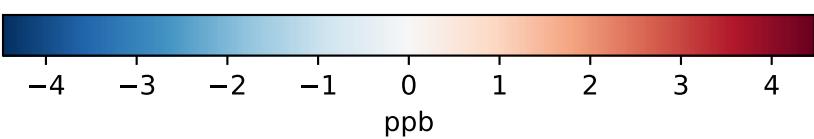
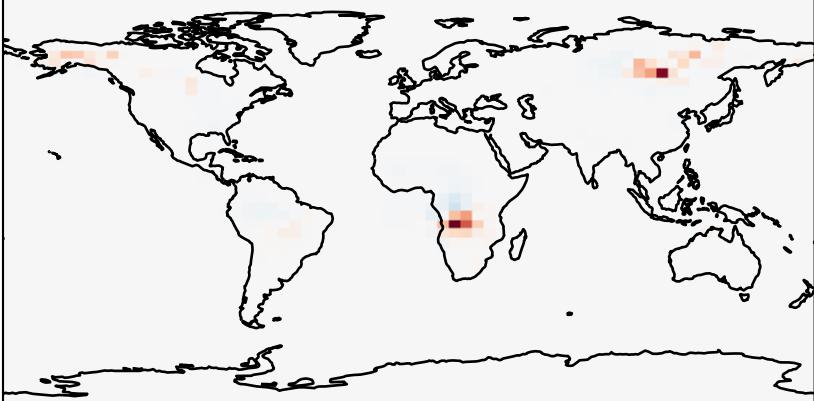
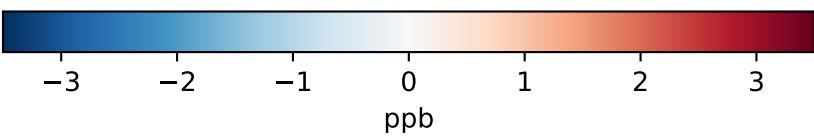
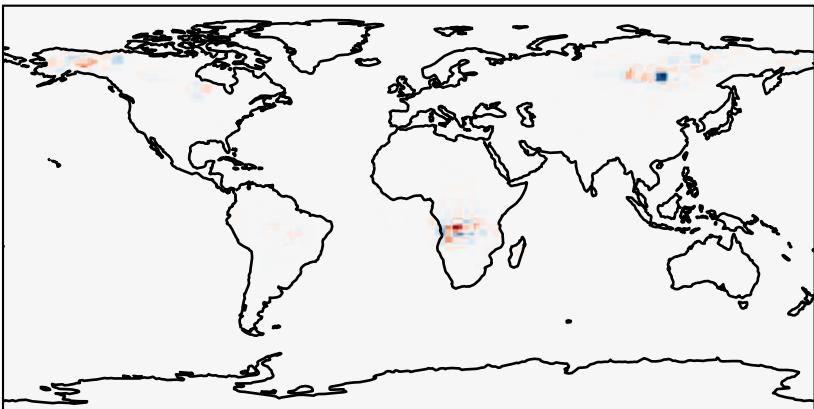


SpeciesConcVV_ACTA

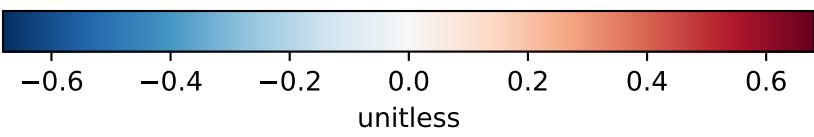
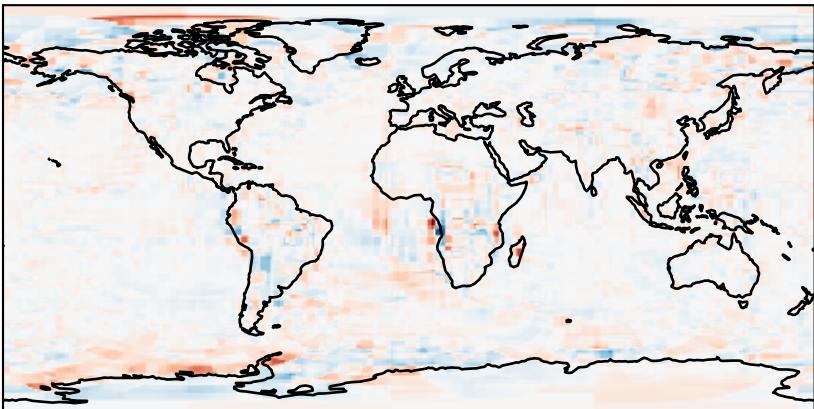
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



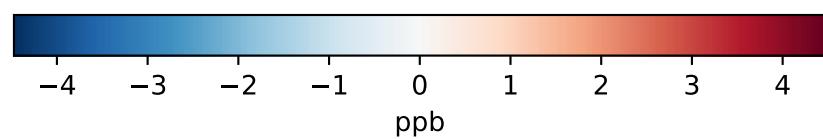
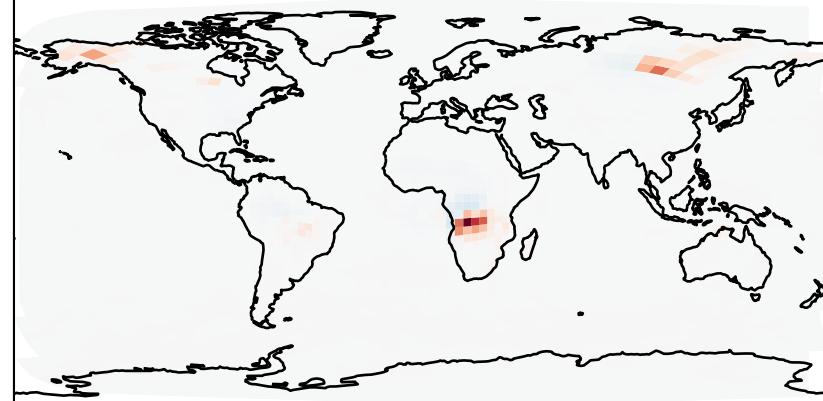
Difference (1x1.25)
Dev - Ref, Dynamic Range



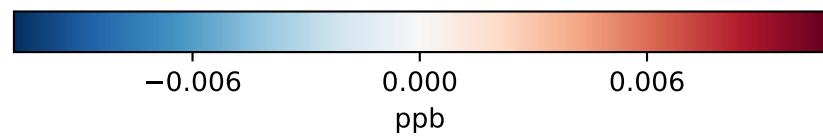
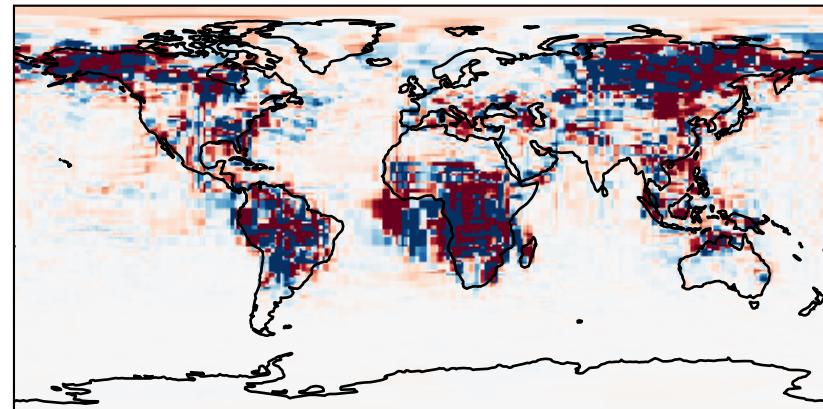
Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



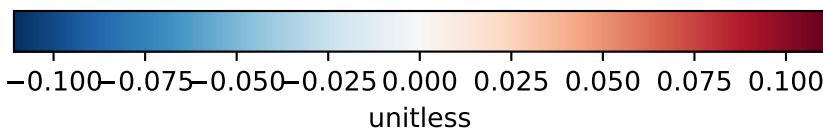
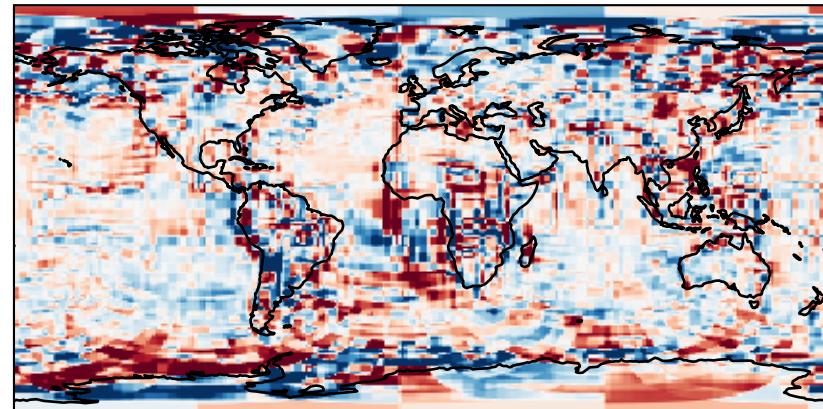
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



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

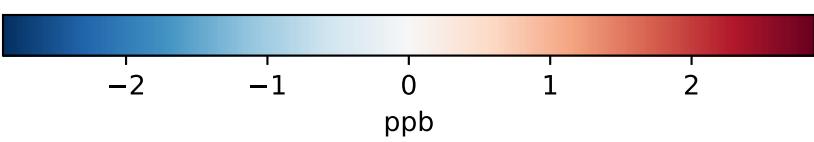
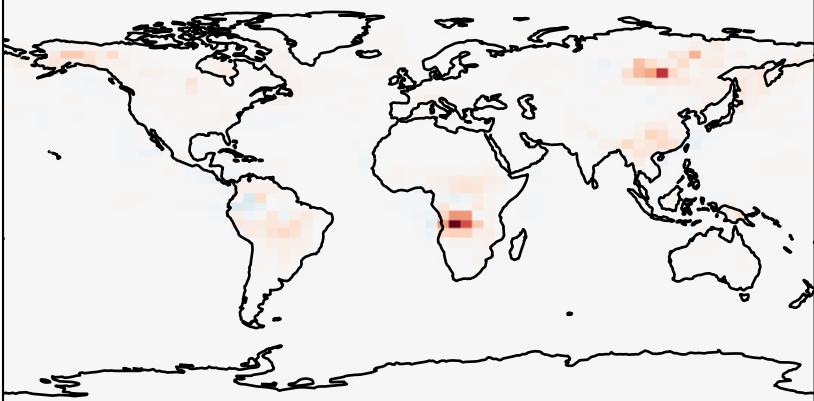


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

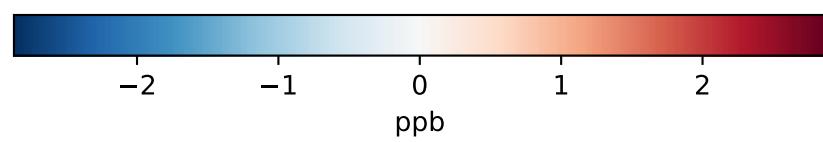
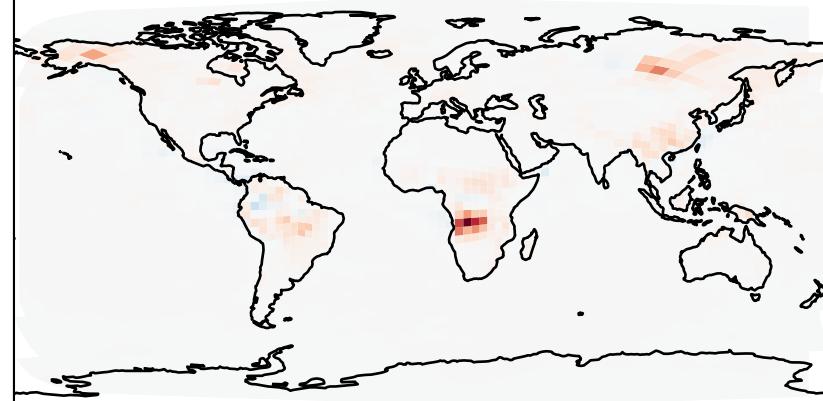


