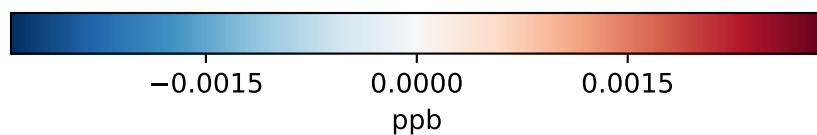
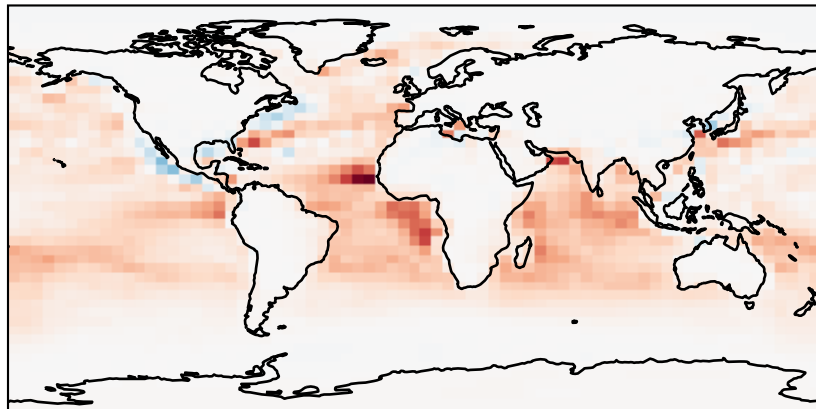
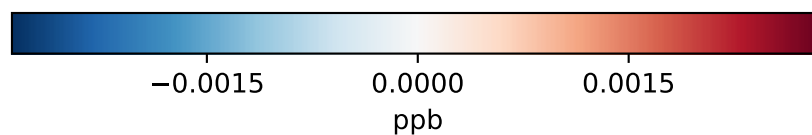
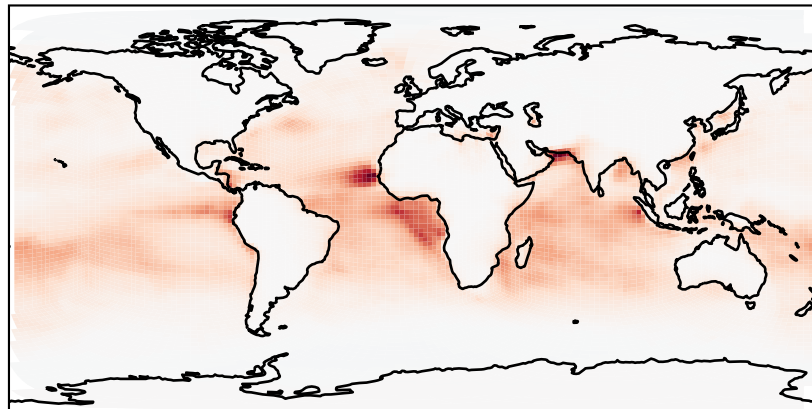


SpeciesConc_ly

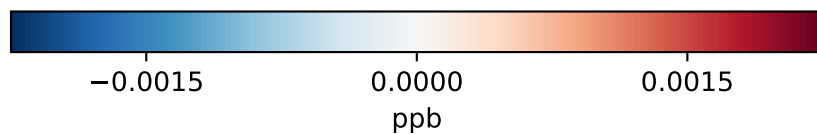
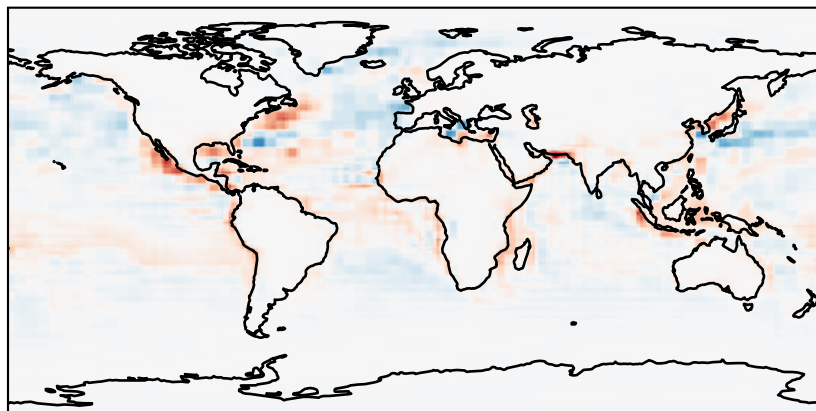
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



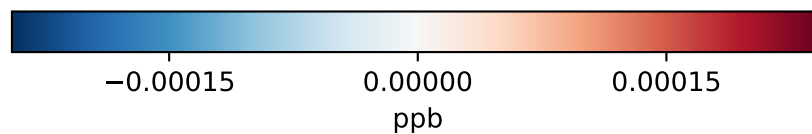
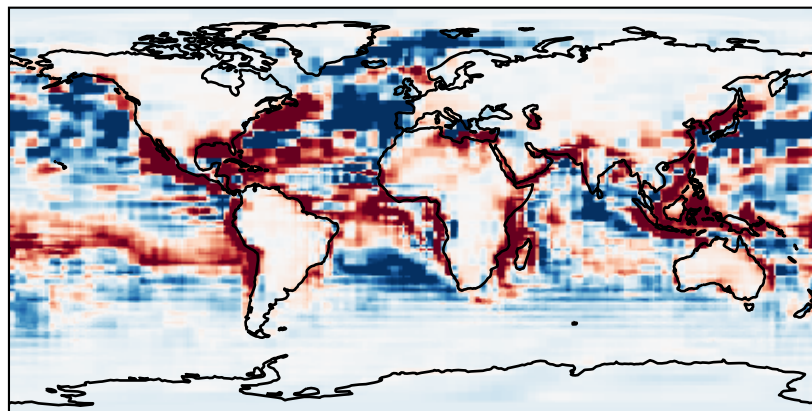
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
c48



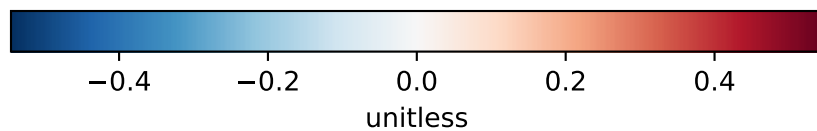
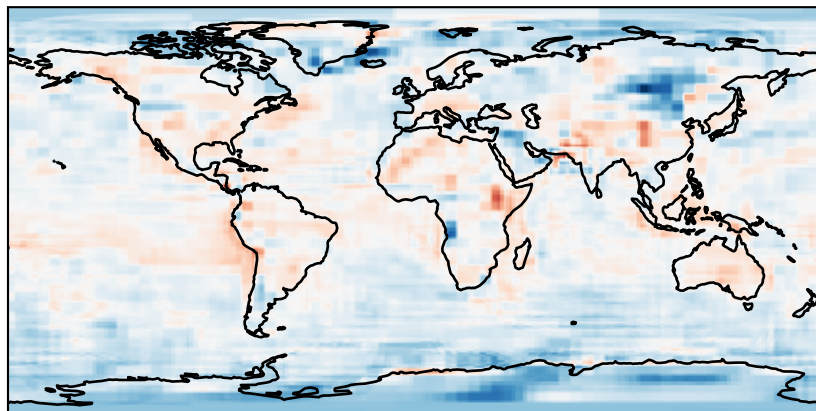
Difference (1x1.25)
Dev - Ref, Dynamic Range



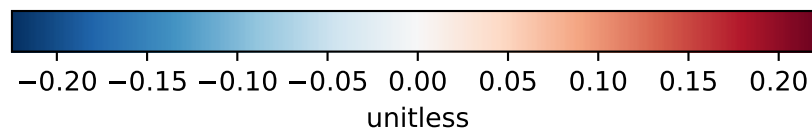
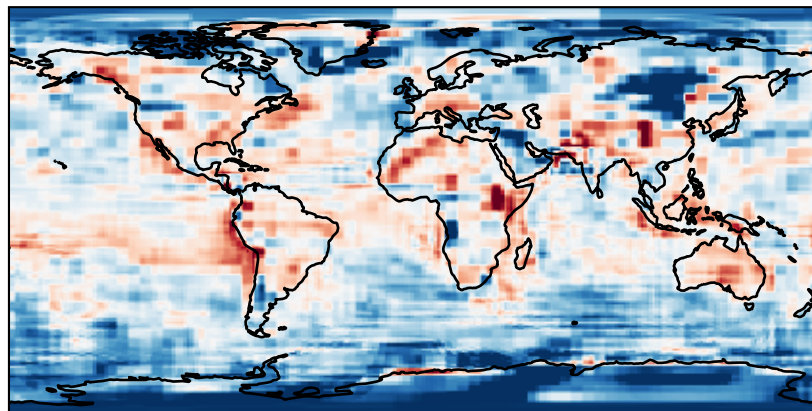
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

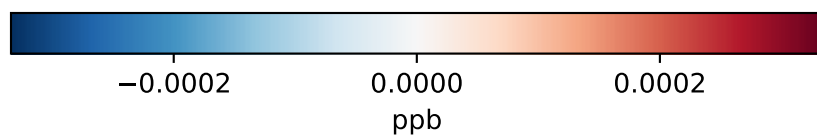
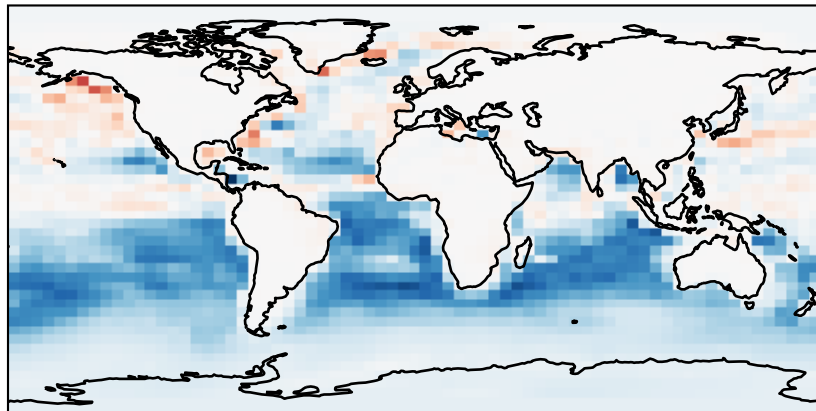


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

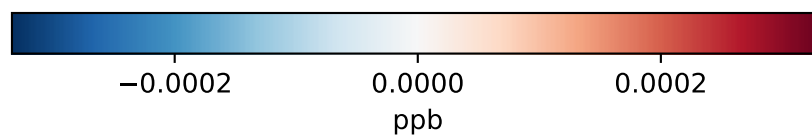
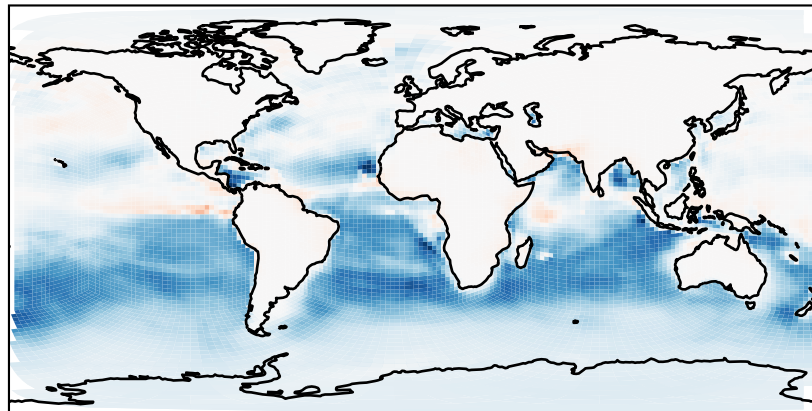


SpeciesConc_IxOy

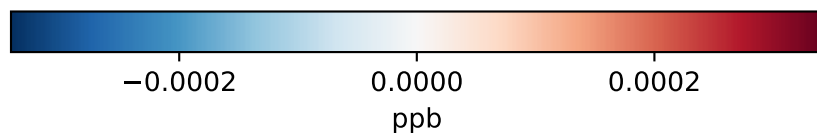
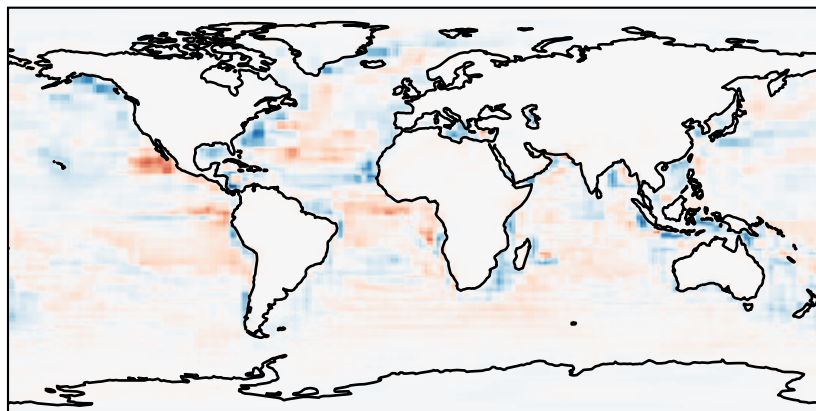
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



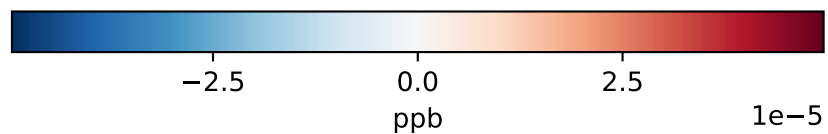
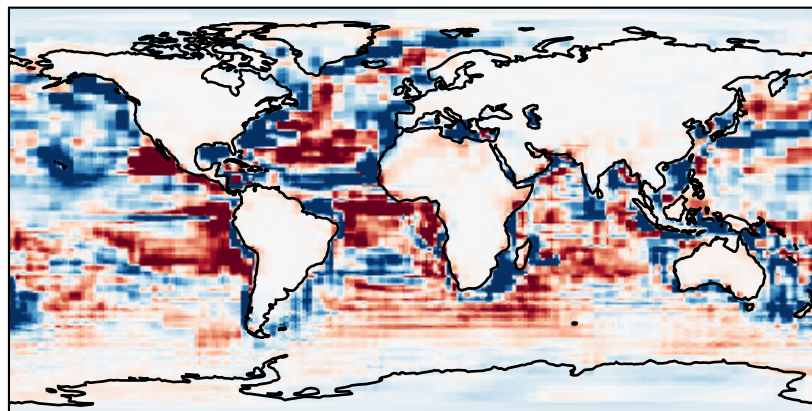
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
c48



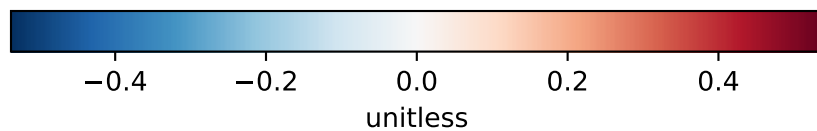
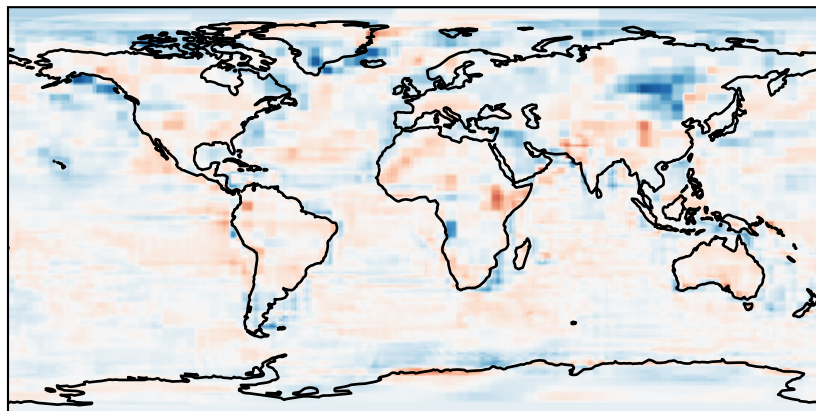
Difference (1x1.25)
Dev - Ref, Dynamic Range



