. TGA of MOF-1.

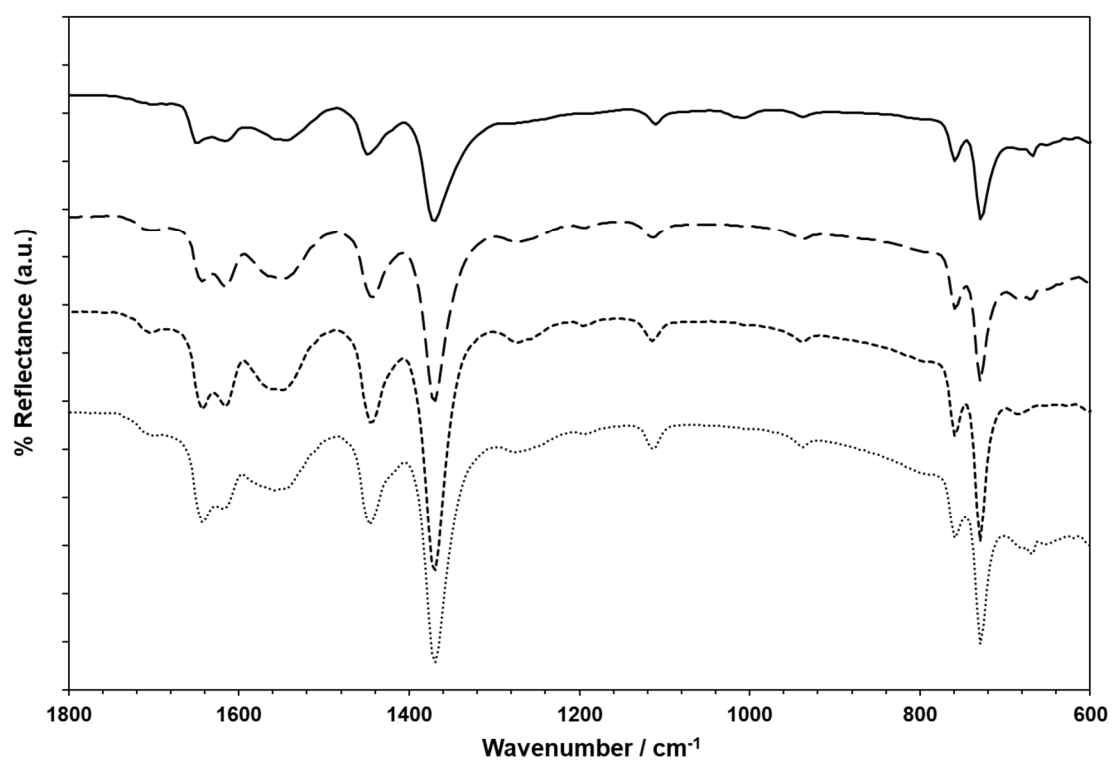


Figure S3. Infrared spectra (from top to bottom) of: commercially available Basolite C300 (Cu-BTC; HKUST-1) (solid line); MOF-2 (long dashed line); MOF-3 (short dashed line); and MOF-4 (dotted line).

