Comment on acp-2021-851
Anonymous Referee #3

Refereee comment on "Interannual Variability of BVOC Emissions in an Alpine City" by Lisa Kaser et al., Atmos. Chem. Phys. Discuss., https://doi.org/10.5194/acp-2021-851-RC3, 2021

In general, BVOC flux observations are a rare commodity. Even the limited observational datasets are mostly limited to forest environments. Kaser et al. present a city scale BVOC emissions from managed vegetation. They compared differences in BVOC emissions such as isoprene, monoterpenes, and sesquiterpenes from two years illustrating substantial differences in isoprene emissions but not monoterpane and sesquiterpene emissions. They have presented a thorough discussion for the potential causes. The discussion is particularly insightful to further explore the roles of managed vegetations in urban environments in local air quality. In summary, this manuscript is well written and would contribute to expand our knowledge in the atmospheric chemistry community. However, I would like to suggest a further detailed discussion on the differences in flux foot prints between 2015 and 2018 and their roles in differences in isoprene flux. In the 2015 footprint, a green space to the Southeast of the observational site (Figure 1) was exclusivley included and its potential role to the differences in isoprene emission could be highly insightful.