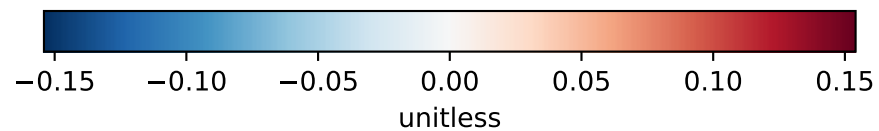
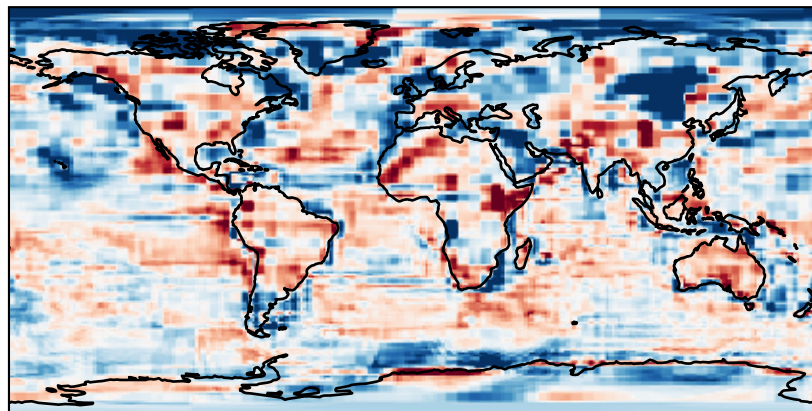
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

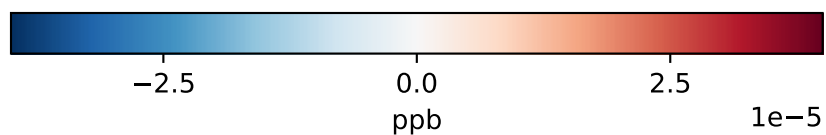
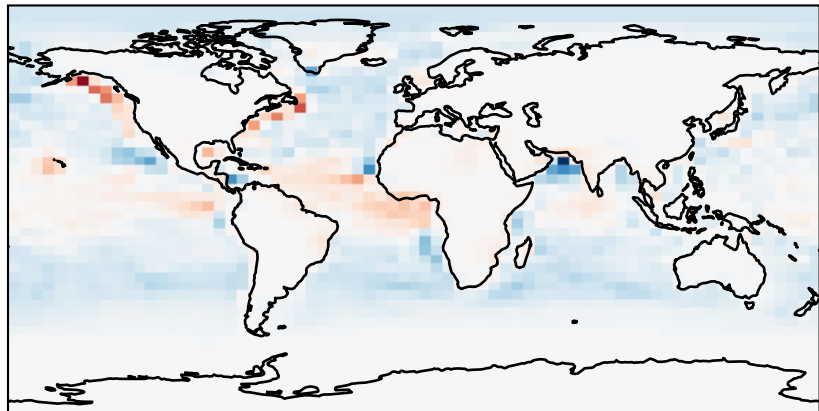


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

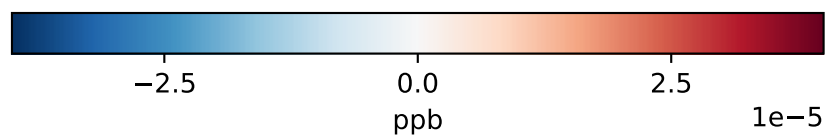
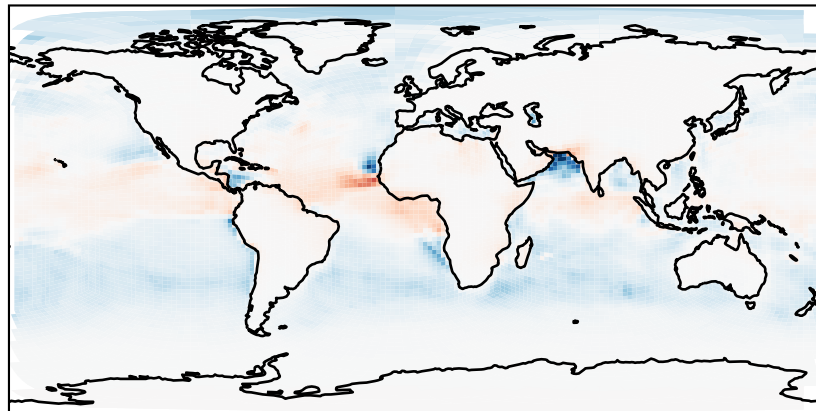


SpeciesConc_I

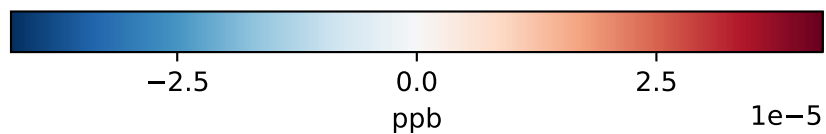
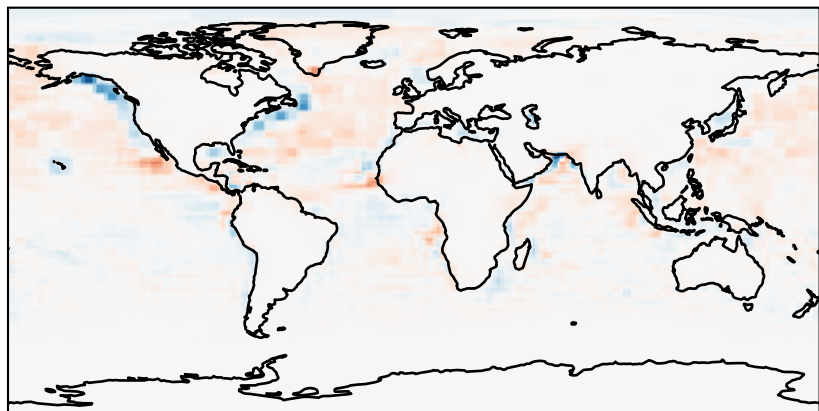
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



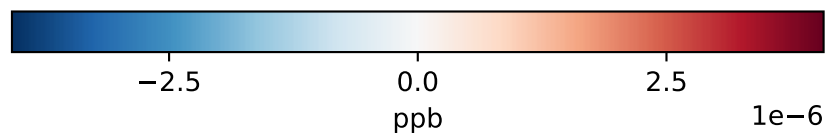
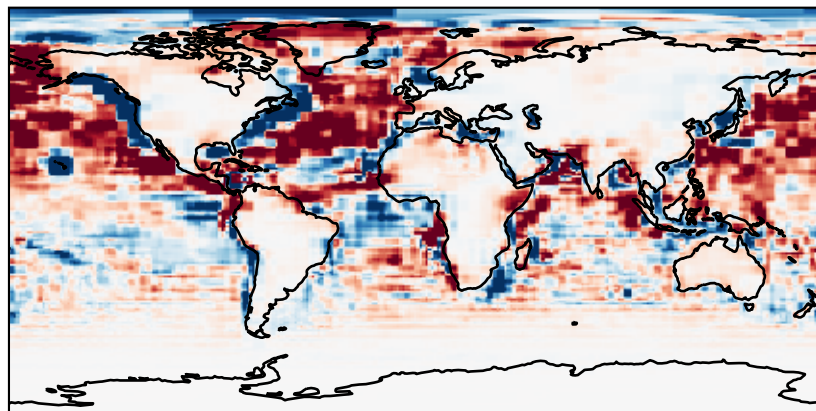
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
c48



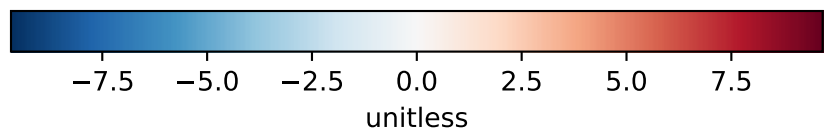
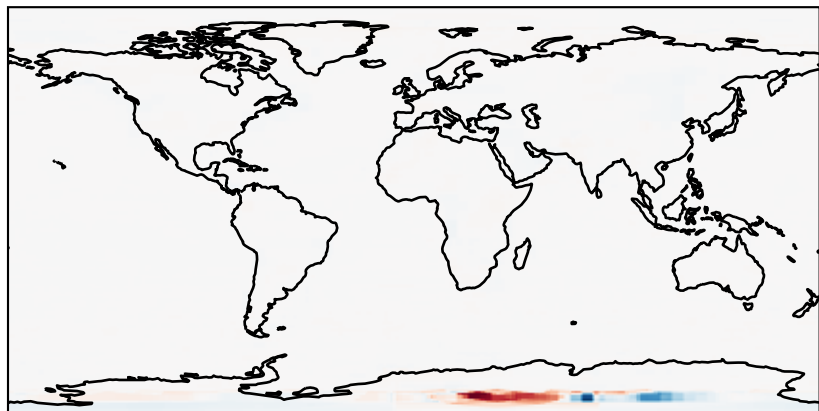
Difference (1x1.25)
Dev - Ref, Dynamic Range



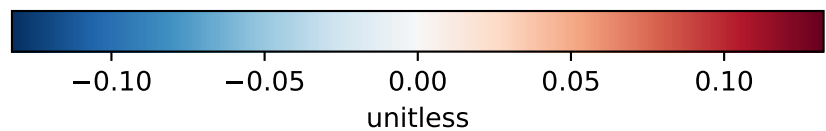
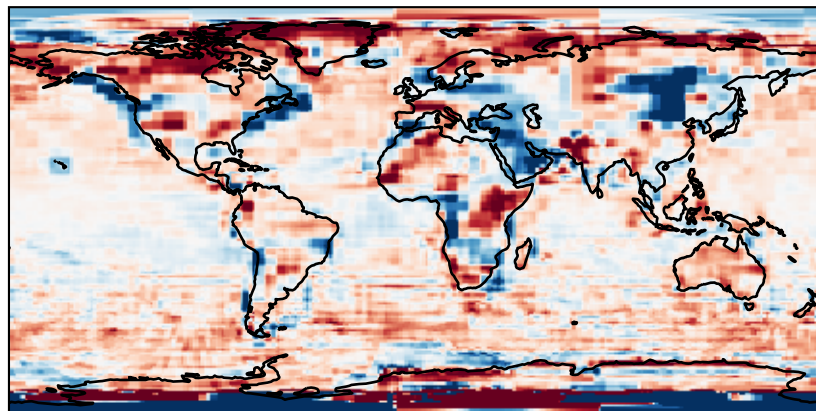
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

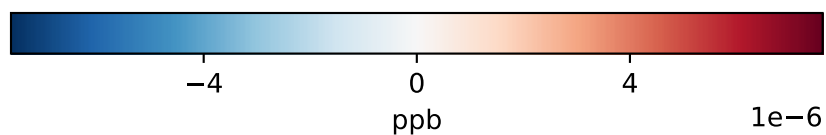
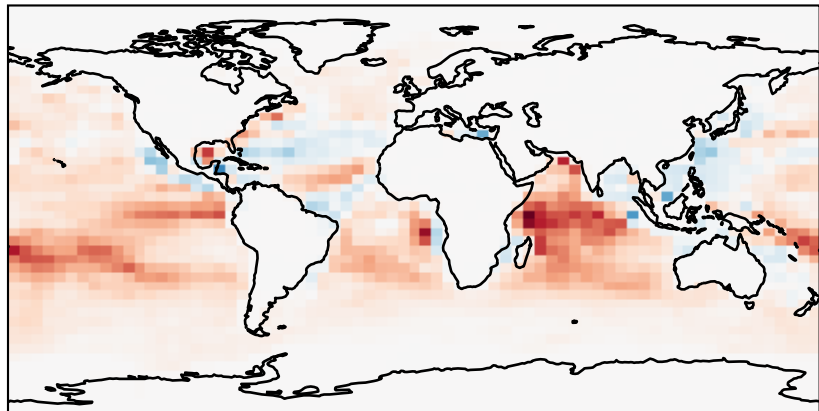


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

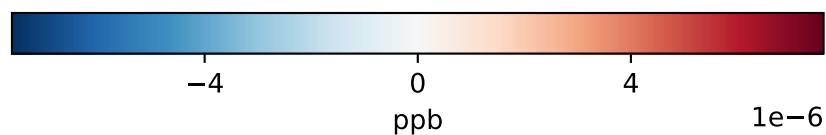
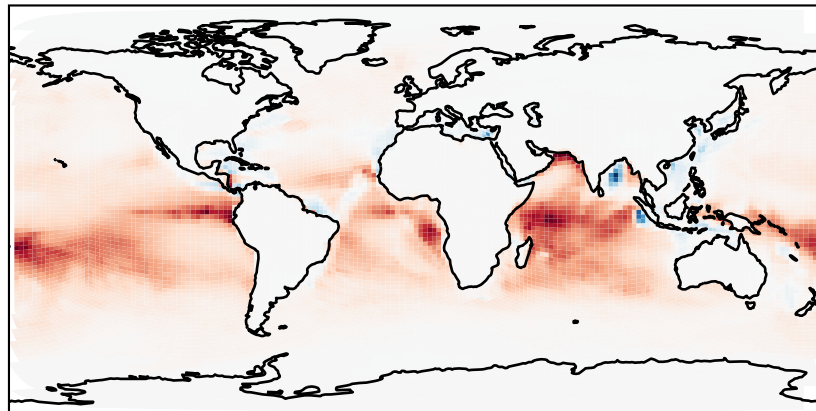


SpeciesConc_I2

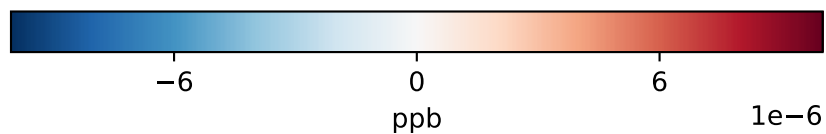
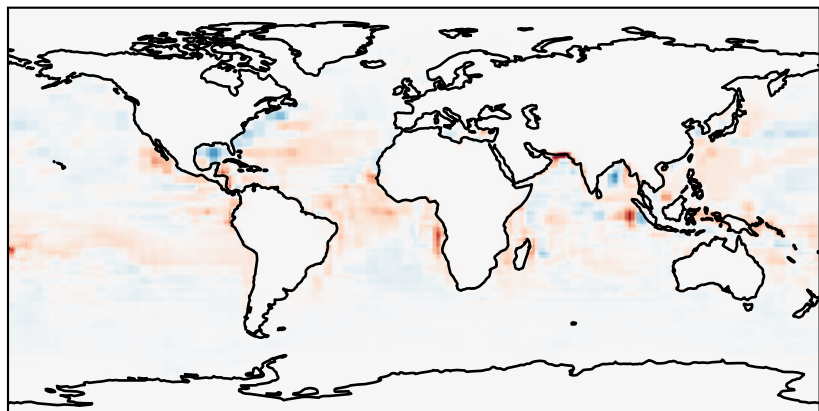
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



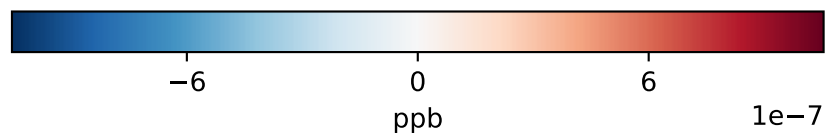
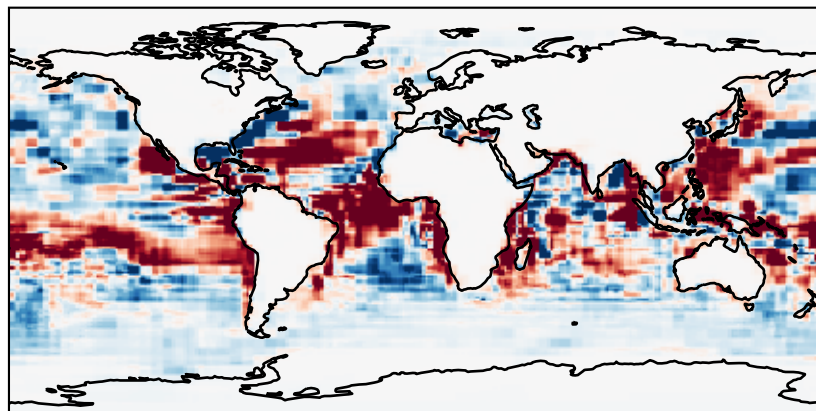
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
c48



