

We thank the editor for spotting the typos and formatting errors (now corrected) listed below.

P1, L11: is largely unknown -> are largely unknown

Corrected

P1, L13-14: use KOH instead of k4 and KO3 instead of k6 in the abstract

Corrected

P1, L20: e.g. by biomass burning -> for example, in presence of biomass burning

Corrected to e.g. influenced by biomass burning

P2, L3: (Huber et al., 2007), is emitted -> (Huber et al., 2007). It is emitted

Corrected

P2, L10: of carbon suboxide -> of carbon suboxide in more detail

Corrected

P2, L19: in a similar manner to described previously -> as described previously

Not corrected, we do not follow the exact method described previously as would be implied by "as described previously", the difference is noted in the next sentence.

P3, L30: search for all instances of m/z and italicize the ones that are not italicized already

Corrected

P3, L31: mass resolution -> mass resolving power

Corrected

P4, L4: e.g. 1 hour -> e.g., 1 hour (also search for other instances of "e.g." which should be surrounded by commas)

This is not necessary since Oxford English grammar is accepted by ACP. (<https://en.oxforddictionaries.com/definition/e.g.>). Note this seems to be stylistic preference (rather than a rule of grammar) found in American English and not in British, which may explain the difference in opinion.

P5, L8: i.e. -> i.e., [also search for other instances of "i.e." which should be surrounded by commas]

This is not necessary since Oxford English grammar is accepted by ACP. (<https://en.oxforddictionaries.com/definition/i.e.>)

Note this seems to be stylistic preference (rather than a rule of grammar) found in American English and not in British, which may explain the difference in opinion.

P5, L12: covers -> covered [there are a few other issues with consistency of verb tenses in this section]

Corrected

P6, L9: Boyles law -> ideal gas law [Boyles law is something else]

Corrected

P9, L23: Is the statement that INT8 has a fairly mobile hydrogen atom a guess or based on calculations? It is not clear from the text.

This comes from calculations. We now state that the H-shift endothermicity was calculated, as the low isomerisation energy is the main factor driving the mobility.

P10, L12: concentrations were -> partial pressure was

Corrected

P11, L20: There is no previous experimental data -> There are no previous experimental data

Corrected

P12, L29: acid -> acidic

Corrected

P15: Figures 14 appears here twice and also appears again on page 32. Please fix.

This is very odd, a software bug in our pdf maker program, it has been corrected of course.

All formulas: did not display correctly in the PDF but hopefully ACP formatting will fix that

We will pay attention to this in the proofs but in the most recent pdf they are all correct.

All figures some of the figures appear to have low resolution – generating images with higher dpi is recommended for the final publication

All figures will be sent separately at least 300 dpi.

Figure 1: figure background color should be white

In the submitted version it is white