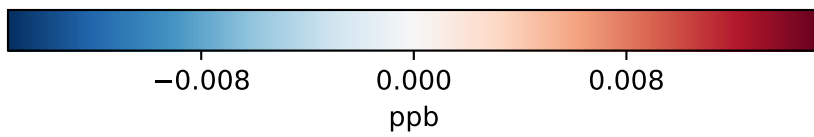
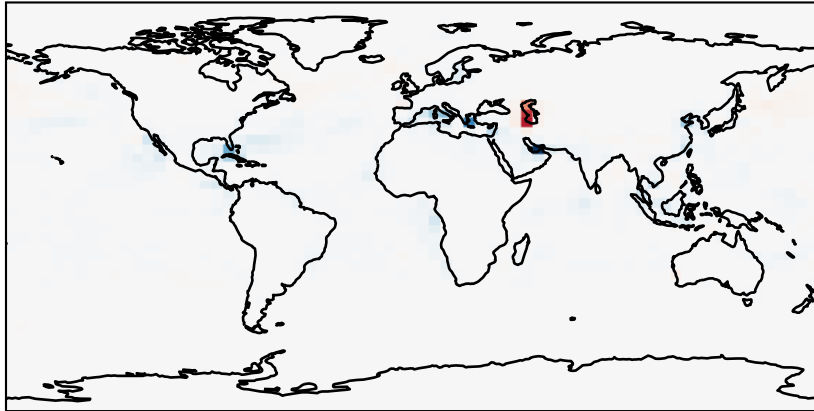
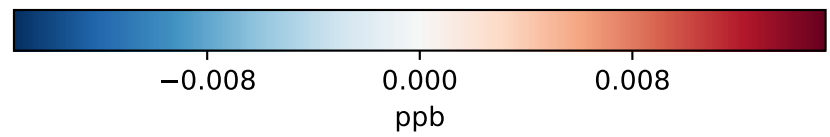


SpeciesConcVW_Iy

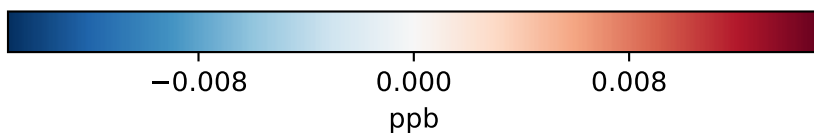
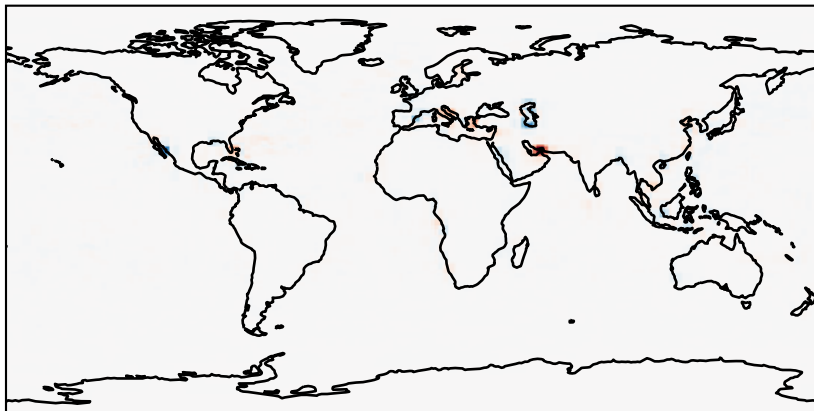
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



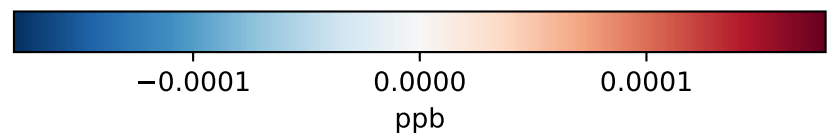
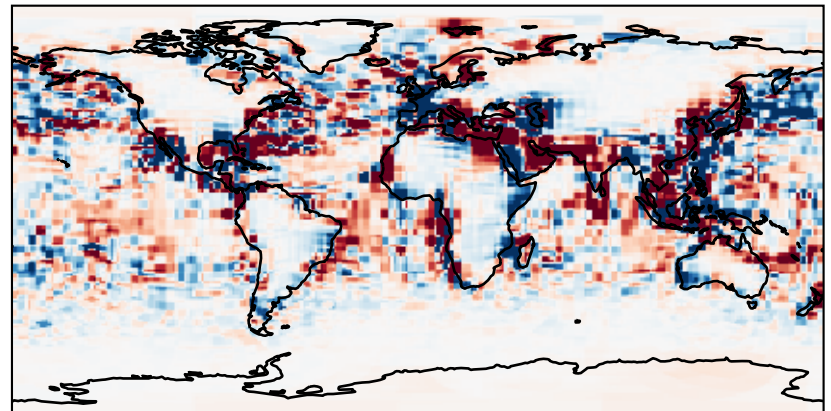
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



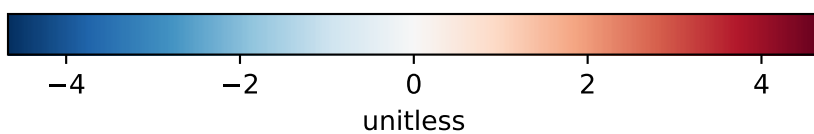
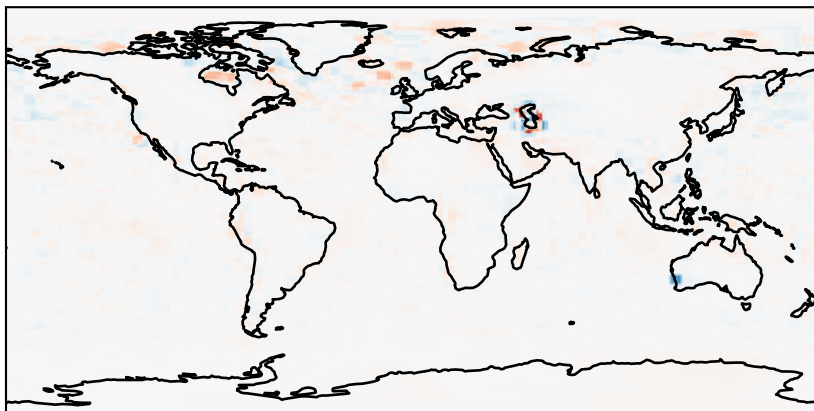
Difference (1x1.25)
Dev - Ref, Dynamic Range



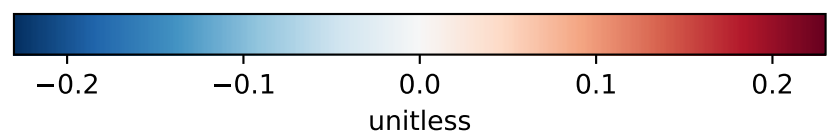
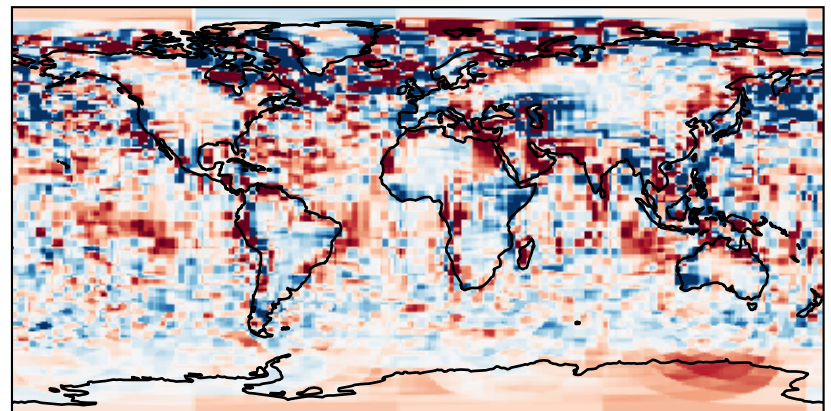
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

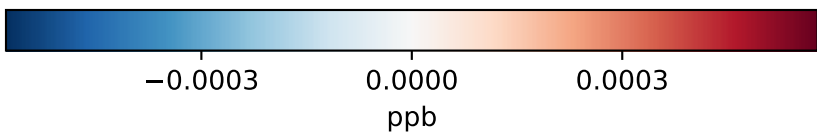
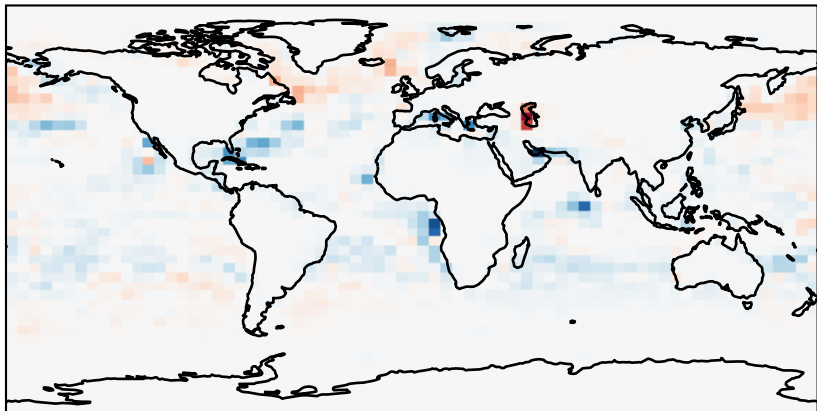


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

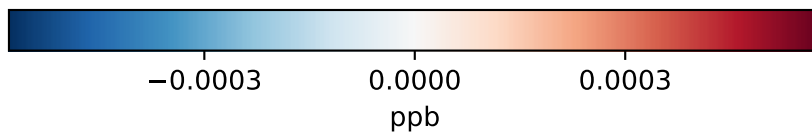
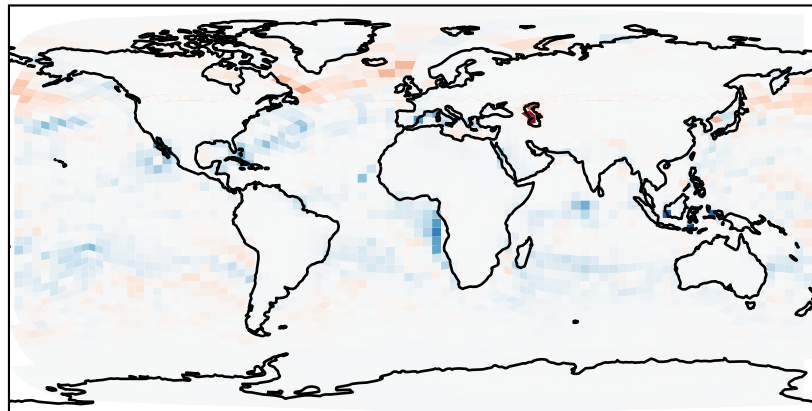


SpeciesConcVW_IxOy

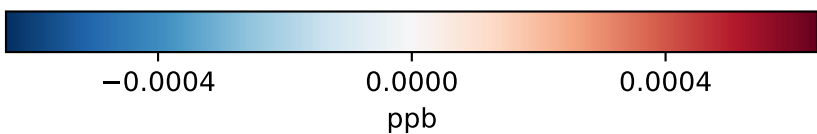
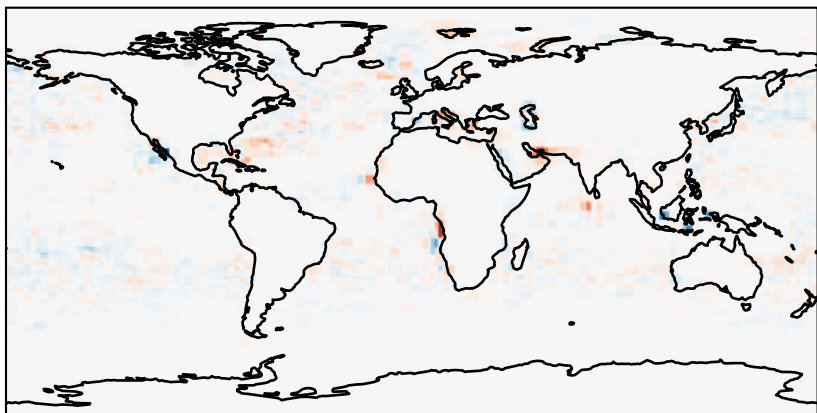
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



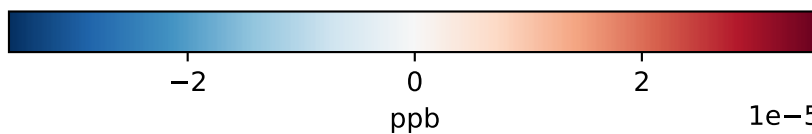
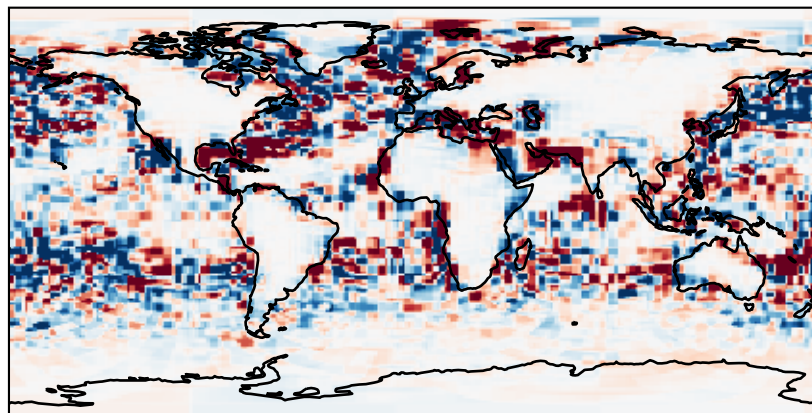
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



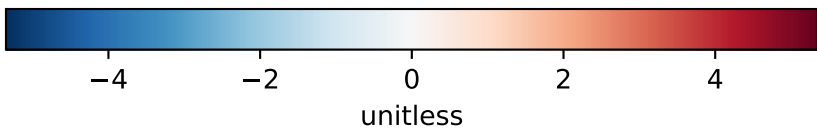
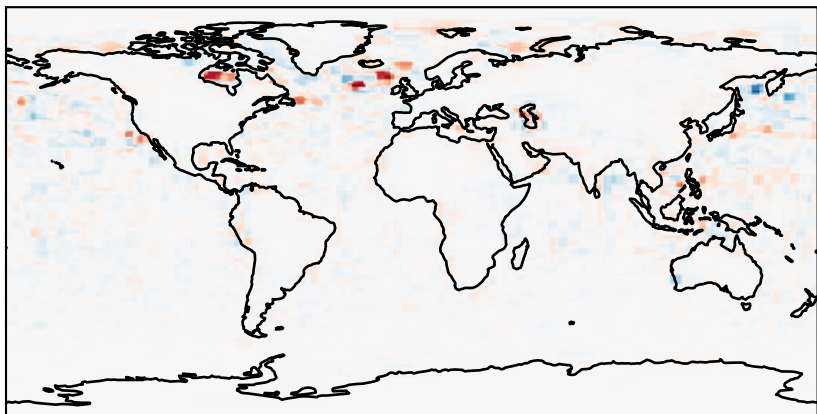
Difference (1x1.25)
Dev - Ref, Dynamic Range



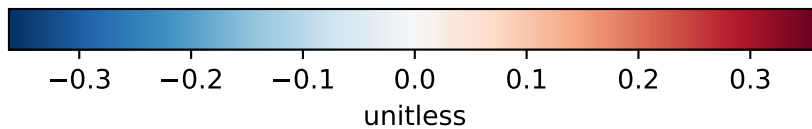
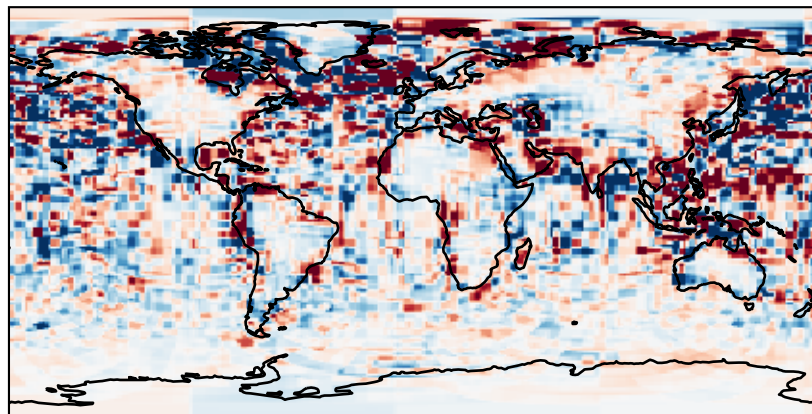
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

