

Mutual influences between organic matter and minerals during oil shale pyrolysis

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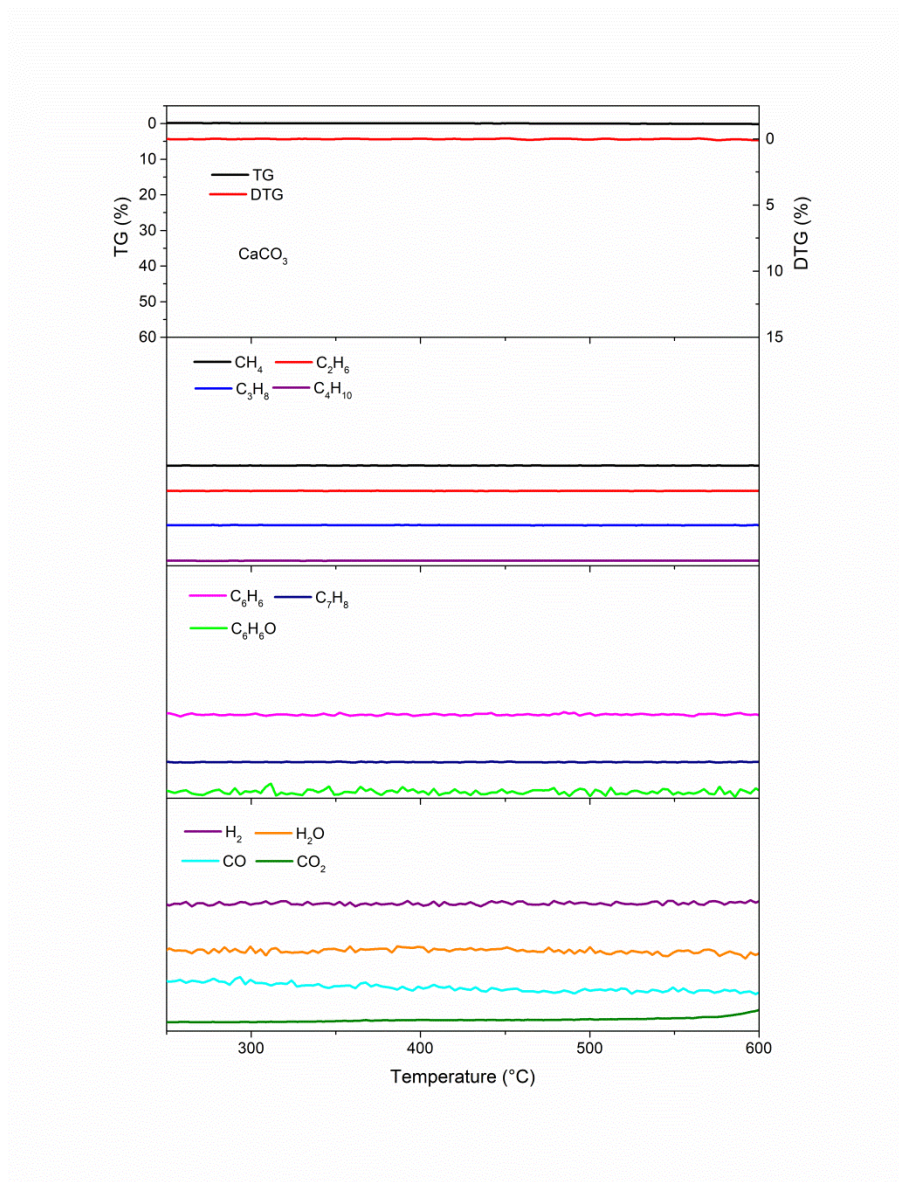


Figure S1. Results of TG/DTG and light volatile products detected by MS during pyrolysis of CaCO_3 .