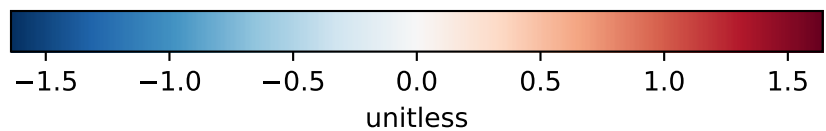
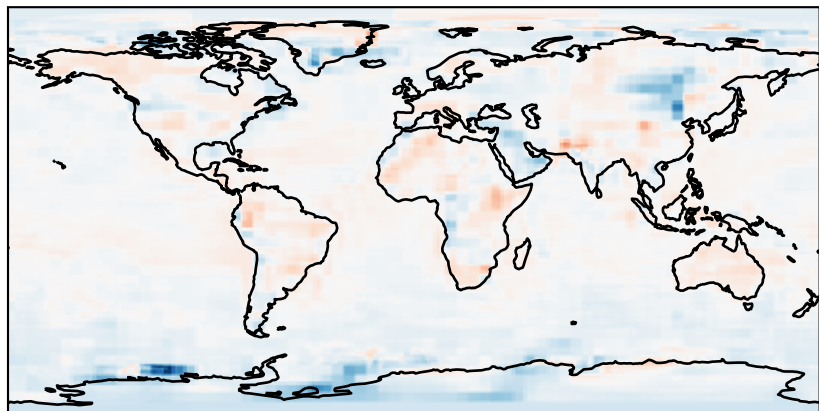
Difference (1x1.25)
Dev - Ref, Dynamic Range



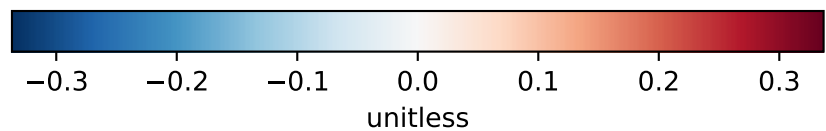
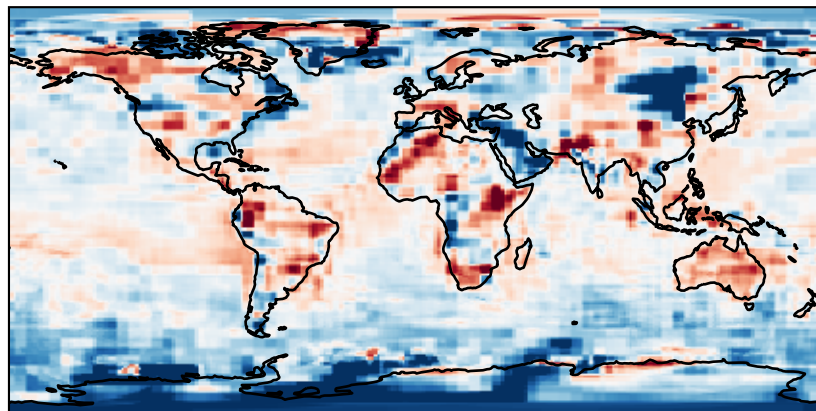
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

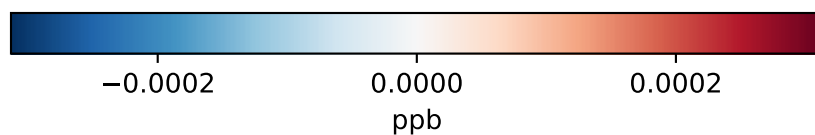
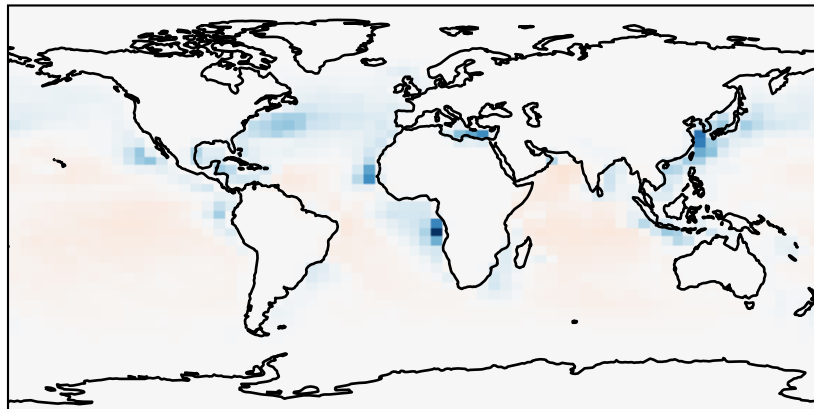


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

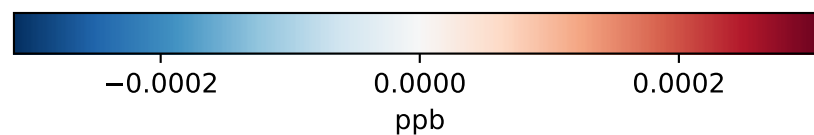
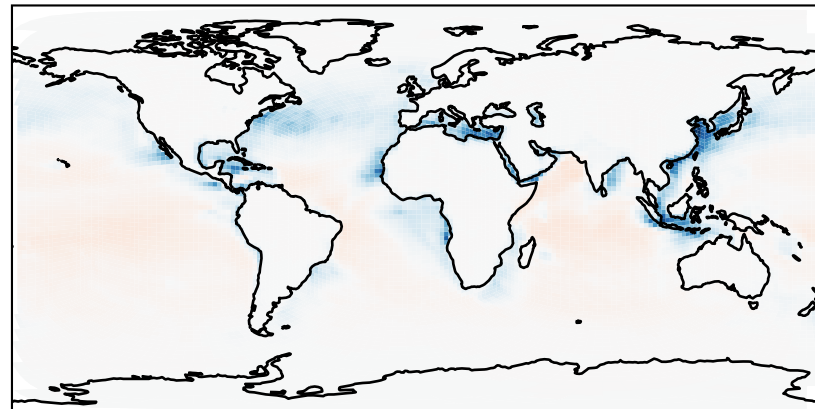


SpeciesConc_IBr

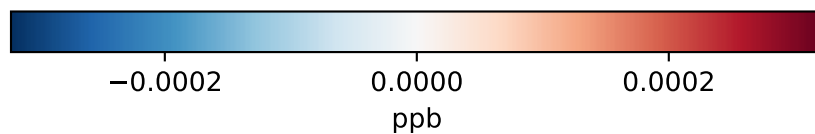
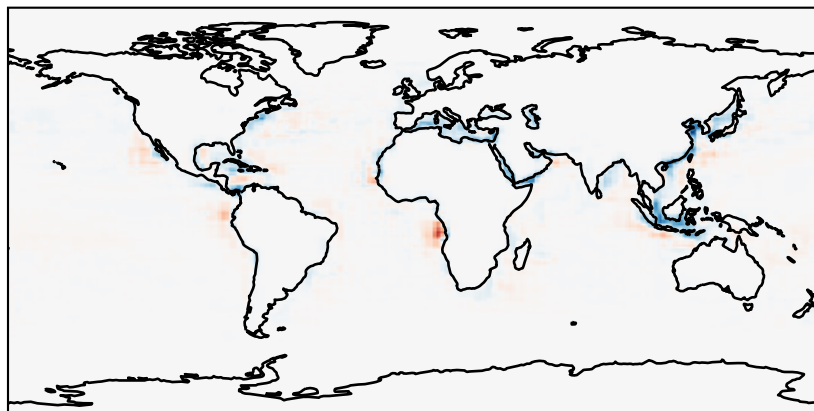
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



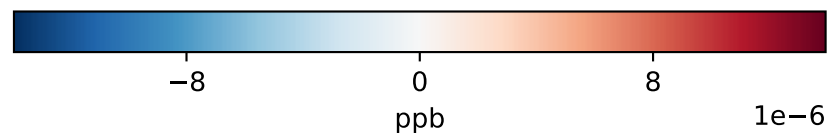
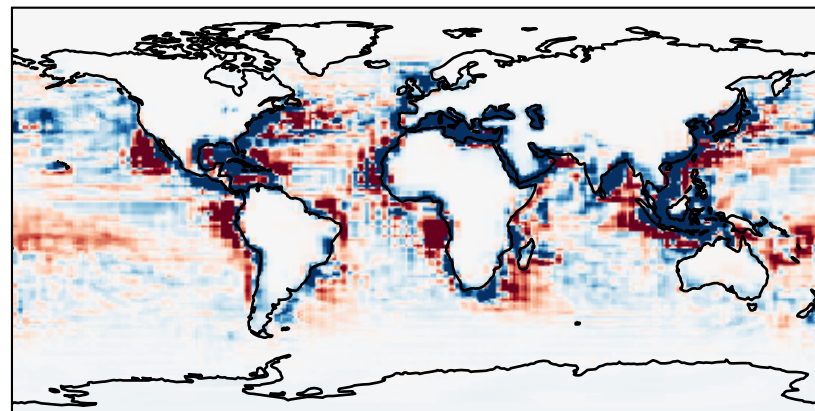
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
c48



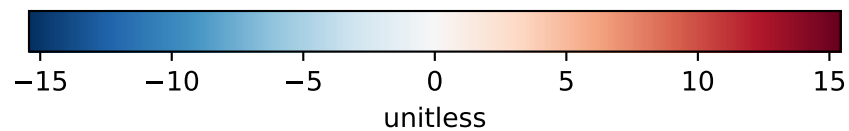
Difference (1x1.25)
Dev - Ref, Dynamic Range



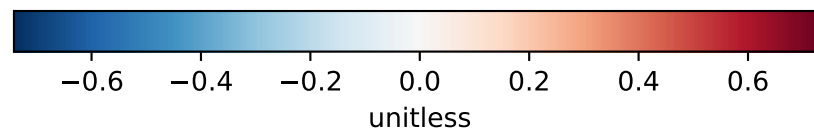
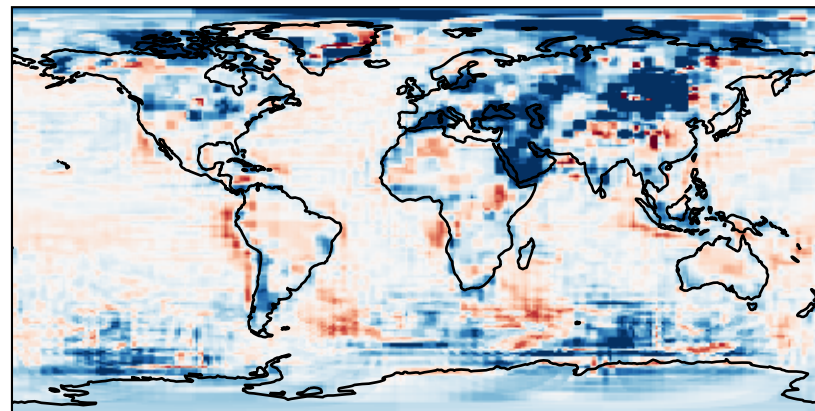
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

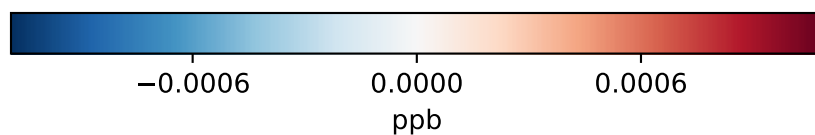
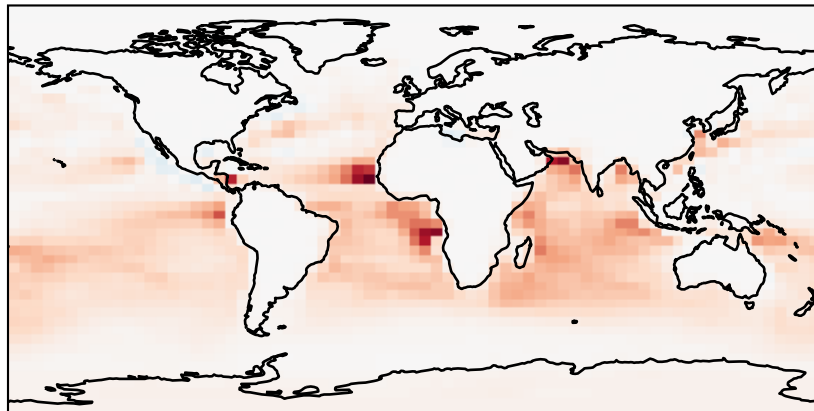


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

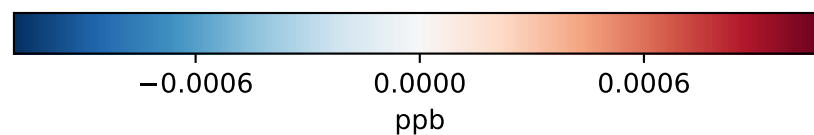
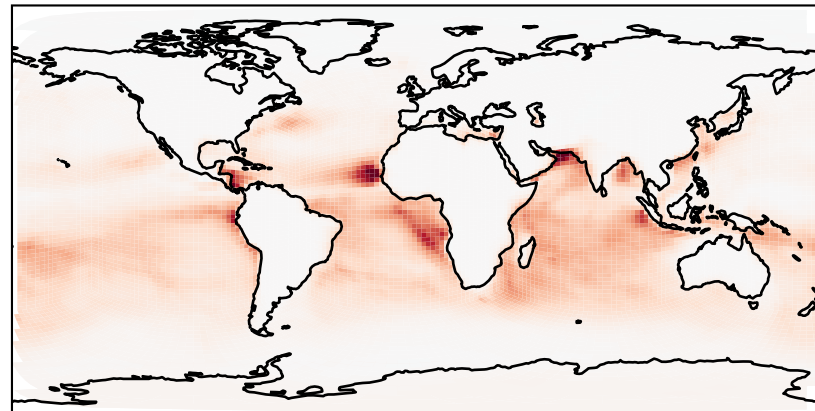


SpeciesConc_ICI

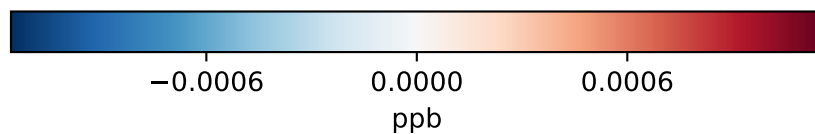
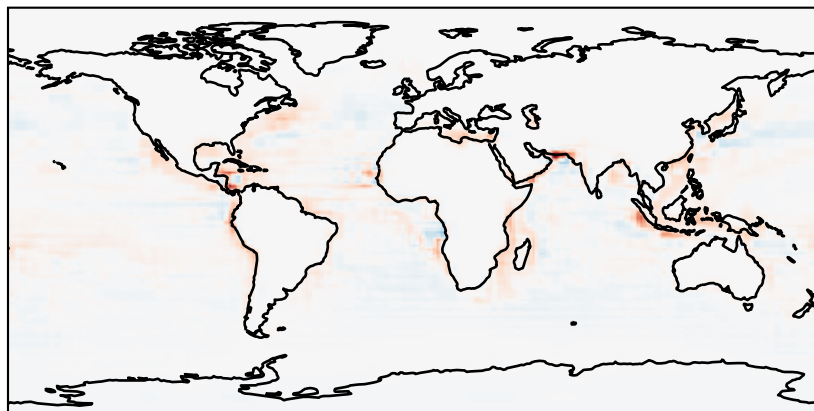
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



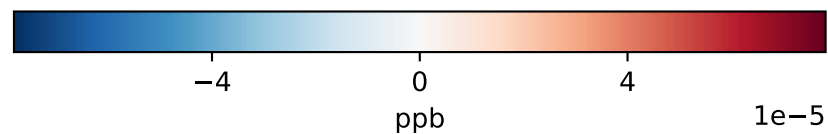
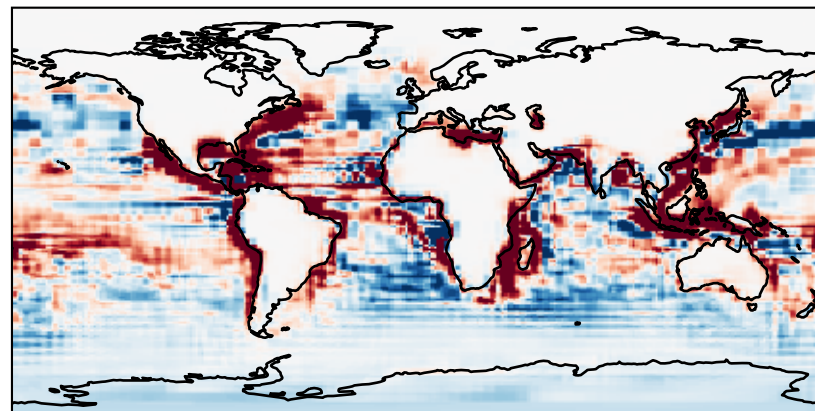
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
c48