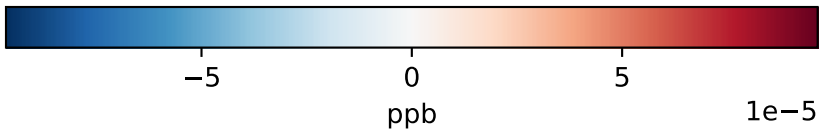
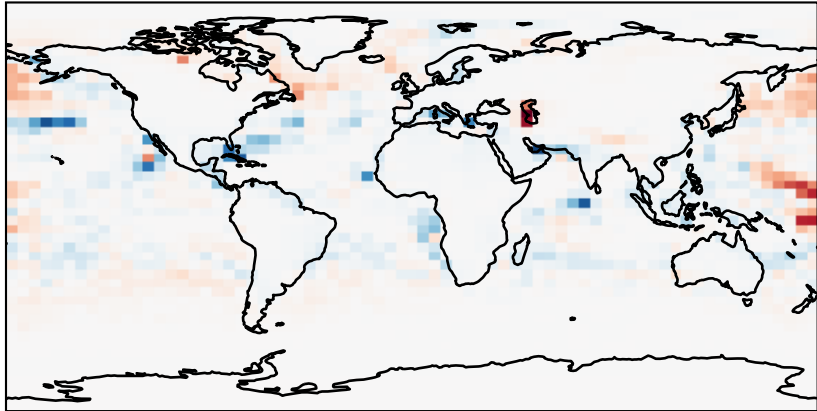


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

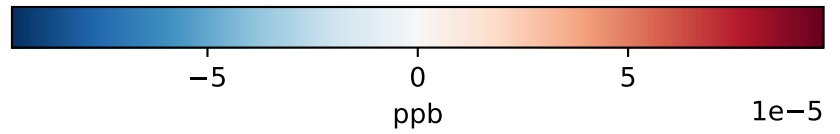
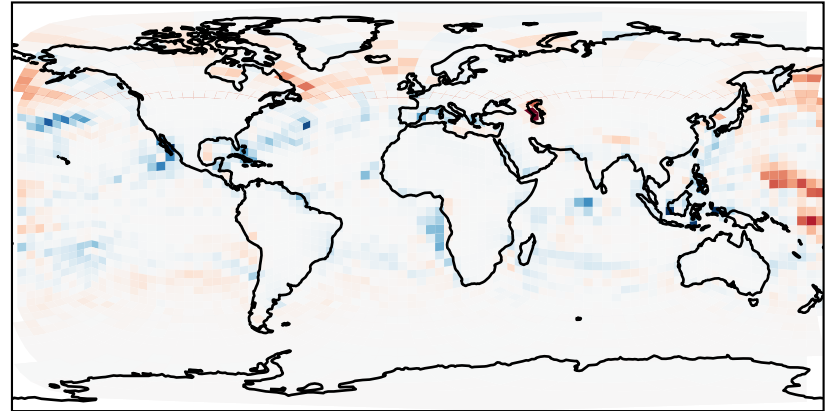


SpeciesConcVW_I

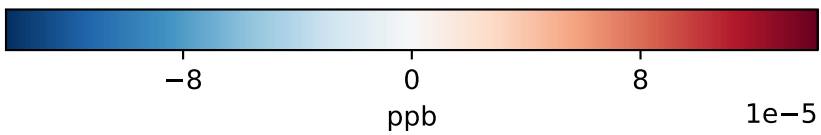
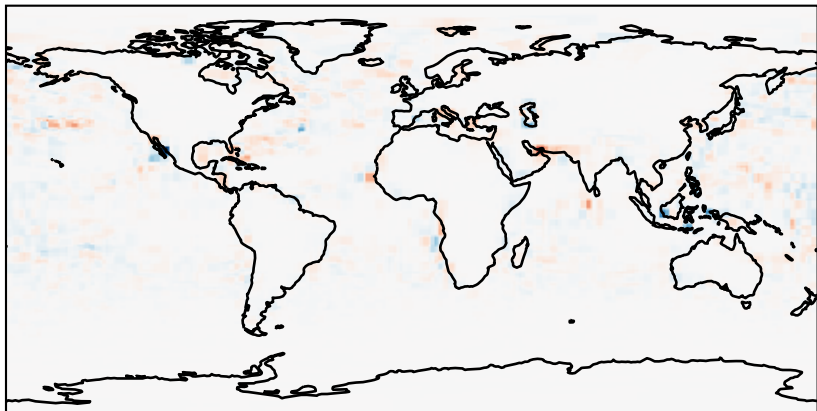
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



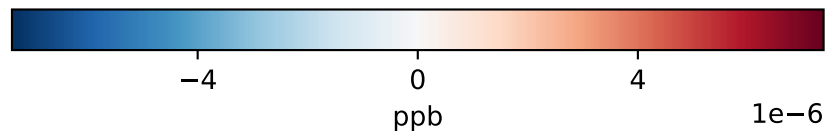
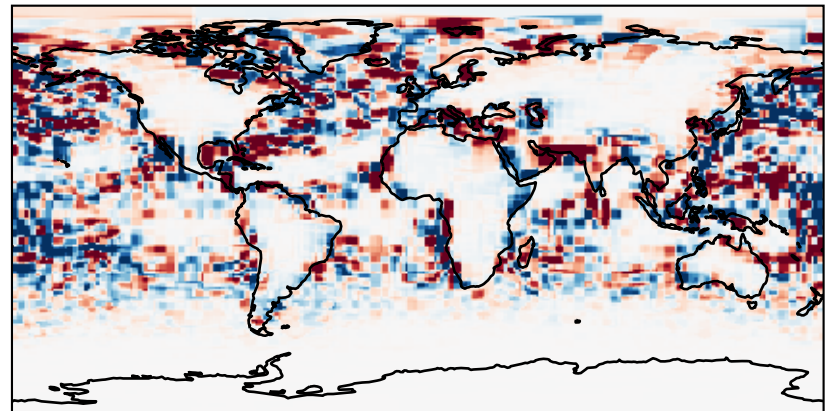
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



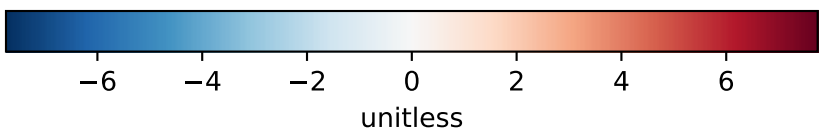
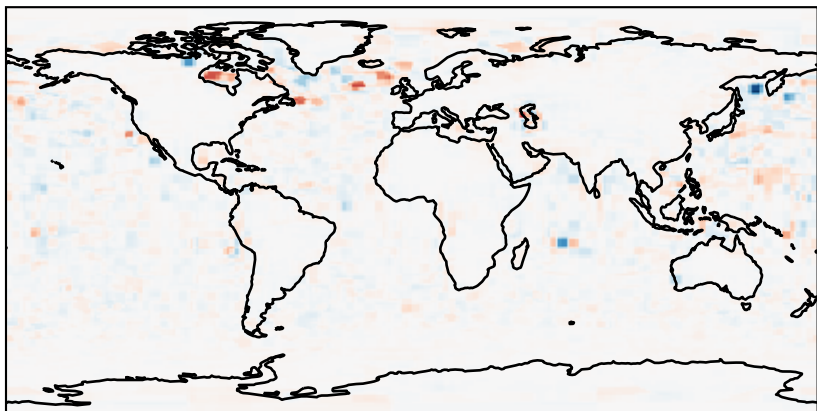
Difference (1x1.25)
Dev - Ref, Dynamic Range



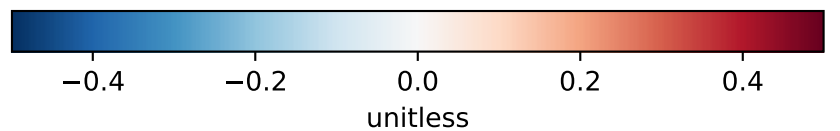
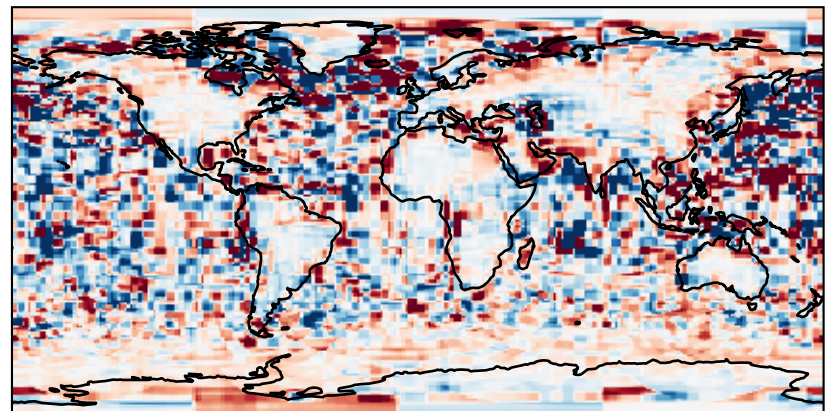
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

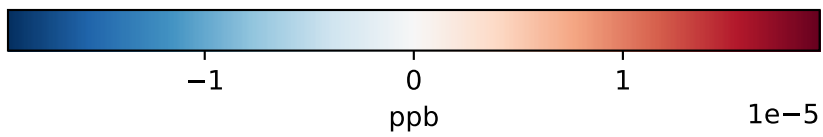
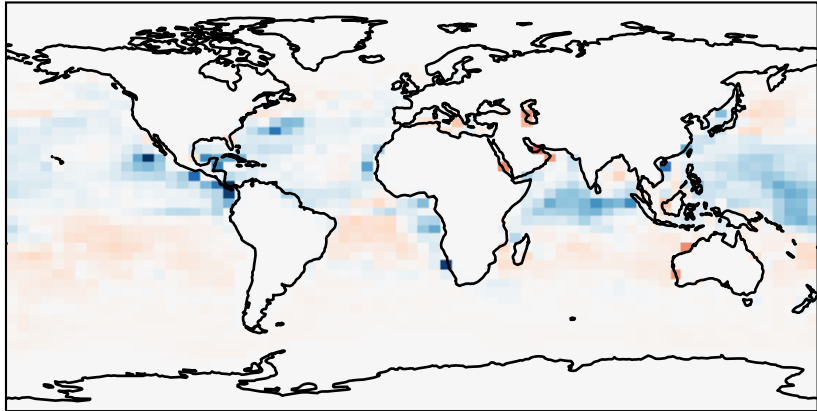


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

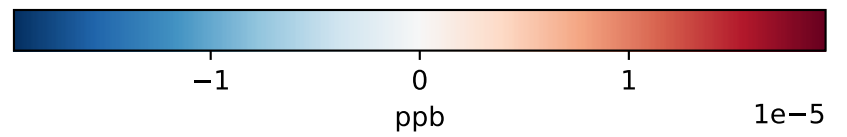
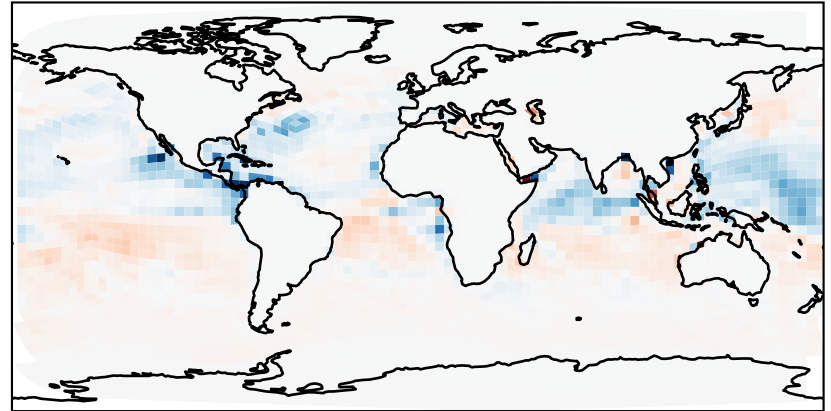


SpeciesConcVV_I2

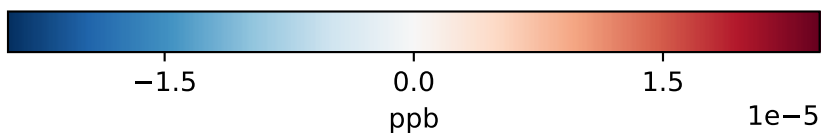
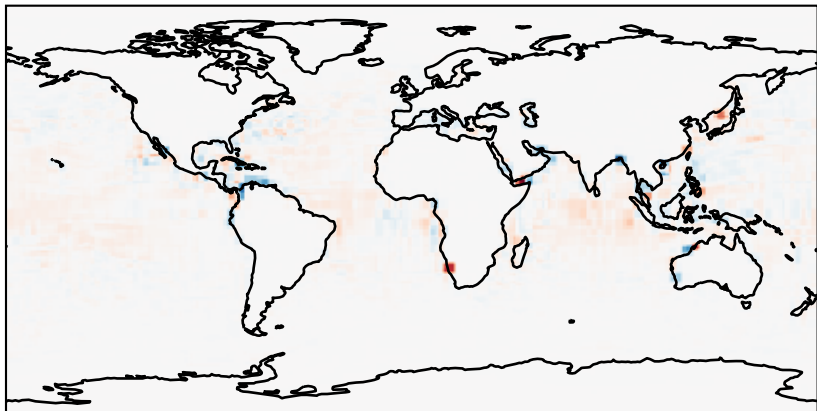
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



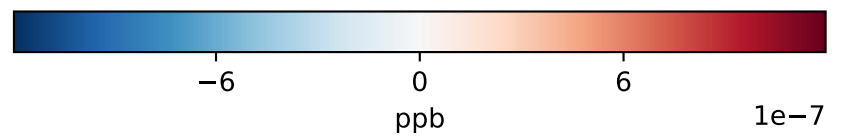
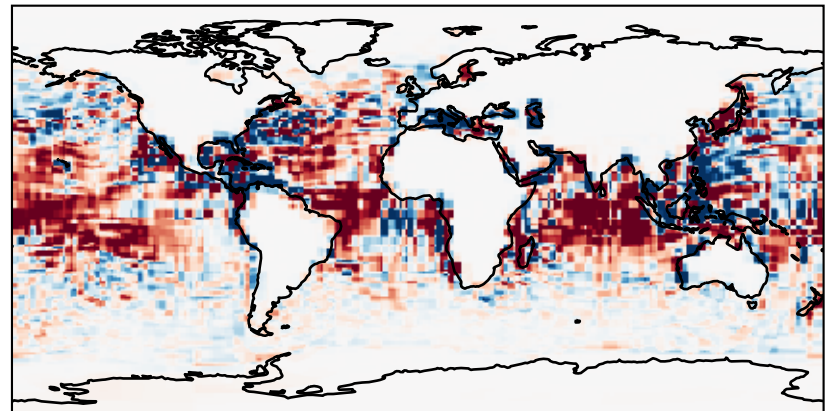
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



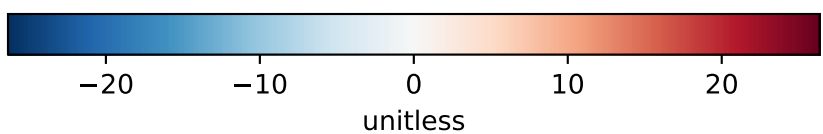
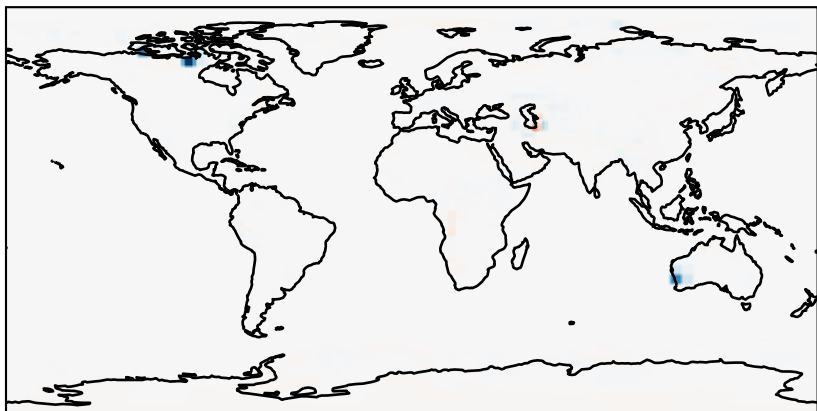
Difference (1x1.25)
Dev - Ref, Dynamic Range