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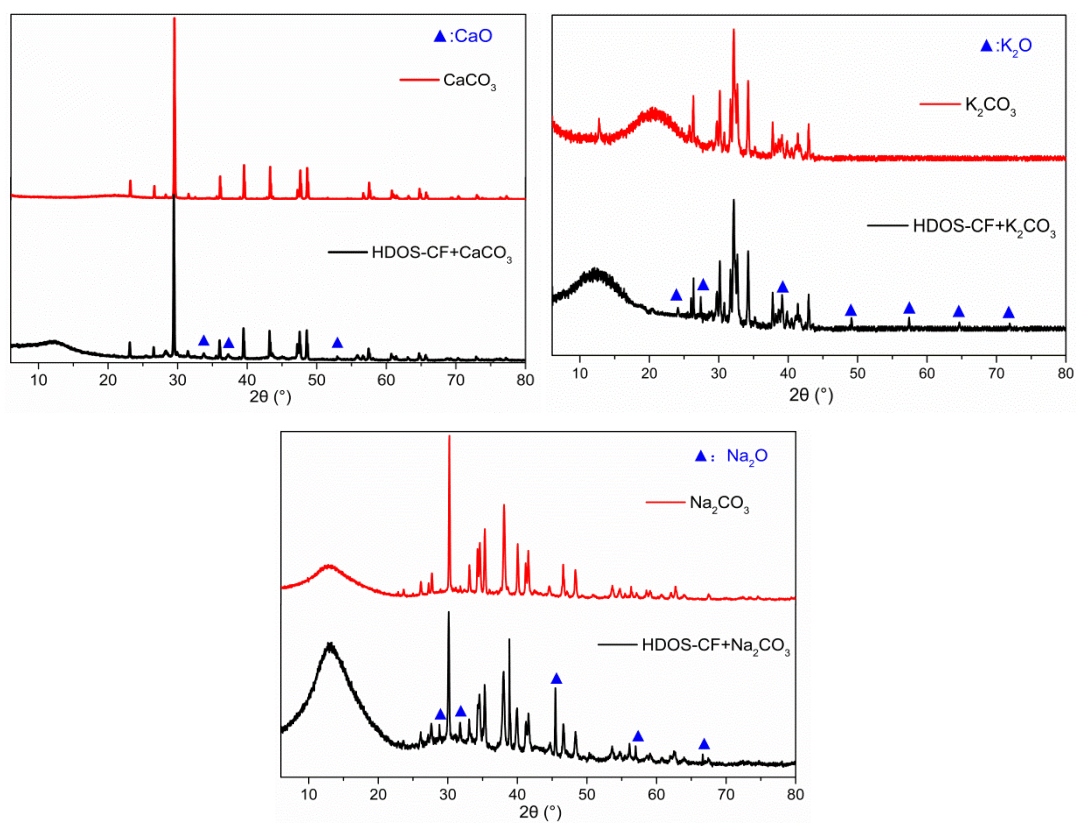


Figure S2. XRD patterns of the solid products of individual pyrolysis of CaCO_3 , K_2CO_3 and Na_2CO_3 and co-pyrolysis of HDOS-CF with these carbonates.

