Supplementary material



Figure S1. TPD profiles following ¹²CH₃¹³CH₂OH adsorption on Mn0.05Ce0.95 catalyst



Figure S2. TPD profiles following ¹²CH₃¹³CH₂OH adsorption on Mn_{0.15}Ce_{0.85} catalyst



Figure S3. TPD profiles following ¹²CH₃¹³CH₂OH adsorption on Mn_{0.50}Ce_{0.50} catalyst



Figure S4. TPO profiles following ¹²CH₃¹³CH₂OH adsorption on Mn0.05Ce0.95 catalyst



Figure S5. TPO profiles following ¹²CH₃¹³CH₂OH adsorption on Mn0.15Ce0.85 catalyst



Figure S6. TPO profiles following ¹²CH₃¹³CH₂OH adsorption on Mn_{0.50}Ce_{0.50} catalyst