SpeciesConcVV_ALD2

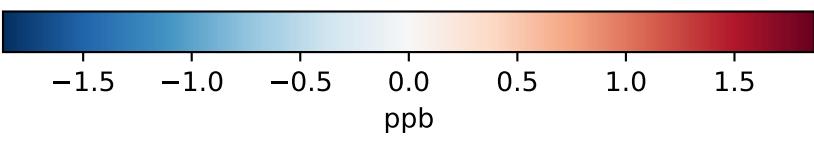
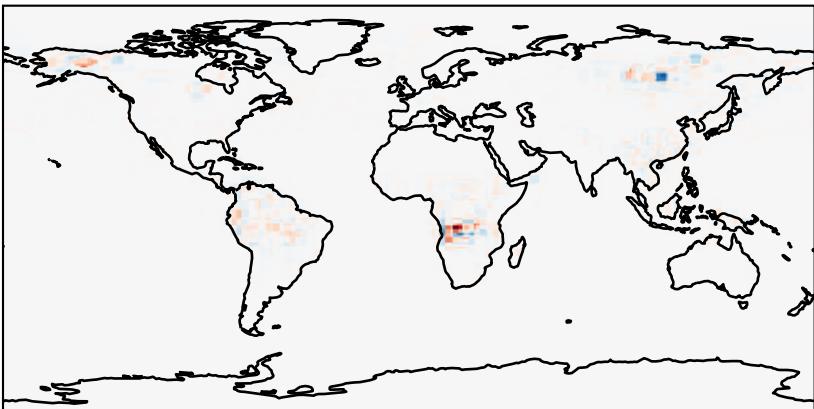
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



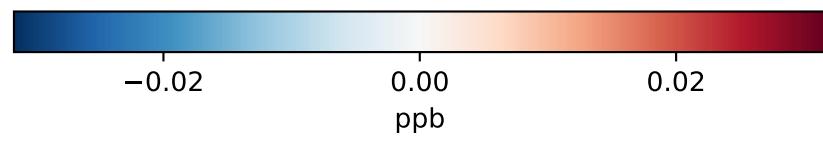
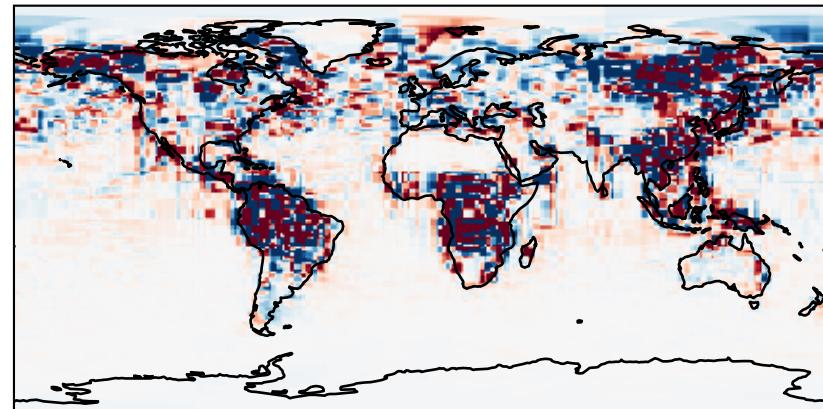
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



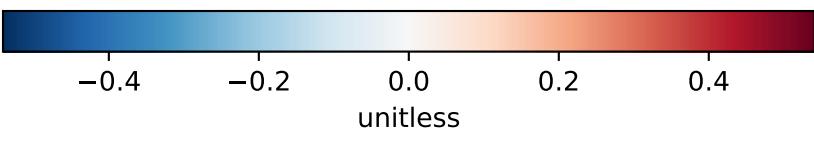
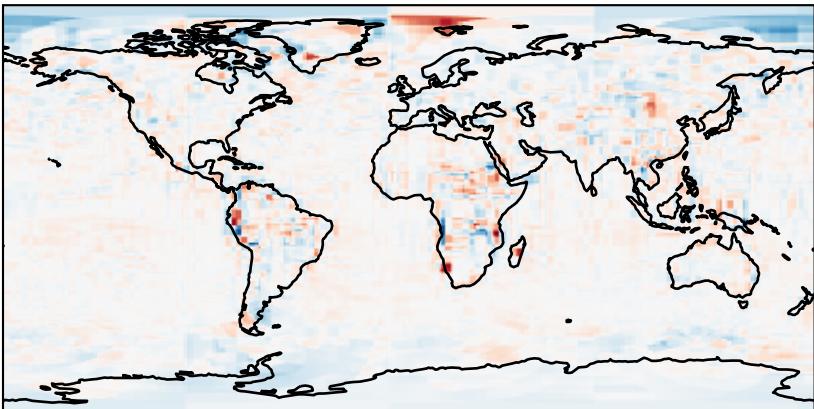
Difference (1x1.25)
Dev - Ref, Dynamic Range



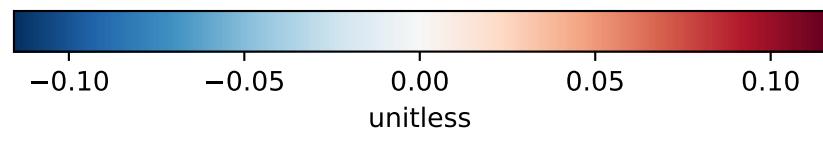
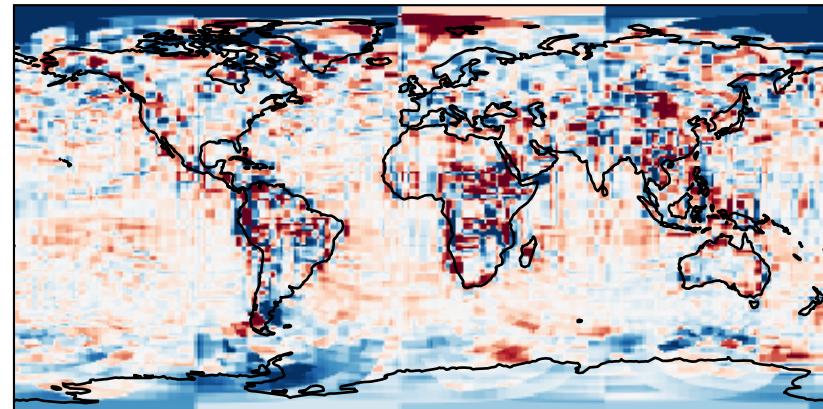
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

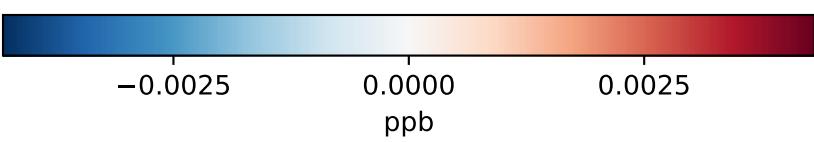
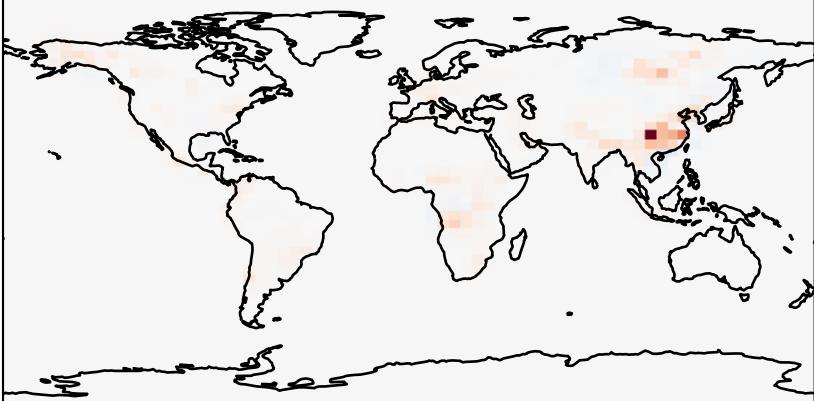


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

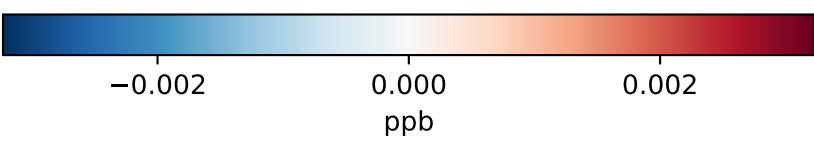
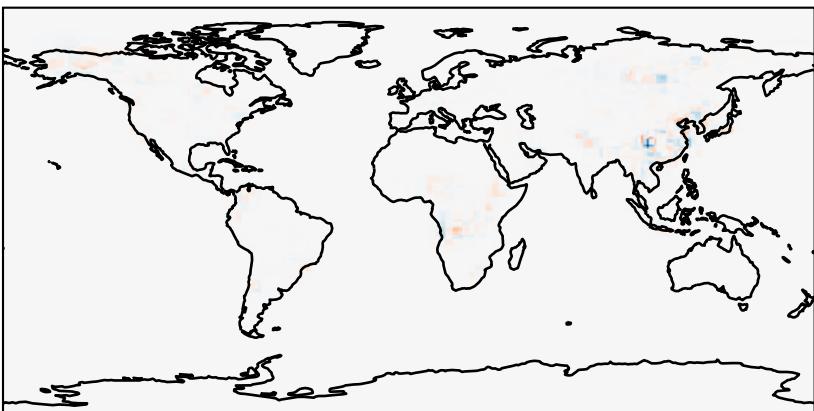


SpeciesConcVV_BALD

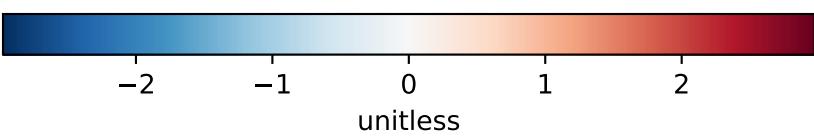
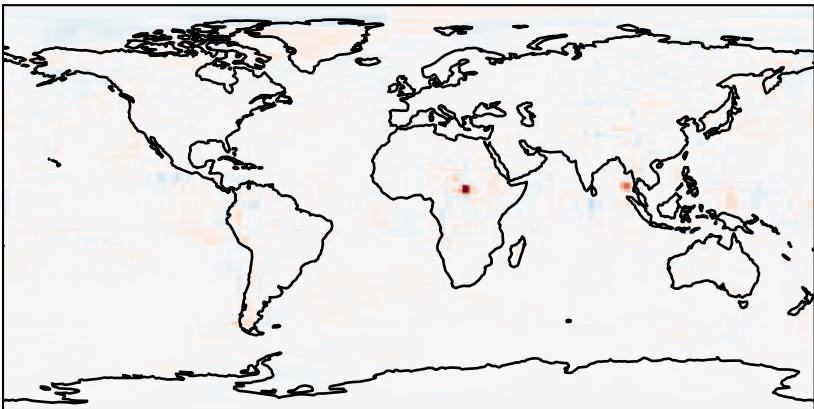
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