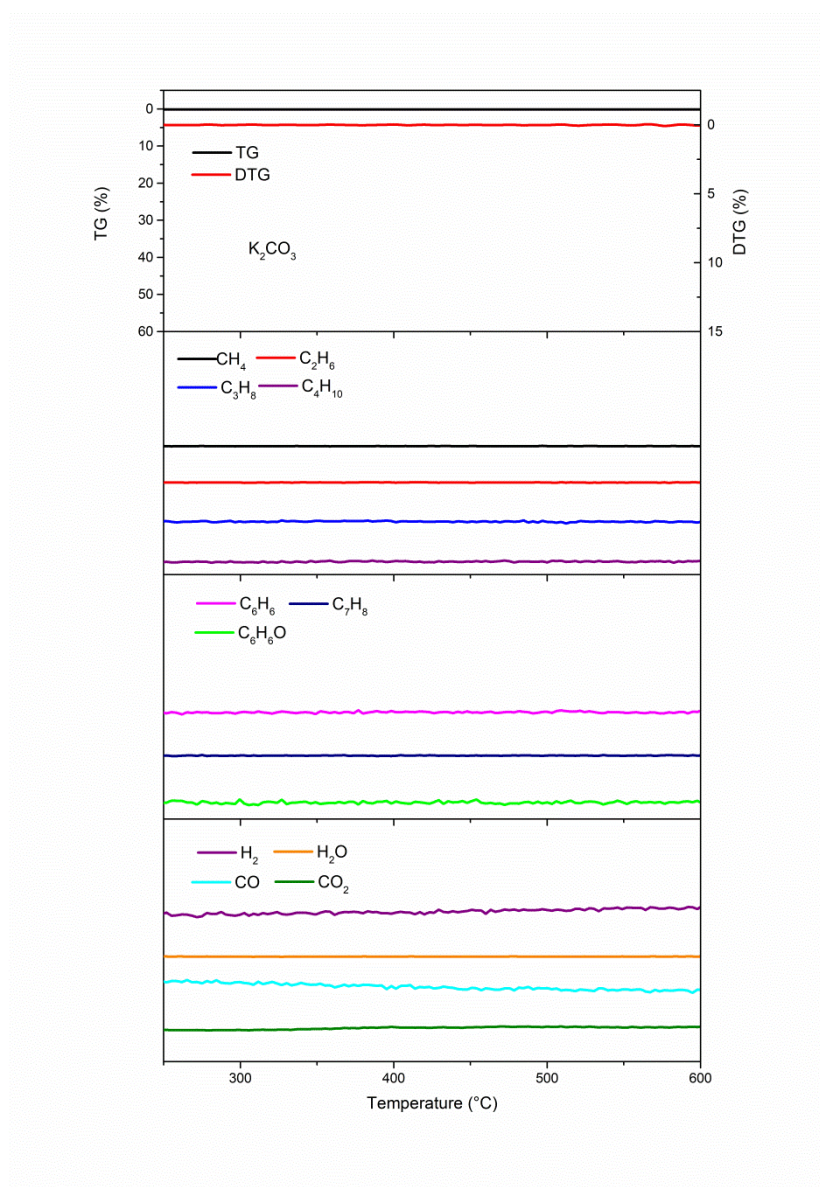


Figure S3. Results of TG/DTG and light volatile products detected by MS during pyrolysis of K_2CO_3 .

