

Electronic Supplementary Information

**MnO_x dispersed on attapulgite derived Al-SBA-15: A
promising catalyst for volatile organic compounds
combustion**

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In the Electronic Supplementary Information, the attapulgite is denoted as ATP

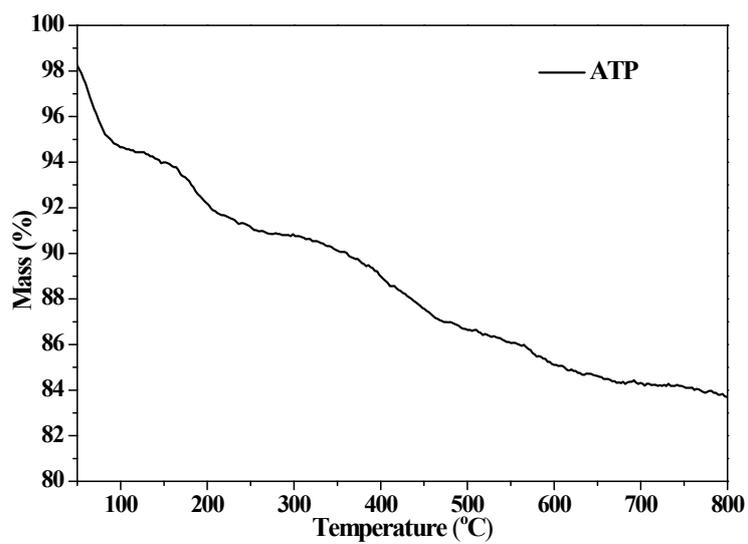


Figure S1. The thermogravimetric of ATP.

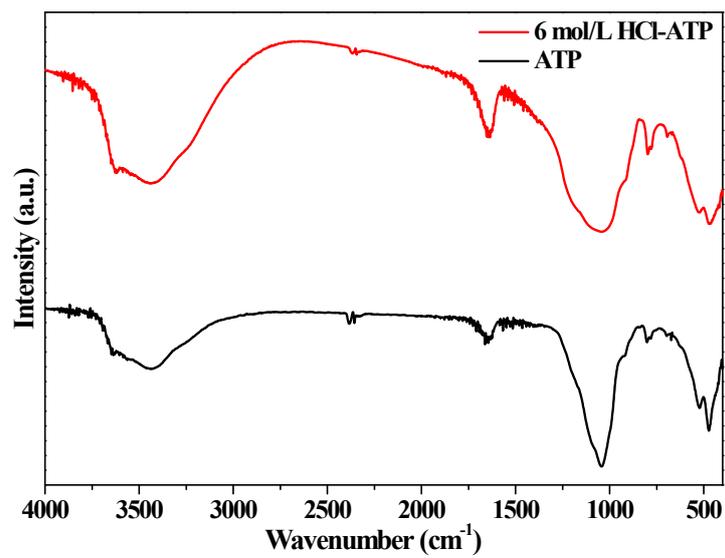


Figure S2. FT-IR spectra of ATP and ATP that acidified by hydrochloric acid.

