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Understanding the transformation pathways of atmospheric aerosols: Some revelations from analytical chemistry techniques

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The detailed chemical composition of atmospheric aerosols plays a key role in understanding their impact on the climate system, yet this information is still poorly understood due to the complicated molecular identity and transformation pathways involved. In addition, aerosol chemistry involved in urban smog pollution also requires detailed analytical characterization. This talk discusses how some analytical techniques can yield insights on aerosol chemical composition.

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