

## **Response to the editor's comment on acp-2020-1228.**

As suggested we have made a change to the abstract text:

Old:

However, the estimated number of sprites needed to explain the observed HO<sub>2</sub> enhancements is unrealistically large. The estimated number of sprites that occurred near to the SMILES measurement volumes is much smaller.

New:

However, the number of sprites needed to explain the observed HO<sub>2</sub> enhancements is unrealistically large.