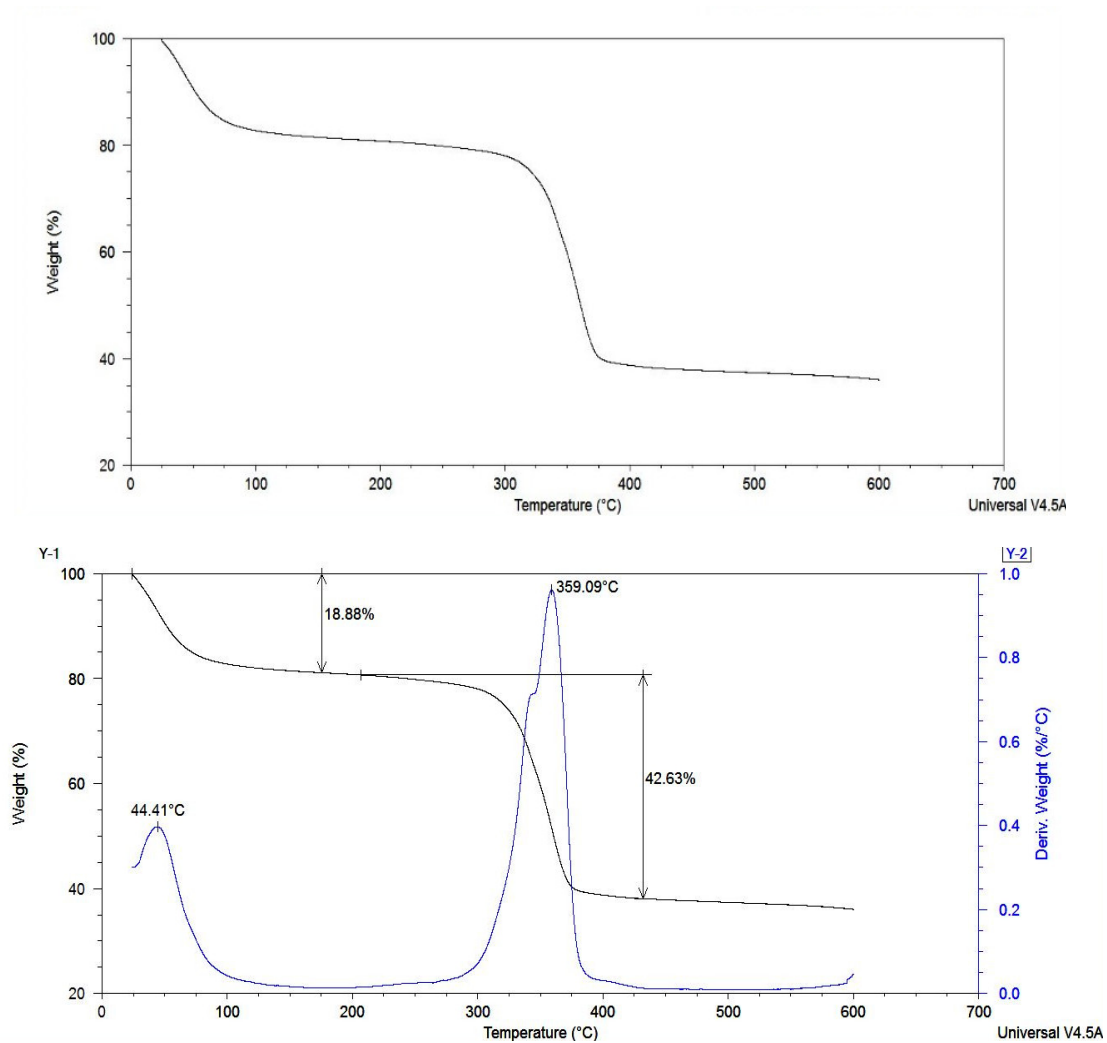


Figure S4. TGA of MOF-2.

