Editor: Thank you for your response to the further comments made by Reviewer 1. I just have one quick clarifying question before accepting the manuscript for publication. In the response to comment A3, it is noted that "there is no real delay in SOA formation as a function of [HC]0." However, Figures S9 and S10 show that there is a delay in SOA formation as a function of [HC]0, in which experiments with higher [HC]0 have a larger delta[HC] before any SOA formation is observed?

Dear Dr. Ng,

You are correct. The reviewer was concerned about wall loss affecting SOA yields at low $[HC]_0$ or $\Delta[HC]$ and suggested these plots as a way of visualizing a potential effect. As you note, if anything, there is a delay at higher $[HC]_0$ in that it takes a larger delta HC to start forming SOA. This is not related to wall loss, but OH levels in the higher $[HC]_0$ experiments. We responded to the reviewer in the context of the wall loss question. It is more accurate to say that "there is no real delay in SOA formation at low $[HC]_0$ that would be suggestive of vapor wall loss".

Thank you for your attention to detail in handling this manuscript. Since no edits were made to the manuscript, the last submitted version 3 was submitted again with this reply.