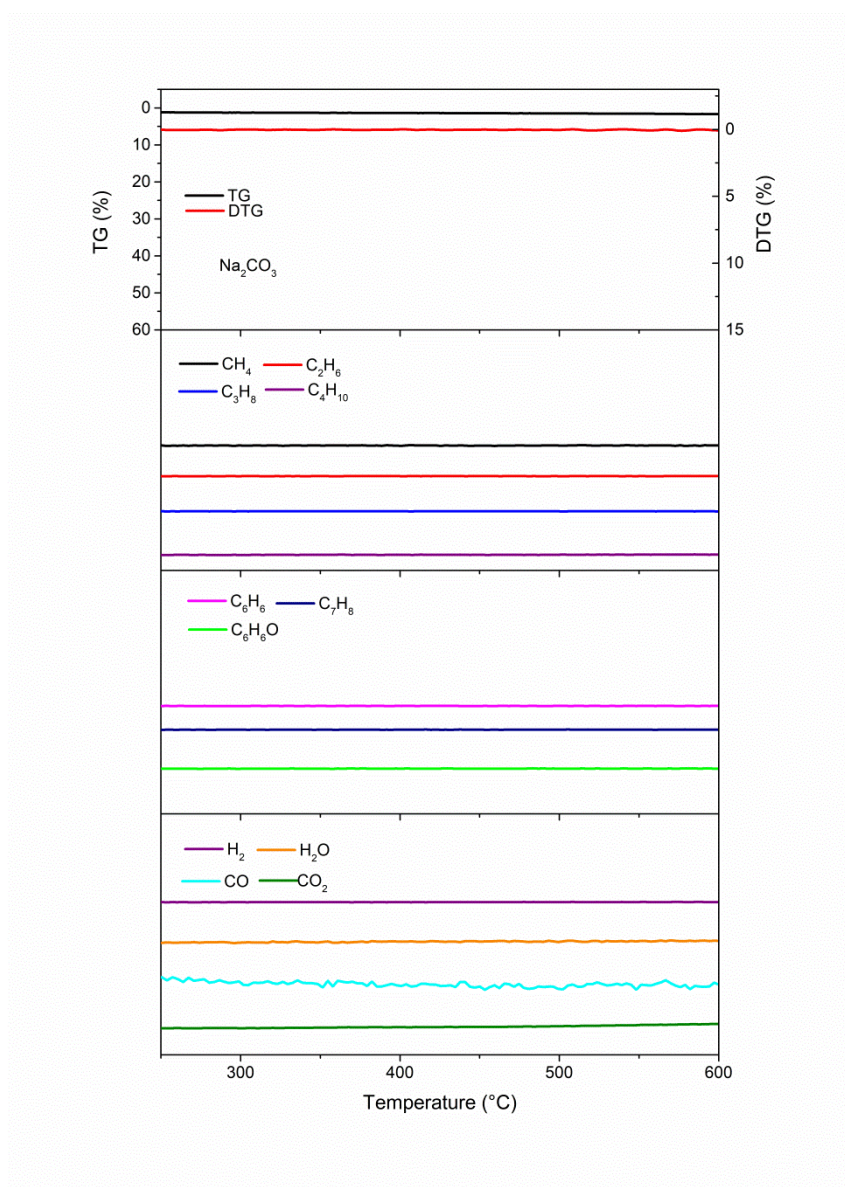


Figure S4. Results of TG/DTG and light volatile products detected by MS during pyrolysis of Na_2CO_3 .

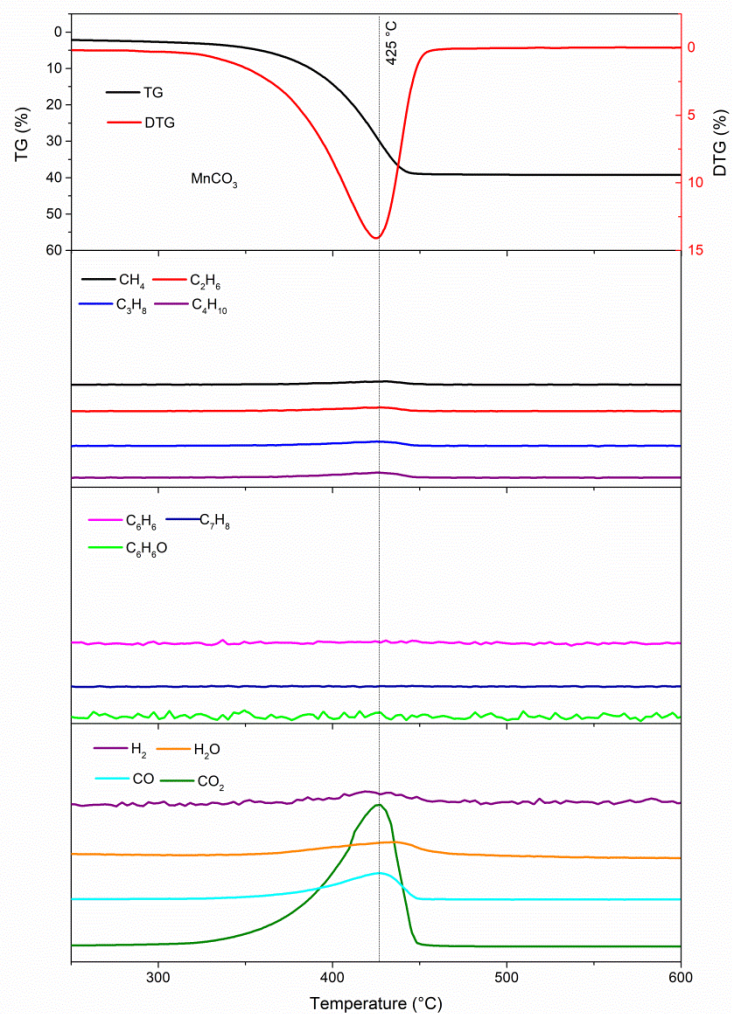


Figure S5. Results of TG/DTG and light volatile products detected by MS during pyrolysis of MnCO_3 .