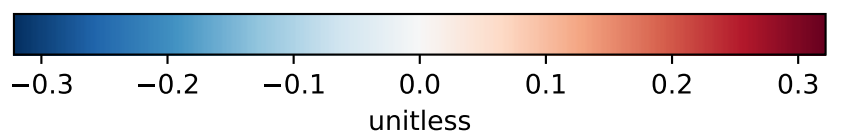
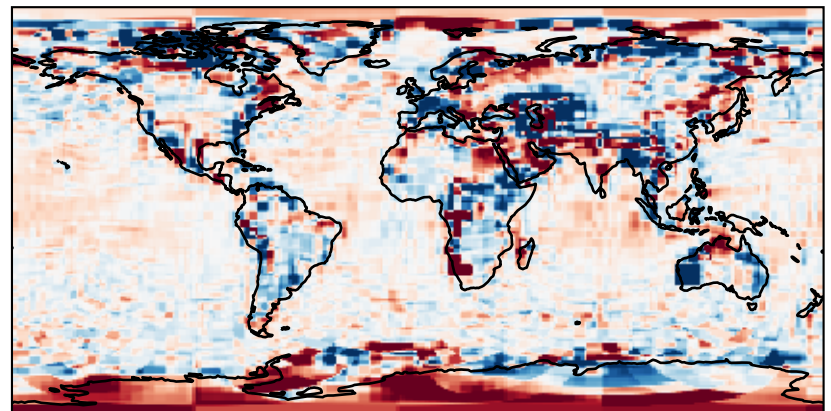
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

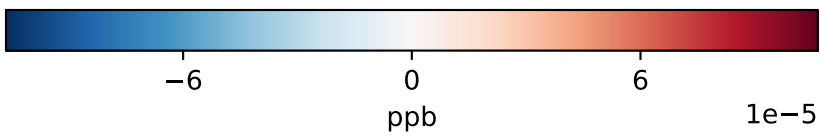
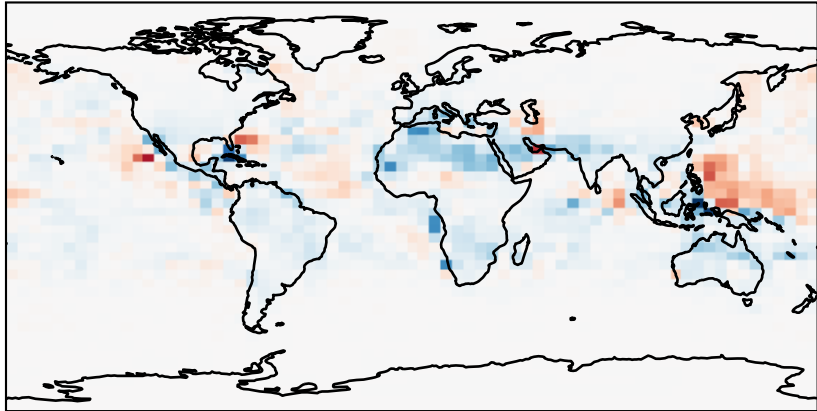


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

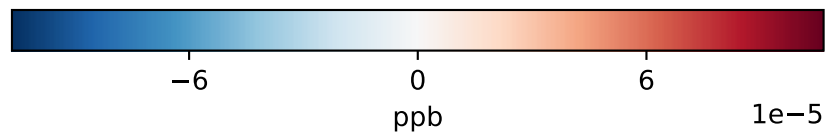
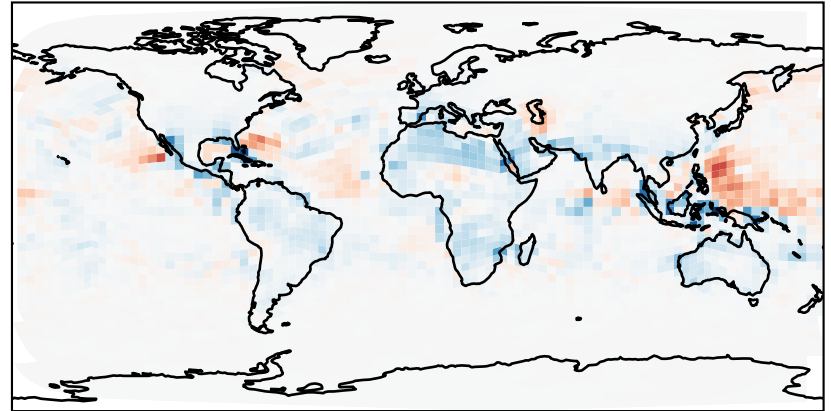


SpeciesConcVV_IBr

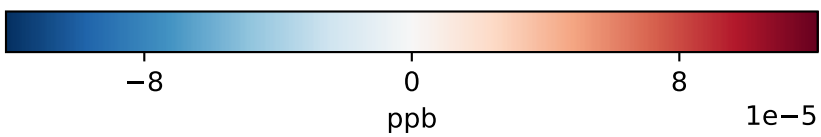
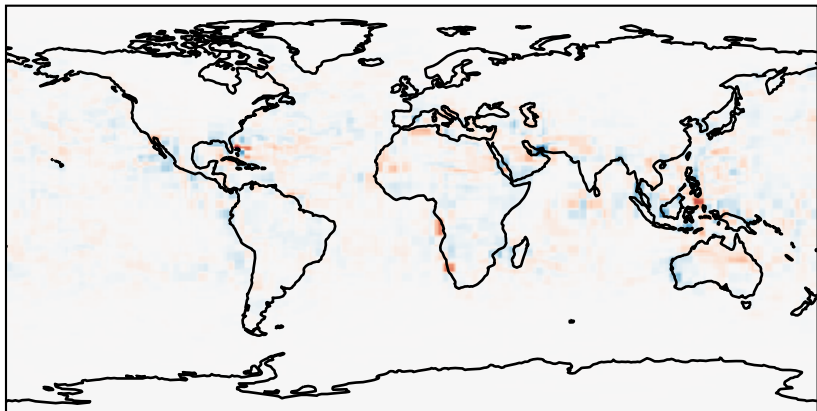
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



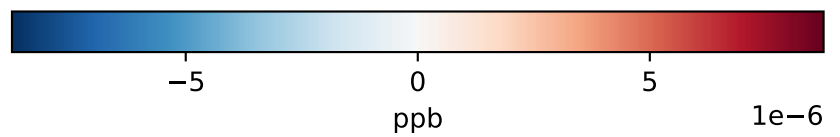
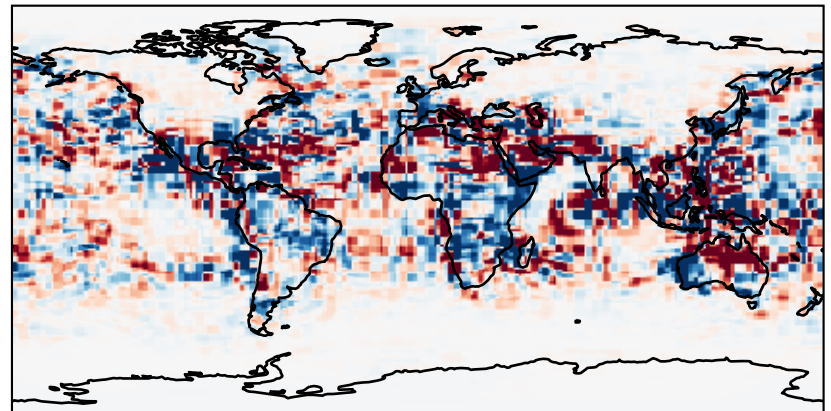
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



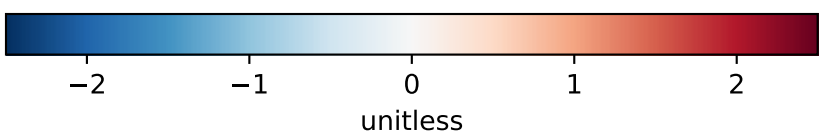
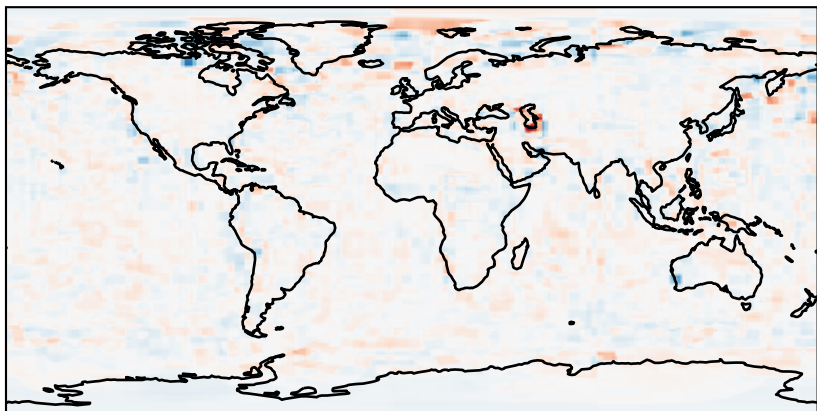
Difference (1x1.25)
Dev - Ref, Dynamic Range



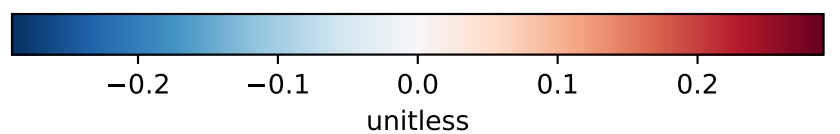
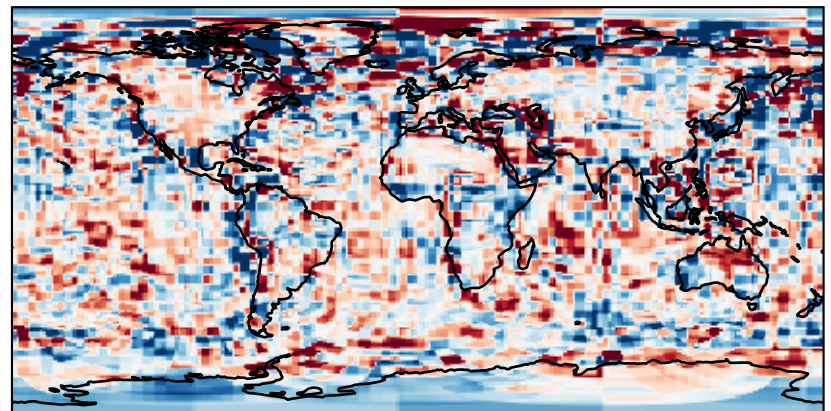
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

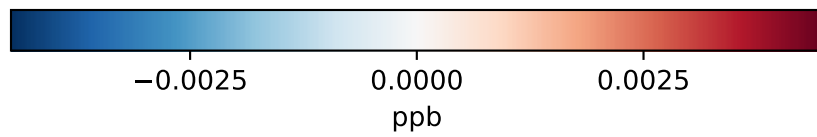
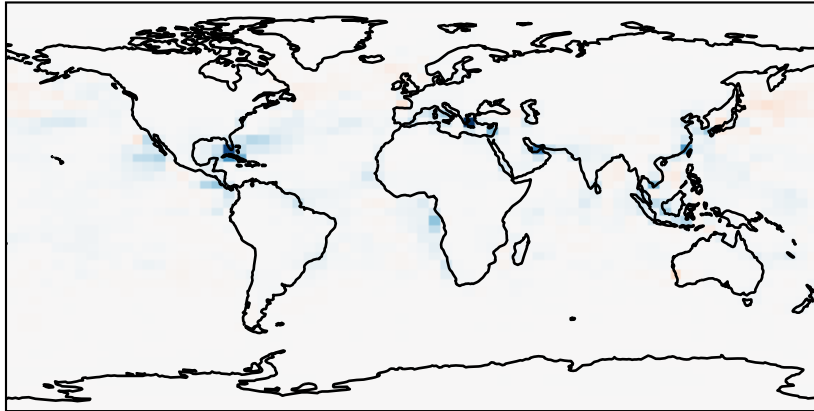


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

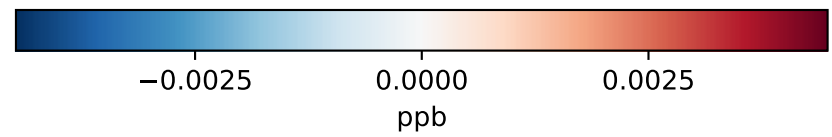
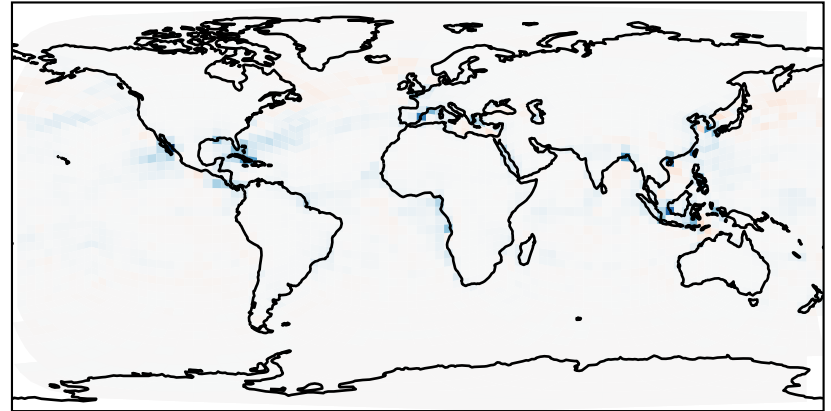


SpeciesConcVW_ICI

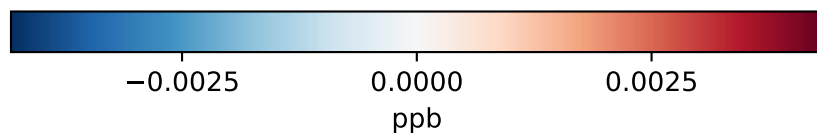
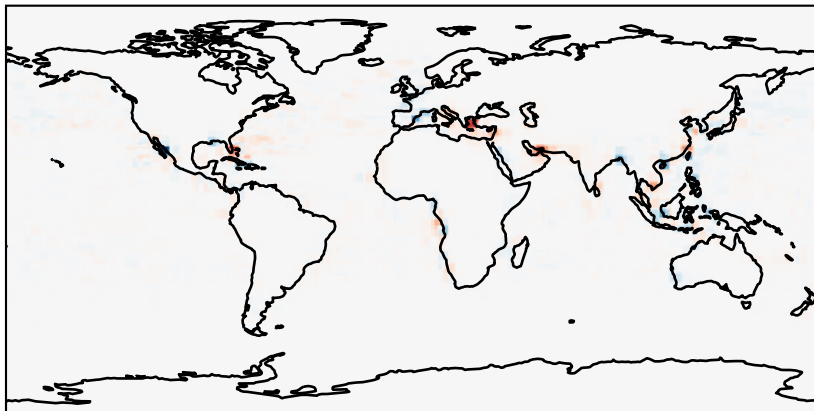
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



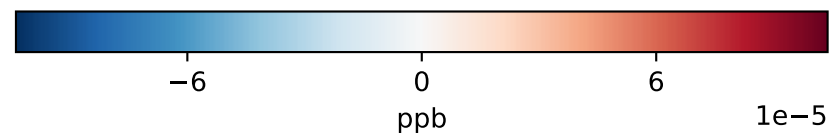
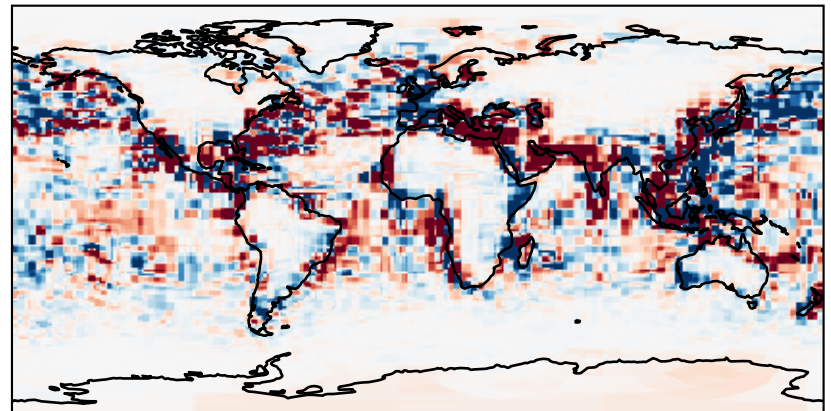
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



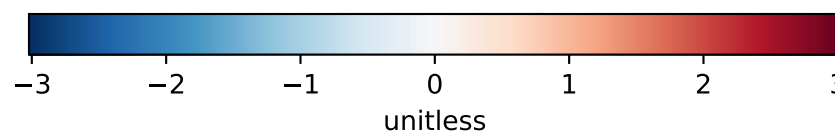
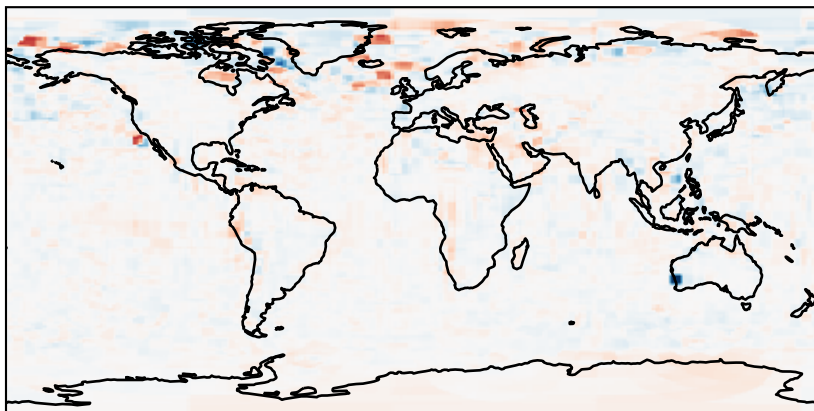
Difference (1x1.25)
Dev - Ref, Dynamic Range