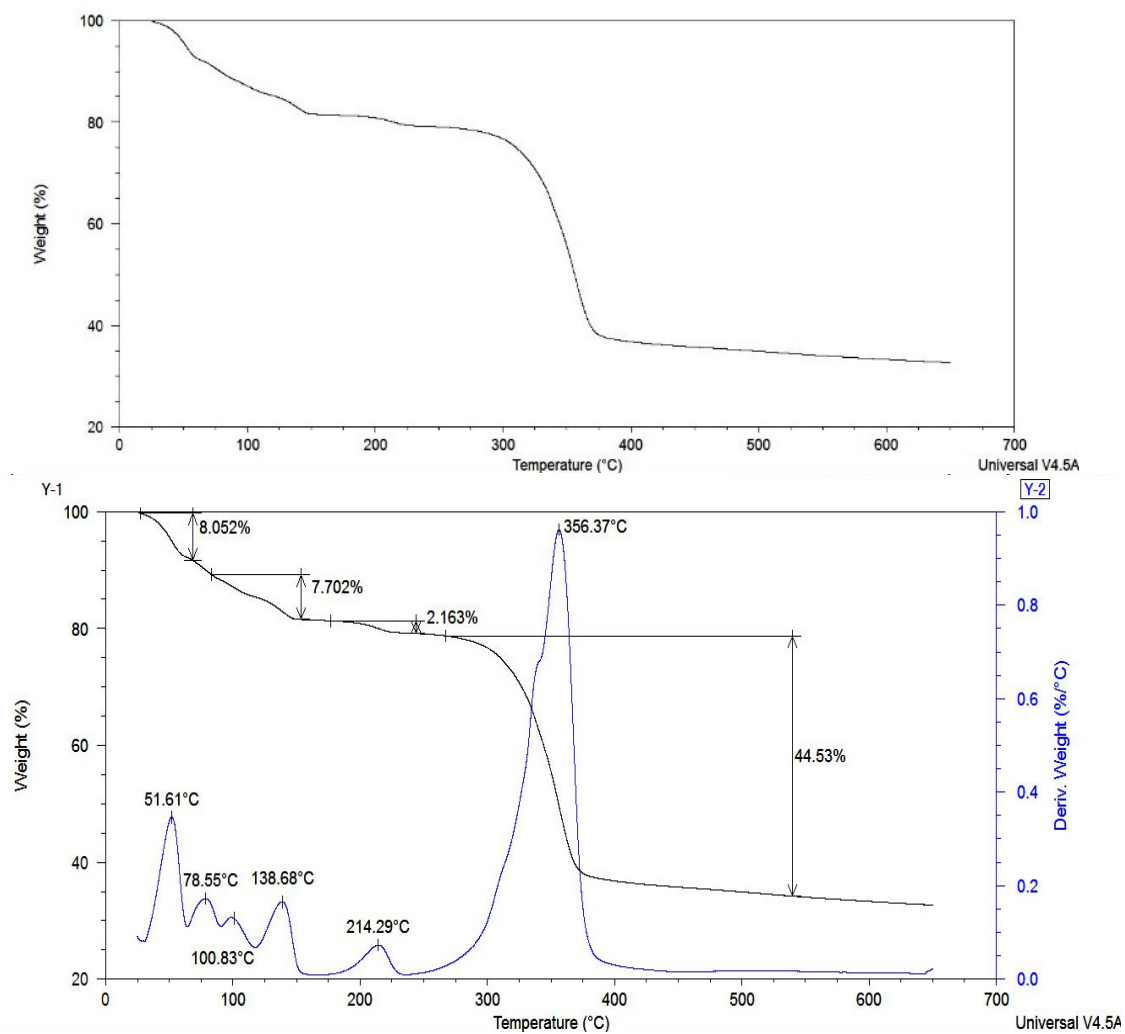


Figure S5. TGA of MOF-3.