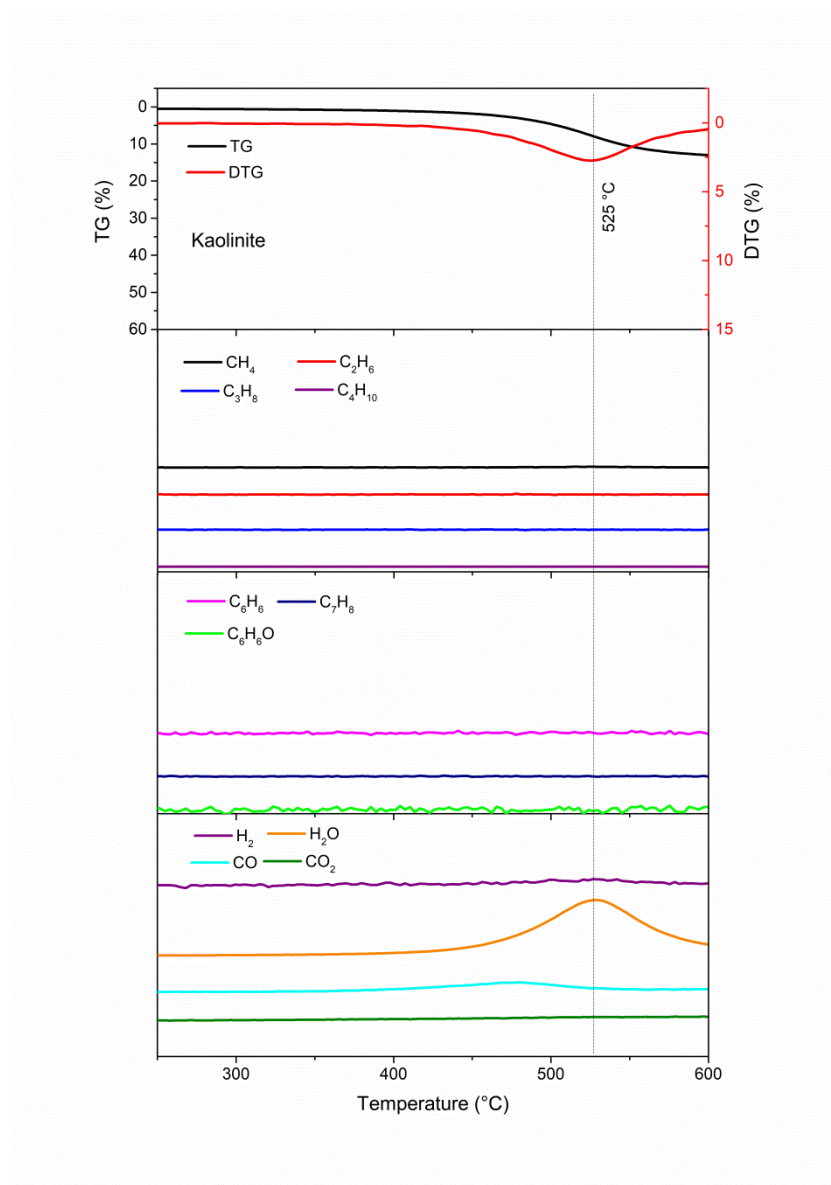


Figure S6. Results of TG/DTG and light volatile products detected by MS during pyrolysis of kaolinite.