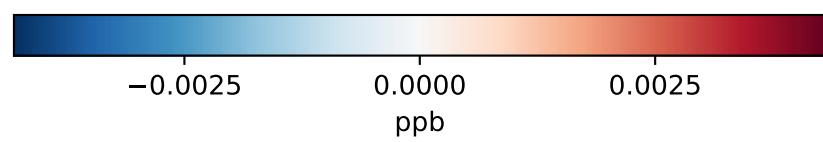
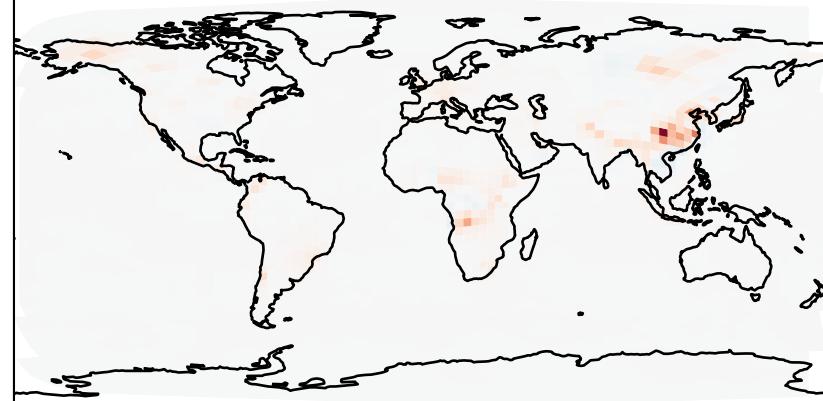
Difference (1x1.25)
Dev - Ref, Dynamic Range



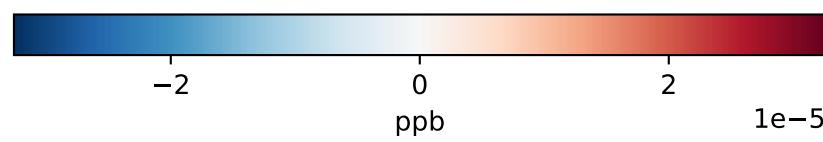
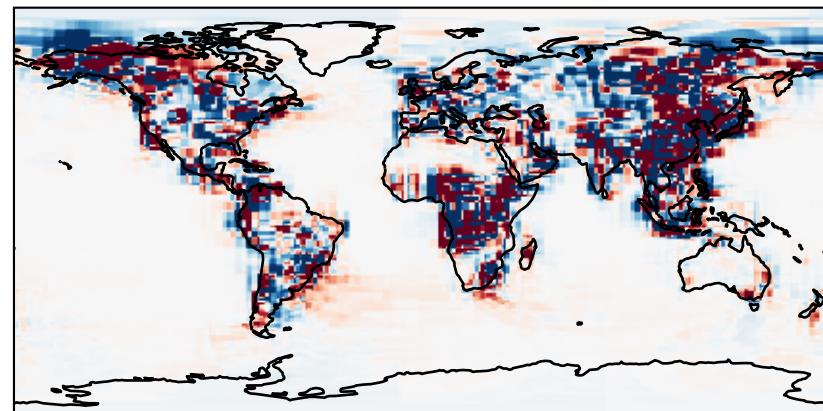
Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



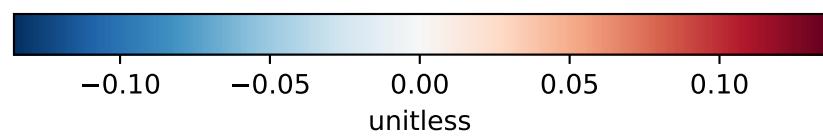
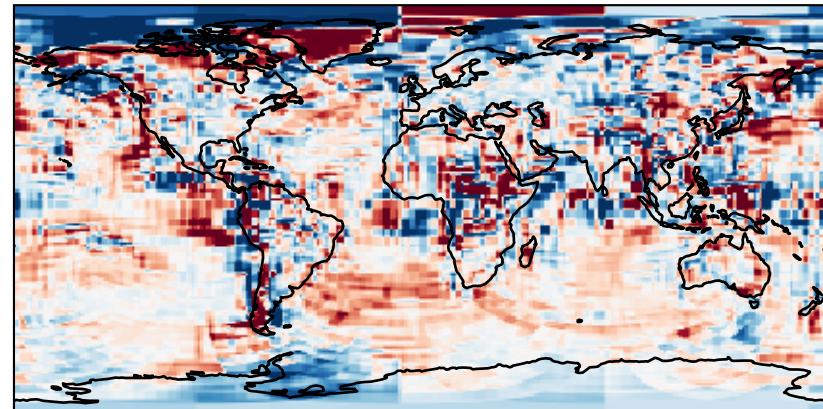
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



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

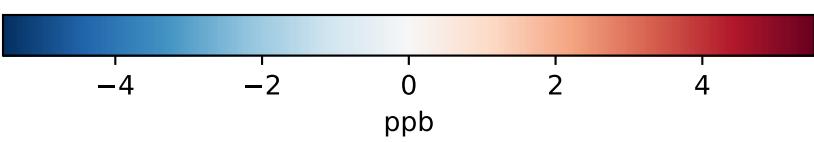
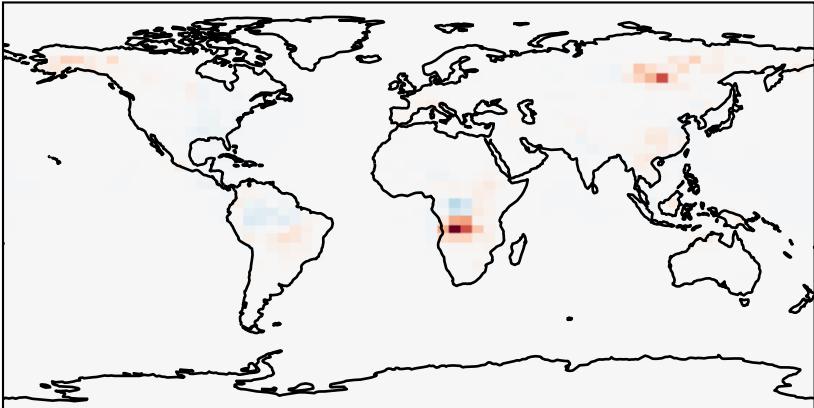


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

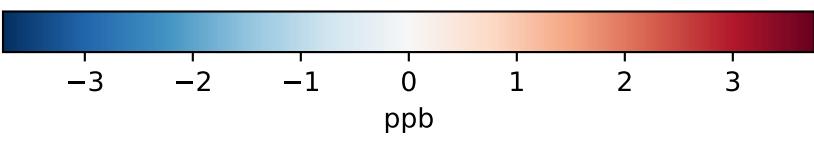
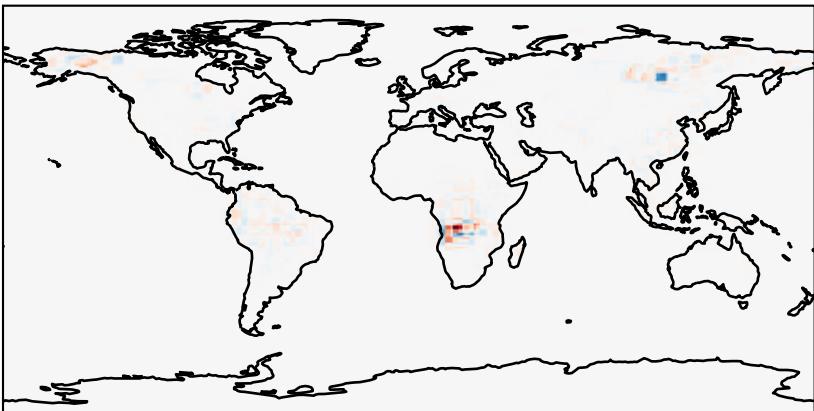


SpeciesConcVV_CH20

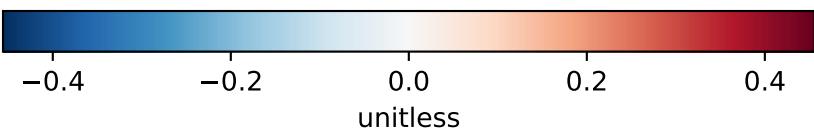
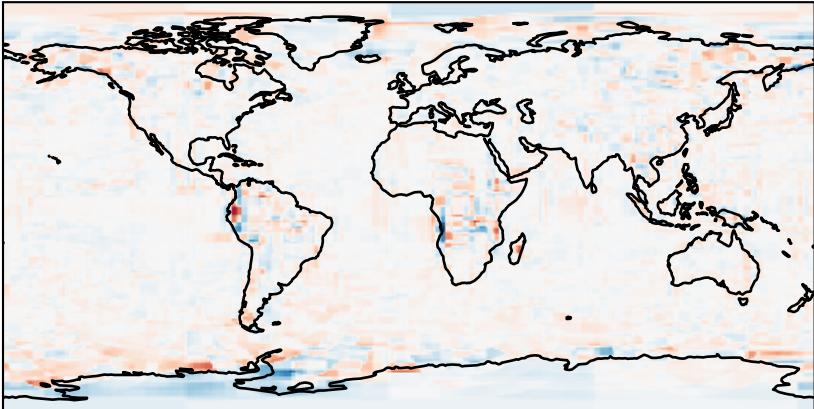
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



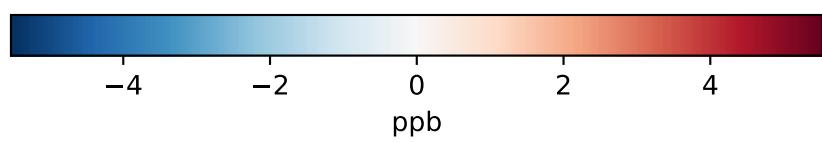
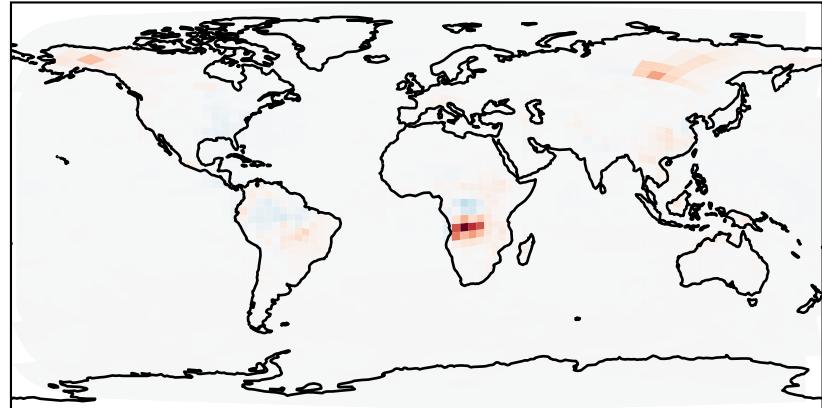
Difference (1x1.25)
Dev - Ref, Dynamic Range



