

Dear Urs,

there were no real requests from the referees, only suggestions. We addressed all points and discussed peroxy radical lifetimes, effect of HO₂/RO₂, and extrapolation to atmospheric conditions. Since the paper is already pretty long, we did only minor additions to the text, mainly regarding the findings by Ziemann and coworkers and two of the requested missing references. All minor corrections were considered.

Moreover, we discovered that in Figure 7 the largest peak at 420 Da was cut off and changed the Figure accordingly.

All changes to the original manuscript are highlighted in the revised manuscript.

With best regards!

Thomas