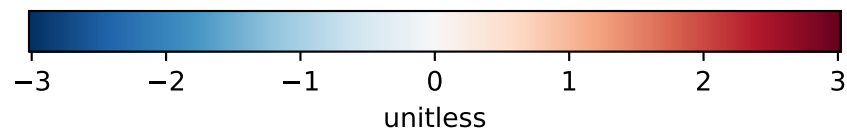
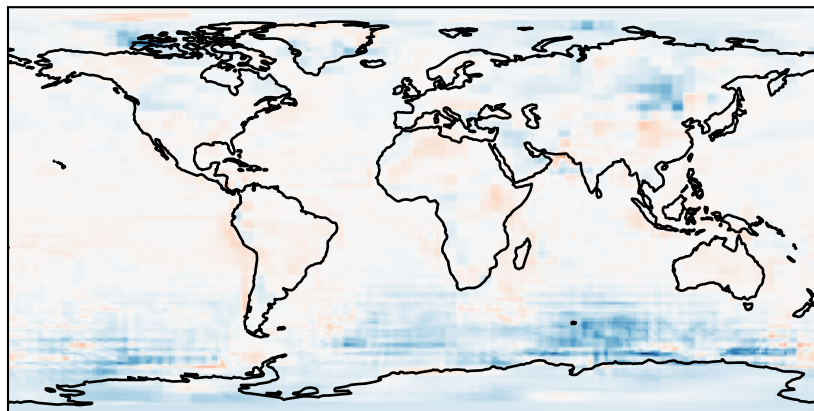
Difference (1x1.25)
Dev - Ref, Dynamic Range



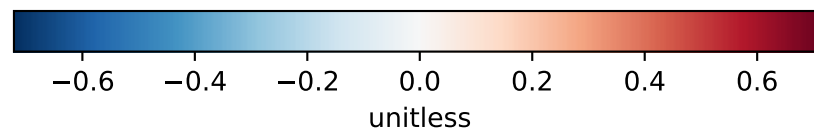
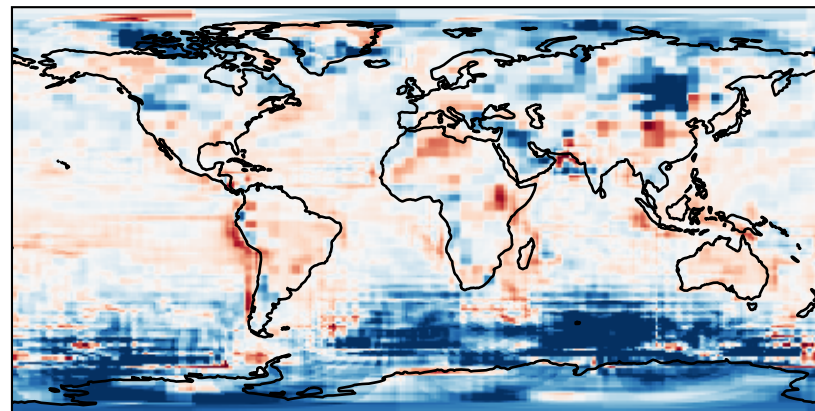
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$

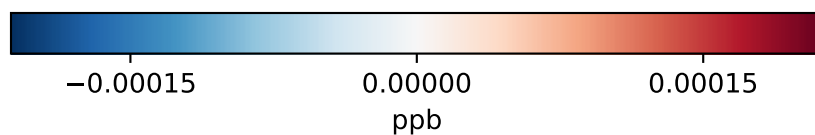
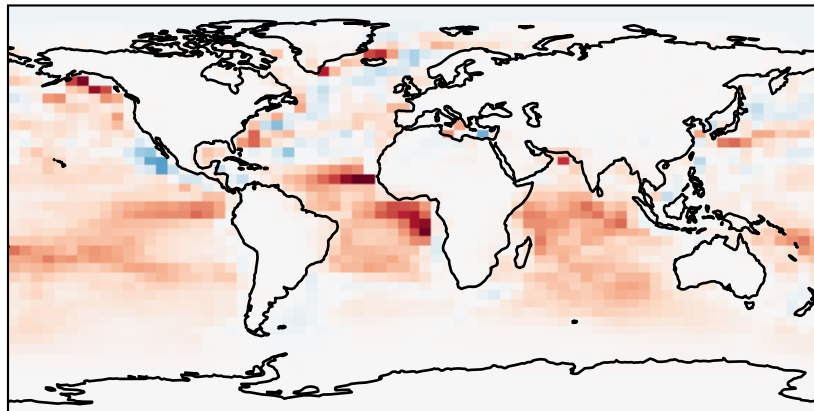


Difference (1x1.25), Restricted Range [5%,95%]
 $\text{GCHP_dev} / \text{GCHP_ref} - \text{GCC_dev} / \text{GCC_ref}$

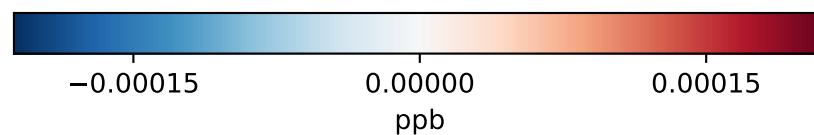
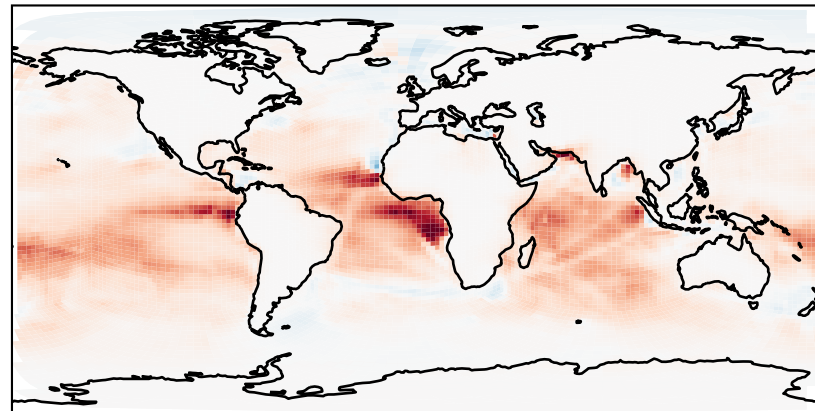


SpeciesConc_IO

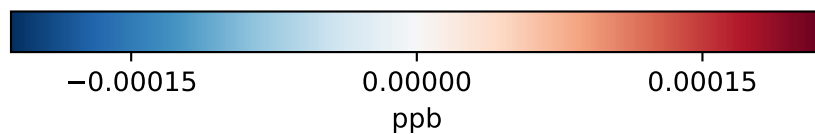
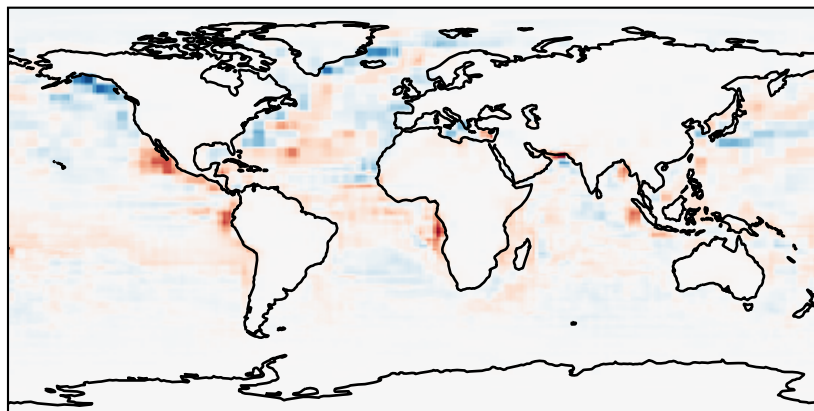
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



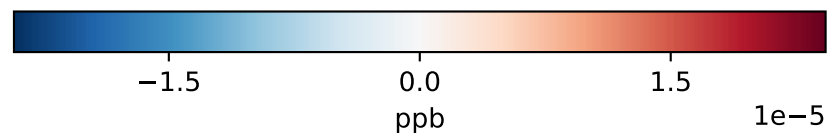
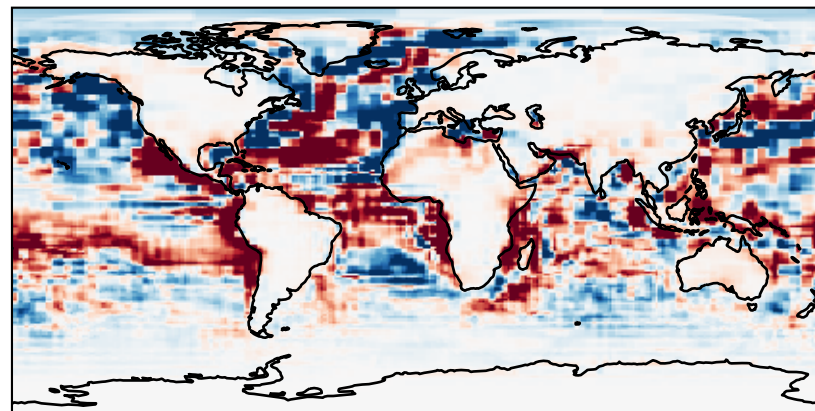
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
c48



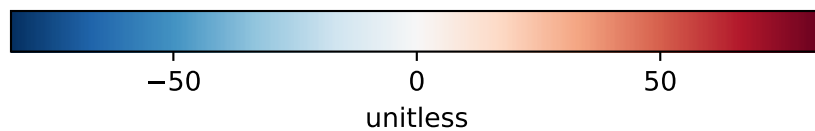
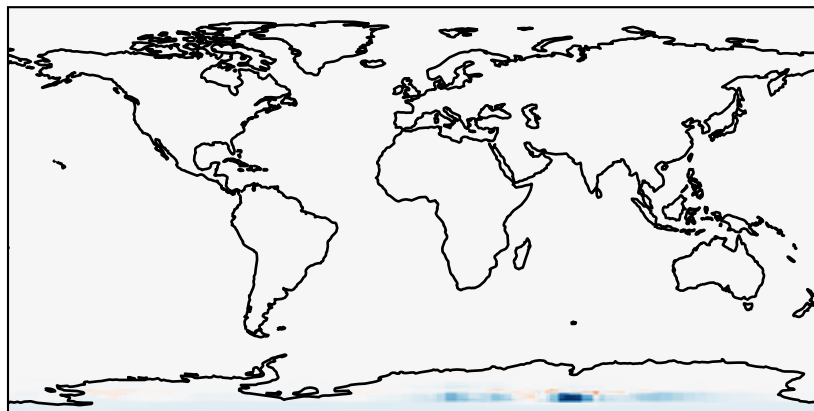
Difference (1x1.25)
Dev - Ref, Dynamic Range



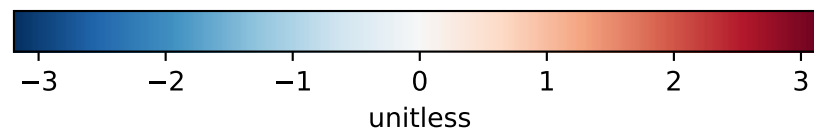
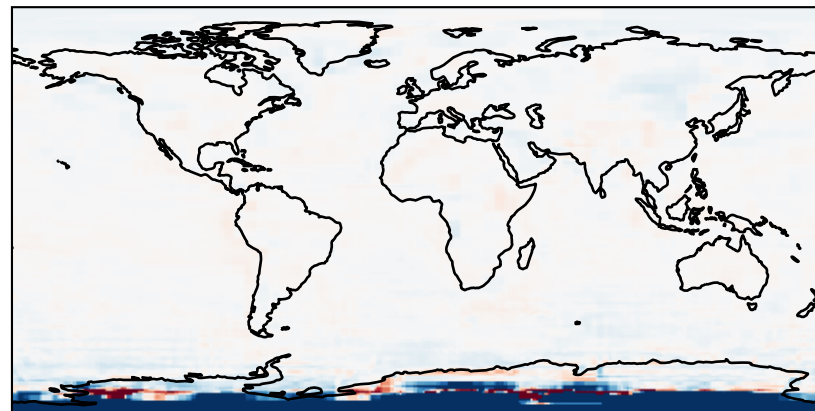
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

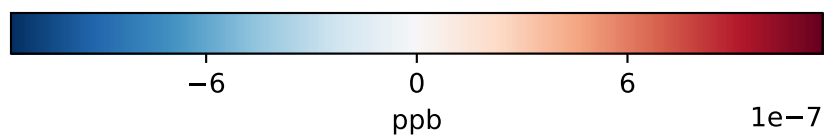
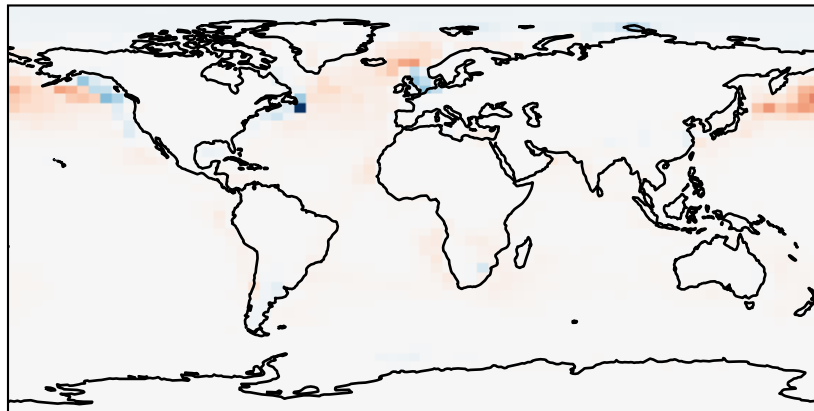


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

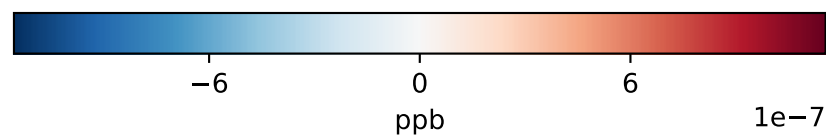
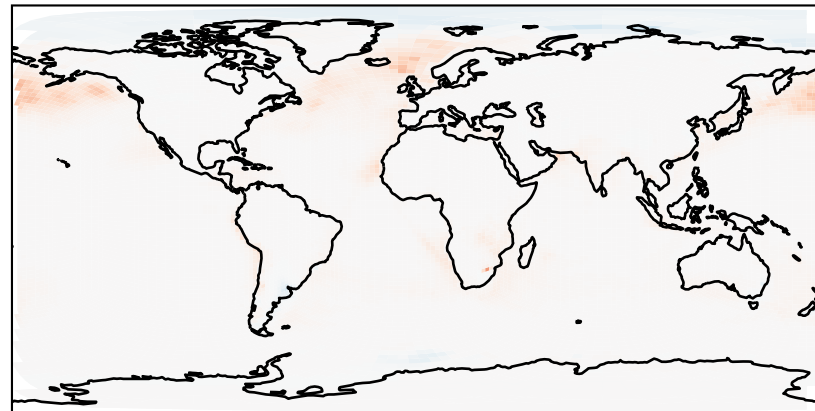


SpeciesConc_IONO

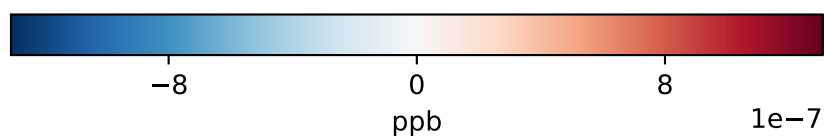
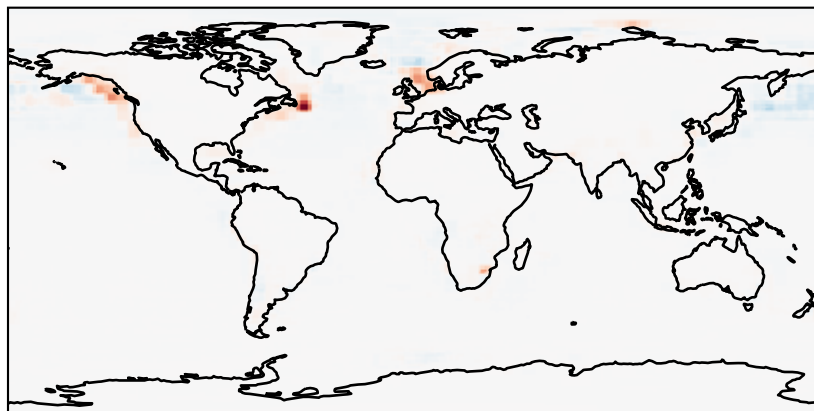
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