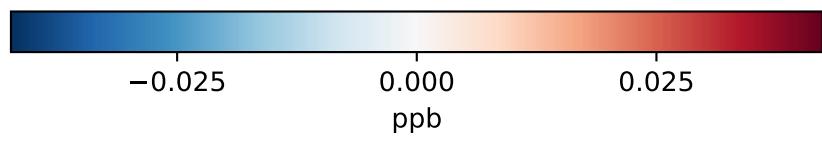
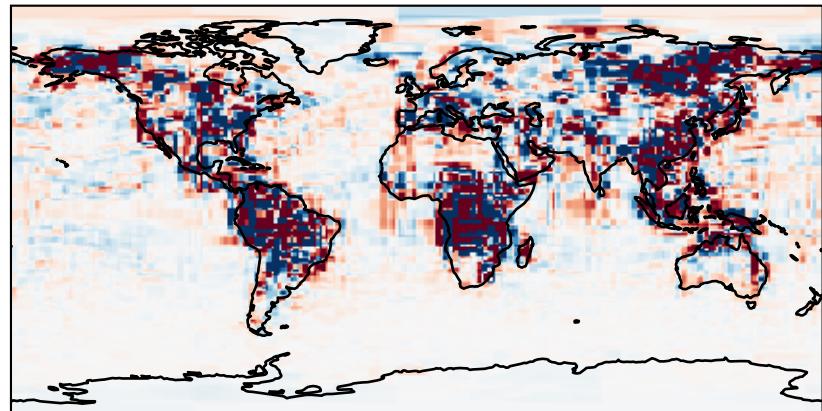
Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



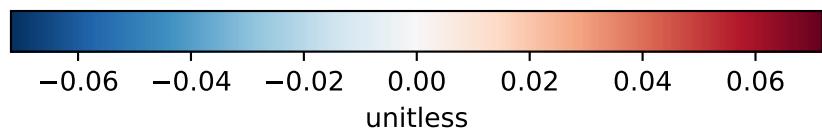
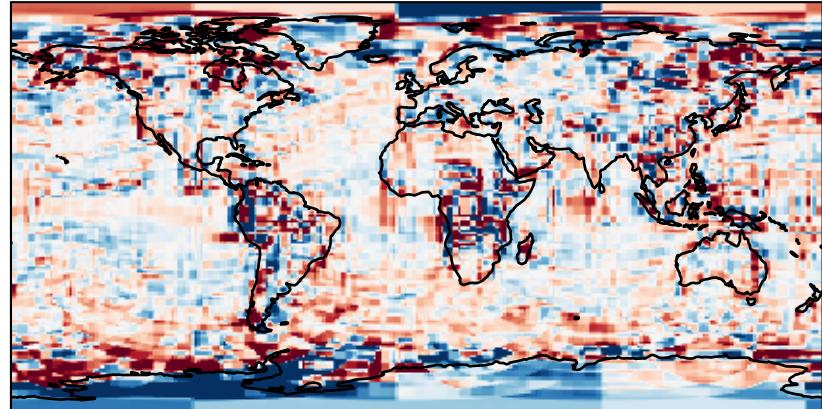
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



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

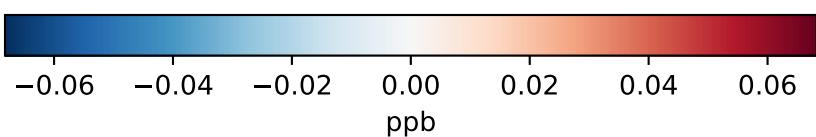
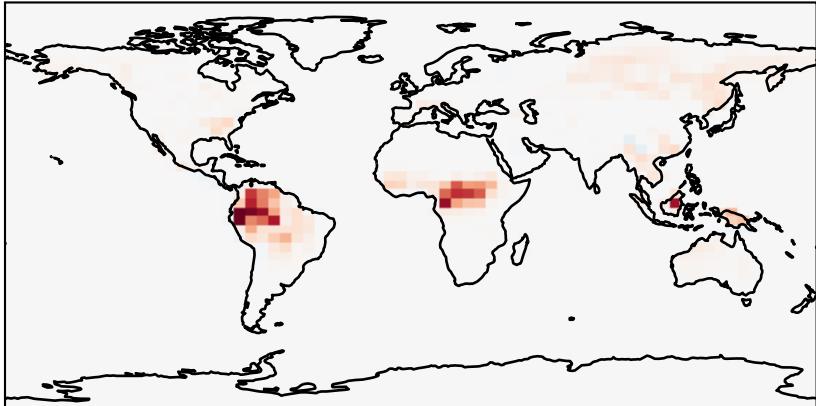


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

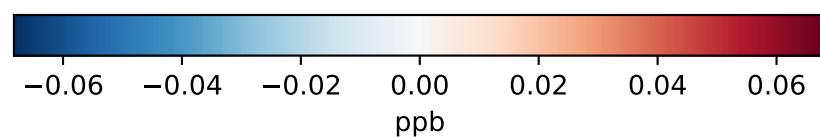
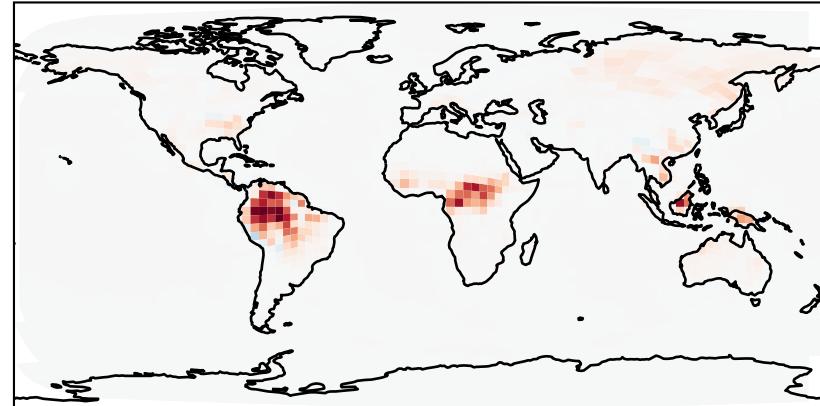


SpeciesConcVV_HPALDs

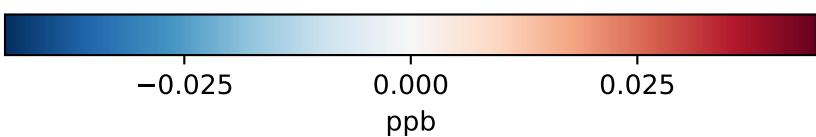
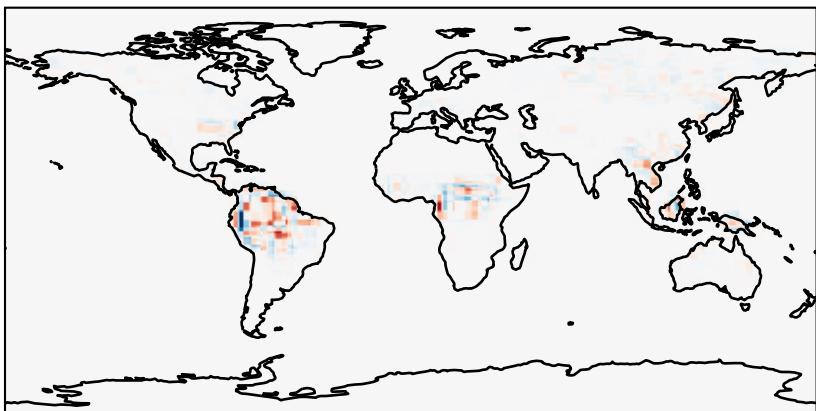
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



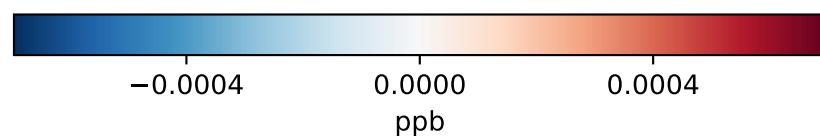
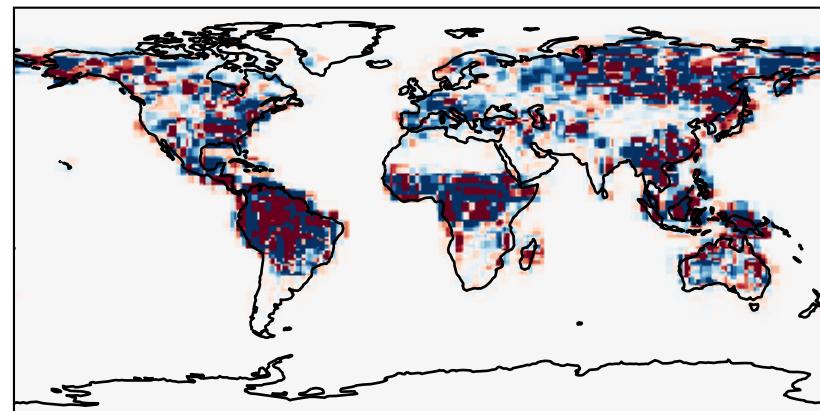
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



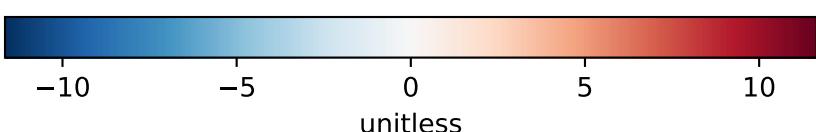
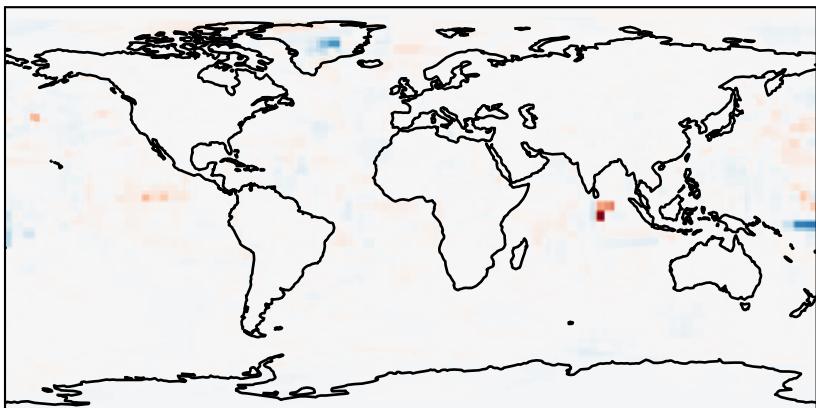
Difference (1x1.25)
Dev - Ref, Dynamic Range



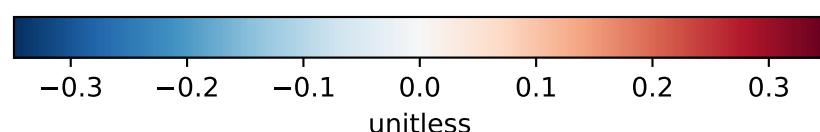
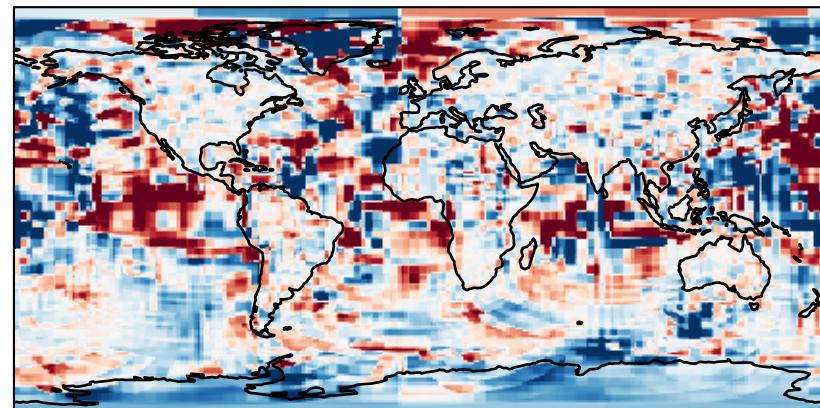
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