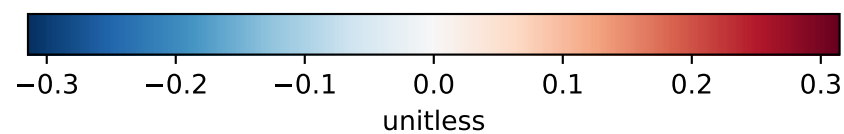
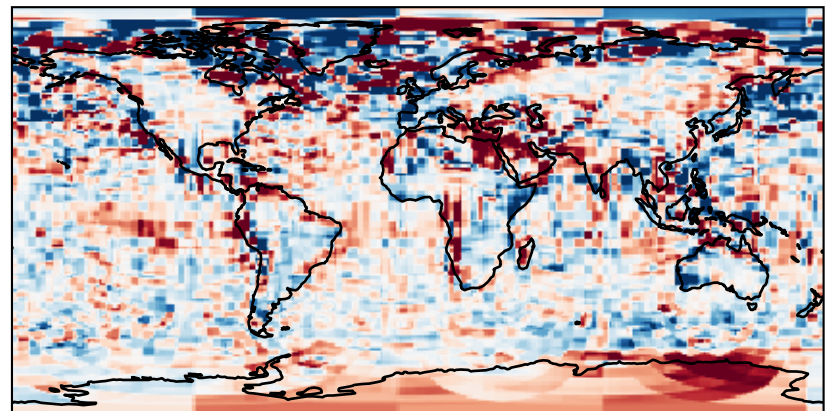
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

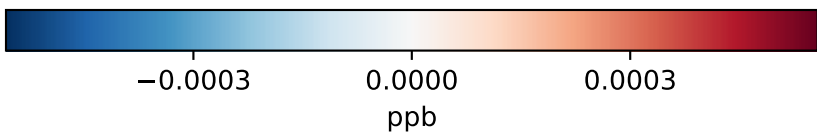
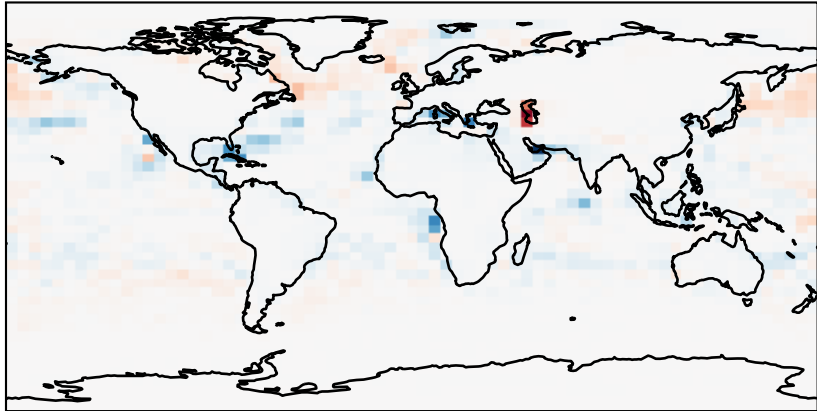


Difference (1x1.25), Restricted Range [5%,95%]
 $GCHP_dev / GCHP_ref - GCC_dev / GCC_ref$

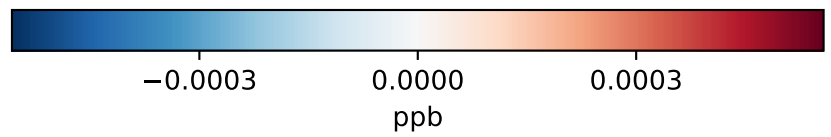
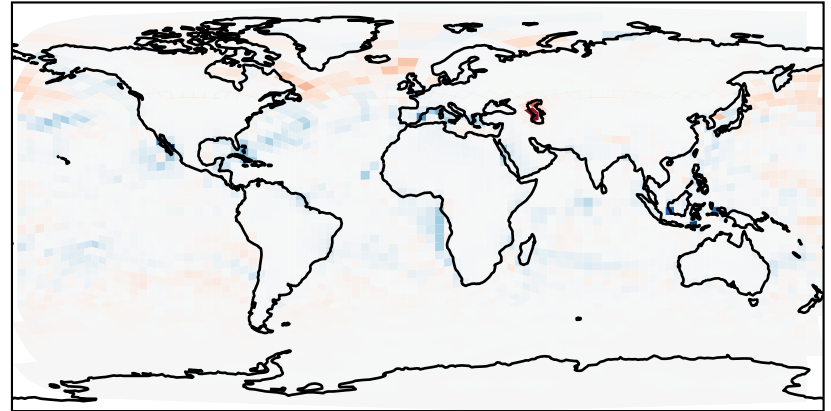


SpeciesConcVV_IO

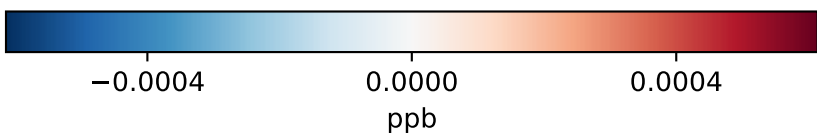
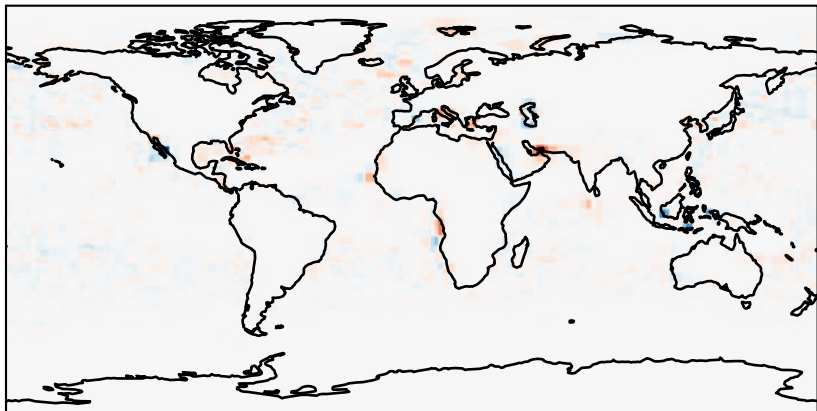
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



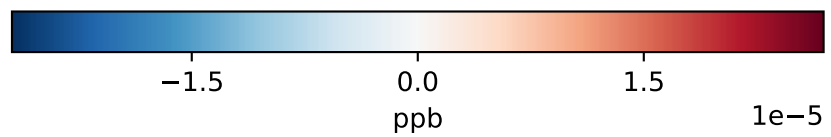
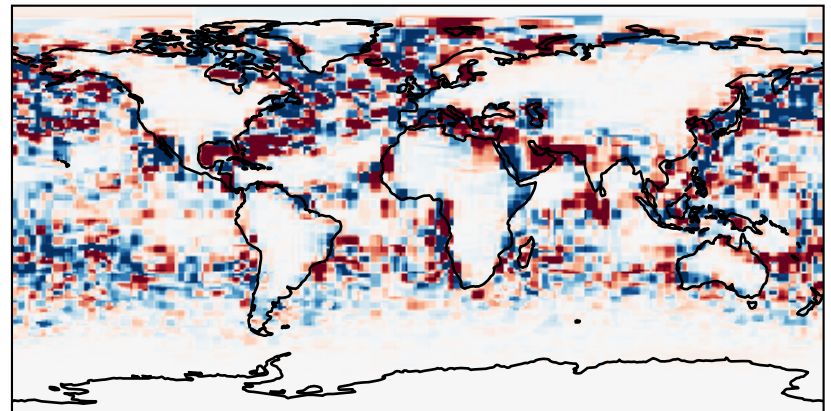
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



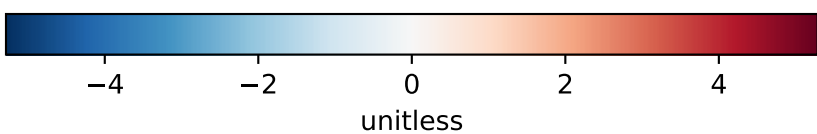
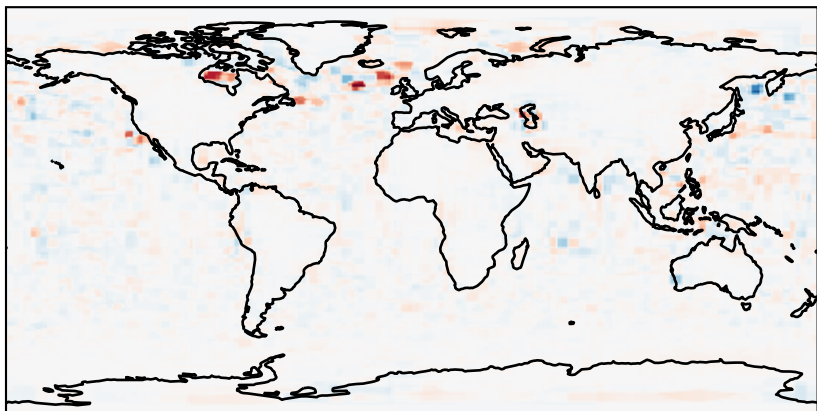
Difference (1x1.25)
Dev - Ref, Dynamic Range



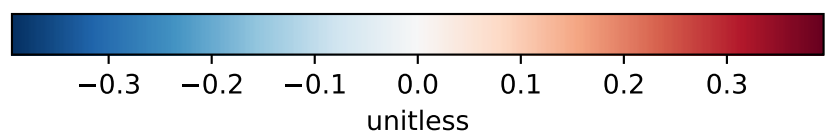
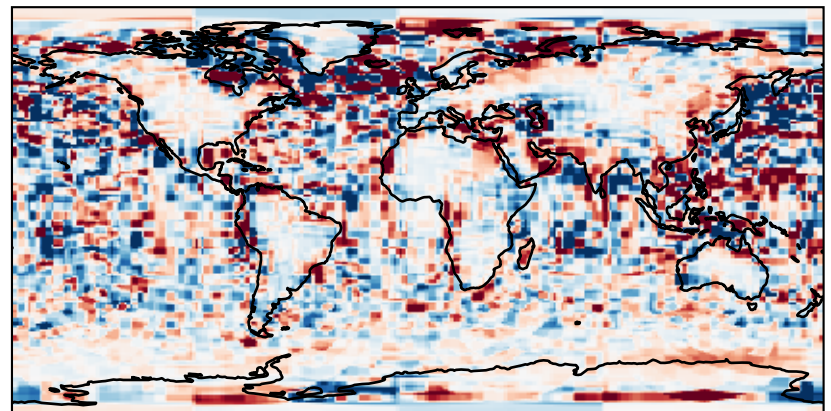
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

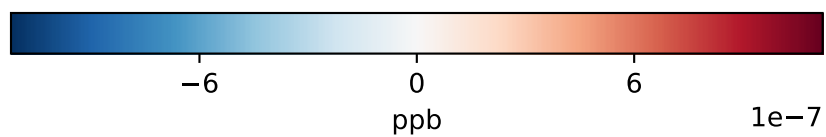
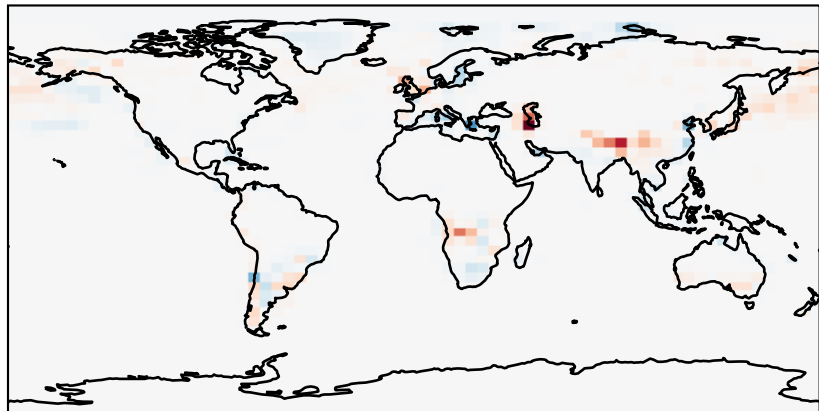


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

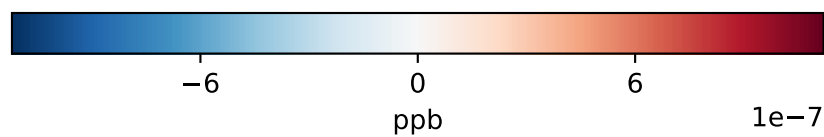
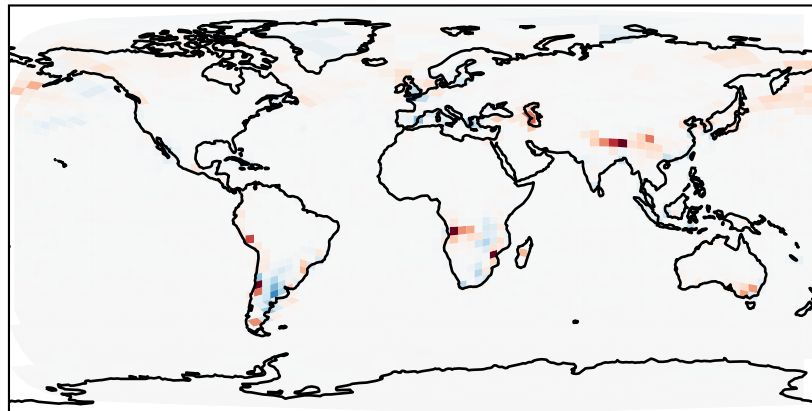


SpeciesConcVV_IONO

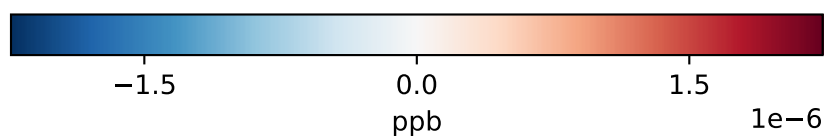
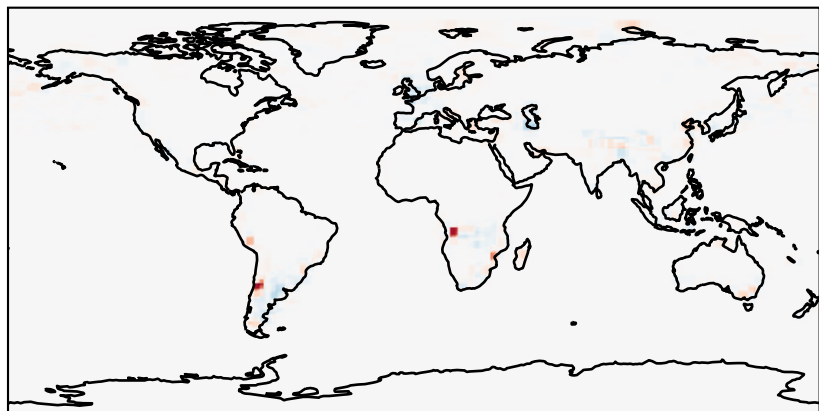
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



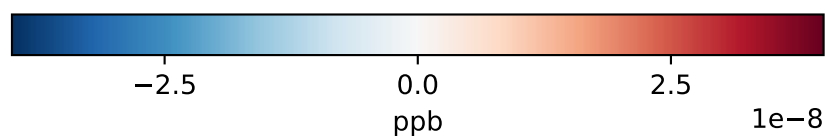
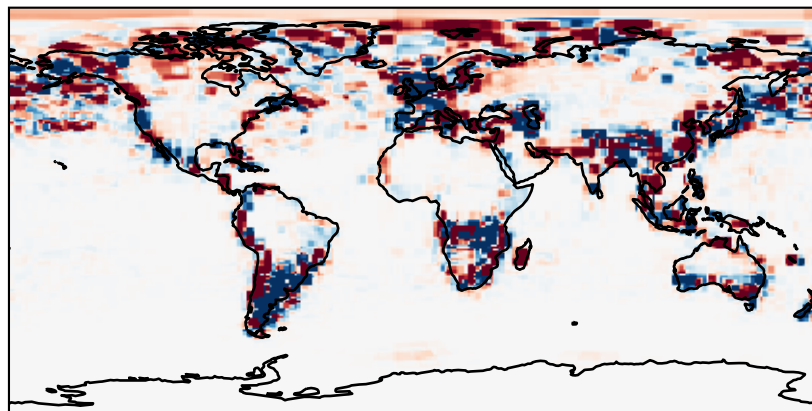
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