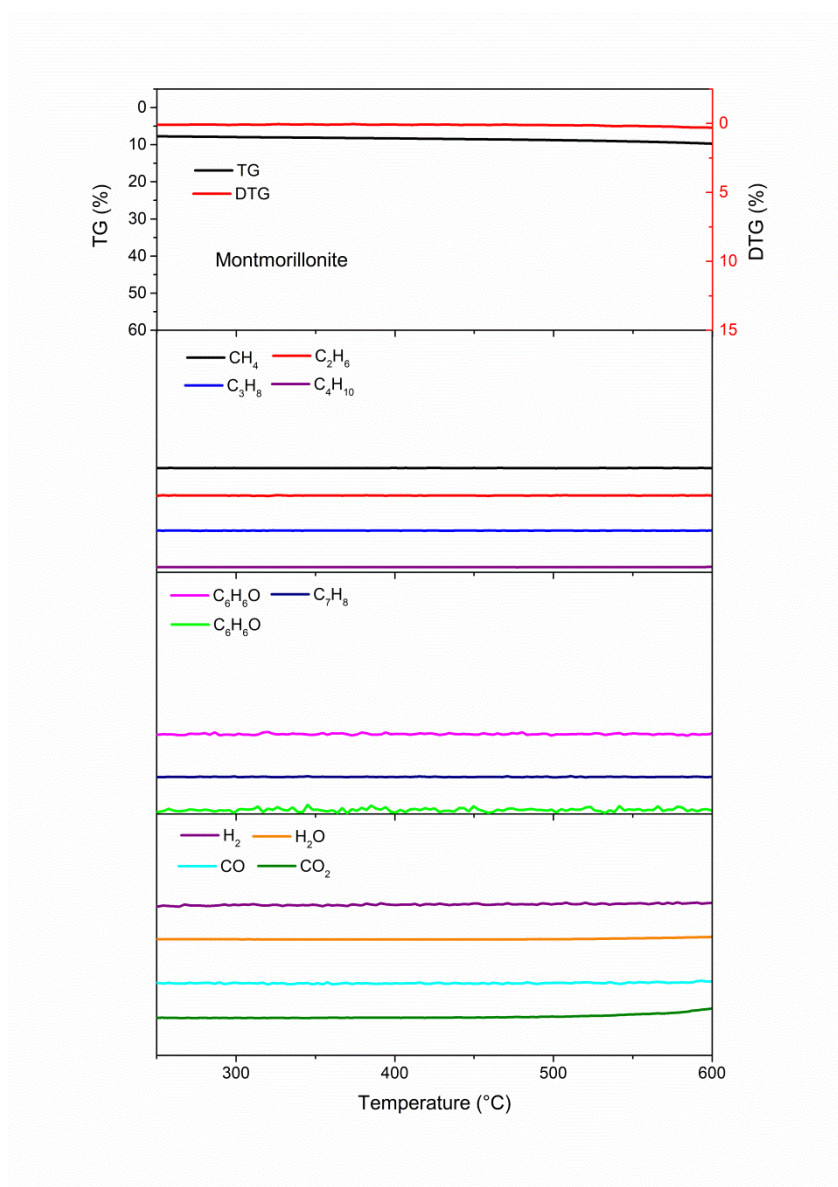


Figure S7. Results of TG/DTG and light volatile products detected by MS during pyrolysis of montmorillonite.