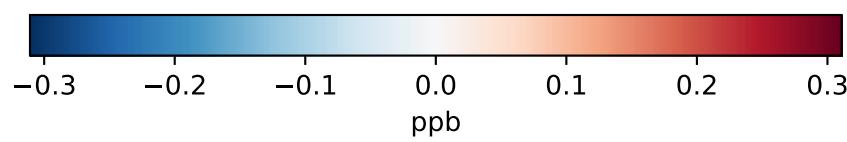
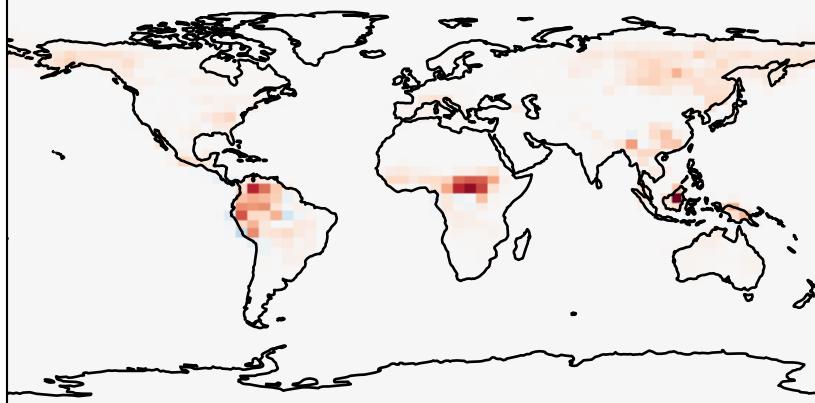


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

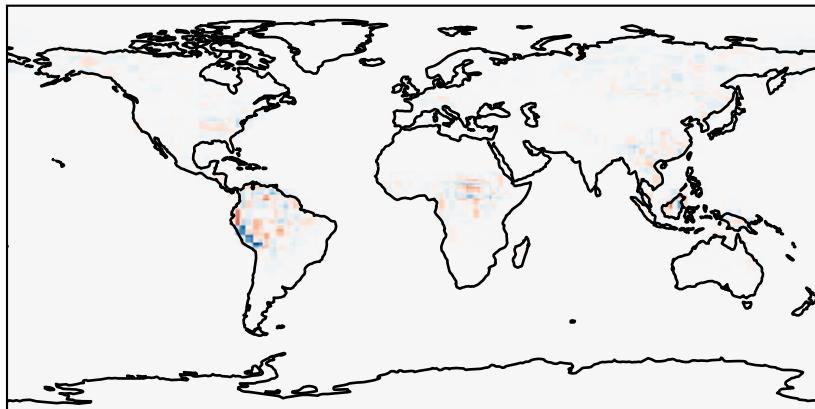


SpeciesConcVV_MACR

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

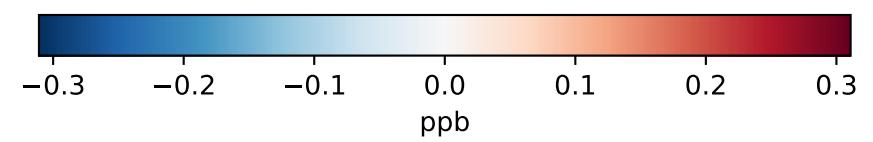
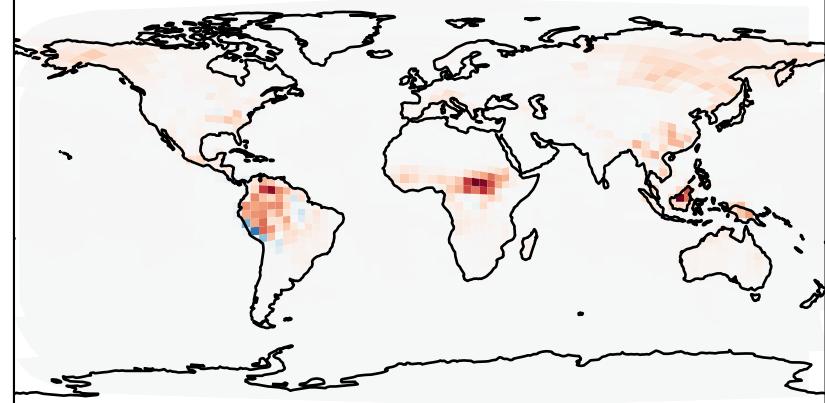


Difference (1x1.25)
Dev - Ref, Dynamic Range

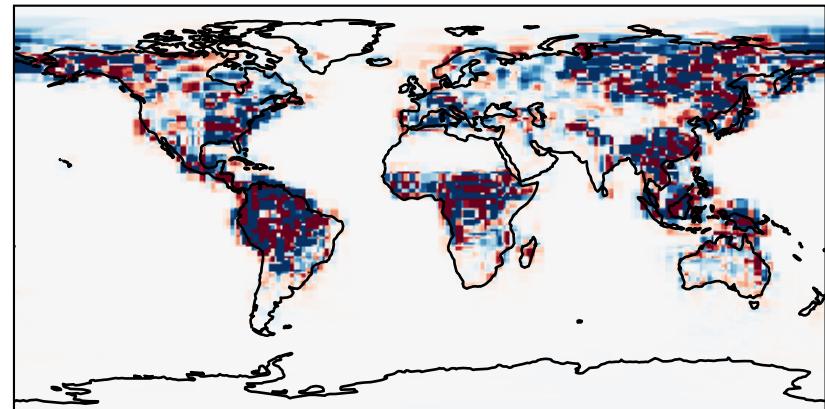


-0.2 -0.1 0.0 0.1 0.2
ppb

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

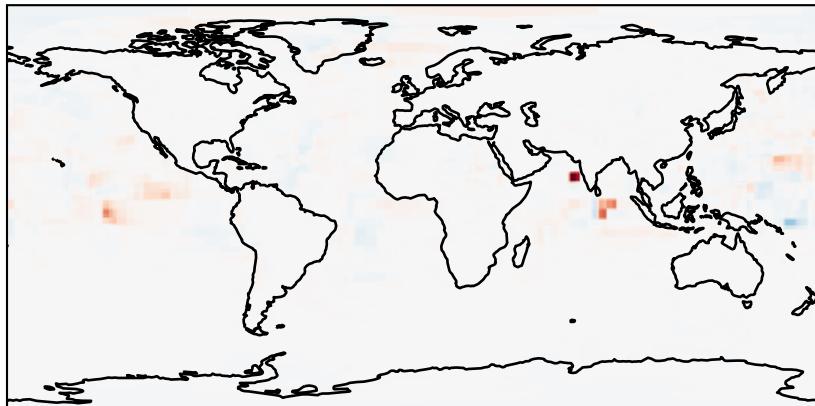


Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



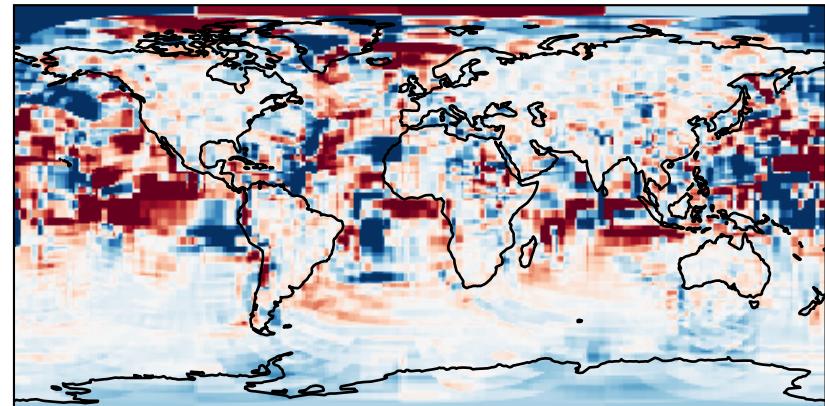
-0.003 0.000 0.003
ppb

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



-10 -5 0 5 10
unitless

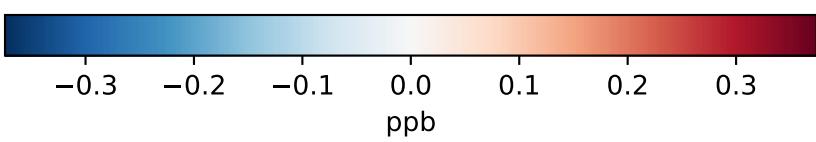
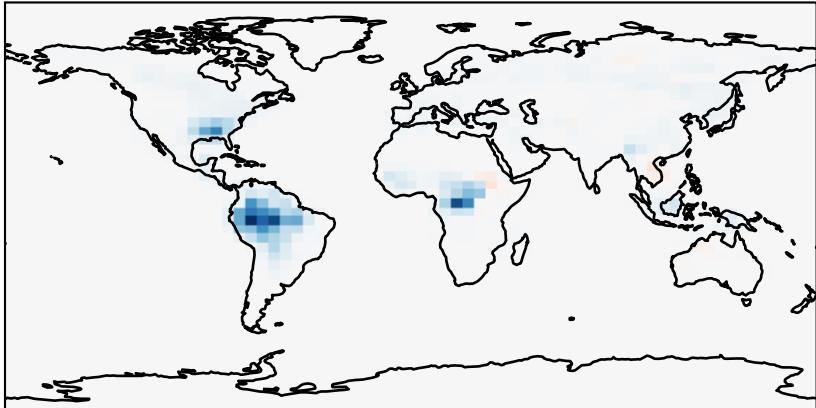
Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



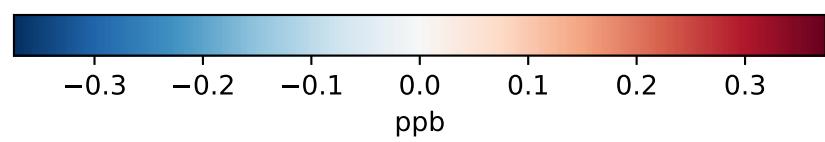
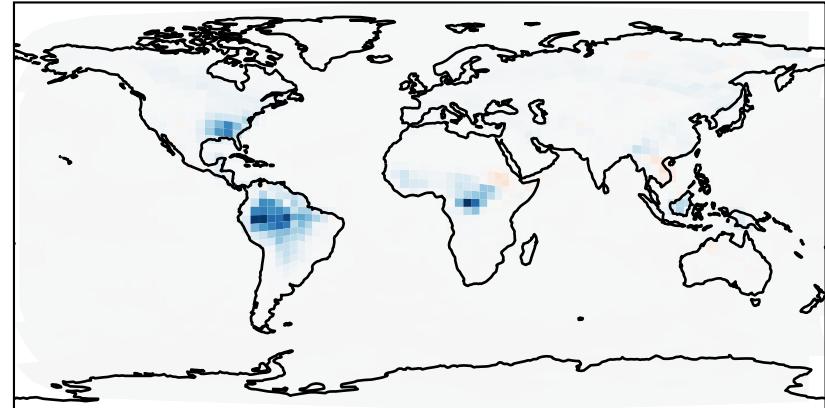
-0.3 -0.2 -0.1 0.0 0.1 0.2 0.3
unitless