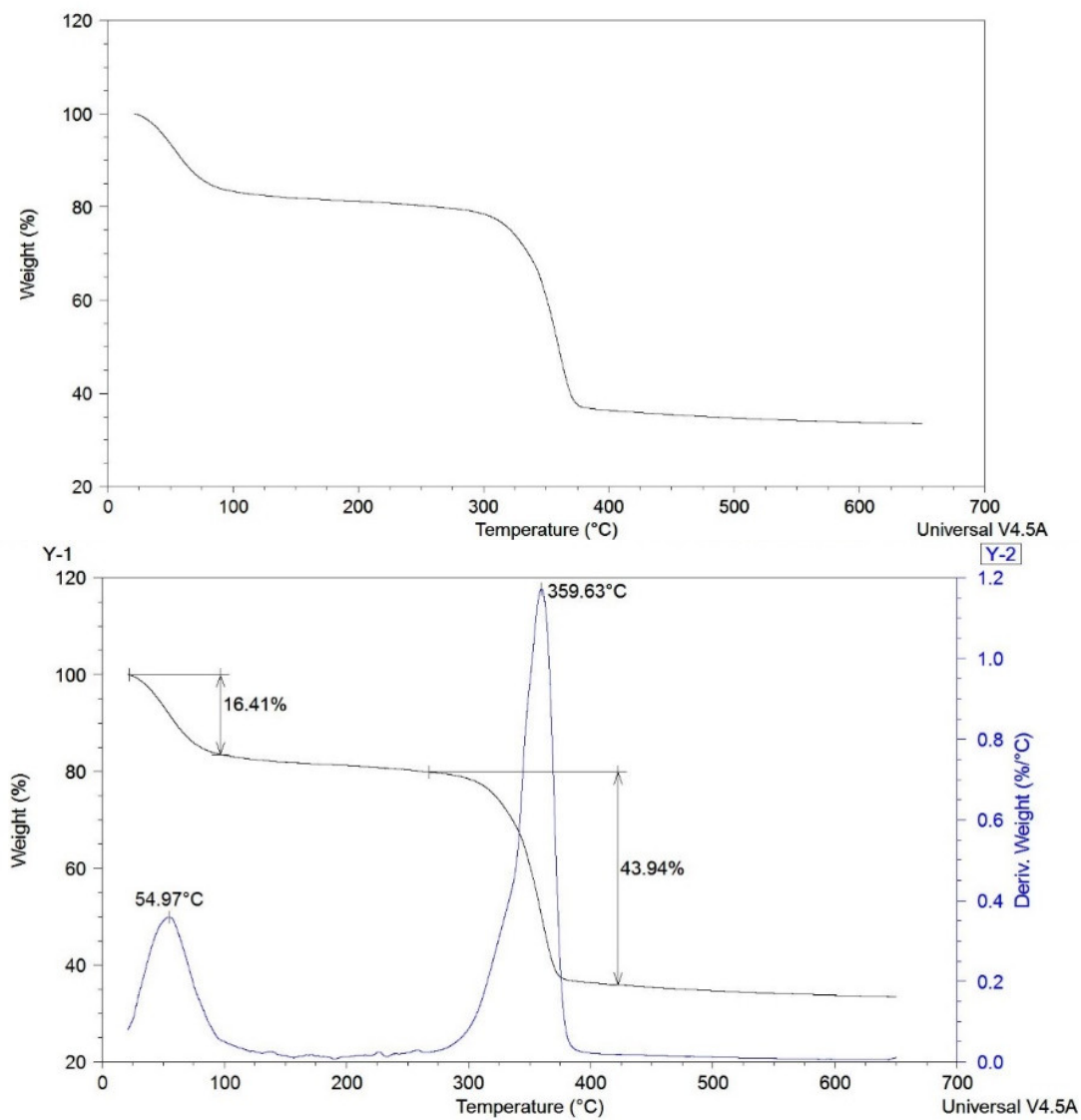


Figure S6. TGA of MOF-4.

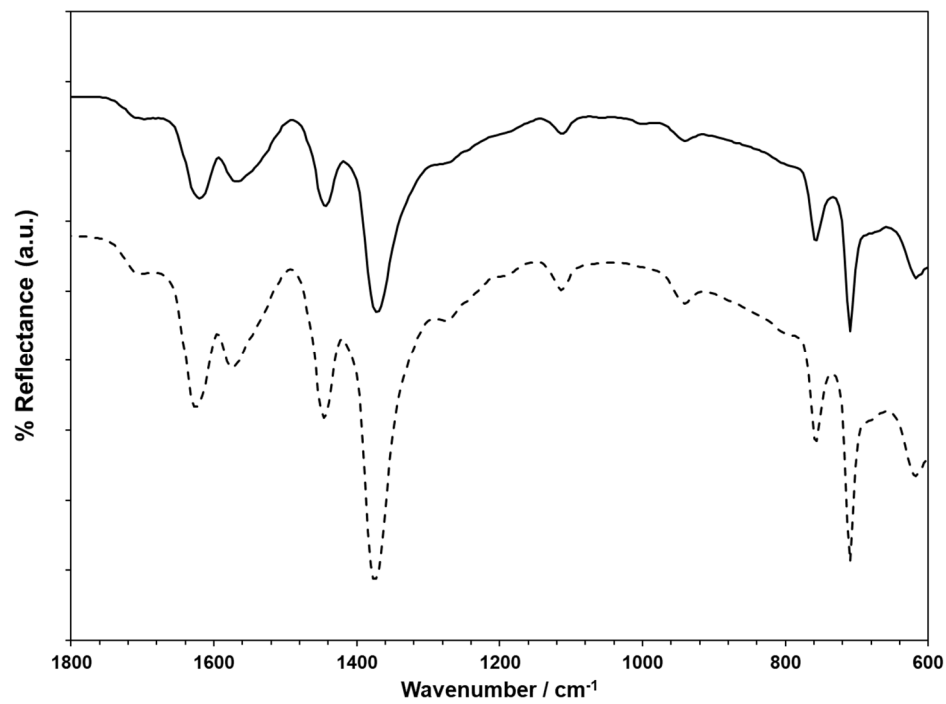


Figure S7. Infrared spectra (from top to bottom) of: commercially available Basolite F300 (Fe-BTC) (solid line); MOF-5 (dashed line).