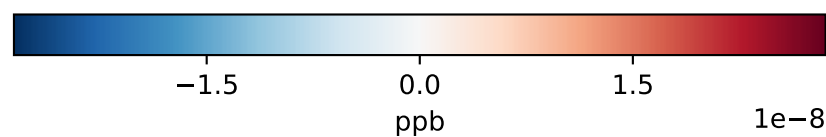
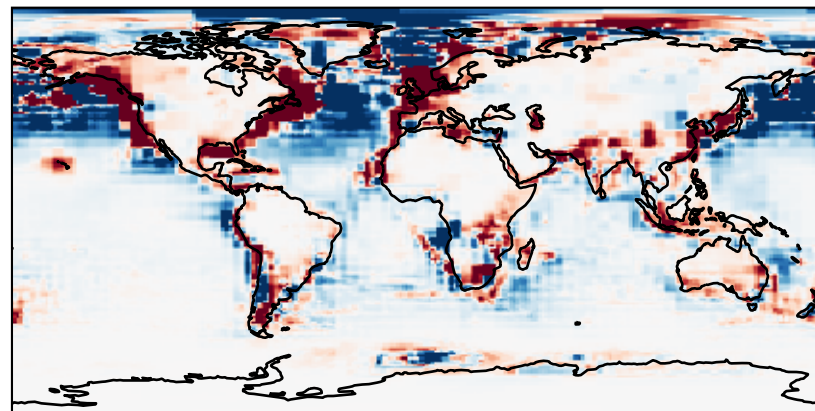
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
c48



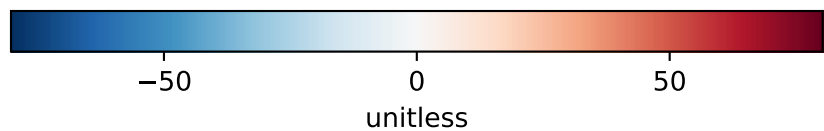
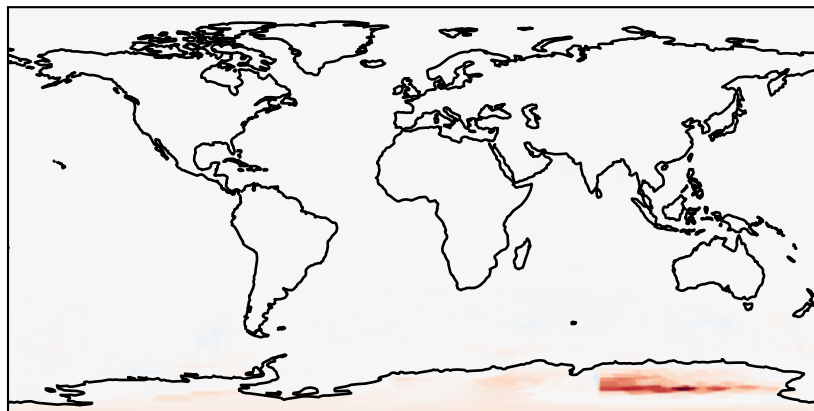
Difference (1x1.25)
Dev - Ref, Dynamic Range



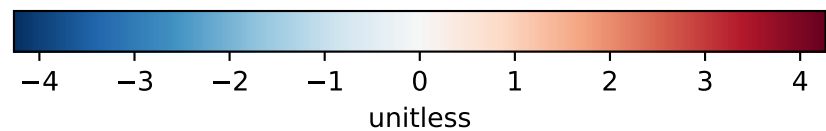
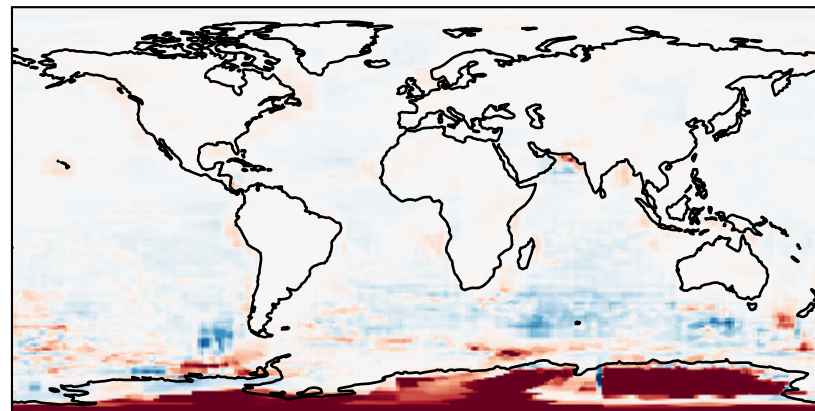
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

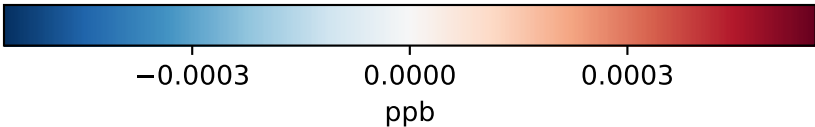
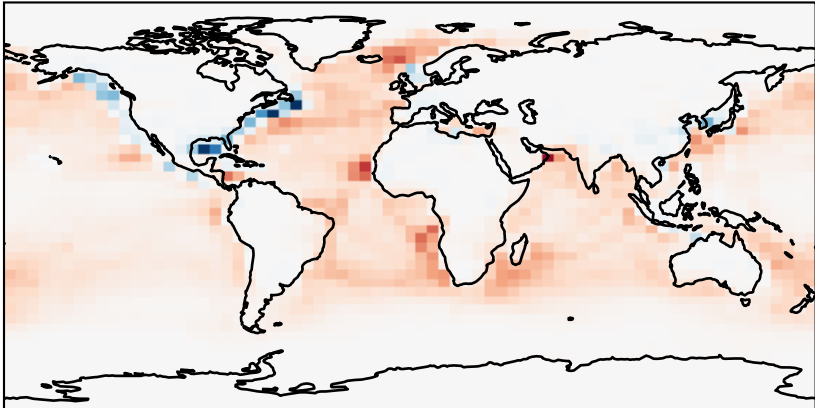


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

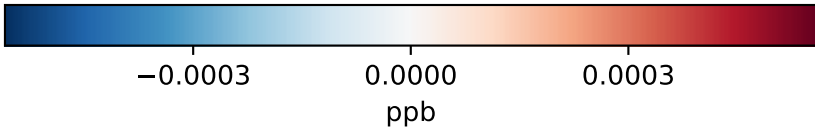
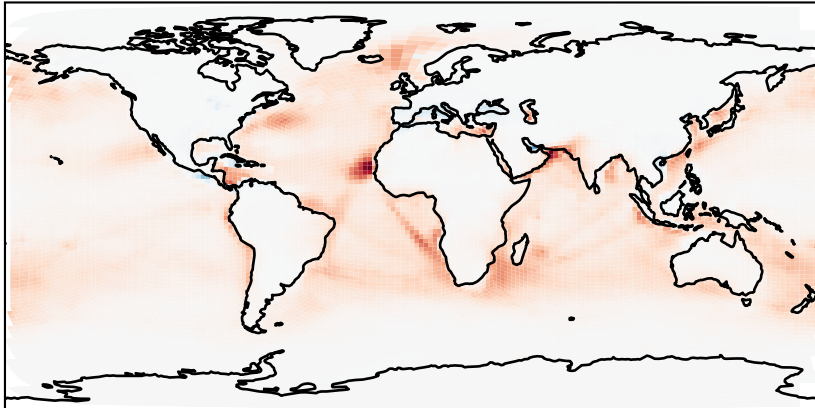


SpeciesConc_IONO2

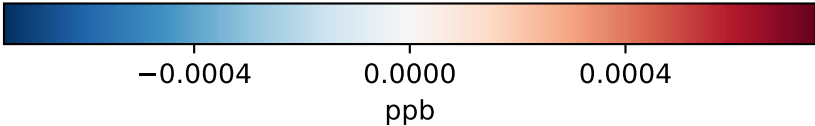
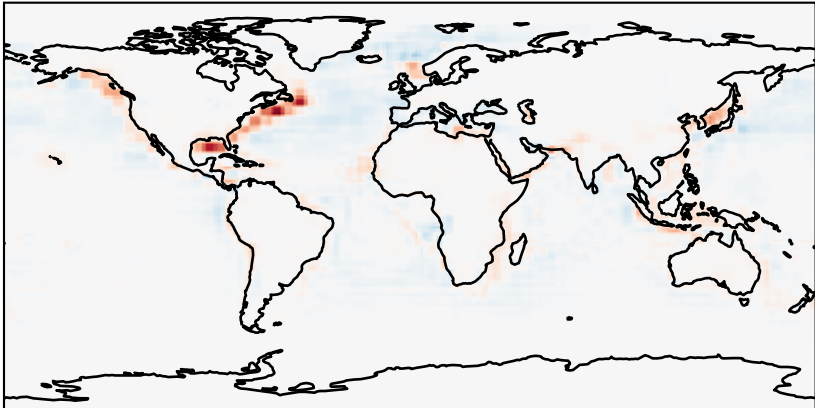
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



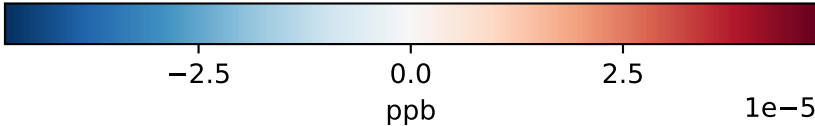
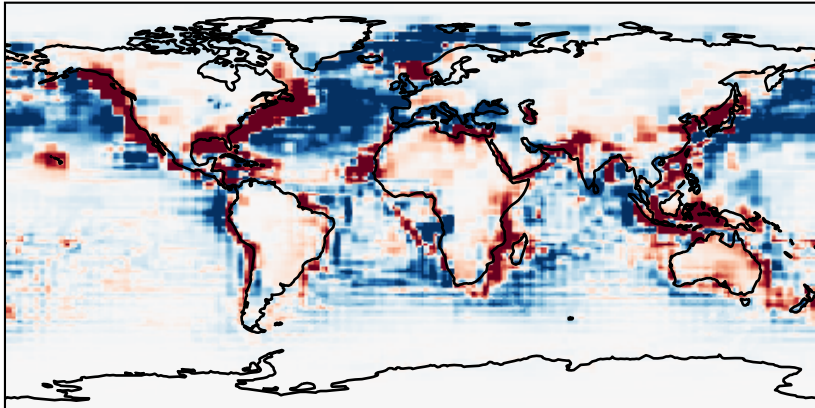
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
c48



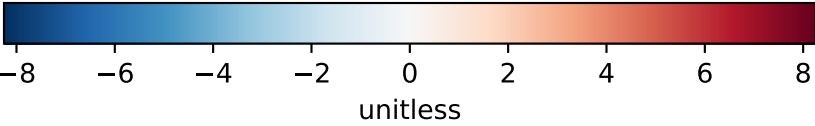
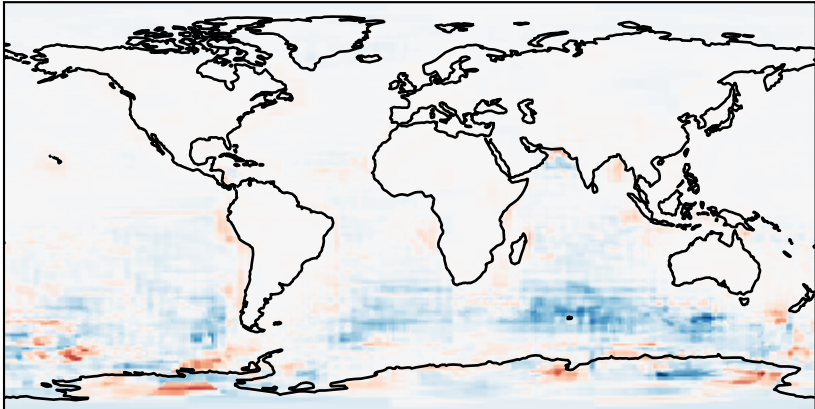
Difference (1x1.25)
Dev - Ref, Dynamic Range



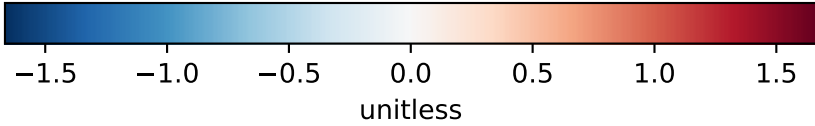
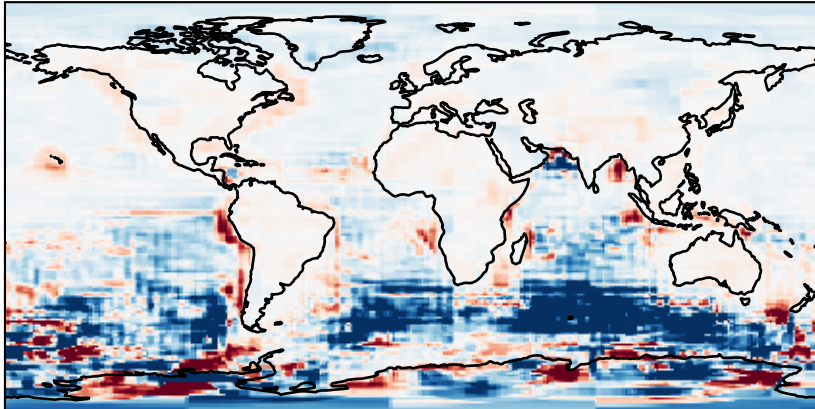
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

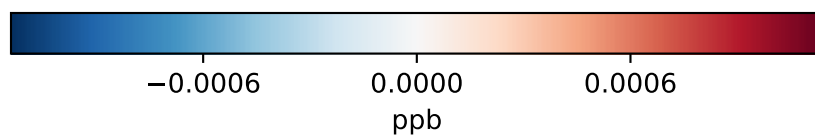
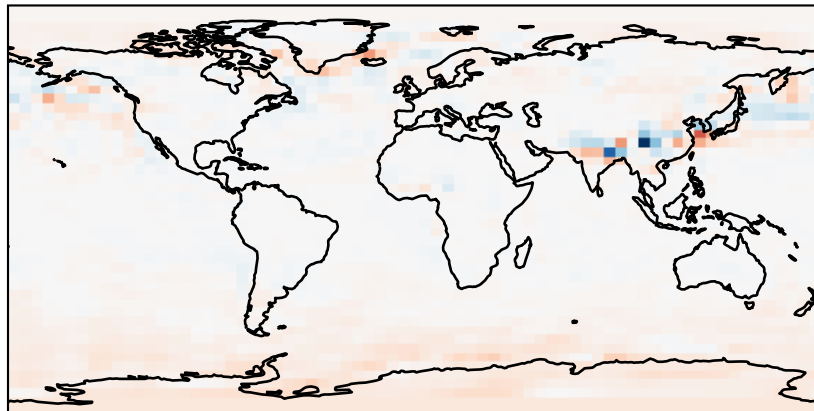


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

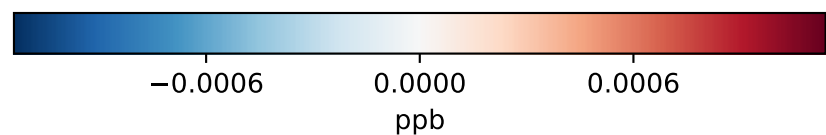
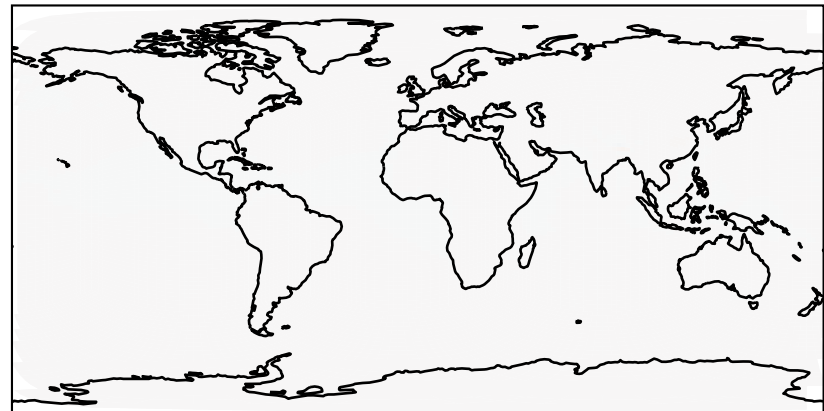


