

Supporting information

Molecular composition of biogenic secondary aerosols using ultrahigh resolution mass spectrometry: comparing laboratory and field studies

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2 pages

1 figure (Figure S1 and S2)

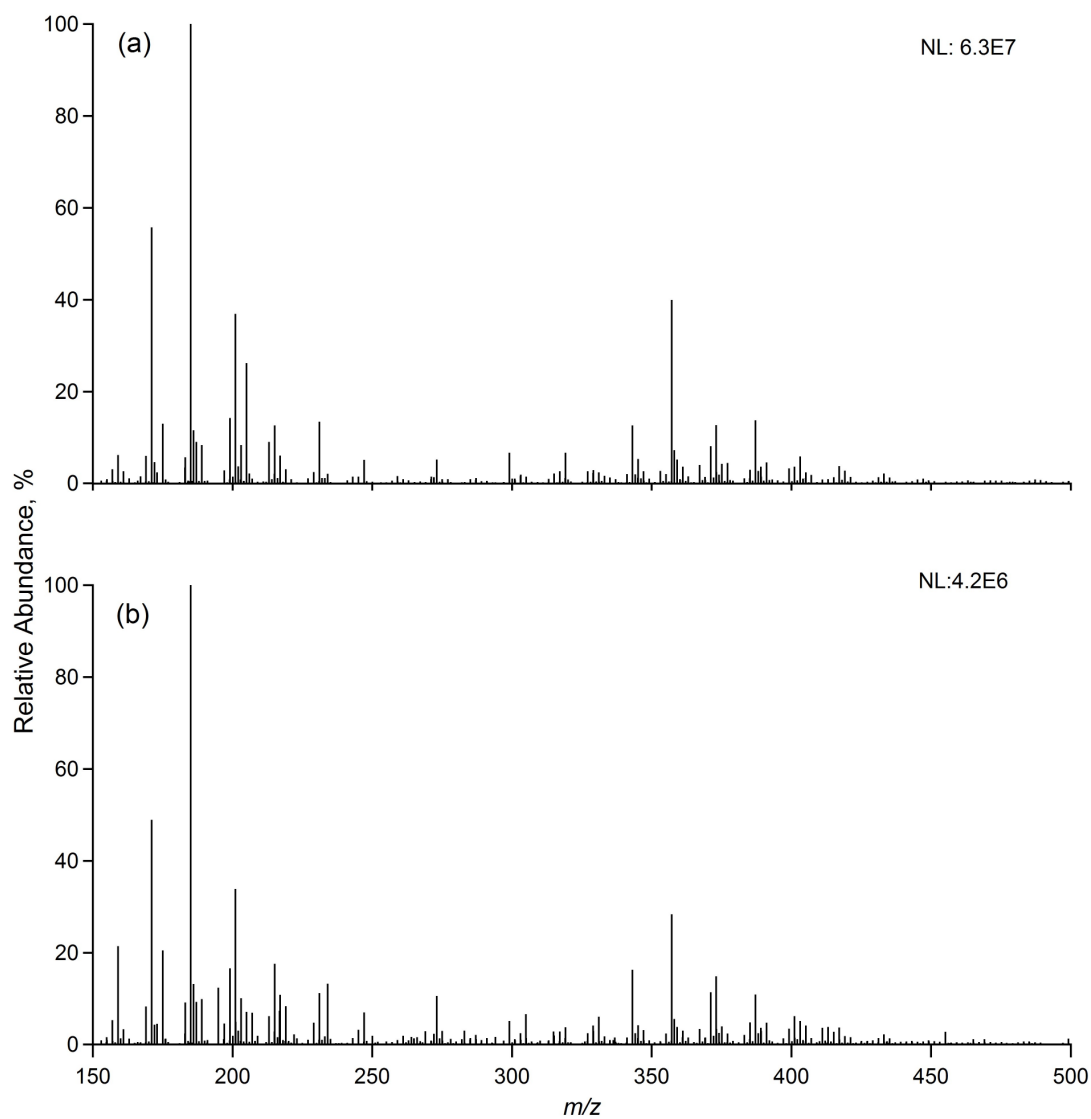


Figure S1. Direct infusion negative-nanoESI-Orbitrap mass spectra obtained for laboratory generated samples from the ozonolysis of α -pinene: (a) control sample, (b) extract mixed with 30% aqueous solution of ammonium sulphate. Abbreviation: NL normalization level.

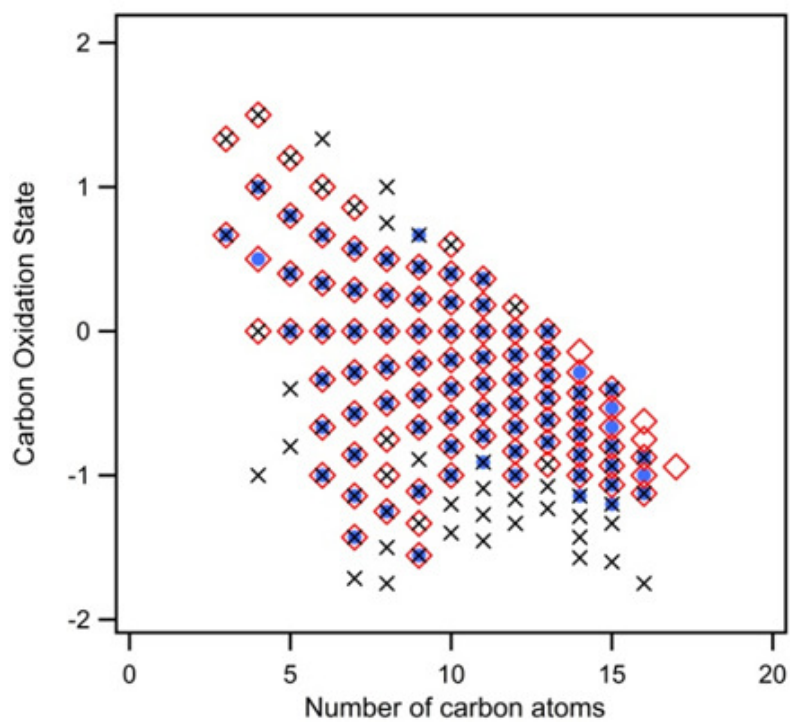


Figure S2. Carbon oxidation state for molecules containing only carbon, hydrogen and oxygen in the α -pinene/ O_3 experiments (filled blue circles), the VOC mixture/ O_3 experiments (red diamonds) and the samples from the boreal forest, Hyytiälä, Finland (black crosses).