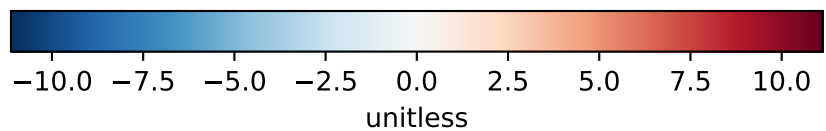
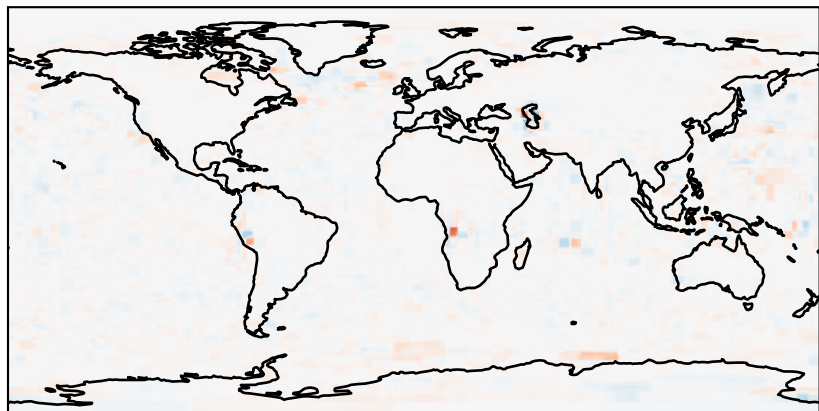
Difference (1x1.25)
Dev - Ref, Dynamic Range



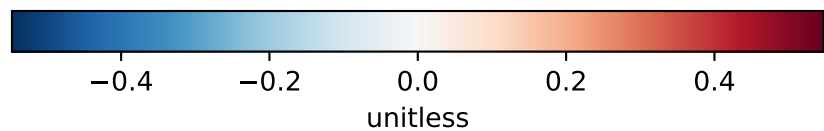
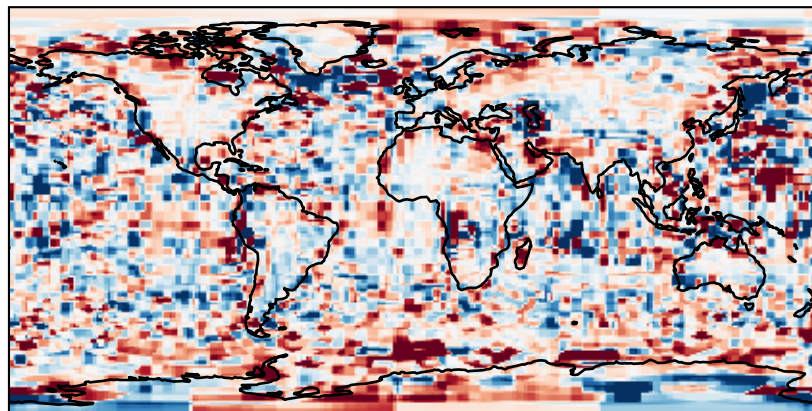
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

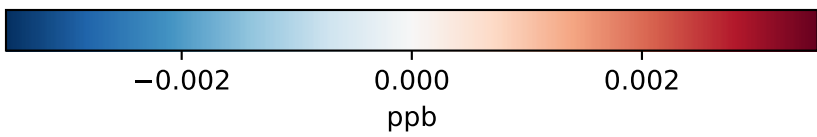
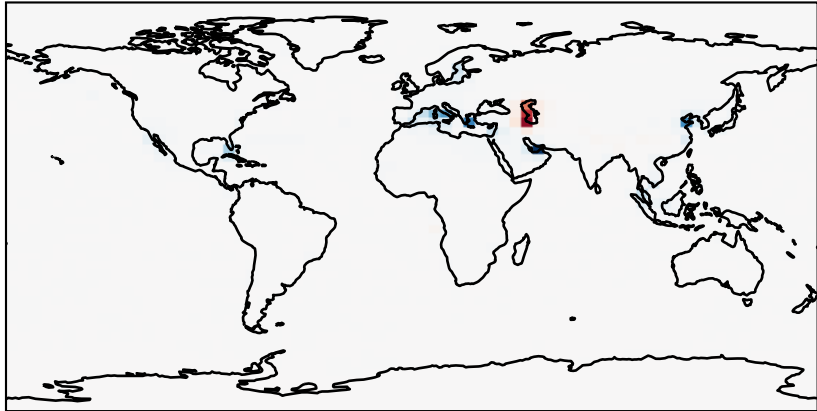


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

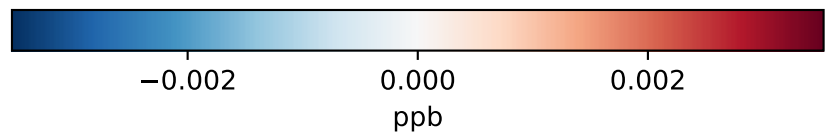
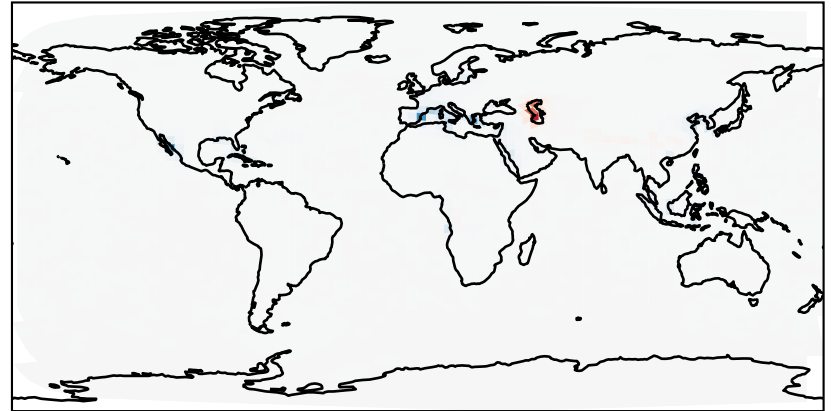


SpeciesConcVW_IONO2

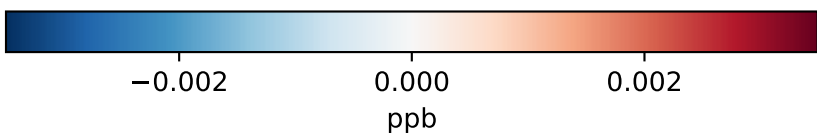
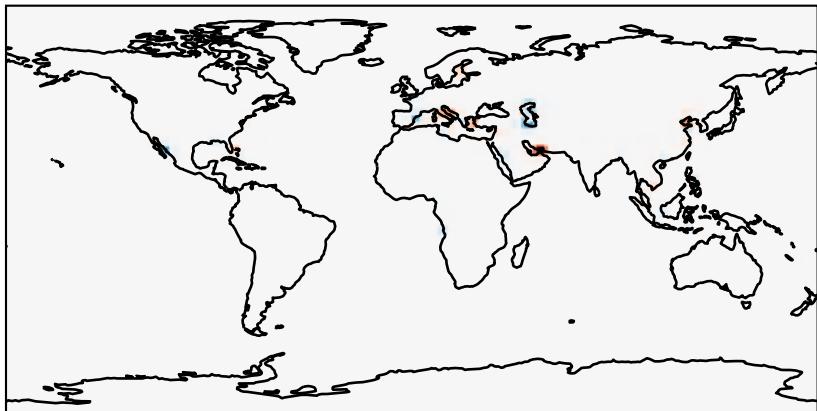
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



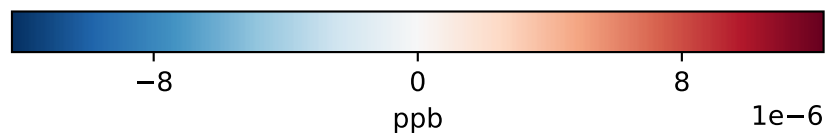
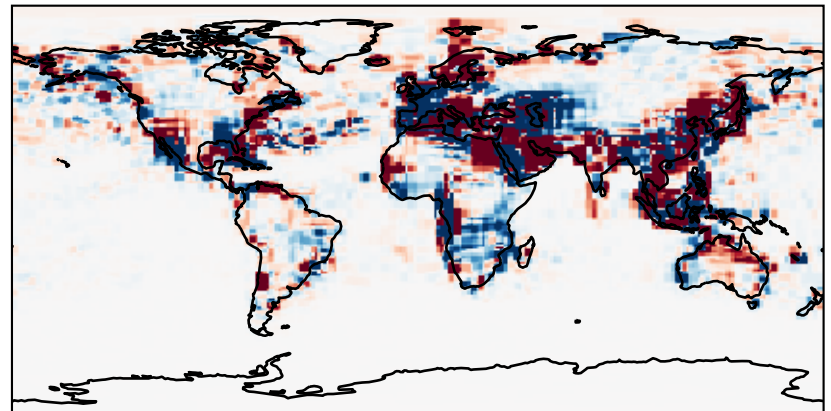
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



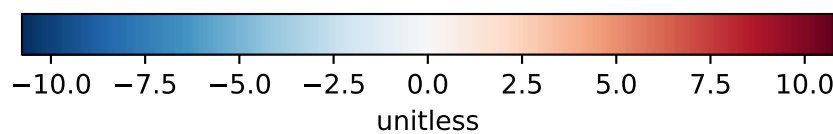
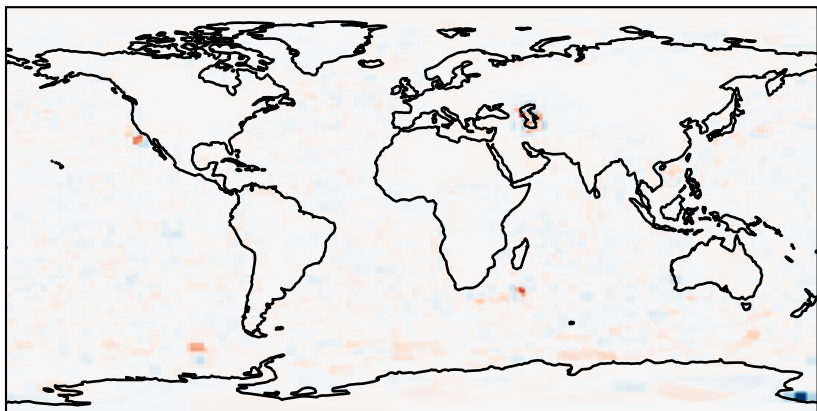
Difference (1x1.25)
Dev - Ref, Dynamic Range



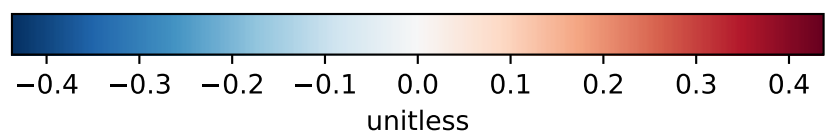
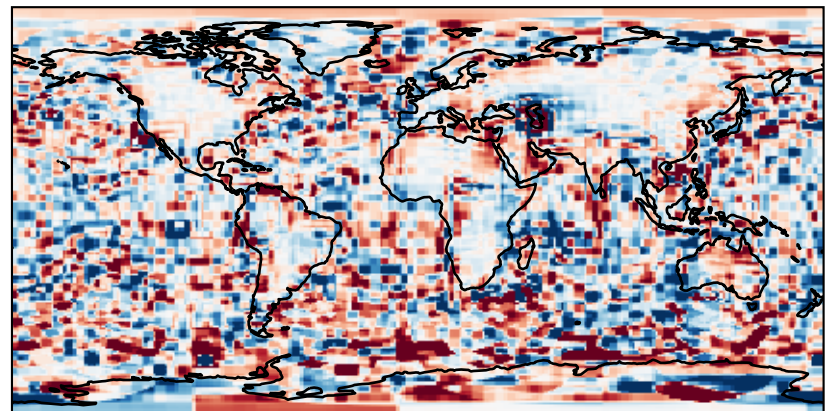
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

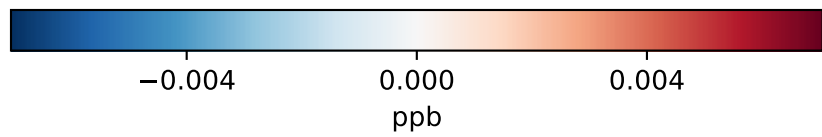
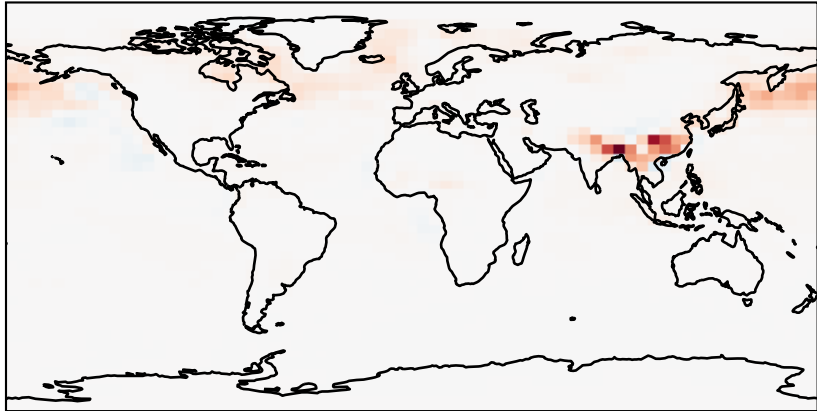


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

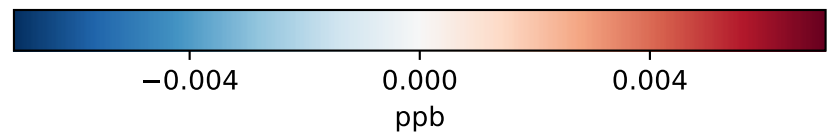
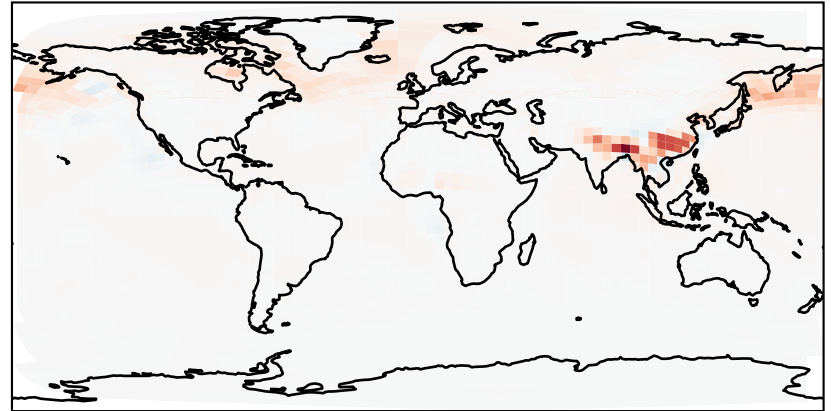


SpeciesConcVV_CH3I

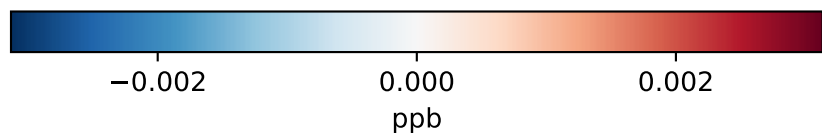
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



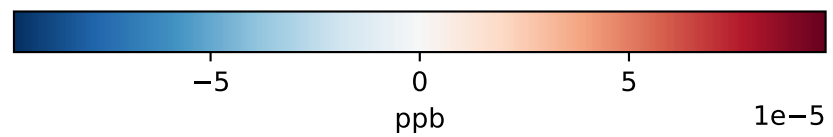
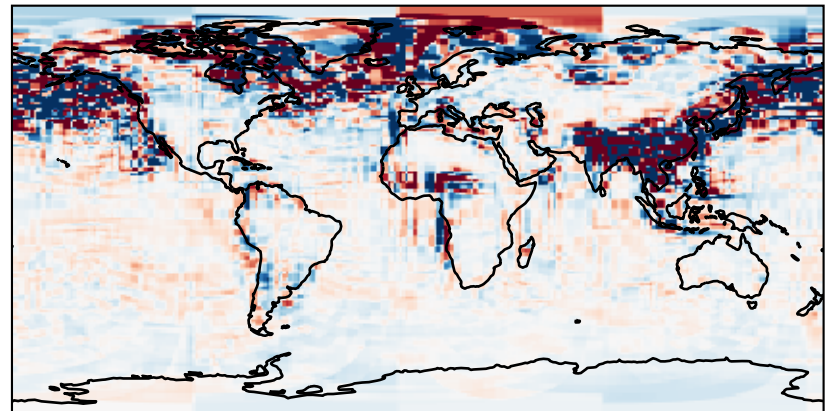
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



