

Supplementary Material

Efficient extraction based on polydimethylsiloxane/bimetallic ZnCo-MOF carbonization sponge coupled with GC-MS for rapid analysis of volatile compounds in cumin

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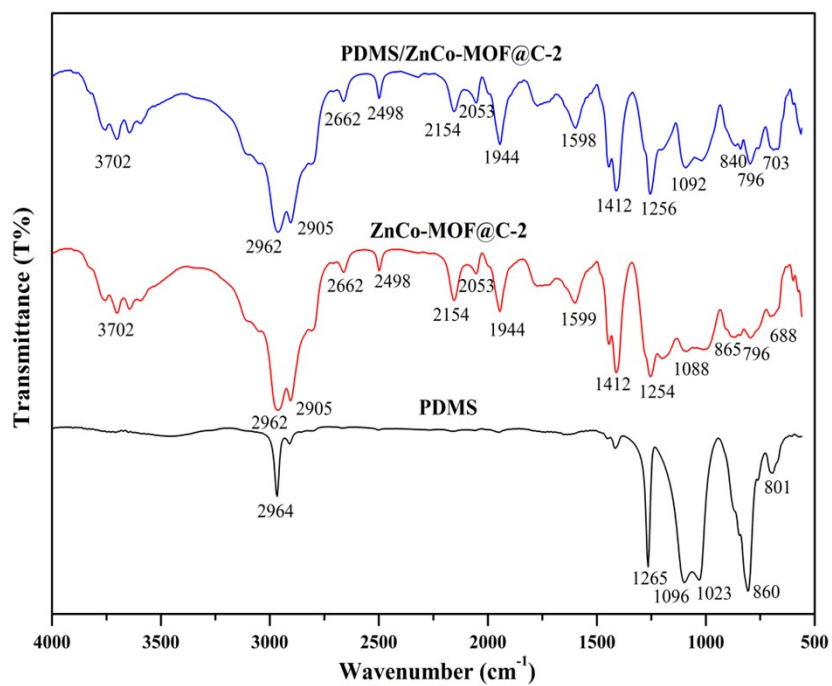


Fig. S1 FT-IR spectra of the as-synthesized materials.

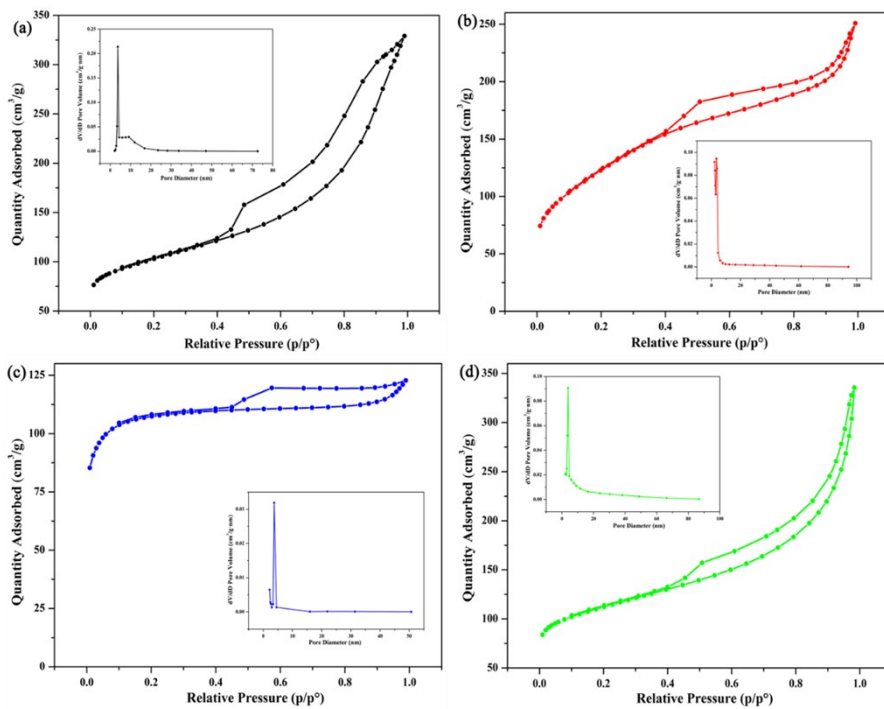


Fig. S2 N_2 adsorption-desorption isotherms and pore size distribution of ZnCo-MOF@C-1 (a) 、 ZnCo-MOF@C-2 (b) 、 ZnCo-MOF@C-3 (c) and ZnCo-MOF@C-4 (d).

