

The authors did a good job in considering the comments from both referees. I therefore recommend that the paper should be published soon in ACP after considering the following minor comments:

- 1) I think it is confusing to report normalized signals, which are multiplied by an arbitrary factor of 10^5 . It would be better to omit such a scaling factor.
- 2) L67: "the production"
- 3) L300: Please delete the plus sign behind "C5".
- 4) L372: It would be good to discuss briefly why there is little correlation between VOCs and HOMs during the first campaign days.
- 5) L449: Isn't it rather a "morning" peak instead of an "afternoon" peak?
- 6) L478: "sulfuric acid molecules" instead of "sulfuric acid ions".
- 7) Figure 2: Panel B shows two very prominent signals. It would be good to mention what species cause these signals.
- 8) Figure 3: The figure does not show the "concentrations" of HOM but the sum of the normalized signals.