

Dear Editor

thank you for helping us to improving the manuscript.

All your suggestions and corrections were considered.

Individual changes are highlighted in grey in the corrected manuscript, multiple (automated changes) were not highlighted. Thank you again.

Best regards !

Thomas Mentel

Comments to the Author:

Items to correct, plus a few suggestions;

P 2 | 15: replace degree by degrees

*done*

P 3 | 18: replace different than that from by different from that for

*done*

P 3 | 26: replace in cluster with by in clusters with

*done*

P 3, end: I prefer semi-volatile, low volatility organic compounds, and intermediate volatility organic compounds but I leave this up to you.

*done*

P 4: you might consider citing A.P. Praplan, P. Barmet, J. Dommen, U. Baltensperger, Cyclobutyl methyl ketone as a model compound for pinonic acid to elucidate oxidation mechanisms, Atmos. Chem. Phys., 12, 22, 10749-10758, 2012 (just a suggestion)

*Prablan et al. added as reference for rearrangement in related systems.*

P 5, | 9: 1450L add space between number and unit, also other instances in the manuscript

*homogenized throughout the manuscript, preference spaces (not highlighted)*

P 5, | 10: T=: all symbols should be italic (throughout manuscript)

*done at two instances*

P 5, | 11: 1450 l use consistently L for liter, also other instances in the manuscript

*done*

P 6 | 23: O-atoms: use consistently O atoms, C atoms without hyphen, also other instances in the manuscript (or the other way round if you prefer).

*homogenized throughout the manuscript, preference hyphen (not highlighted in manuscript)*

P 7, | 32: Note, that: no comma for that (plus other instances in the manuscript)

*done at several instances (not highlighted in manuscript)*

P 8, | 1: peroxy radicals: add .

*done*

p 9, | 16: Table 2a: add .

*done*

p 10, | 19: replace in range by in the range

*done*

p 14, l2: replace prodcuct by product

*done*

p 18, l 17: replace that would by which would

*done*

p 19, l 5: replace hydoxy by hydroxy

*done*

p 19, l 28: replace from te by from the

*done*

p 20, l 4: replace which contain by that contain

*done*

p 22 l 28: replace was threshold by was a threshold

*done*

p 23, l 1: replace to recently discussed by to the recently discussed

*done*