

Atmos. Chem. Phys. Discuss., referee comment RC2 https://doi.org/10.5194/acp-2022-486-RC2, 2022 © Author(s) 2022. This work is distributed under the Creative Commons Attribution 4.0 License.

## Comment on acp-2022-486

Anonymous Referee #3

Referee comment on "Impact of biogenic secondary organic aerosol (SOA) loading on the molecular composition of wintertime  $PM_{2.5}$  in urban Tianjin: an insight from Fourier transform ion cyclotron resonance mass spectrometry" by Shujun Zhong et al., Atmos. Chem. Phys. Discuss., https://doi.org/10.5194/acp-2022-486-RC2, 2022

Although lots of data have been analyzed and disscussed in the manusript, howover, some additional MS/MS experiments and Kendrick mass defect analysis are encouraged. Please refer specific comments in the attached PDF.

Please also note the supplement to this comment: <a href="https://acp.copernicus.org/preprints/acp-2022-486/acp-2022-486-RC2-supplement.pdf">https://acp.copernicus.org/preprints/acp-2022-486/acp-2022-486-RC2-supplement.pdf</a>