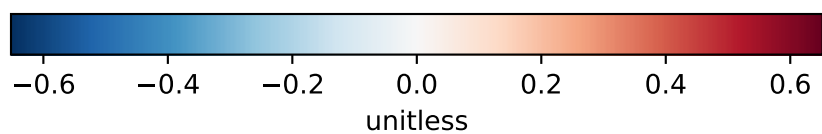
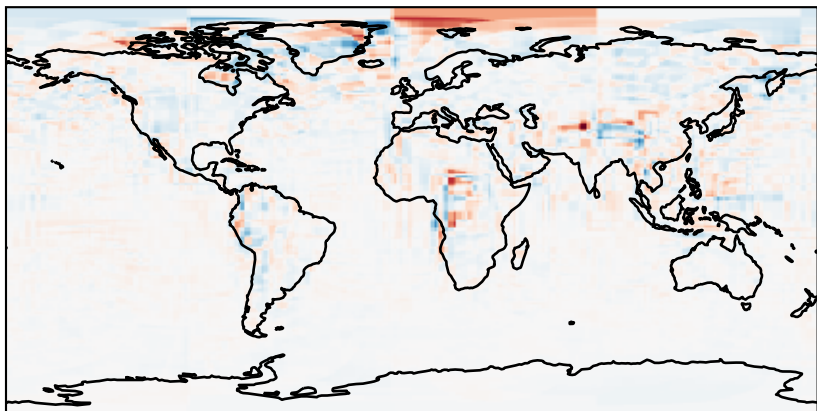
Difference (1x1.25)
Dev - Ref, Dynamic Range



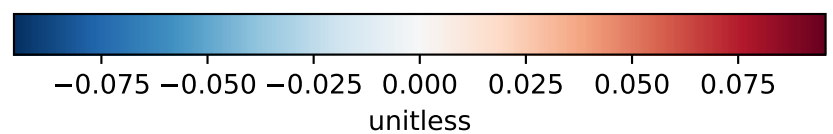
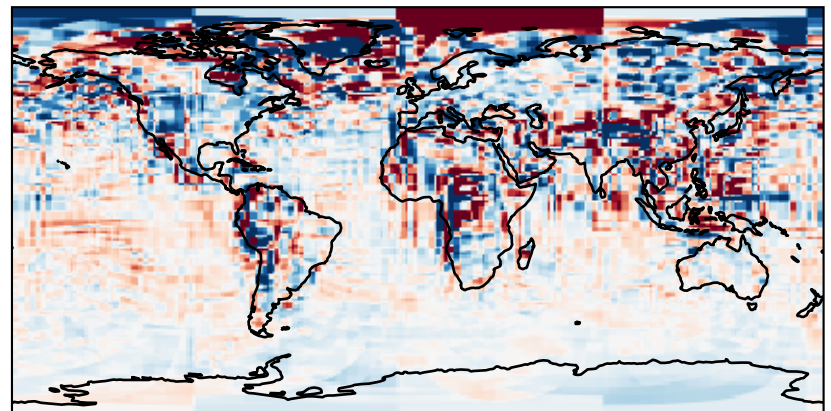
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

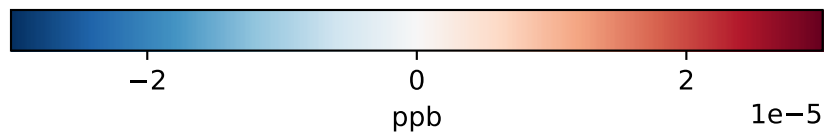
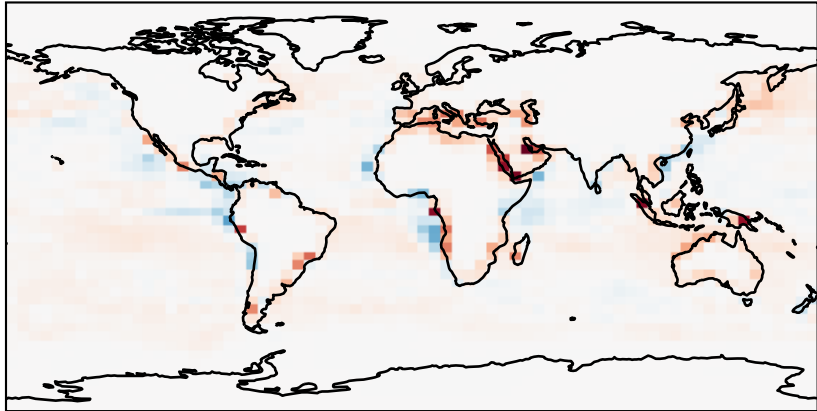


Difference (1x1.25), Restricted Range [5%,95%]
 $\frac{GCHP_dev}{GCHP_ref} - \frac{GCC_dev}{GCC_ref}$

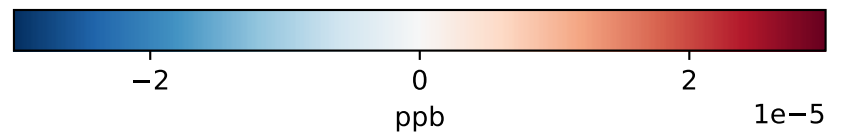
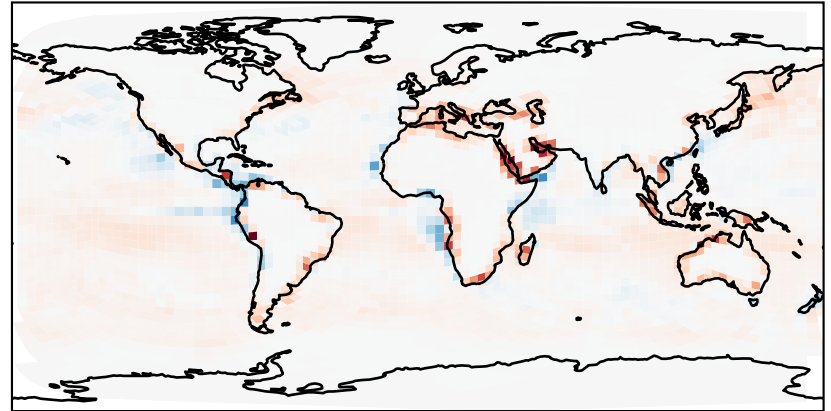


SpeciesConcVV_CH2I2

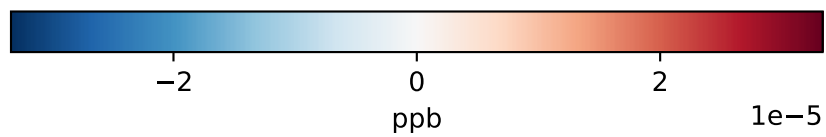
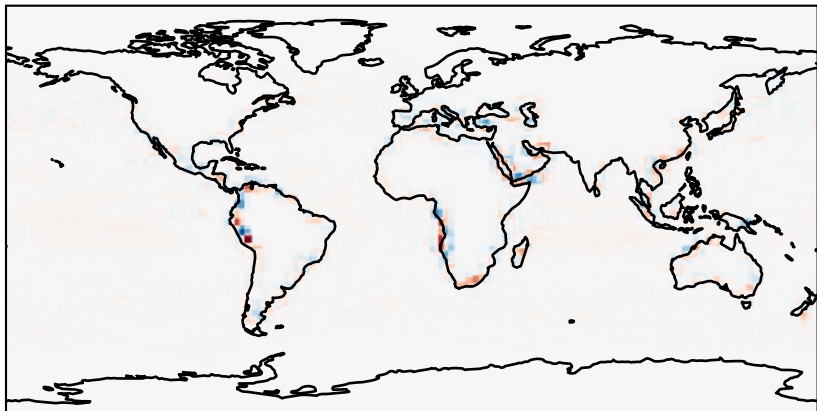
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



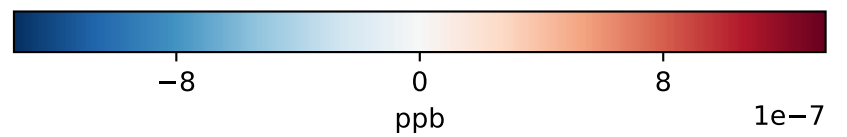
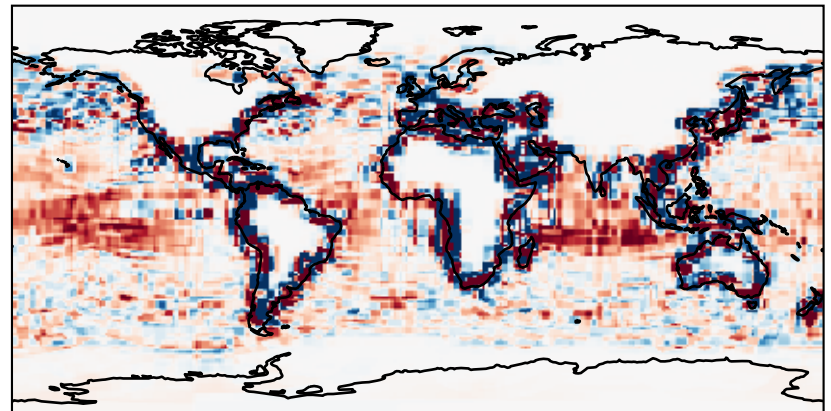
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



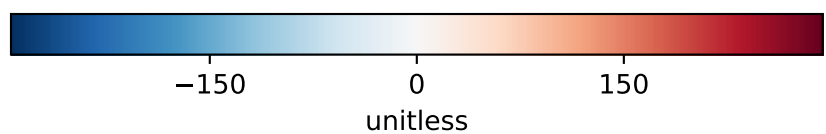
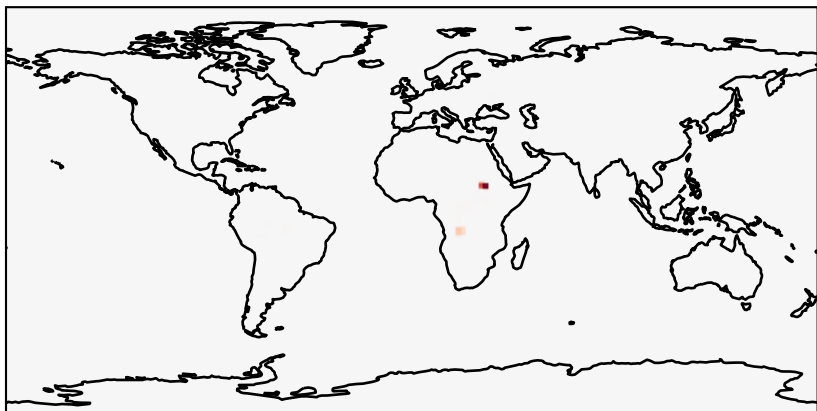
Difference (1x1.25)
Dev - Ref, Dynamic Range



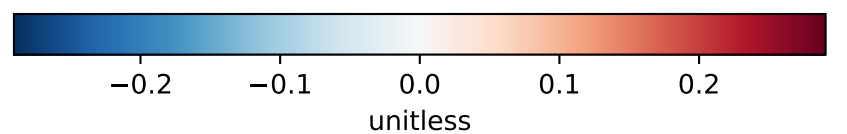
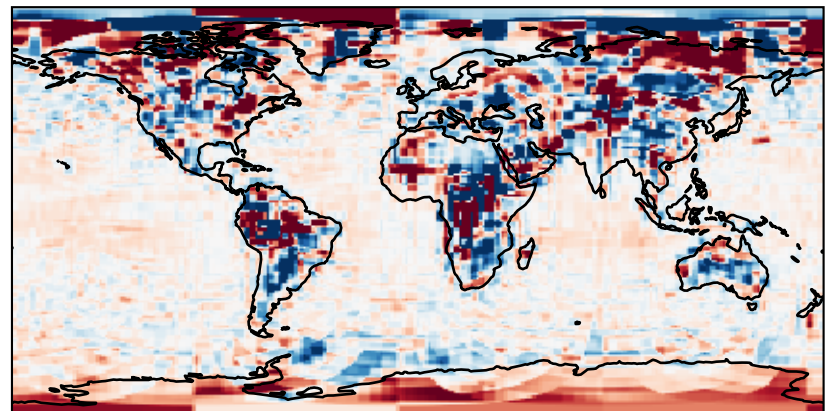
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

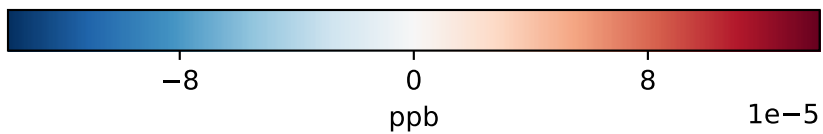
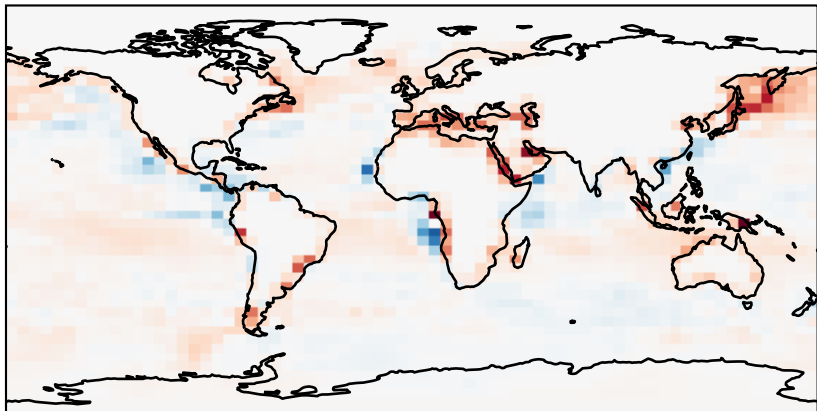


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

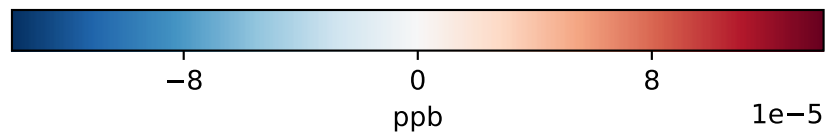
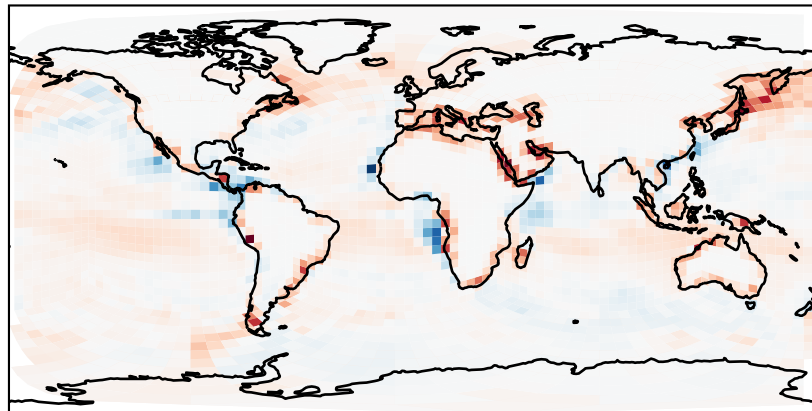


SpeciesConcVV_CH2ICl

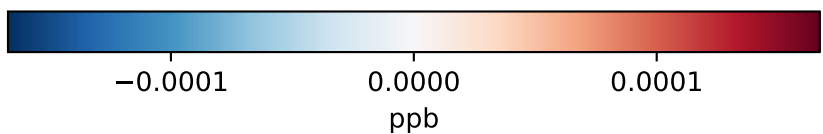
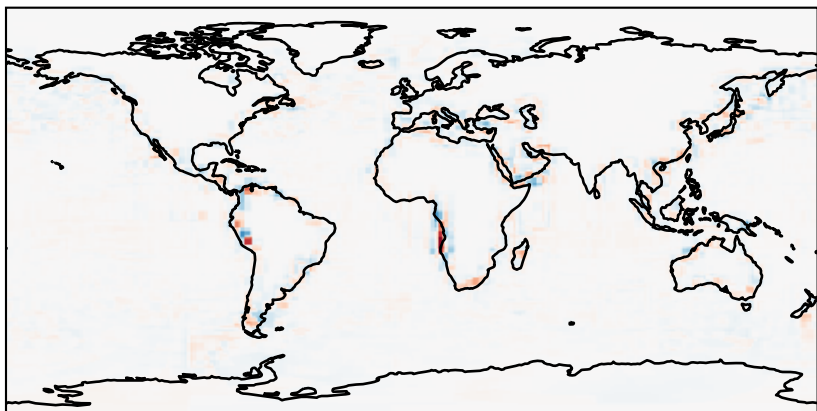
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



