

We appreciate the time and thoughtful feedback provided by the editor. The editor's comments are shown below in black, with our detailed responses in blue.

Public justification (visible to the public if the article is accepted and published):

Dear authors, many thanks for revising your manuscript following the comments. There is one more correction to be done :

in Lines 258-259: 'net O₃ molecule ' why 'net' ? please remove the 'net'.

- As suggested, the word "net" has been removed. The sentence now reads "...since each such conversion yields an O₃ molecule upon subsequent NO₂ photolysis."

After this correction, the manuscript can be accepted for publication in ACP.

I would further suggest re-uploading an updated version of the supplementary material for which you use page breaks between Tables to avoid that Tables are broken in two pages.

kind regards, the editor.

- Page breaks have been inserted between tables in the supplementary material, and the updated version has been re-uploaded. A few tables exceed a single page in length and unavoidably continue across two pages. These have been arranged so that breaks fall between sub-sections rather than within individual reaction blocks, to preserve readability.