SpeciesConc_CH3I

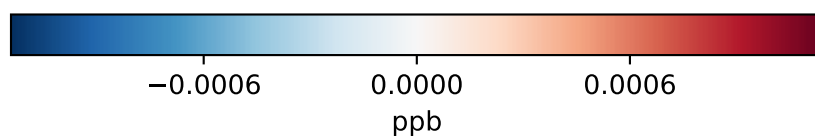
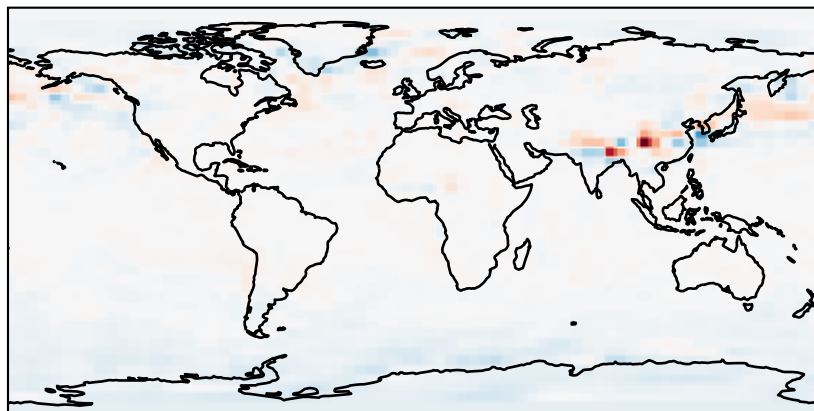
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



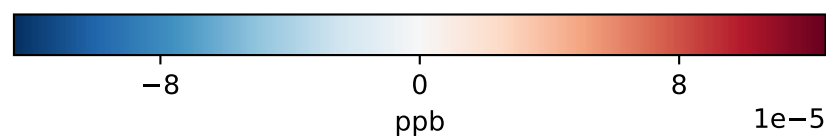
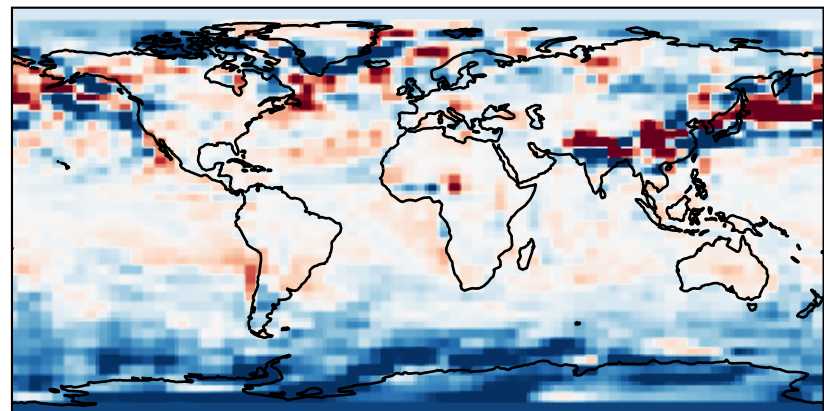
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
c48



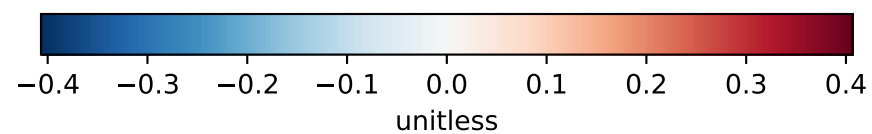
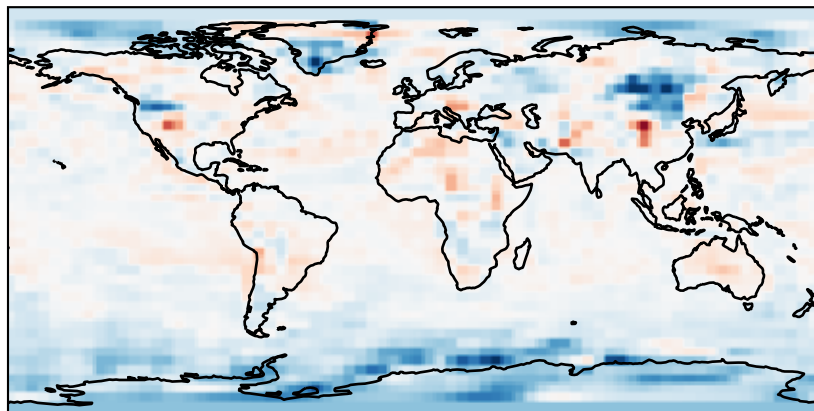
Difference (1x1.25)
Dev - Ref, Dynamic Range



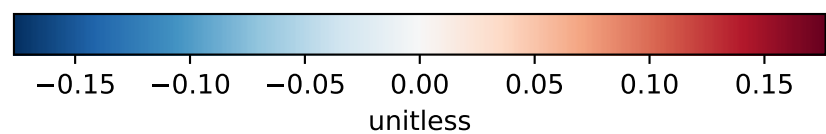
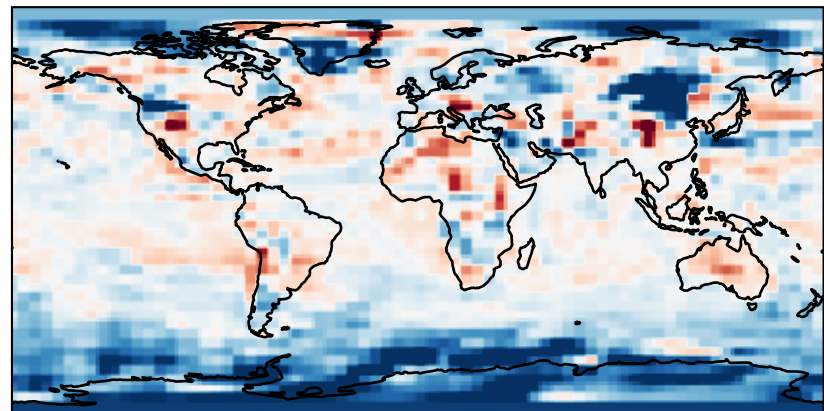
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

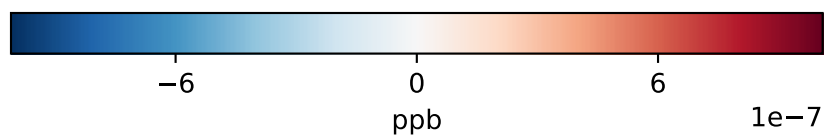
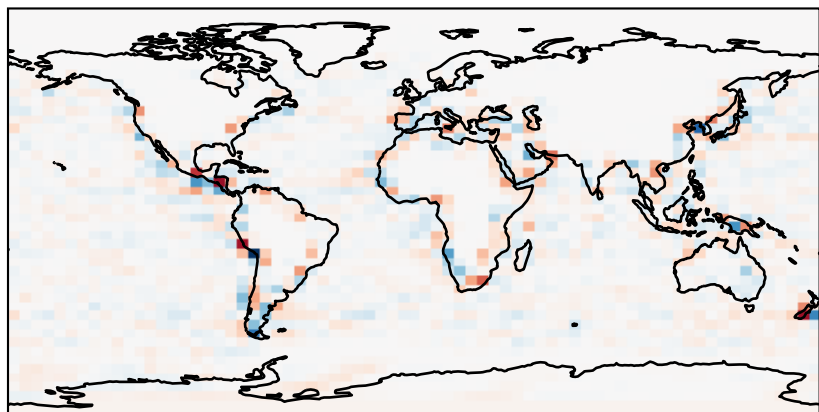


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

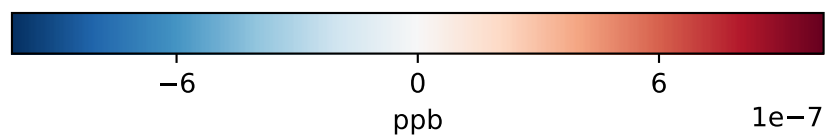
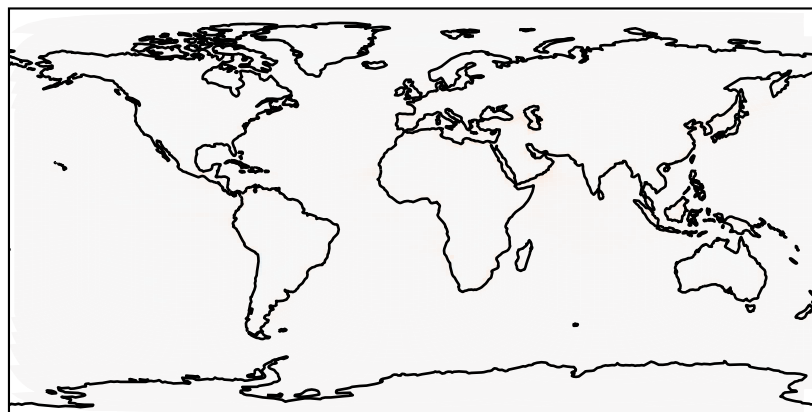


SpeciesConc_CH2I2

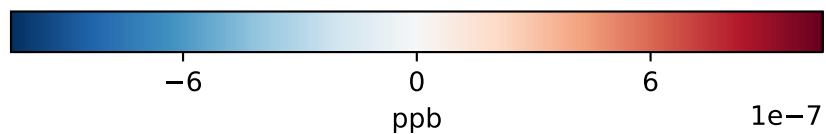
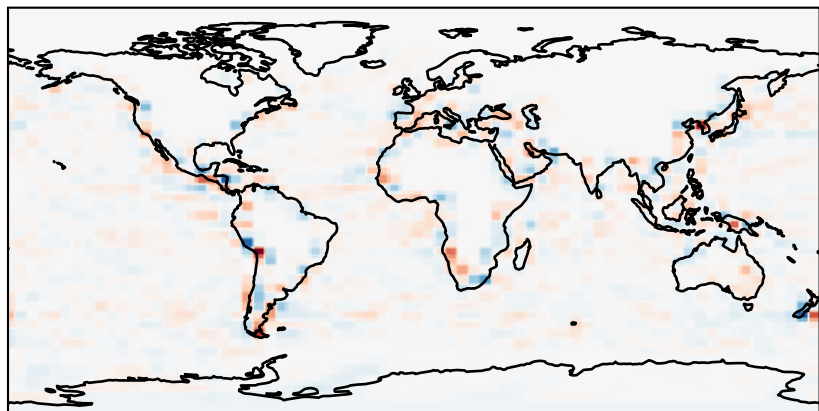
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



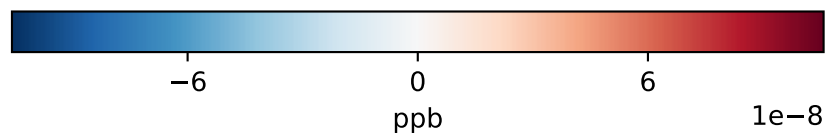
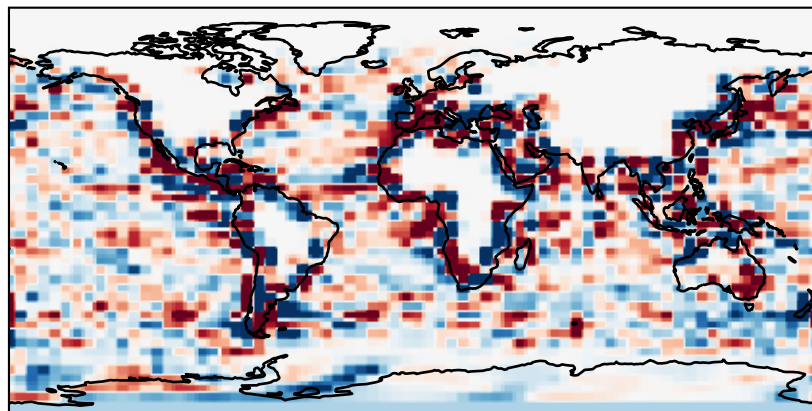
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
c48



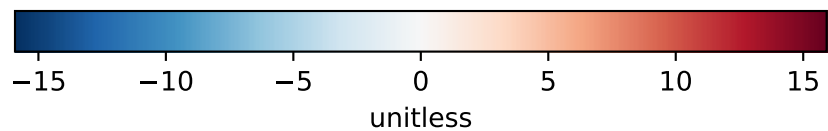
Difference (1x1.25)
Dev - Ref, Dynamic Range



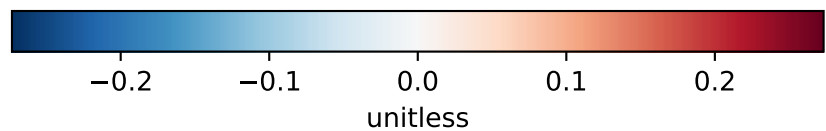
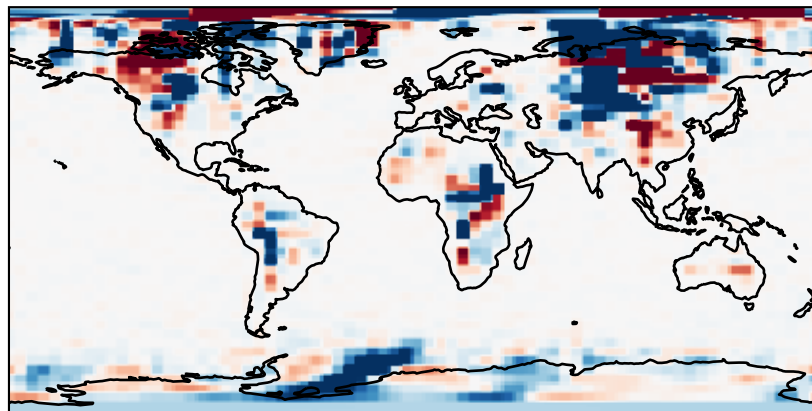
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

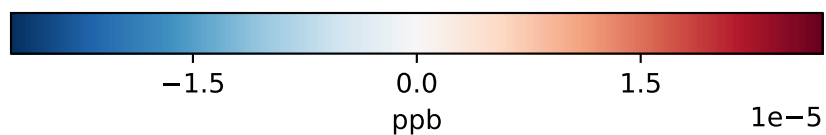
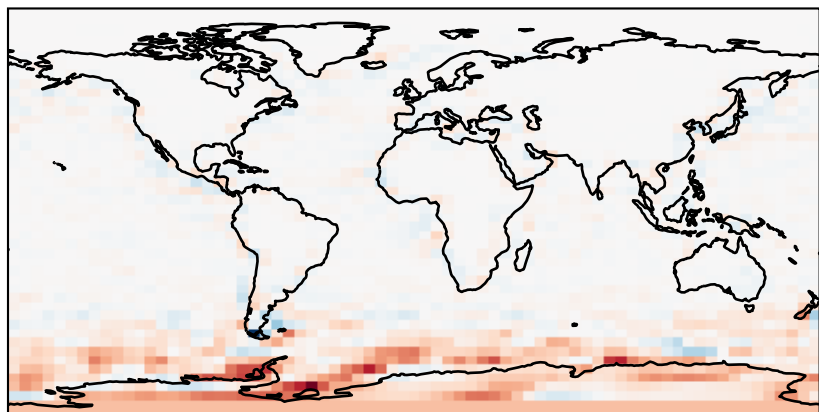