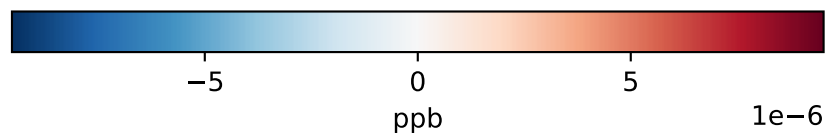
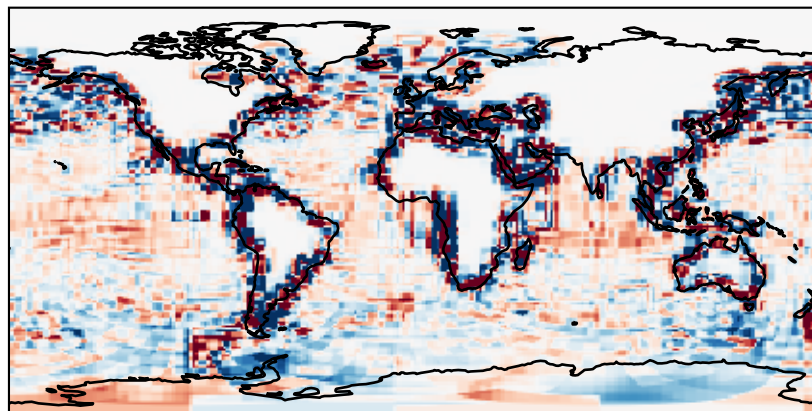
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



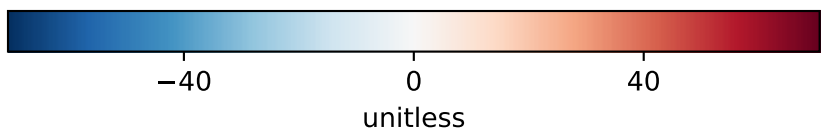
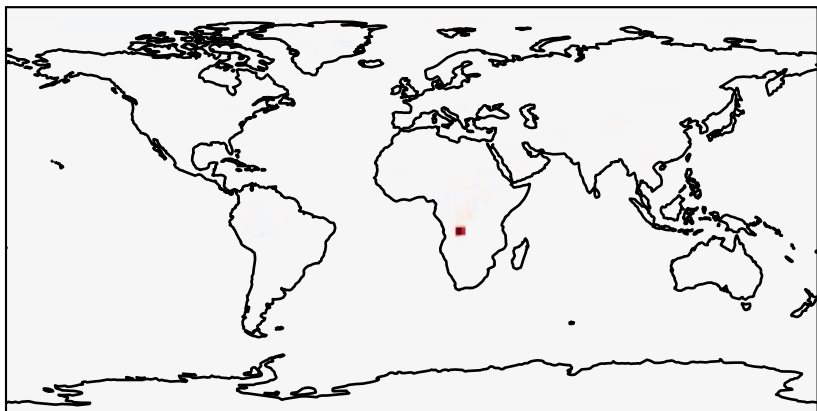
Difference (1x1.25)
Dev - Ref, Dynamic Range



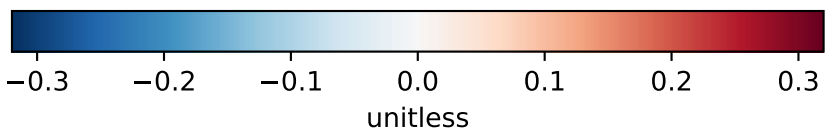
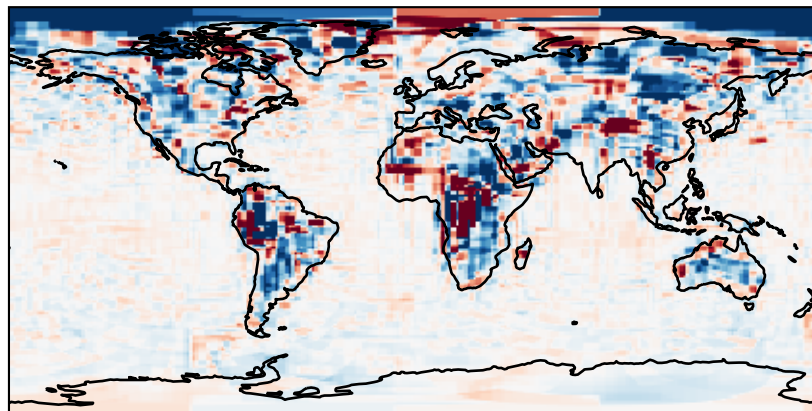
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

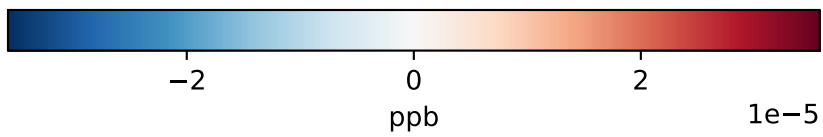
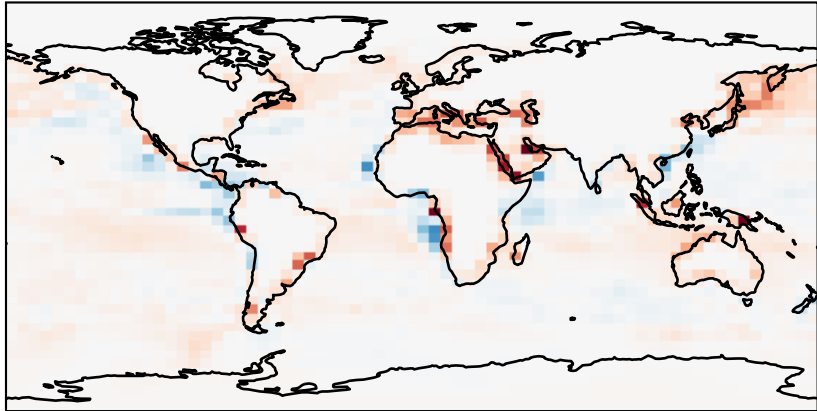


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

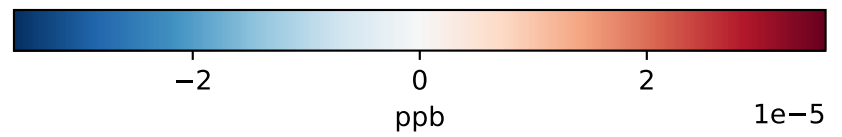
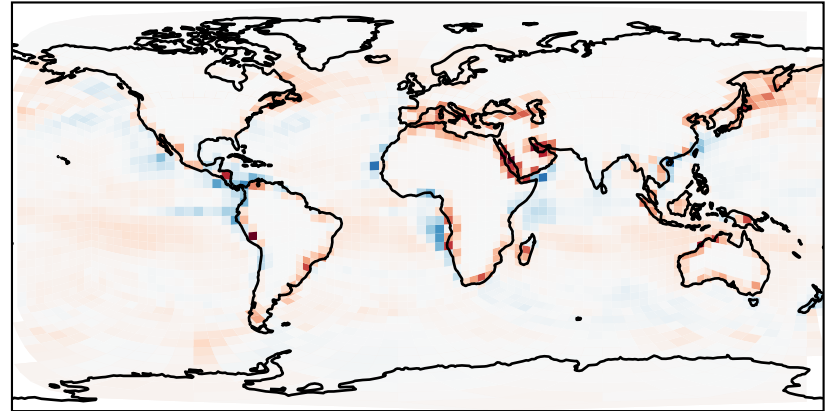


SpeciesConcVV_CH2IBr

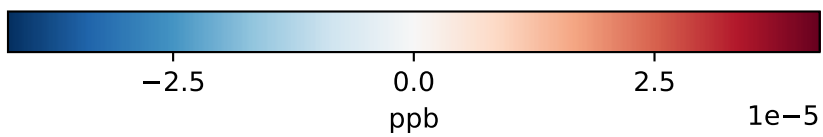
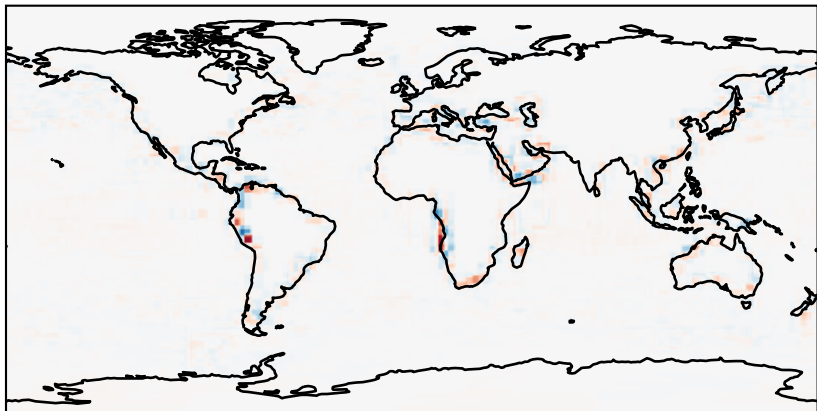
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



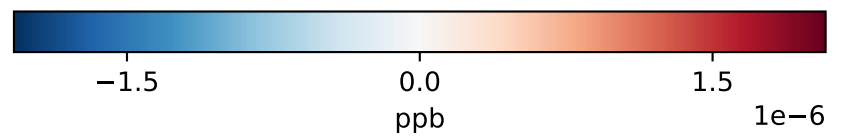
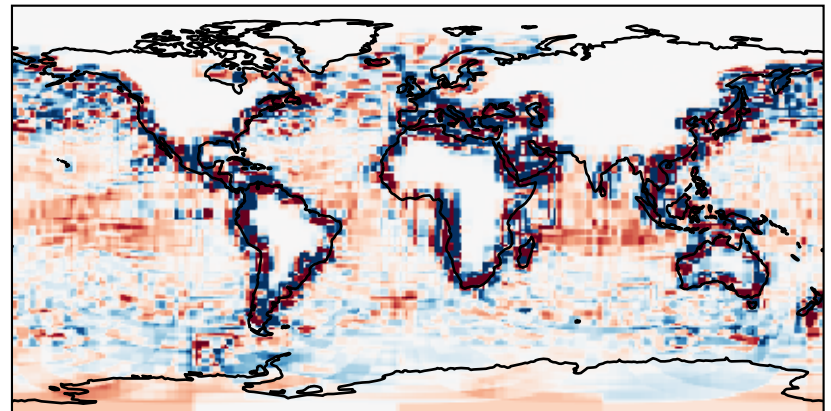
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



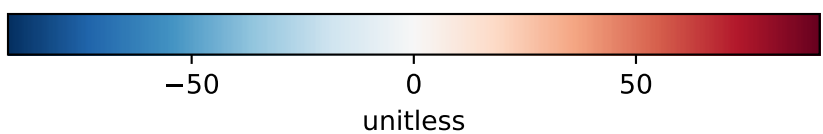
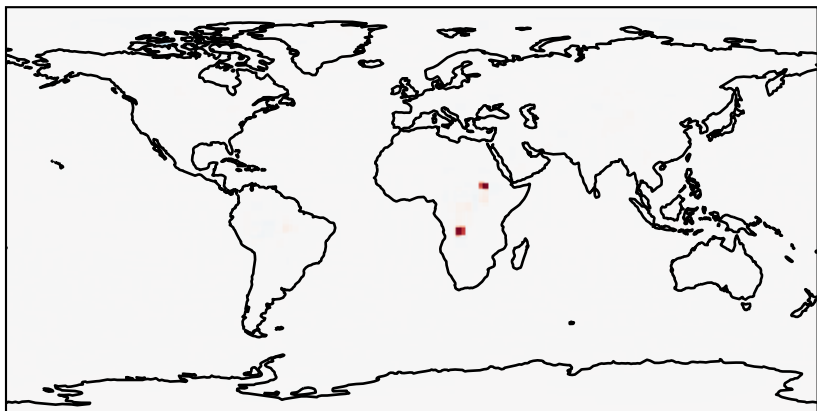
Difference (1x1.25)
Dev - Ref, Dynamic Range



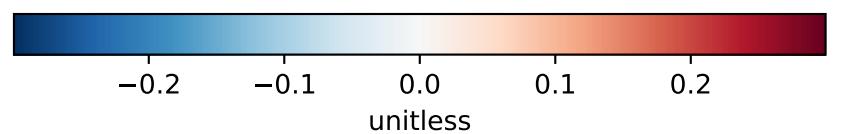
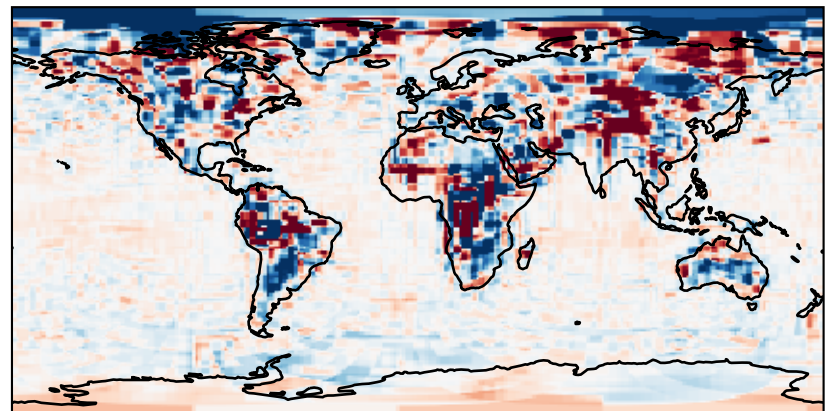
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

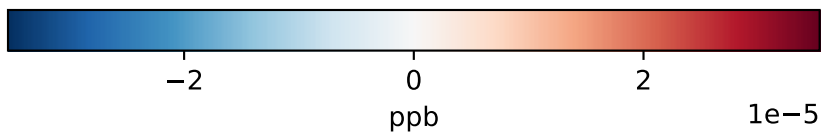
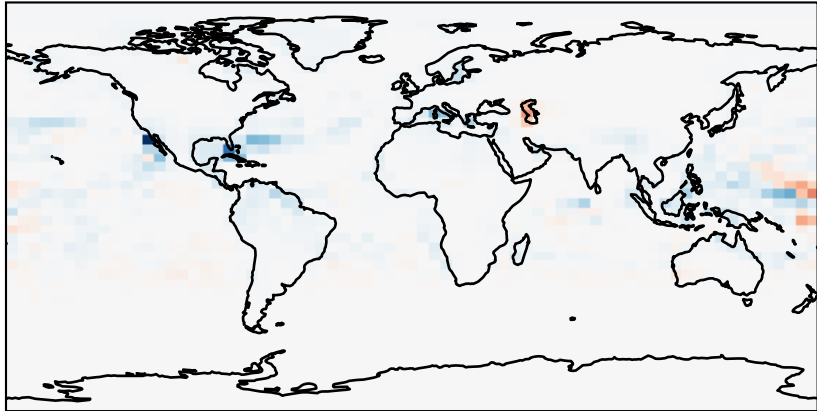


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

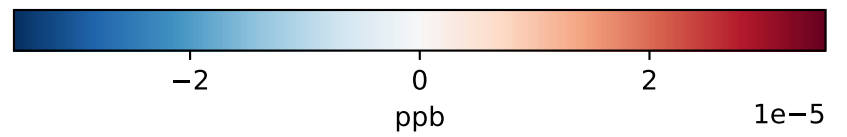
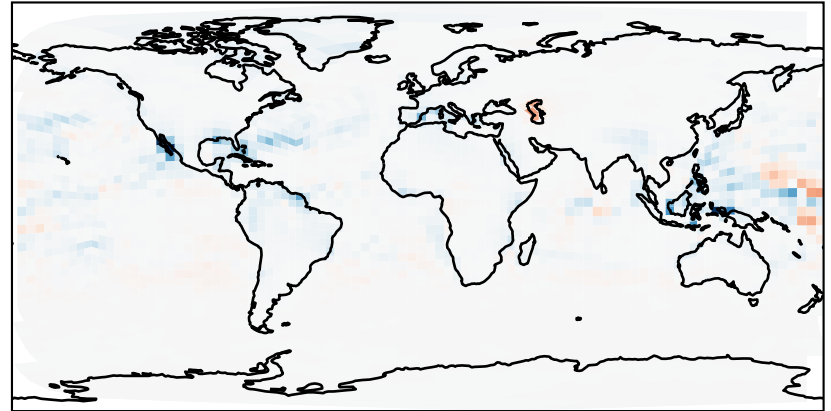


SpeciesConcVV_HI

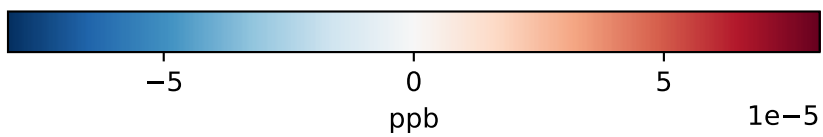
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