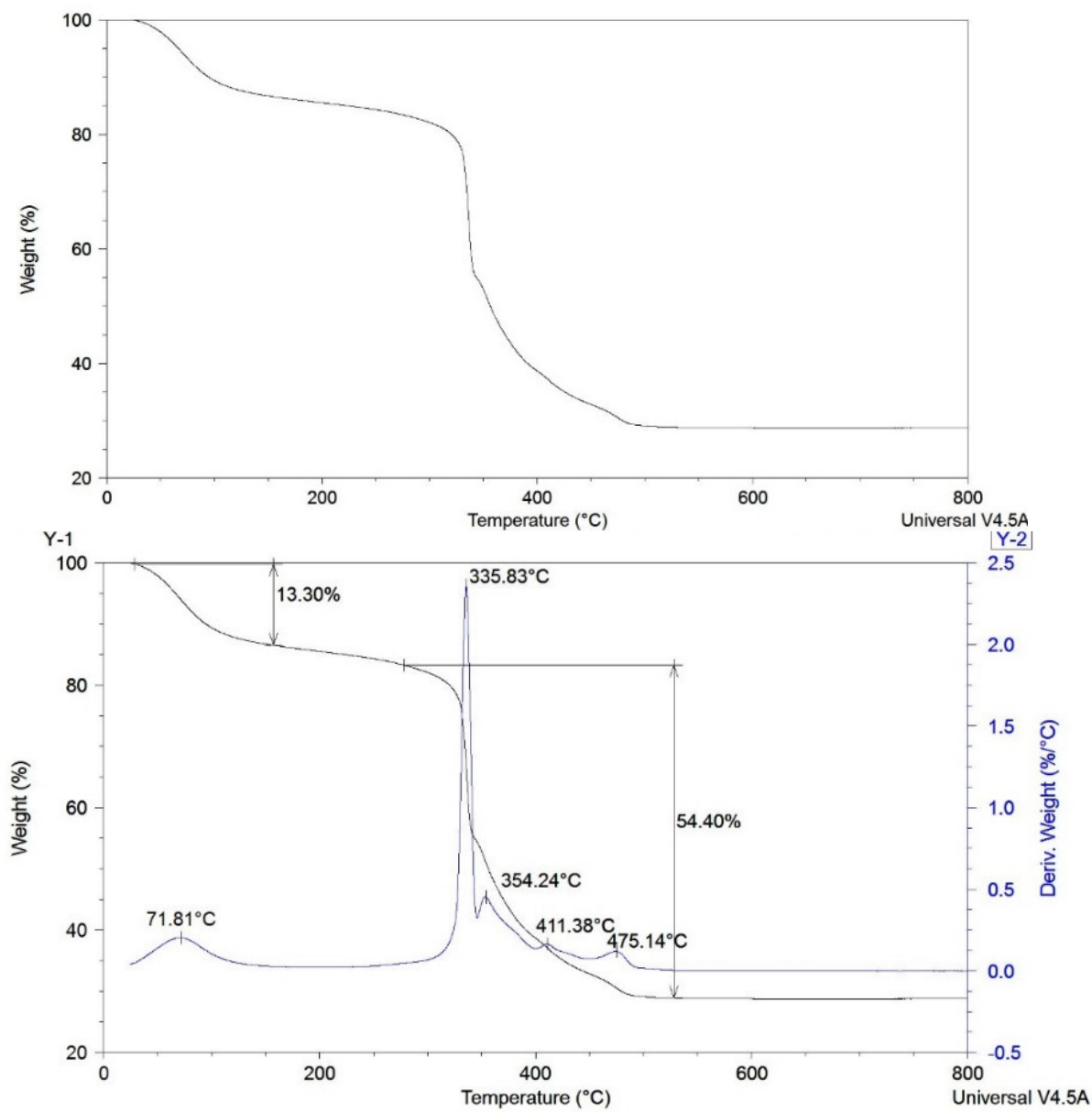


Figure S8. TGA of MOF-5.