SpeciesConcVV_IEPOX

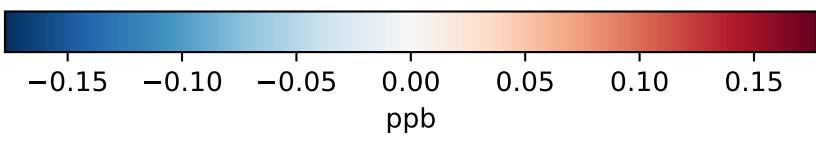
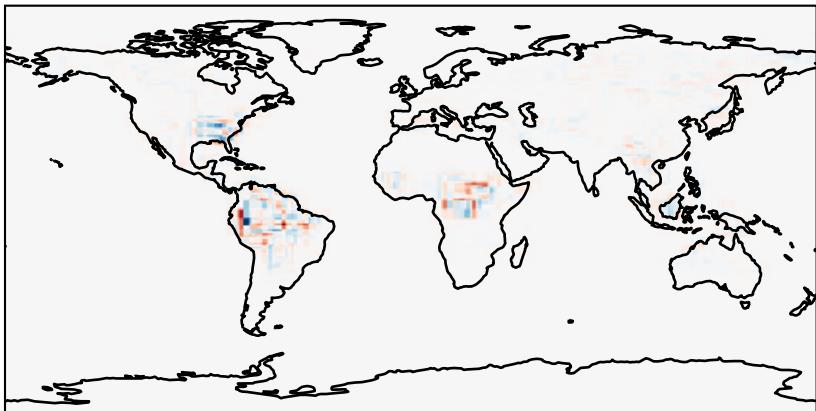
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



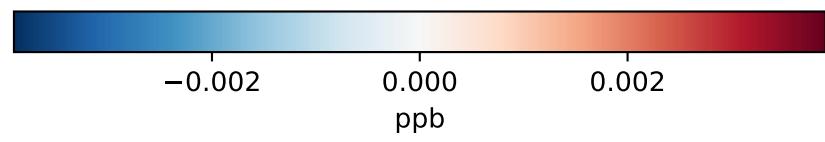
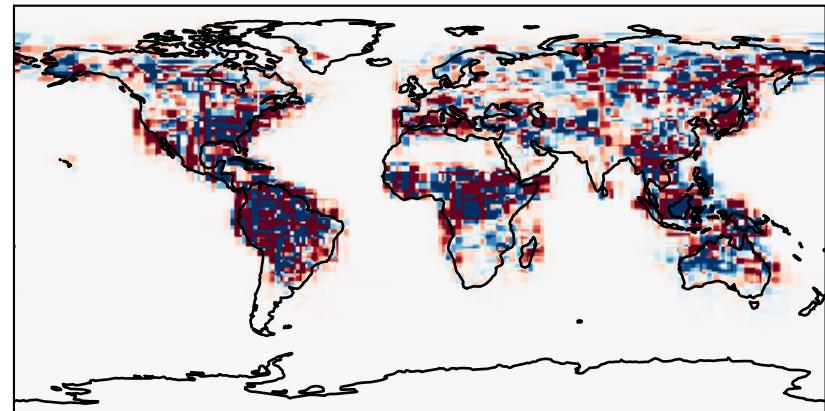
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



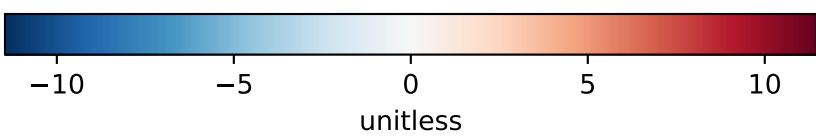
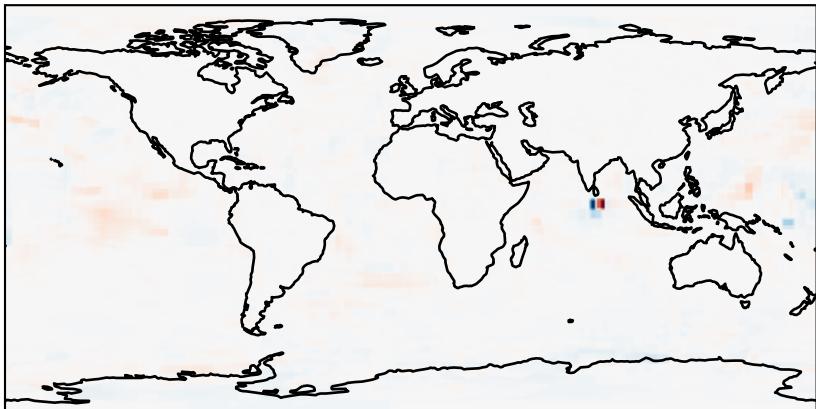
Difference (1x1.25)
Dev - Ref, Dynamic Range



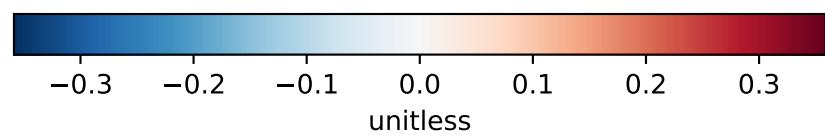
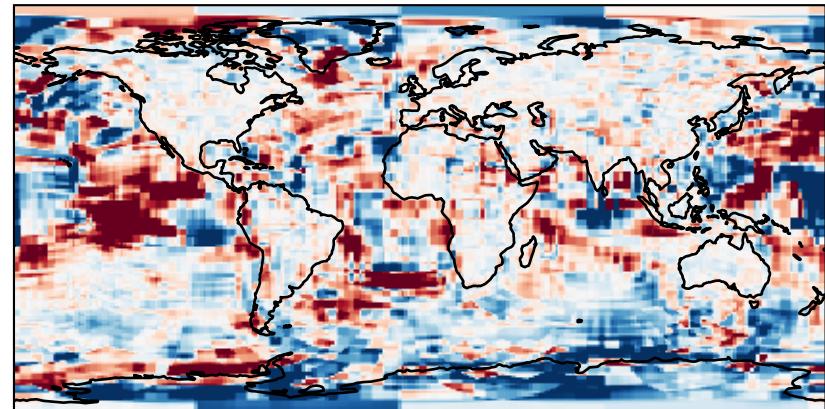
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

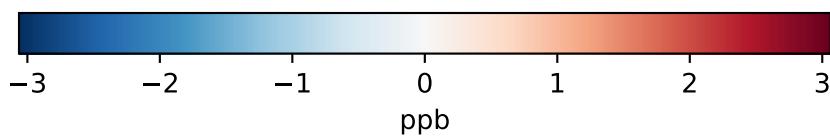
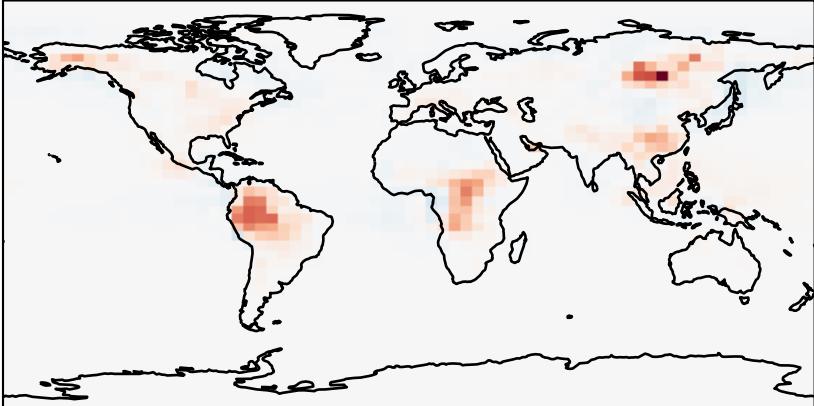


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

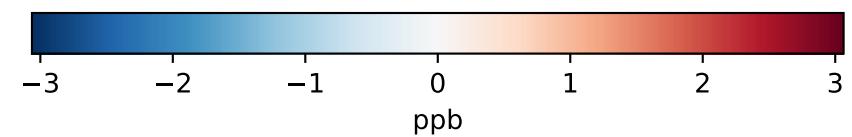
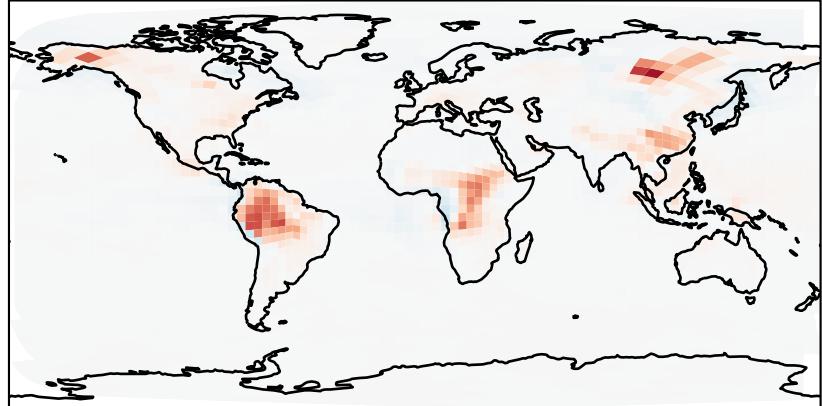


SpeciesConcVV_ACET

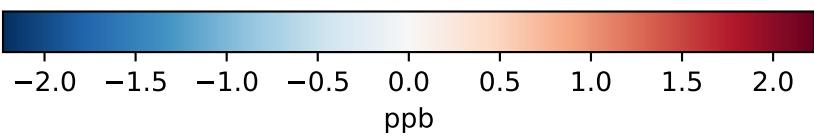
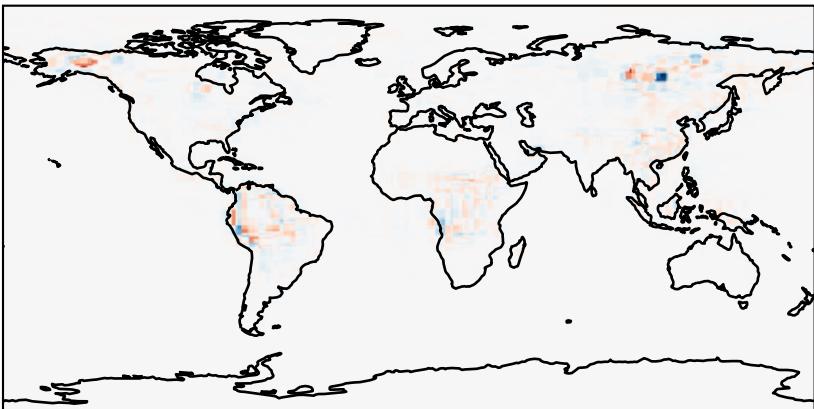
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