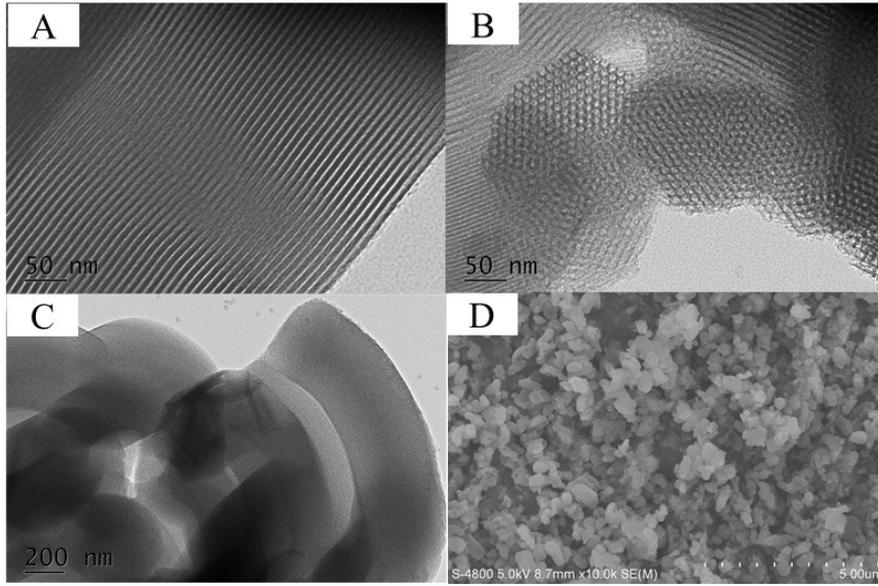


Figure S3. SEM and TEM images of Al-SBA-15.

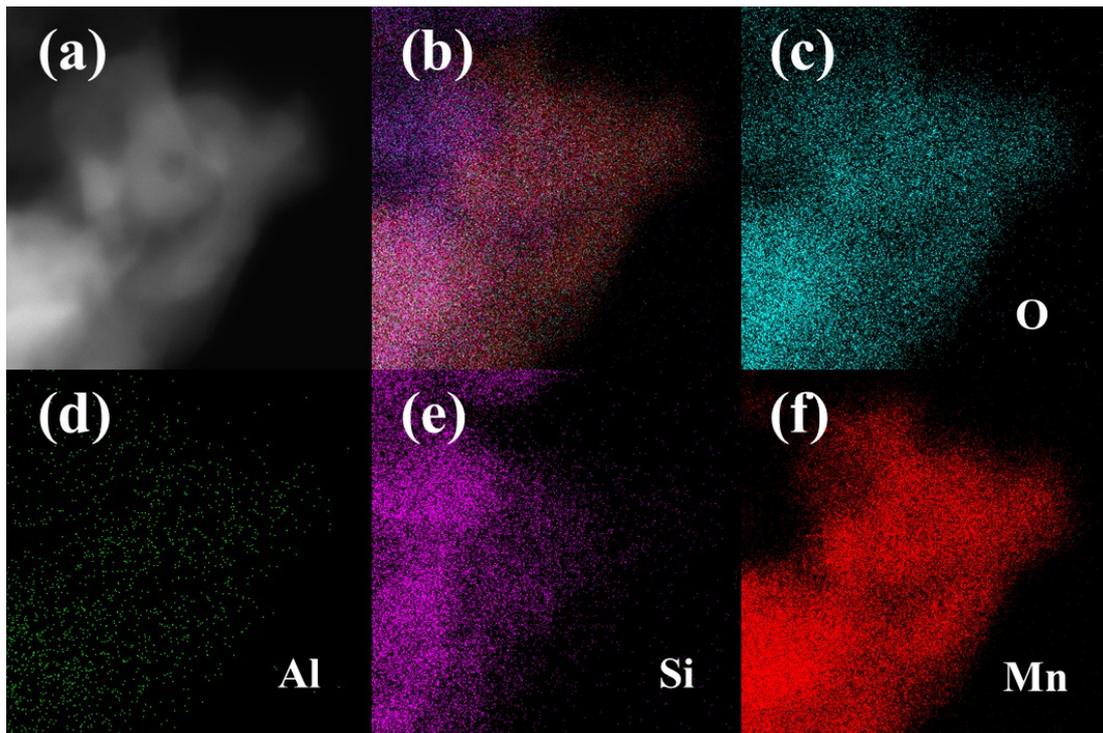


Figure S4. TEM-EDX mappings of 8%Mn/Al-SBA-15 (oxygen (O), aluminum (Al), silicon (Si), manganese (Mn) of the area in (a) and (b)).

Table S1 The chemical composition of ATP and Al-SBA-15 derived by XRF.

Chemical composition	SiO ₂	MgO	Al ₂ O ₃	Fe ₂ O ₃	CaO	K ₂ O	MnO _x
ATP Content (wt%)	54.30	12.71	7.92	4.71	3.42	0.62	0.32
Al-SBA-15 Content (wt%)	95.88	0.08	3.00	0.09	0.02	0.05	0.04