

The authors thank the anonymous referees for their time to review our manuscript. We have made the changes suggested by the reviewers and have outlined these in detail below.

Anonymous Referee #3

Comment on revised version of manuscript “Dicarboxylic acids, ketocarboxylic acids, α -dicarbonyls, fatty acids and benzoic acid in PM_{2.5} aerosol collected during CAREBeijing-2007: an effect of traffic restriction on air quality” by K. F. Ho et al. Generally, the revision of the paper is completed and the misunderstandings and small errors have been corrected. The manuscript is interesting in the sense that it offers the scientific community an opportunity to evaluate the influence of air pollution in megacities on the formation and abundance of SOA. Although the studies contains a relatively small number of data points, the information obtained in the analysis are adequate for publication in ACP.

Response:

Thanks for your comments

The manuscript in its present form is suitable for publication after considering the following minor adaptations:

Line 306. “3.3 Less polluted air versus pollution events” could be changed into: “3.3. Significance of pollution events”, since the title in its present form is unclear; “air versus events”? The term less polluted air is very subjective (as mentioned in the former review), but it is clear the “pollution events” contain serious levels of pollutants. After all, the objective of the study is to evaluate the influence of pollution event and contrast this to moments when the air is less polluted. It would therefore be better to focus on the “significance of pollution events”. In my point of view it does not change anything in the text of the paragraph.

Response:

The title of section 3.3 is revised as suggested by the reviewer.

Line 320. “Ensemble 3 day air mass back trajectory analysis shows that the pollutants were mainly from northeast, passing over southeast or south of Beijing, during heavier pollution events, whereas they were mainly from north or northwest sector during less pollution cleaner events (see Figure 2)” Could be changed into: “Air mass back trajectory analysis shows that the heavy pollution events were related to trajectories from the northeast, passing over southeast or south of Beijing, whereas trajectories from the north or northwest sector were related to less polluted air (Figure 2)”

Response:

Paragraph is revised as suggested by the reviewer.