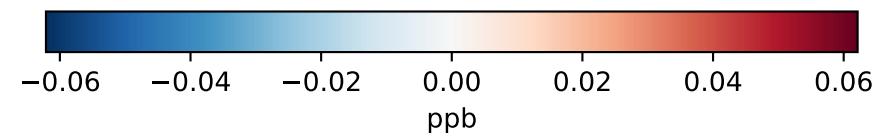
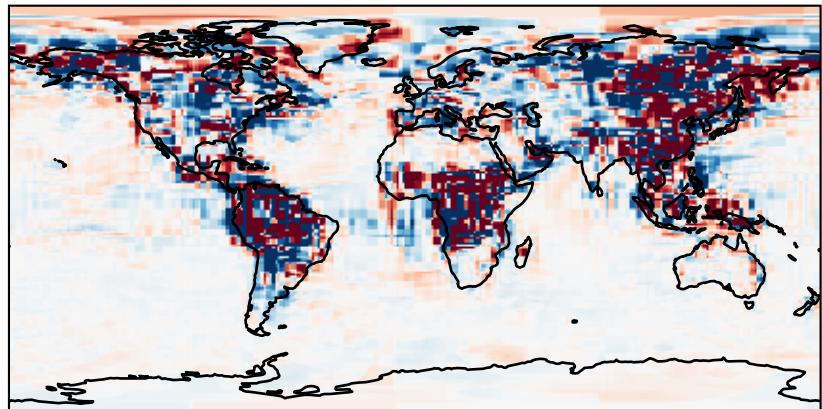
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



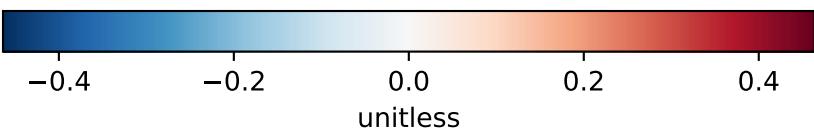
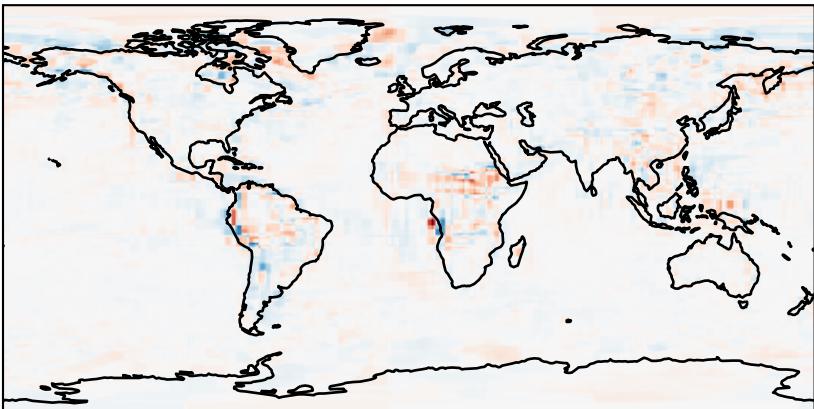
Difference (1x1.25)
Dev - Ref, Dynamic Range



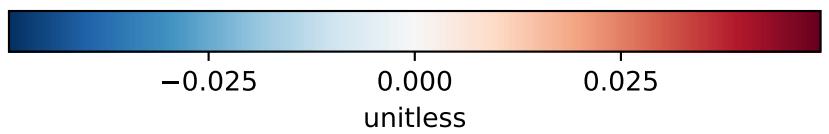
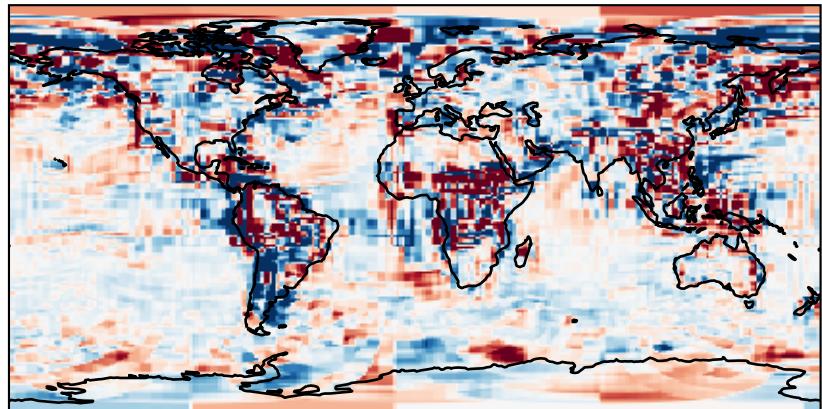
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

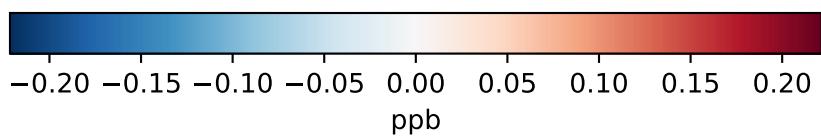
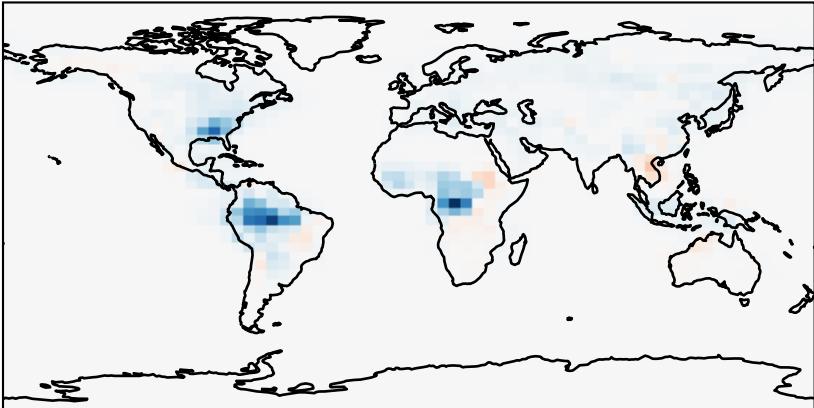


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

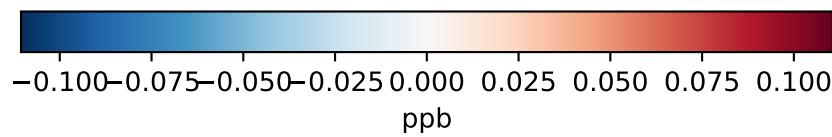
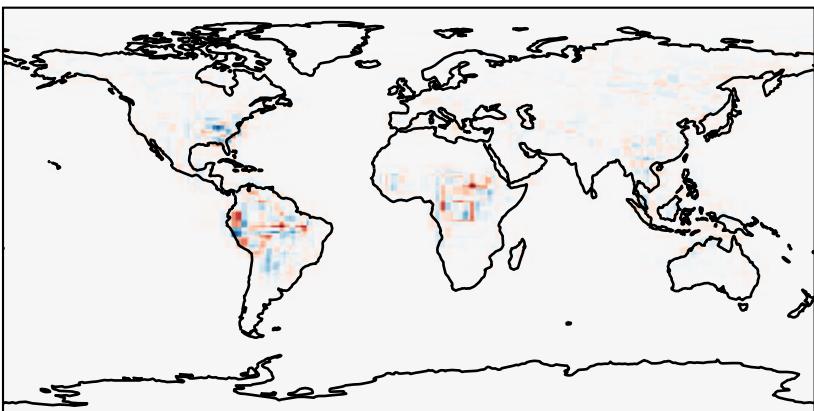


SpeciesConcVV_HAC

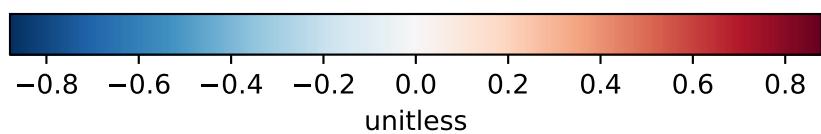
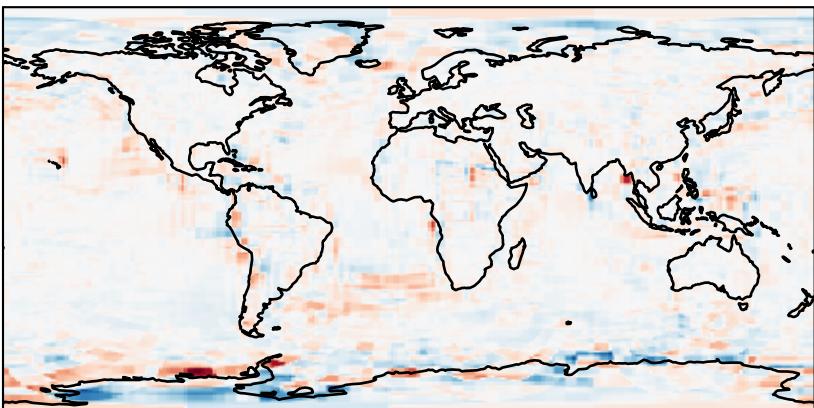
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



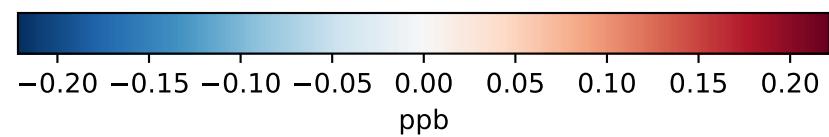
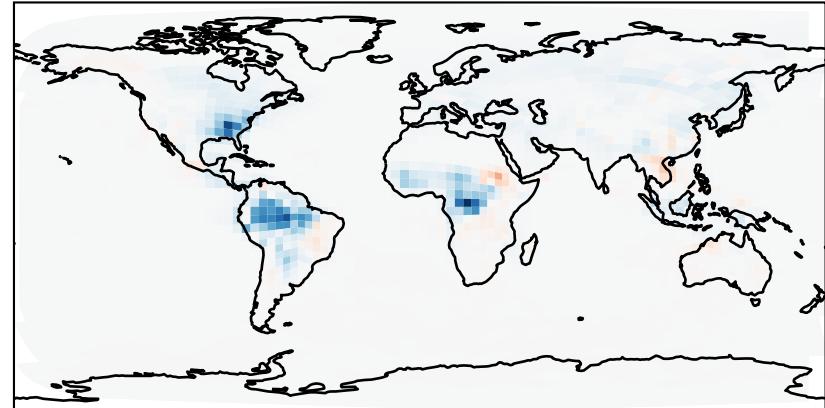
Difference (1x1.25)
Dev - Ref, Dynamic Range



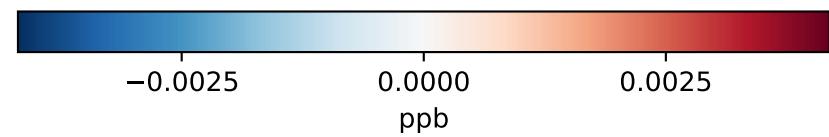
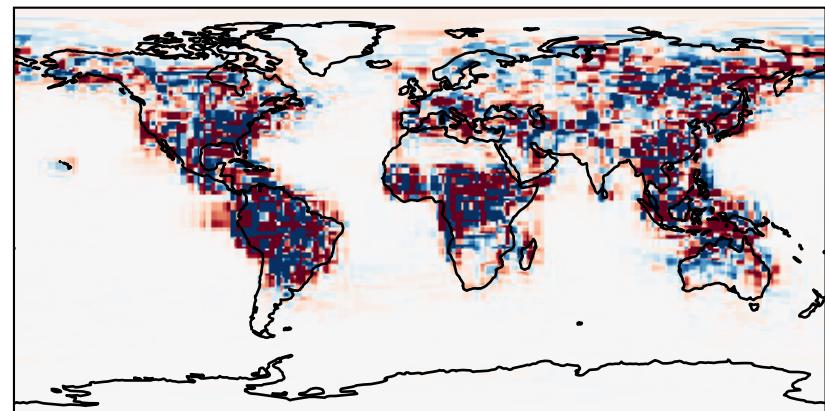
Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