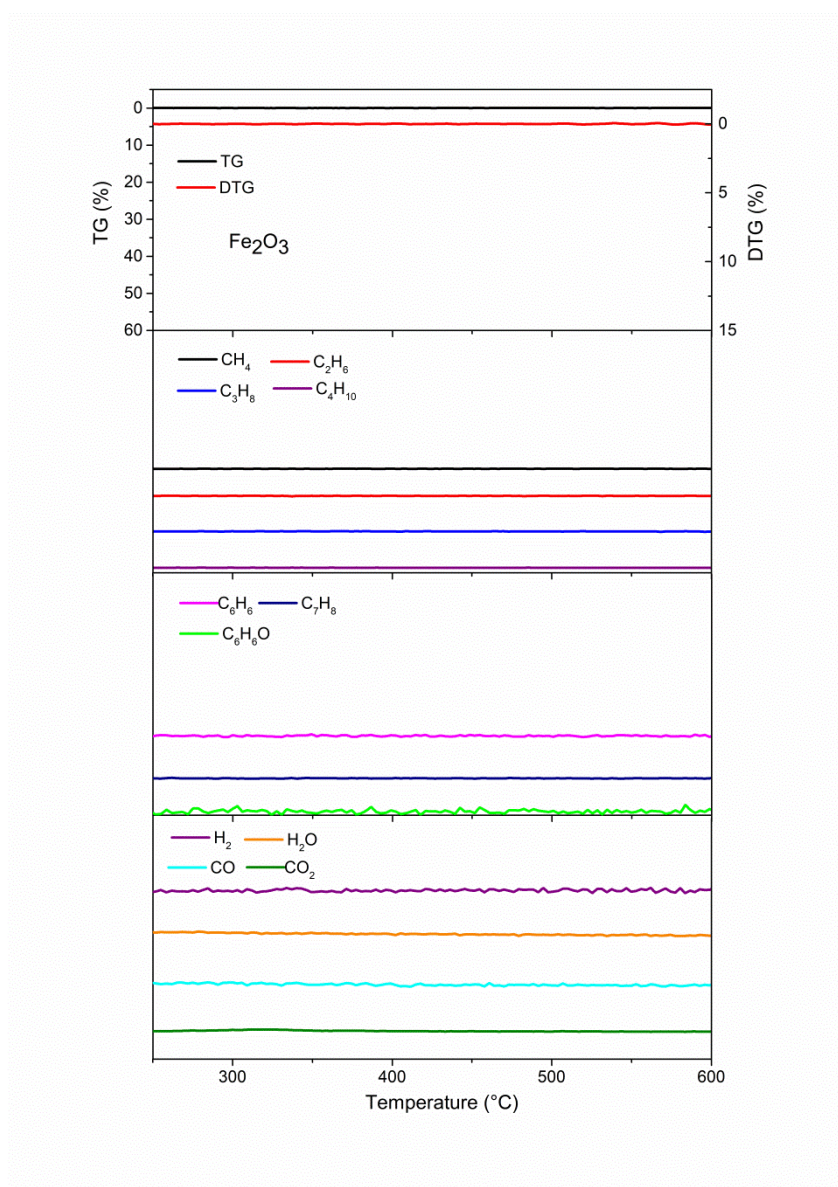


Figure S8. Results of TG/DTG and light volatile products detected by MS during pyrolysis of Fe_2O_3 .

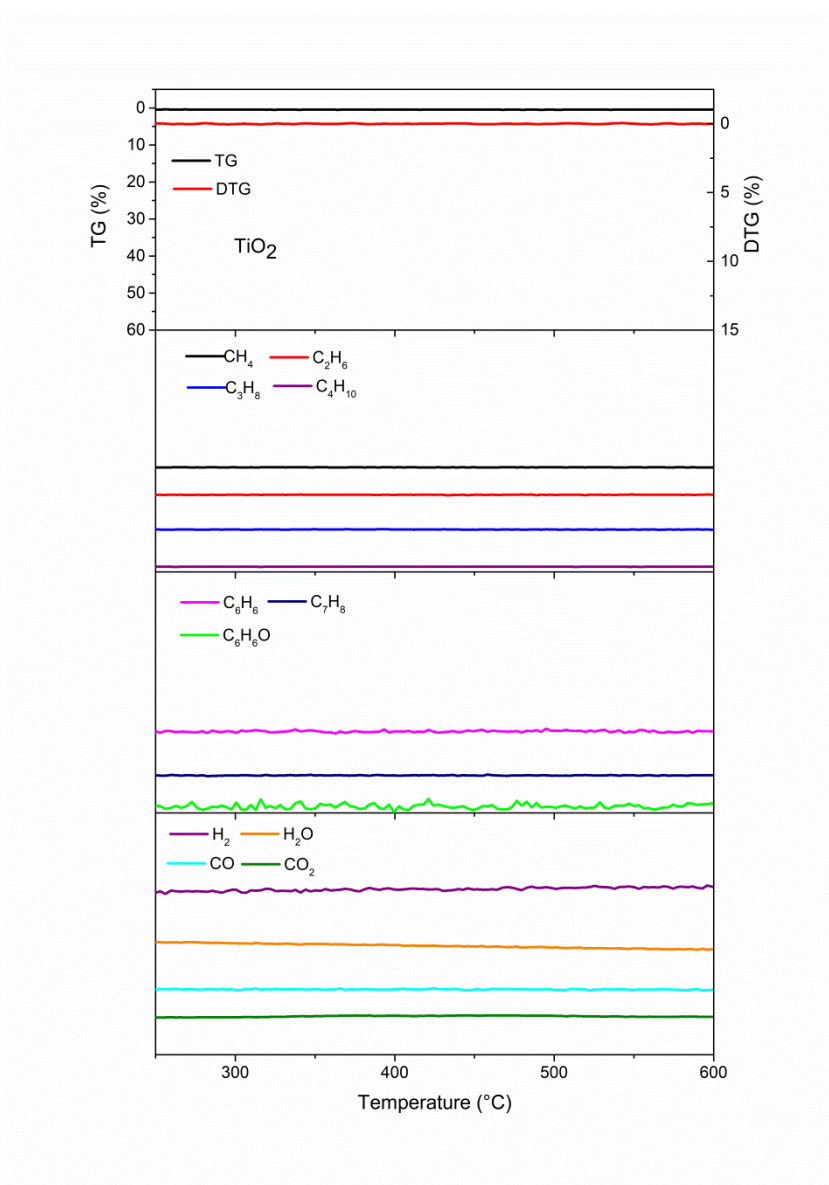


Figure S9. Results of TG/DTG and light volatile products detected by MS during pyrolysis of TiO_2 .