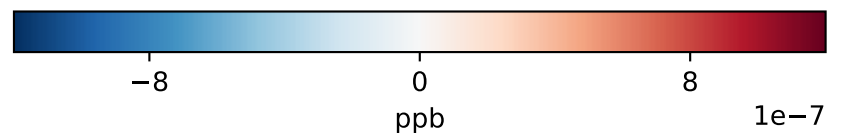
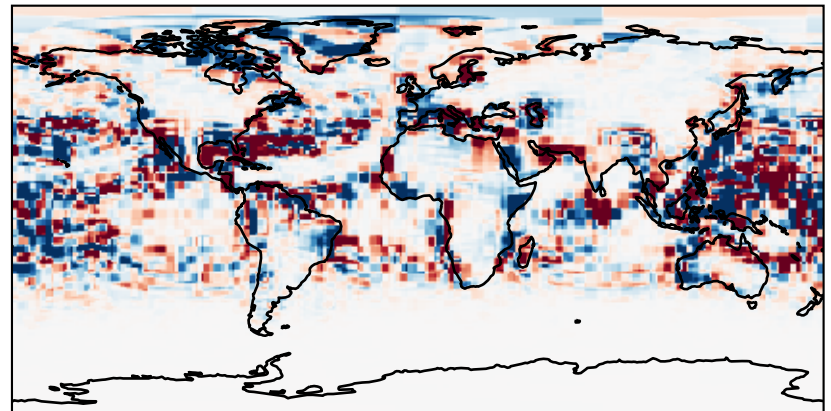
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



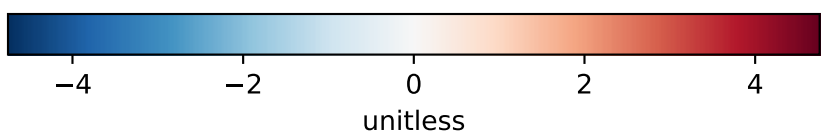
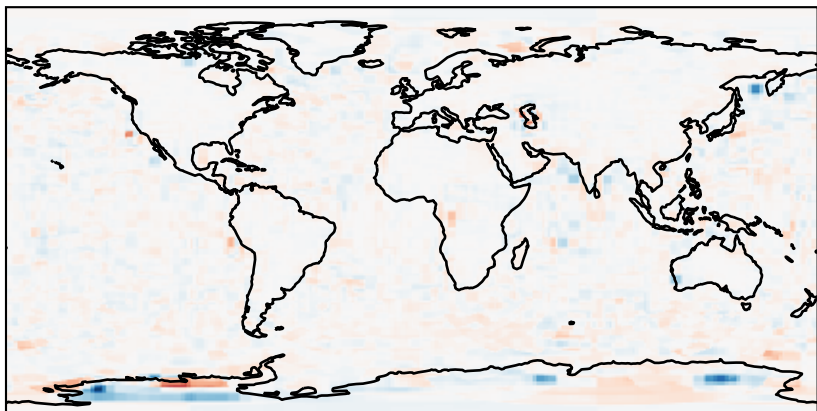
Difference (1x1.25)
Dev - Ref, Dynamic Range



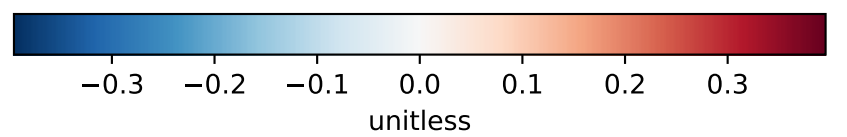
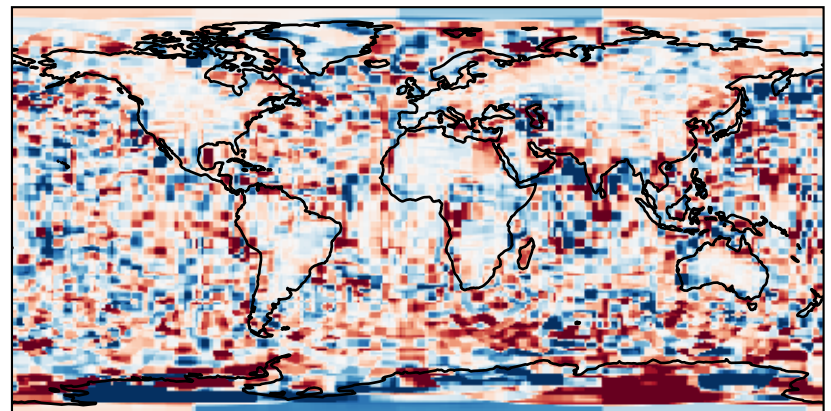
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

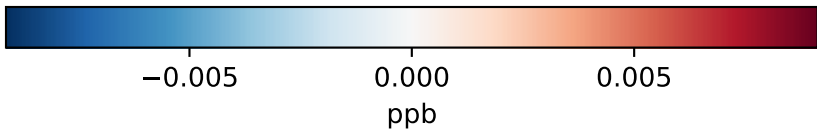


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

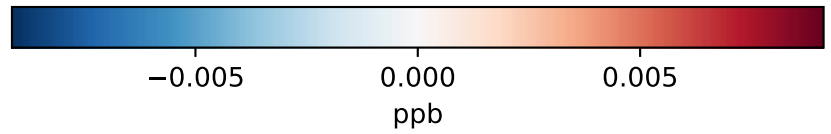


SpeciesConcVW_HOI

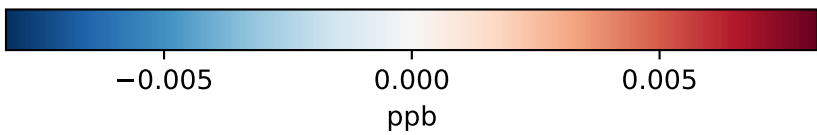
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



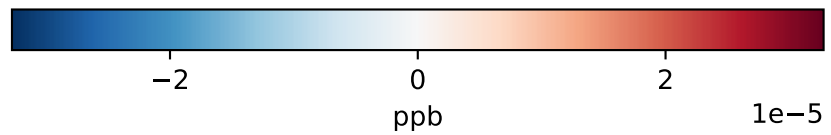
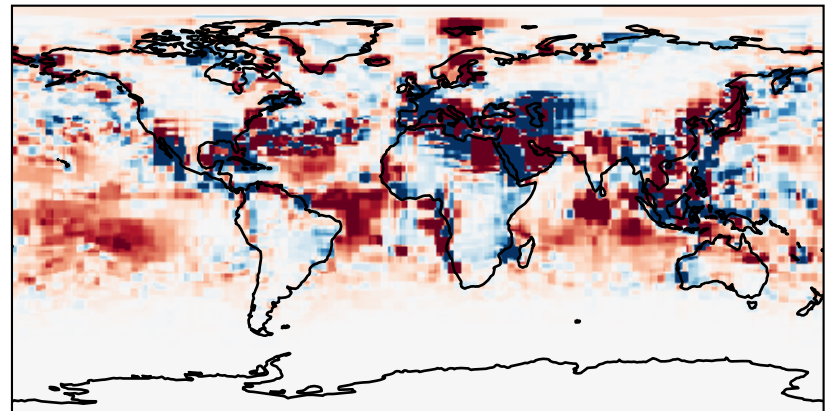
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



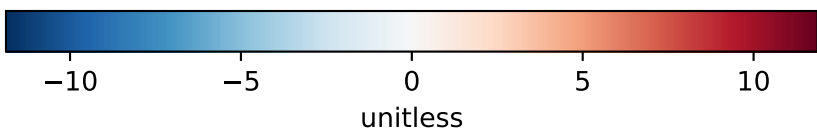
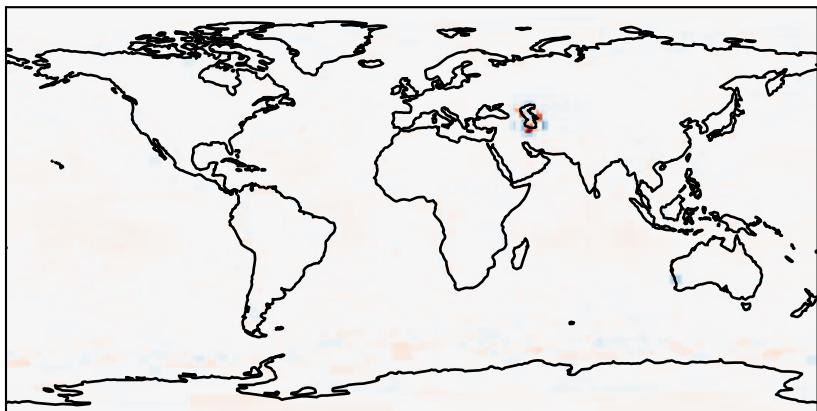
Difference (1x1.25)
Dev - Ref, Dynamic Range



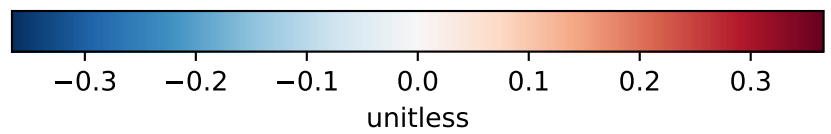
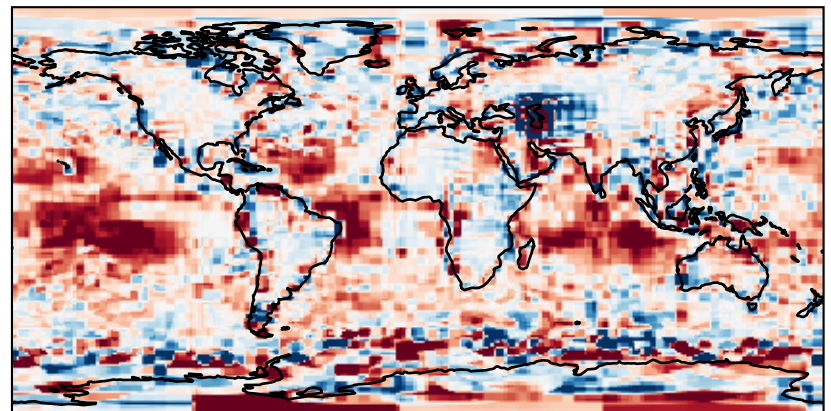
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

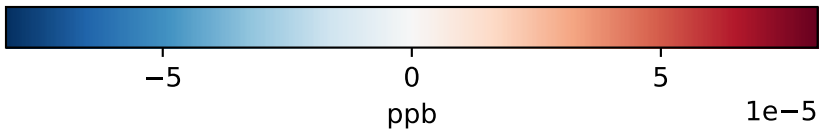
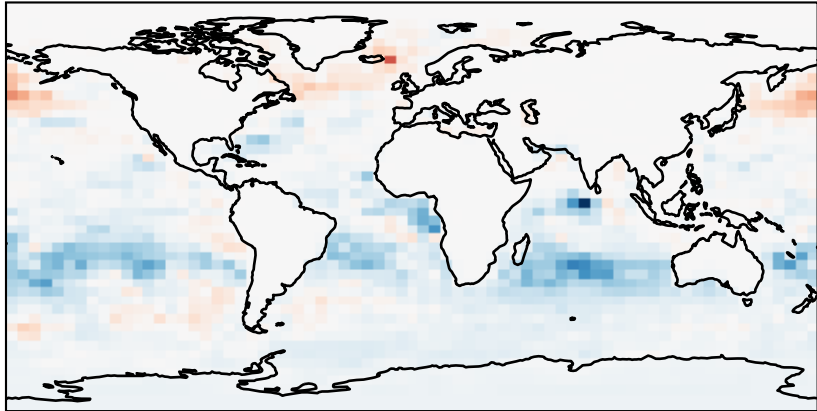


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

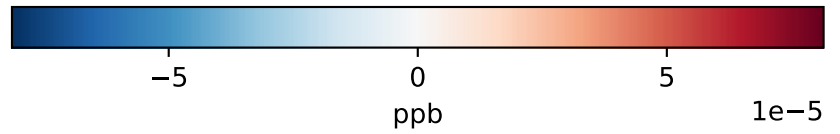
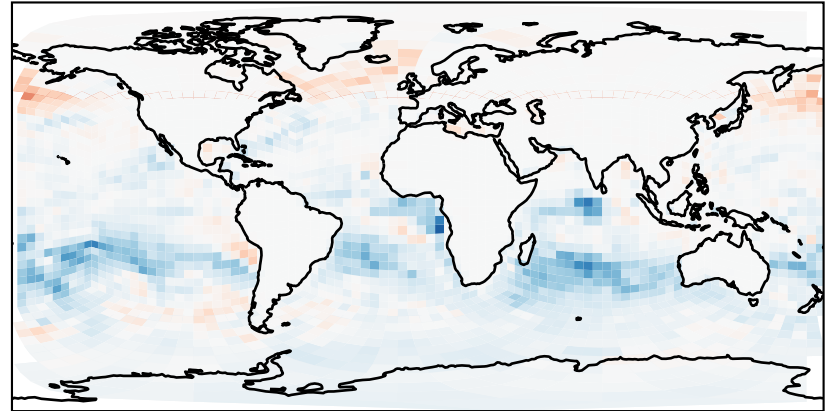


SpeciesConcVW_OIO

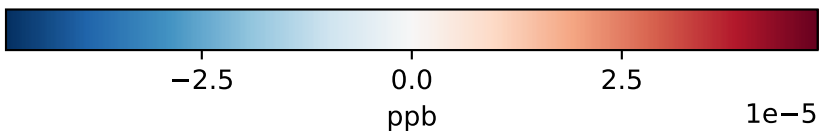
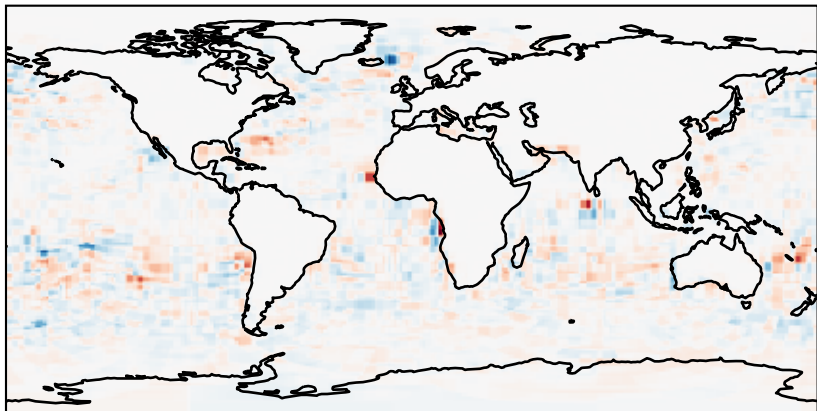
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



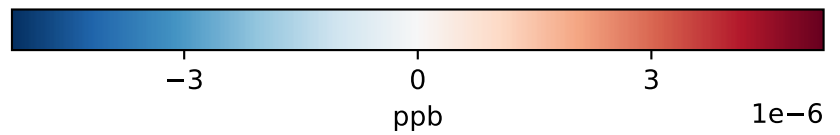
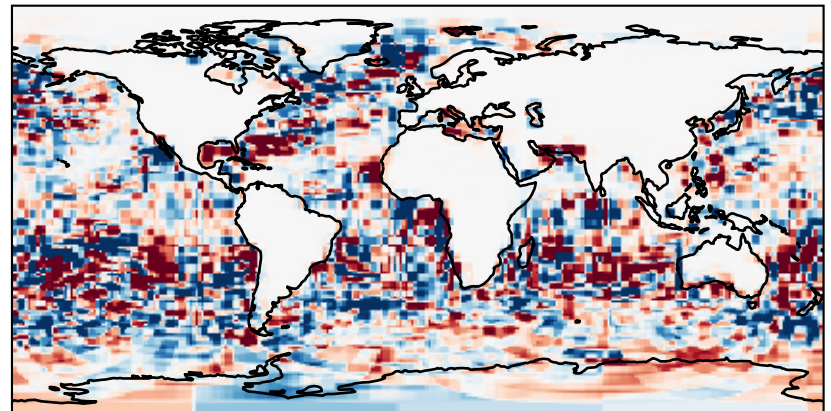
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



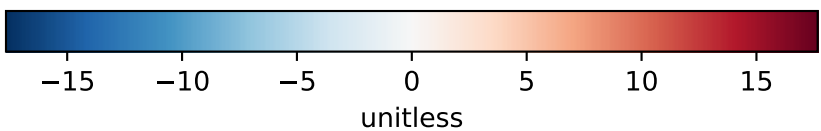
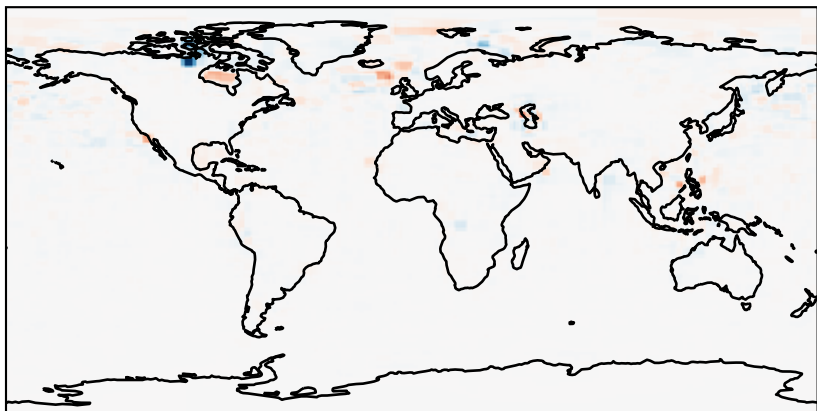
Difference (1x1.25)
Dev - Ref, Dynamic Range



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

