

Supplementary data

Microwave-assisted synthesis of plate-like SAPO-34 nanocrystals with increased catalyst lifetime in the methanol-to-olefins reaction

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Figure S1. XRD patterns of as-synthesized samples

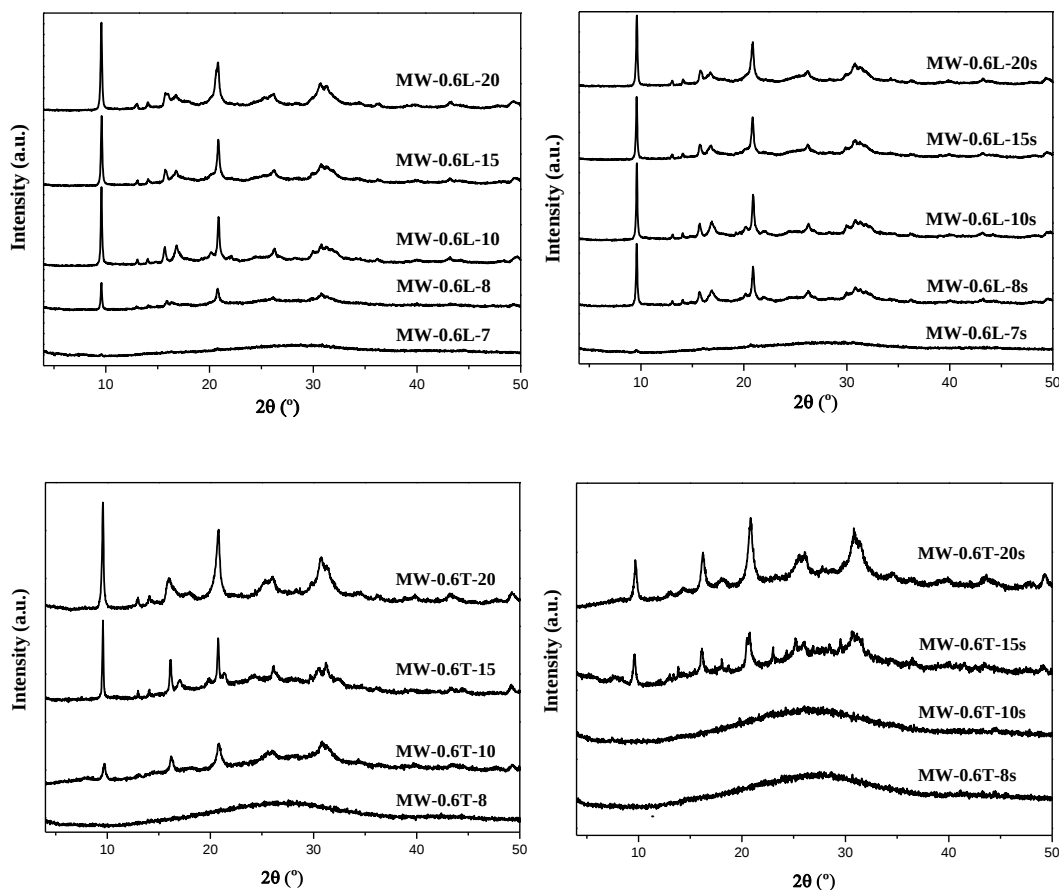


Figure S2. Nitrogen adsorption-desorption isotherms SAPO-34 materials.

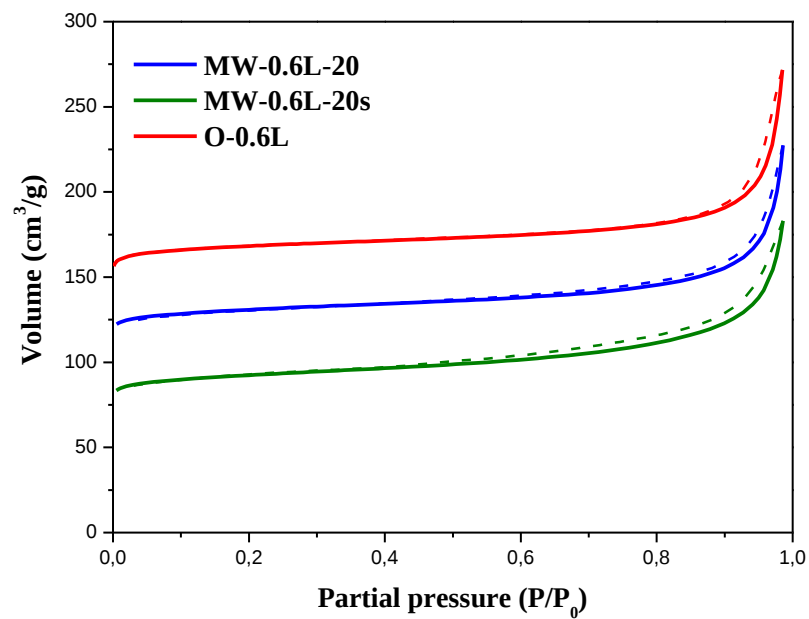
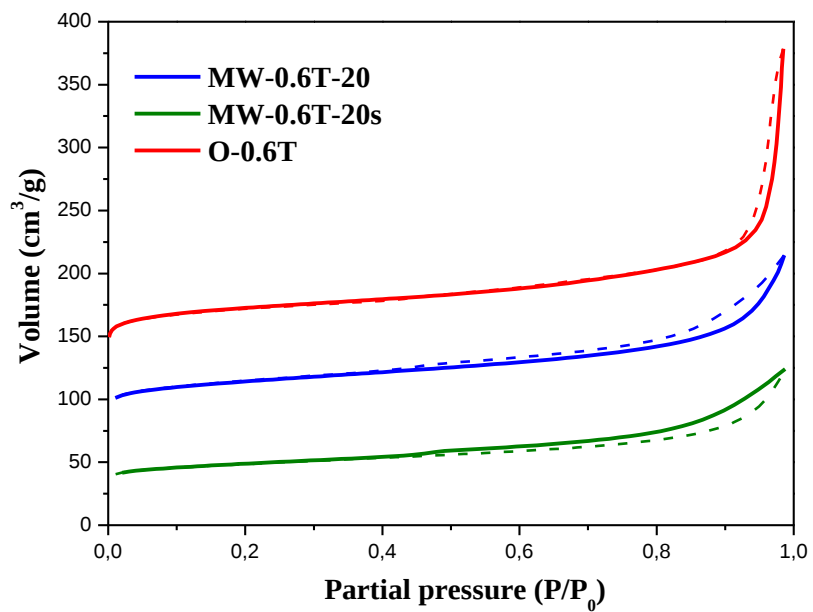


Figure S3. Ethylene/propylene ratio obtained in the MTO reaction at different temperatures as a function of time-on-stream. Test conditions: $T = 623, 673$ and 723 K, $WHSV = 1.2 \text{ h}^{-1}$, 1 g of catalyst.