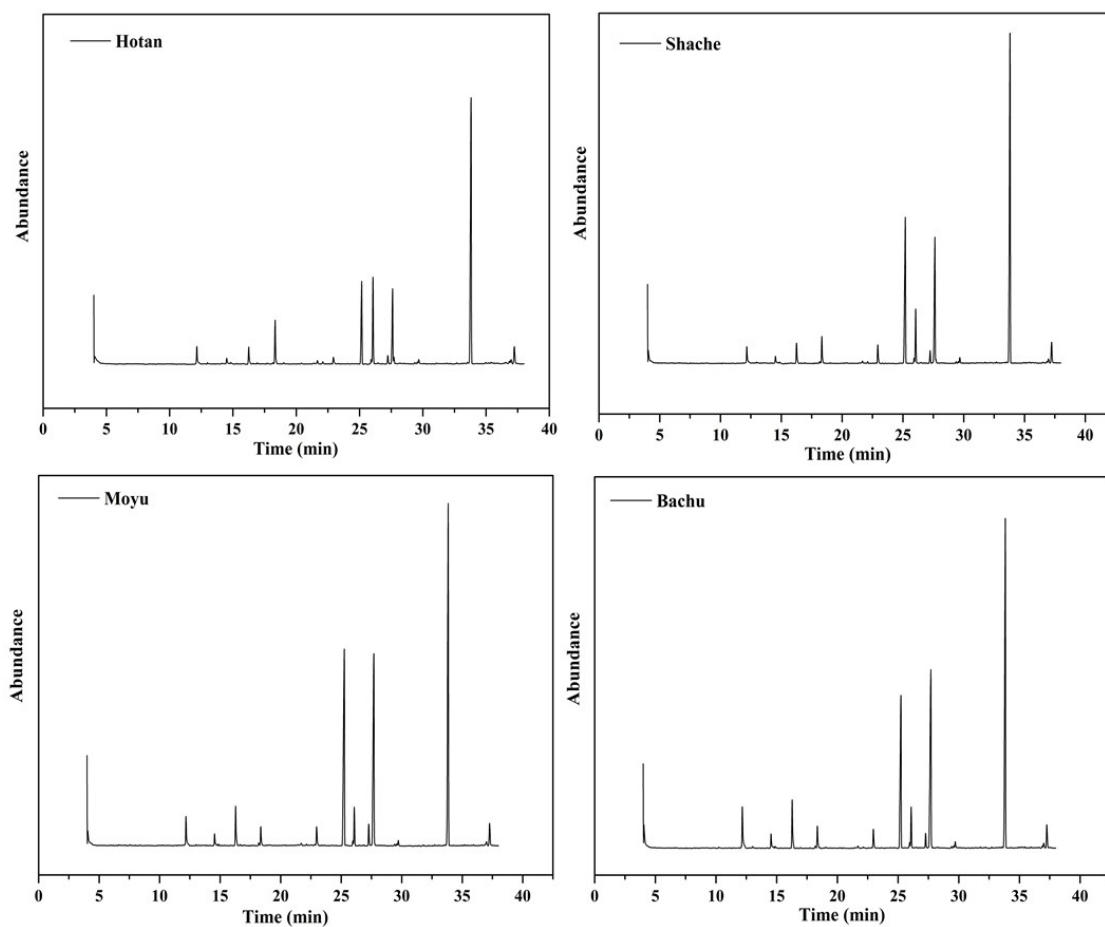


Fig. S3 The total ion chromatograms of volatile compounds in cumin from different origins.