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

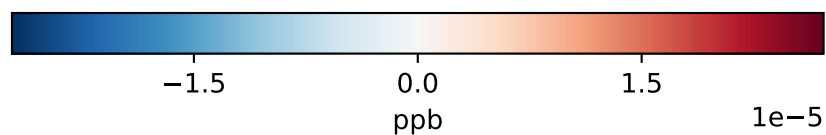


SpeciesConc_CH2ICI

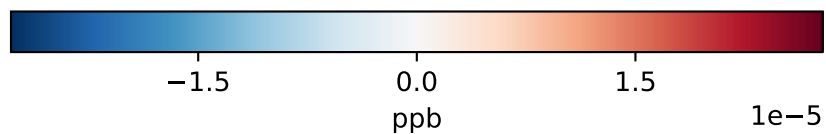
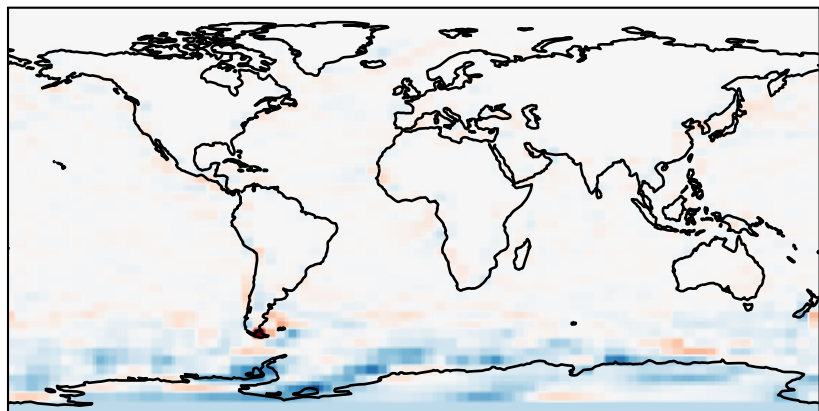
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



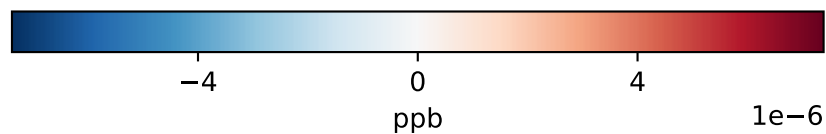
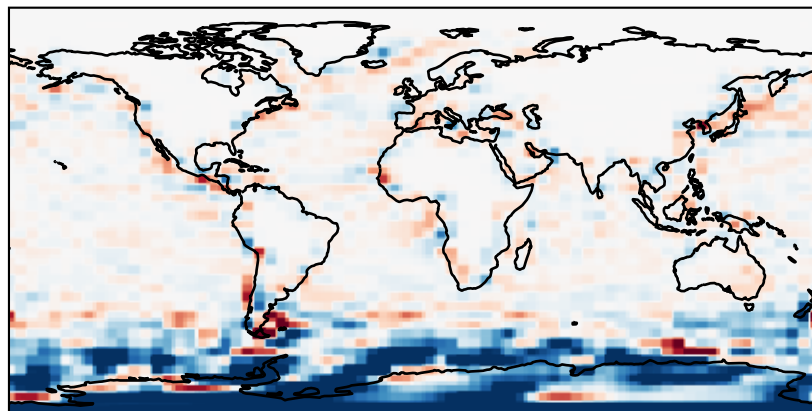
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
c48



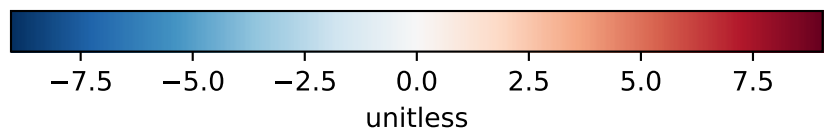
Difference (1x1.25)
Dev - Ref, Dynamic Range



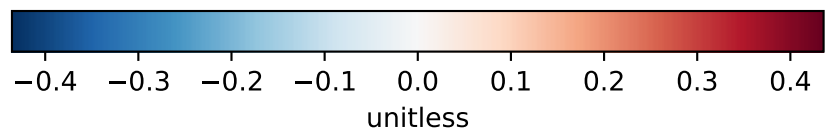
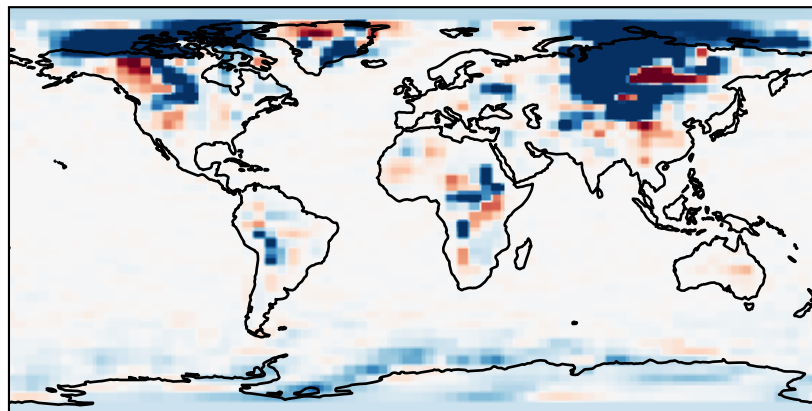
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

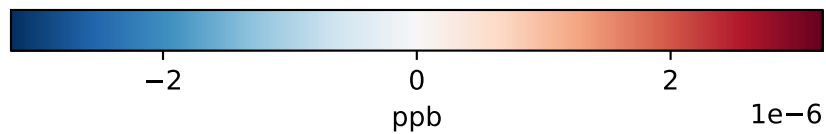
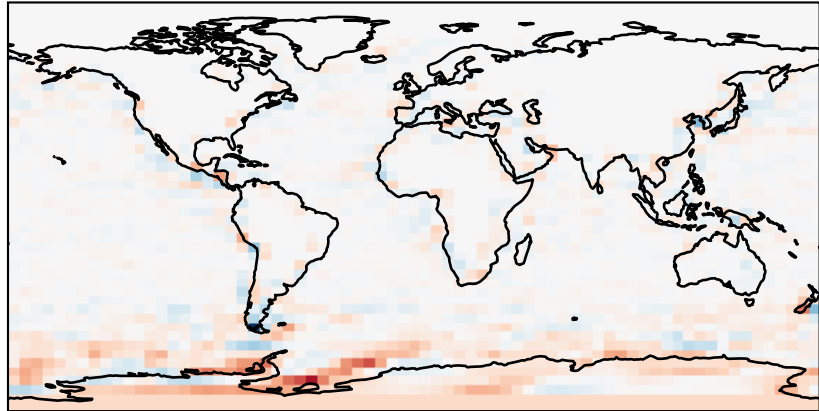


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

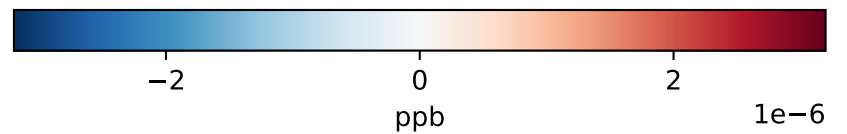


SpeciesConc_CH2IBr

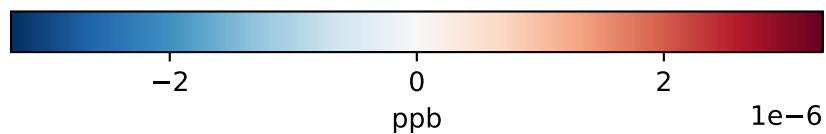
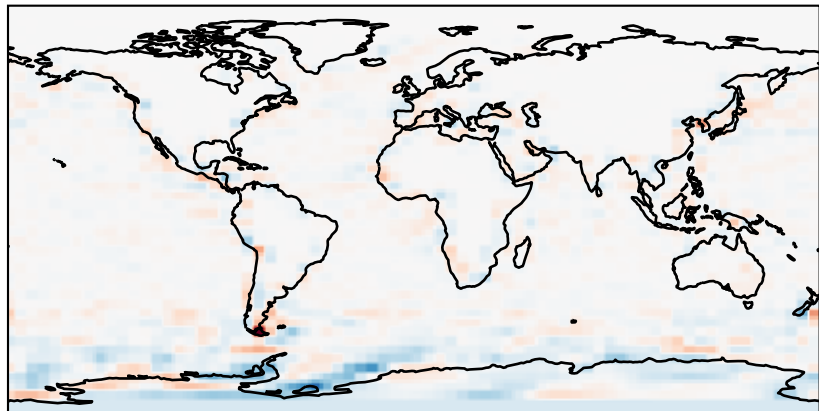
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



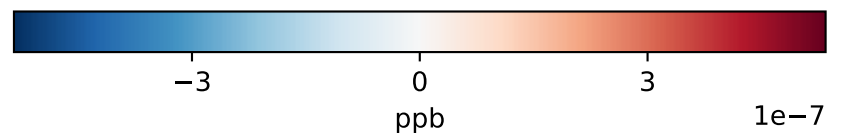
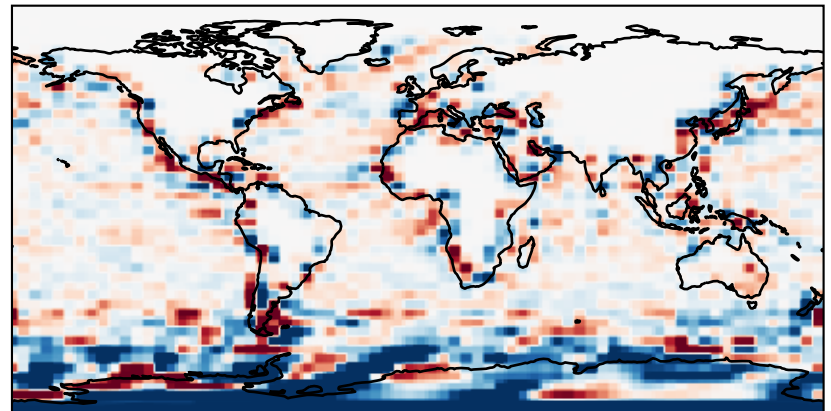
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
c48



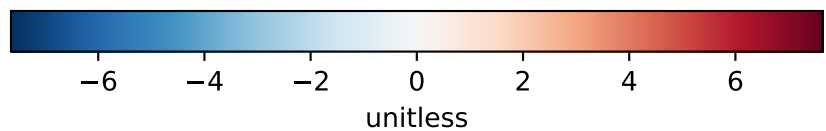
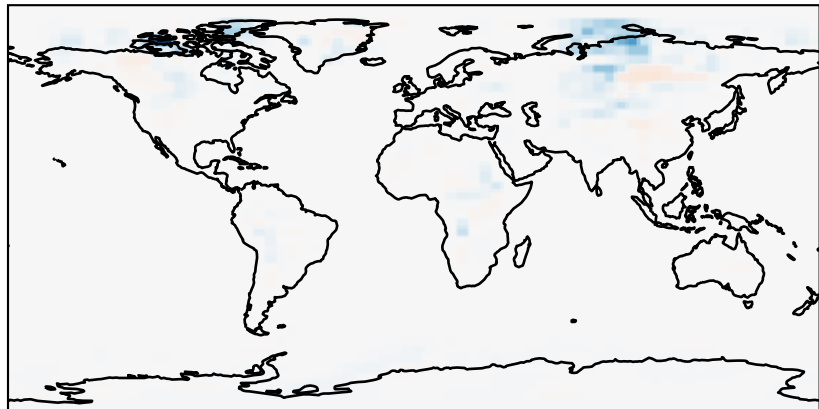
Difference (1x1.25)
Dev - Ref, Dynamic Range



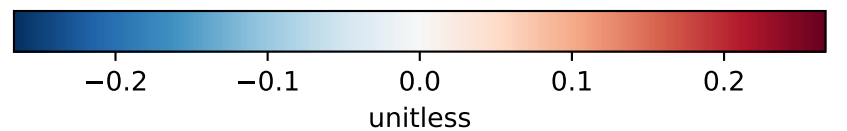
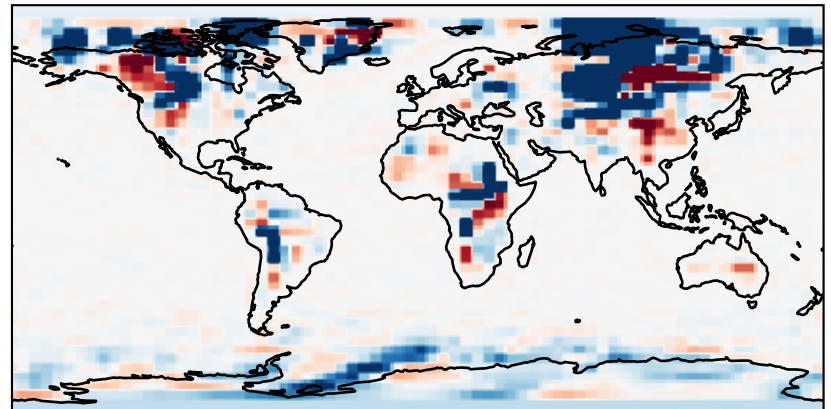
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

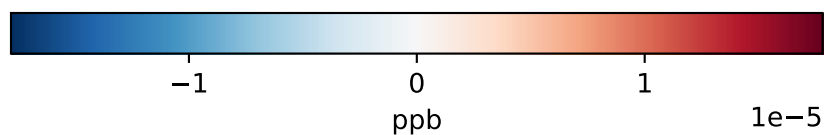
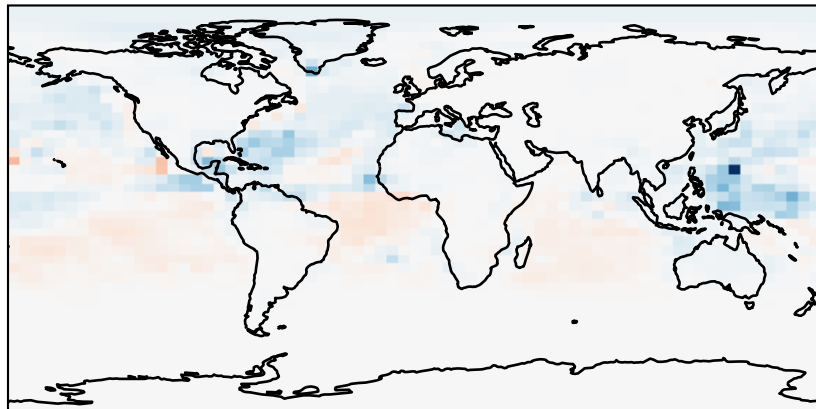


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

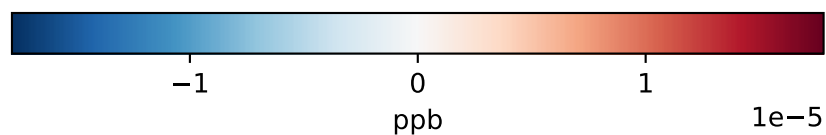
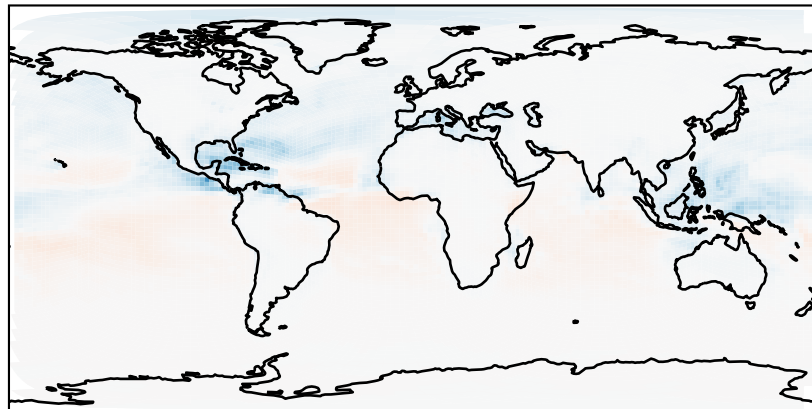


SpeciesConc_HI

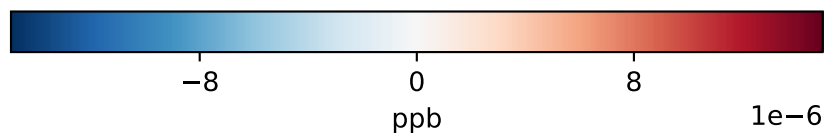
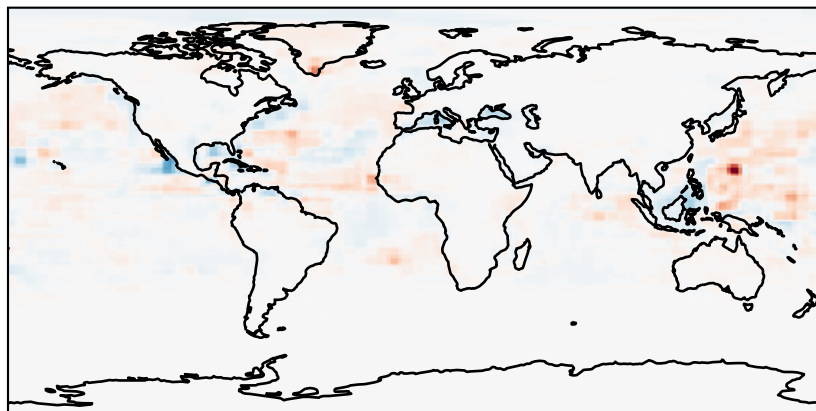
GCC_13.4.0-rc.4 - GCC_13.3.0-rc.1 (Ref)
4.0x5.0



