

Supplement of Atmos. Chem. Phys., 19, 3981–4003, 2019
<https://doi.org/10.5194/acp-19-3981-2019-supplement>
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Supplement of

The role of chlorine in global tropospheric chemistry

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Differences in BrO, NO_x, OH, and ozone between model versions

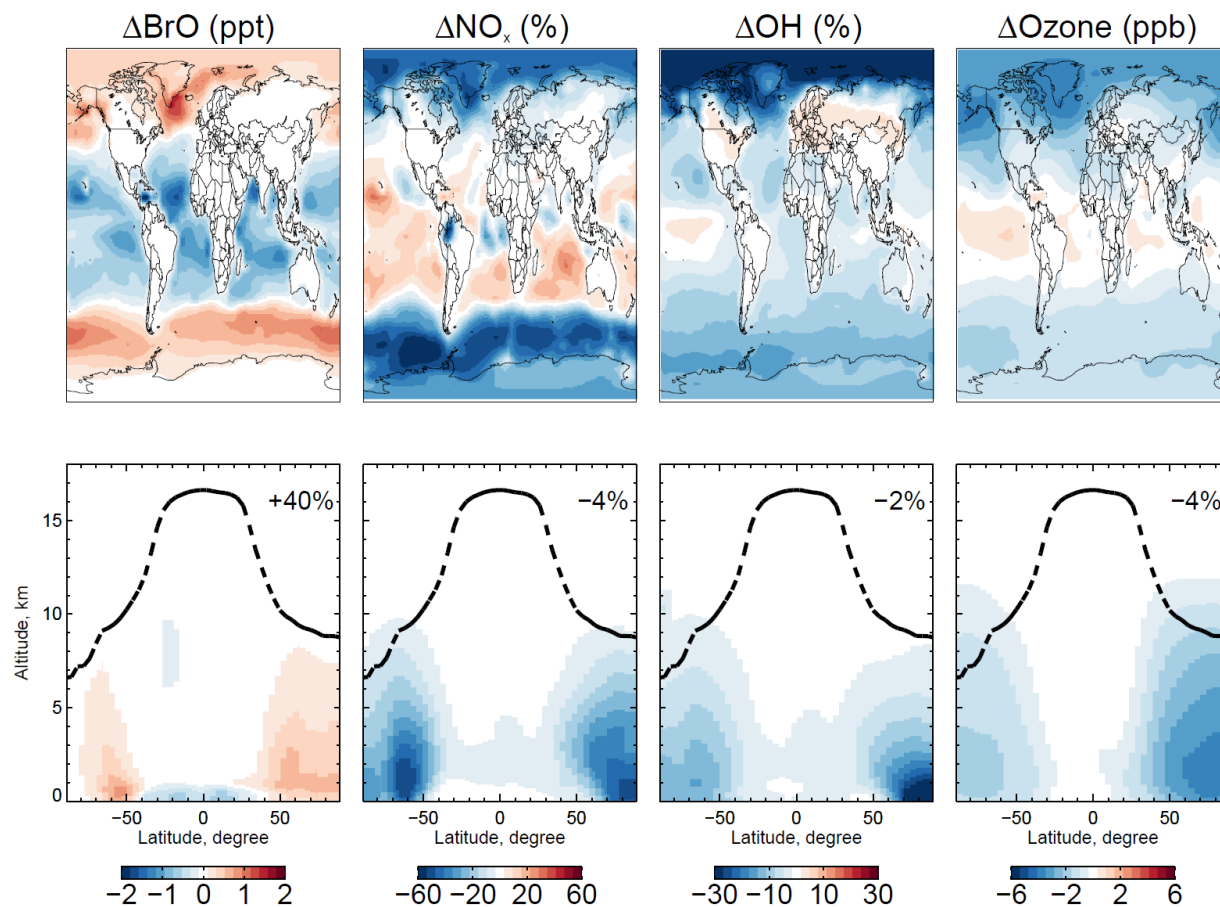


Figure S1: Differences of annual mean BrO, NO_x, OH, and ozone concentrations between our simulation and GEOS-Chem model standard simulation version 11-02d simulation including SSA debromination. The upper panels show the differences in surface air concentrations and the bottom panels show the differences in zonal mean concentrations as a function of latitude and altitude. Black dashed lines indicate the tropopause. Numbers in bottom panels show the global tropospheric mean differences.