The authors have addressed all my major concerns about the original submission. Now the manuscript can be accepted after the following technical corrections are made.

1. In the response to the 9th comment: when describing the potential overestimation of NO$_2$ by the MoO conversion method, the authors may consider to refer to Xu et al. (2013), who have evaluated the performance of this traditional catalytic conversion method in urban, rural and remote environments.


2. In the response to the 16th comment, “In summer (Fig. 2f), an abnormally high level of Ox was found in winter with low O$_3$”: this sentence is hard to follow. Please revise it.