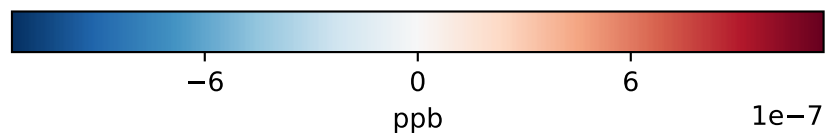
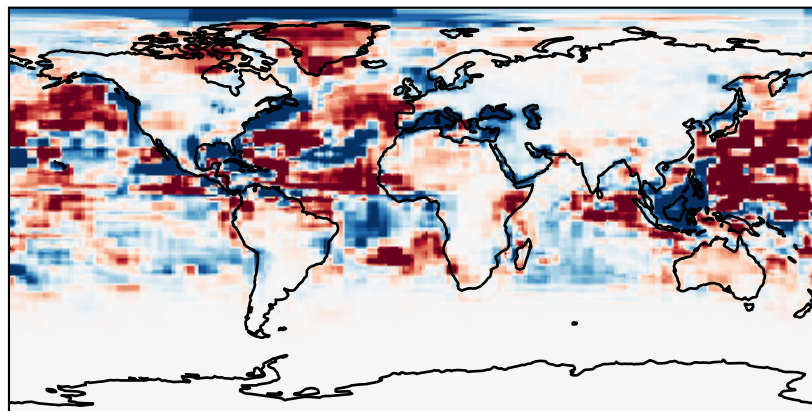
GCHP_13.4.0-rc.4 - GCHP_13.3.0-rc.1 (Dev)
c48



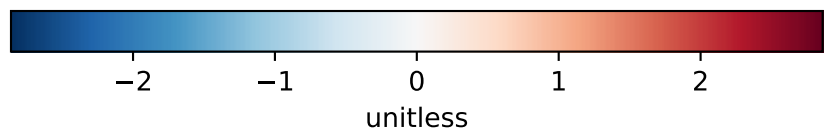
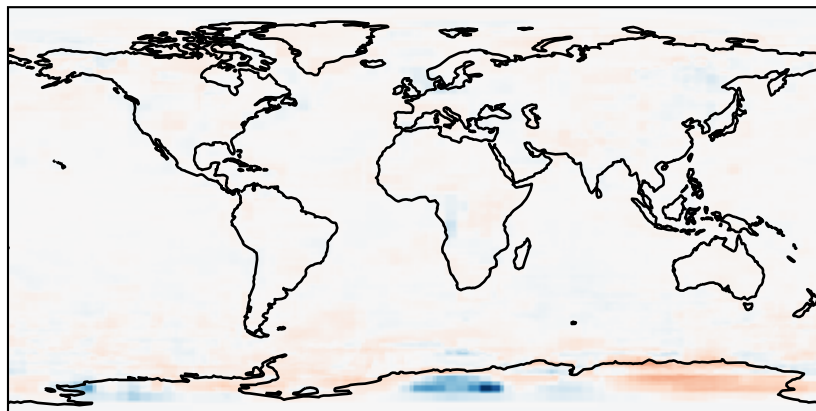
Difference (1x1.25)
Dev - Ref, Dynamic Range



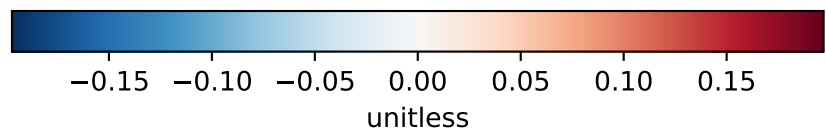
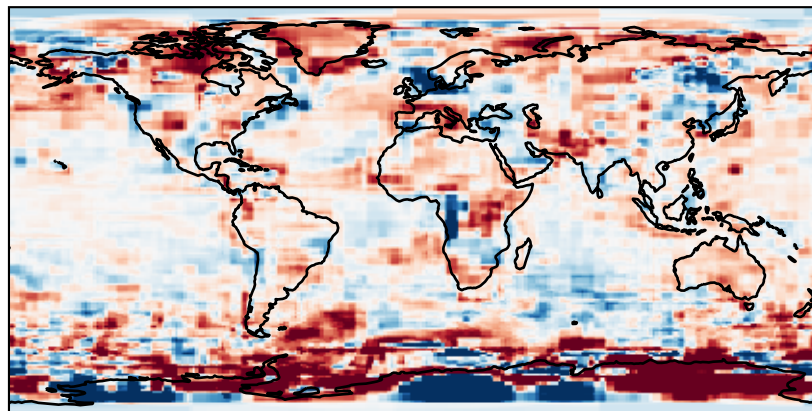
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



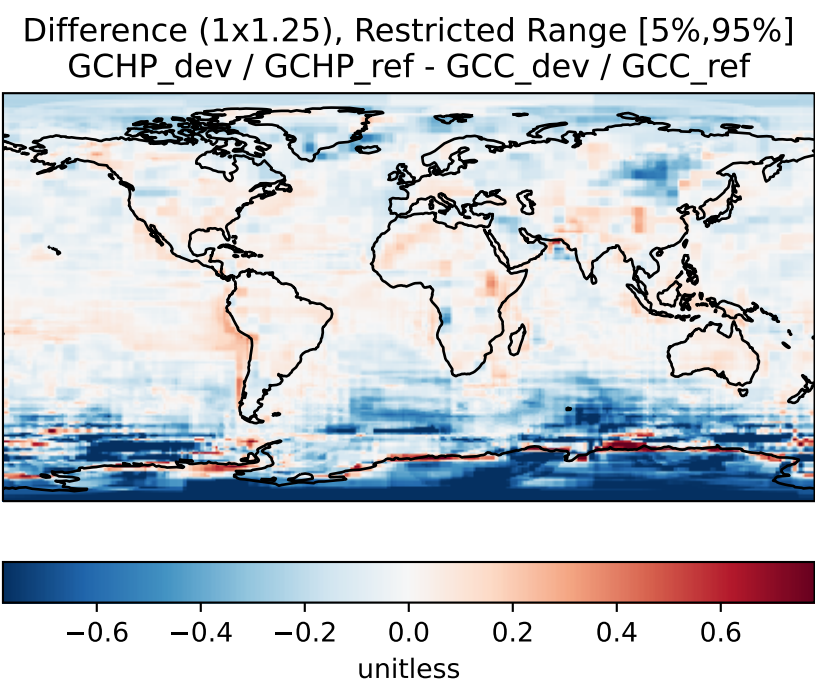
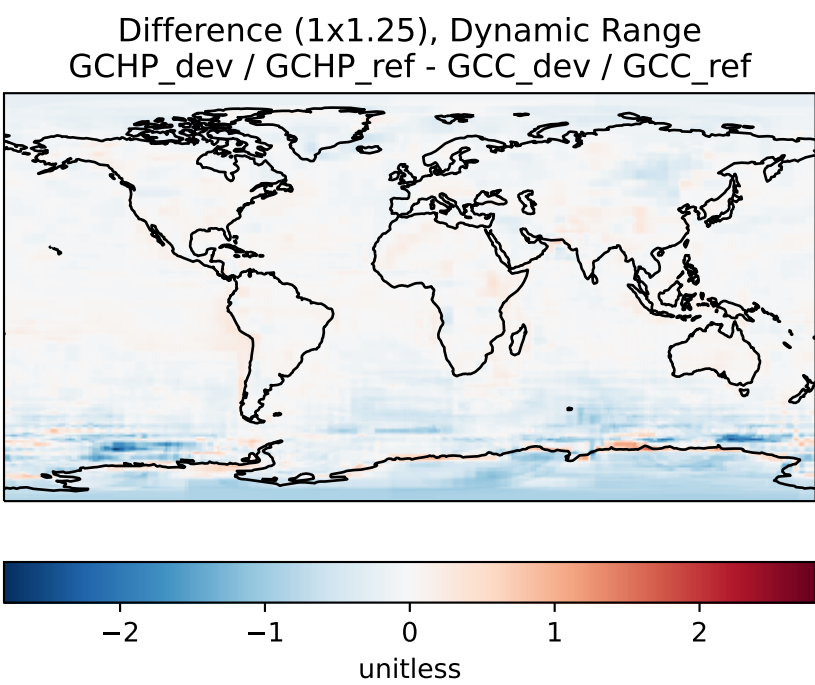
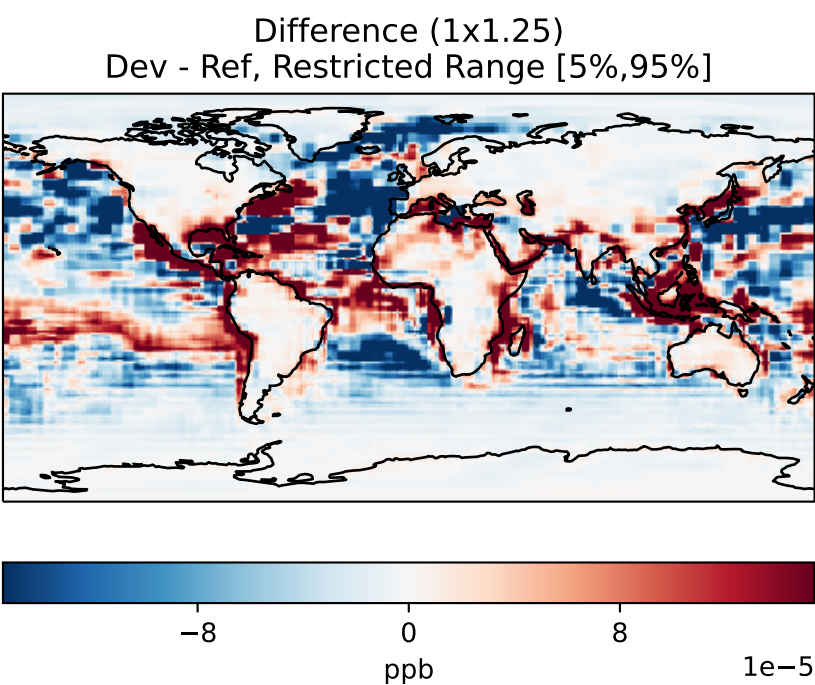
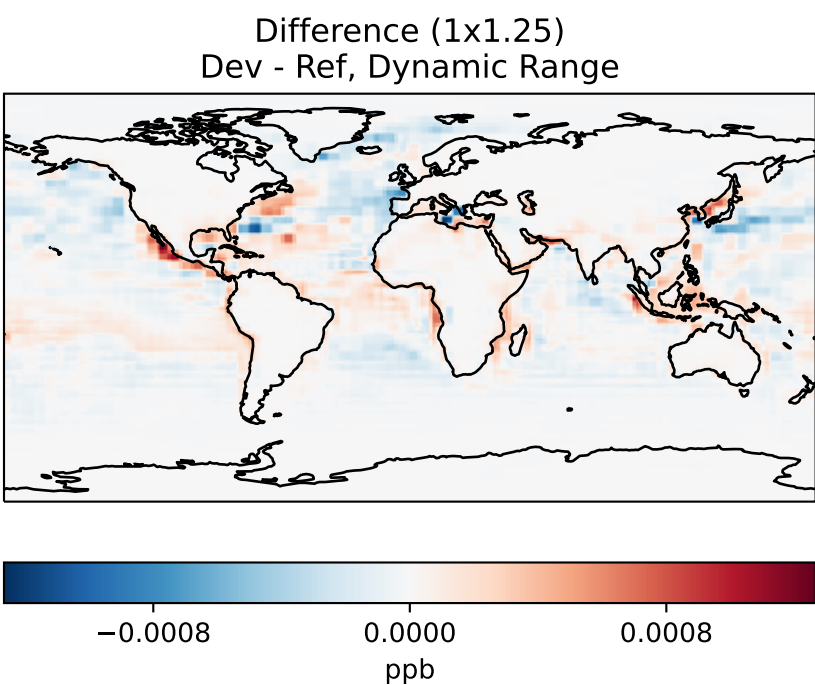
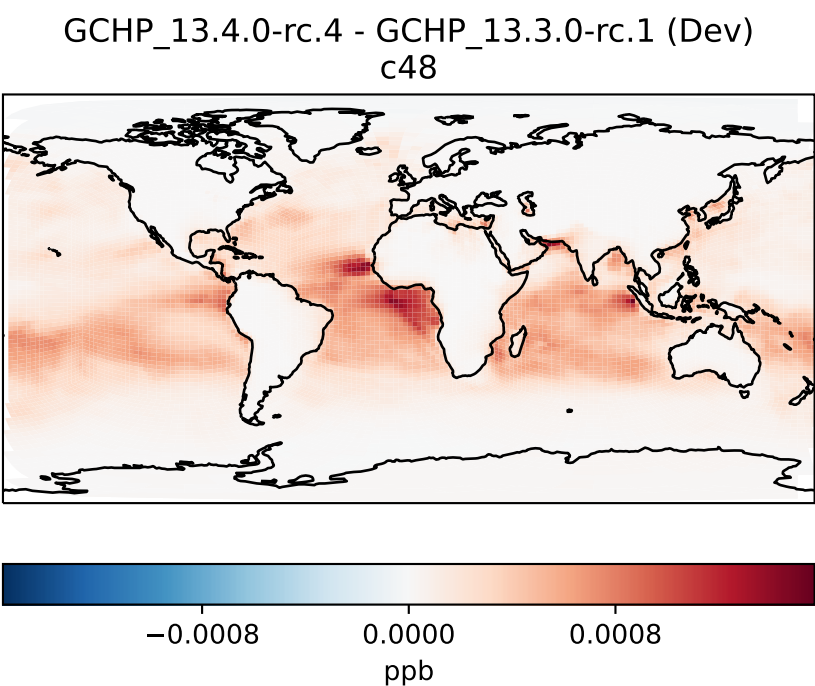
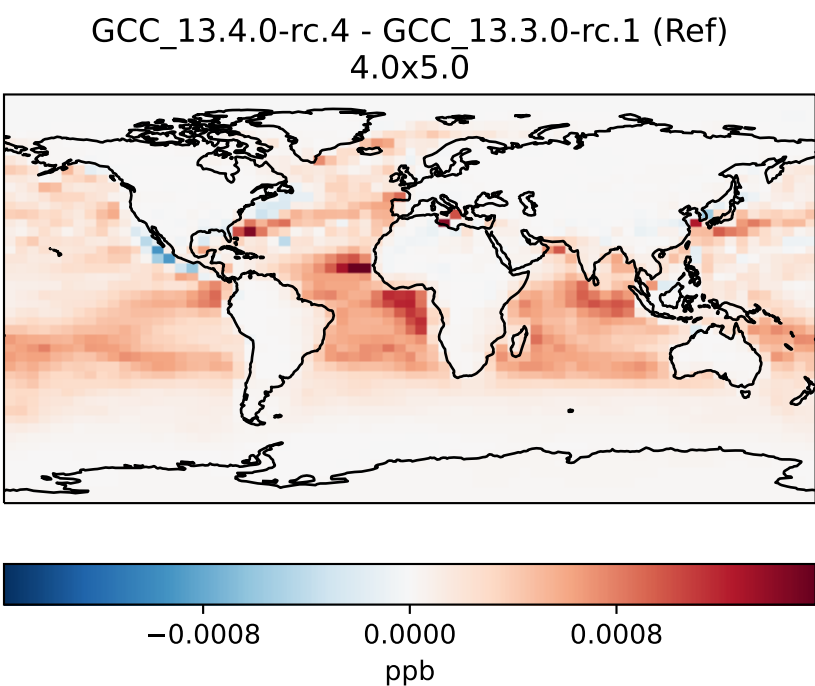
Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



SpeciesConc_HOI



SpeciesConc_OIO