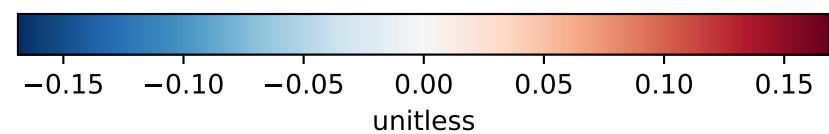
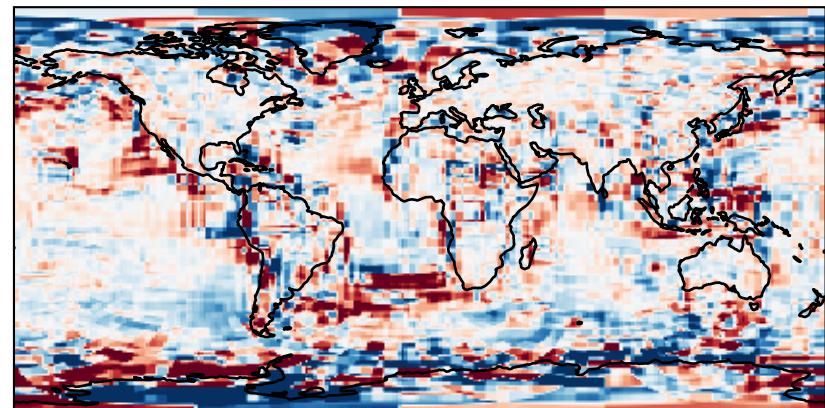
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



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

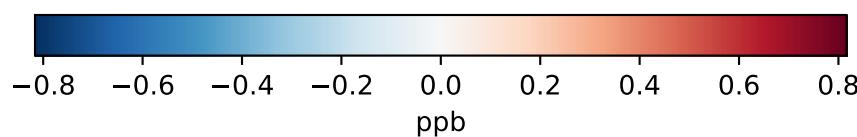
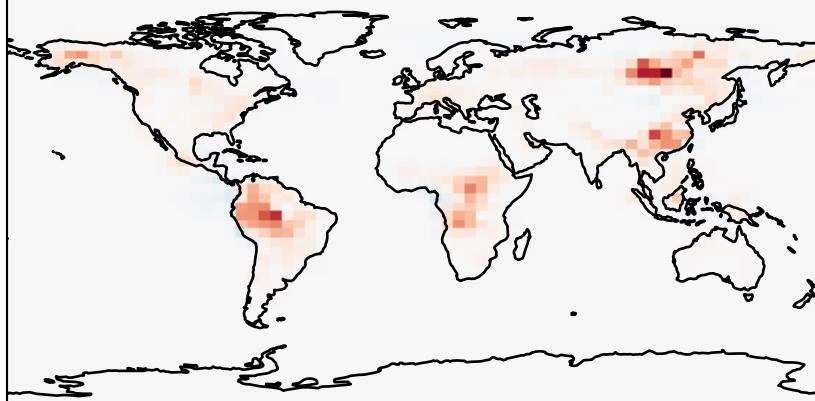


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

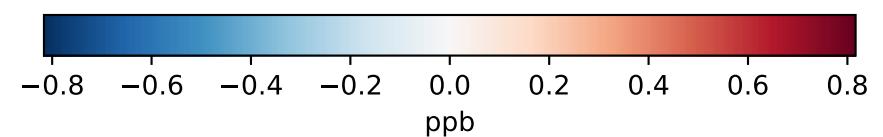
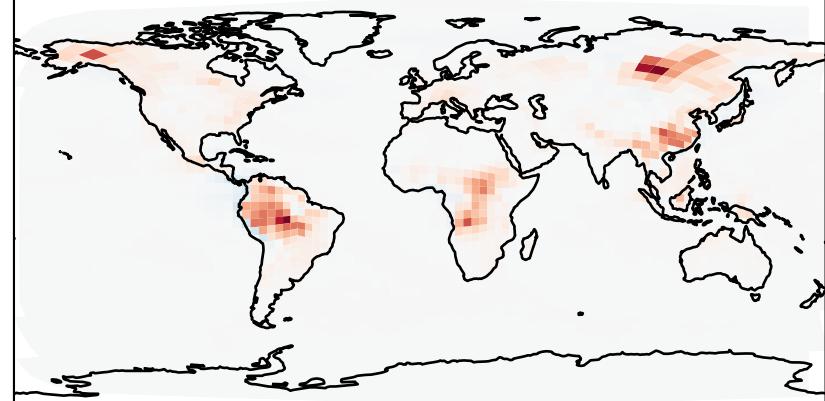


SpeciesConcVV_MEK

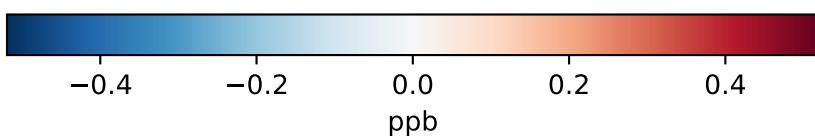
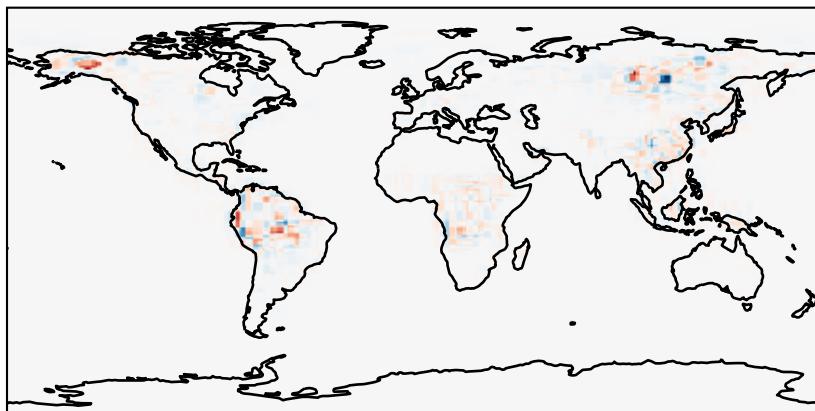
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



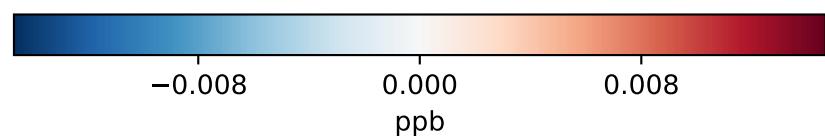
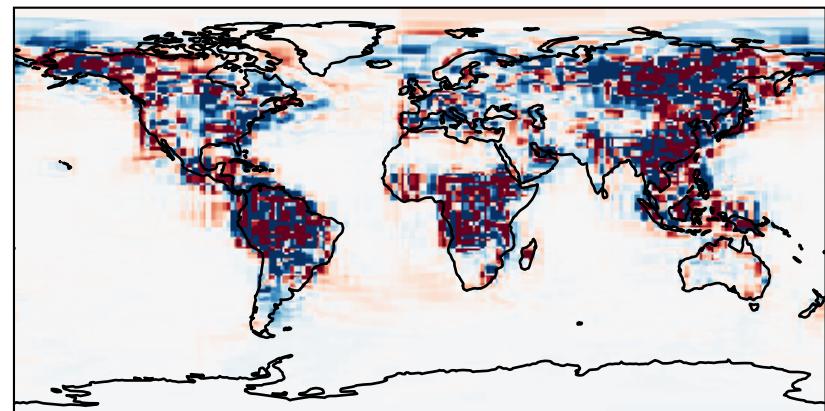
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



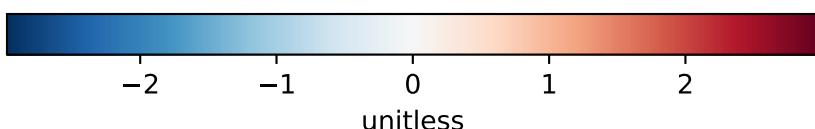
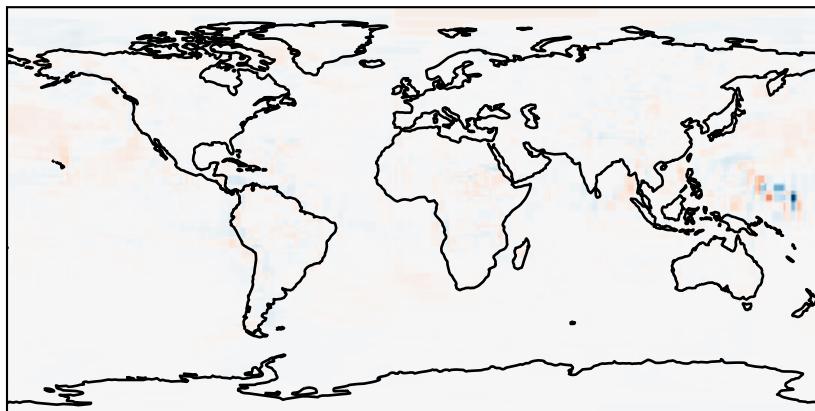
Difference (1x1.25)
Dev - Ref, Dynamic Range



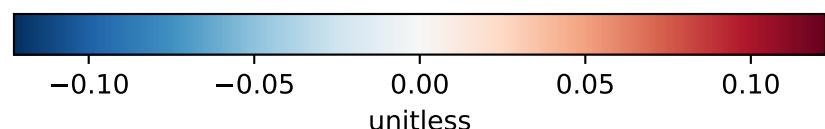
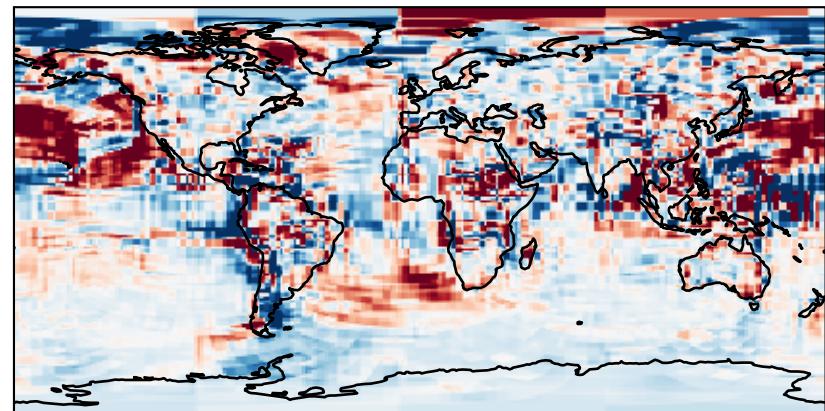
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

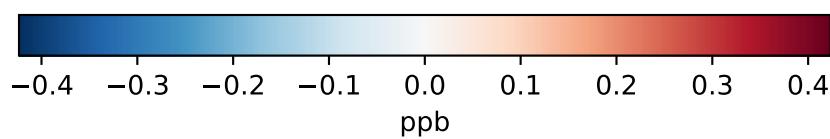
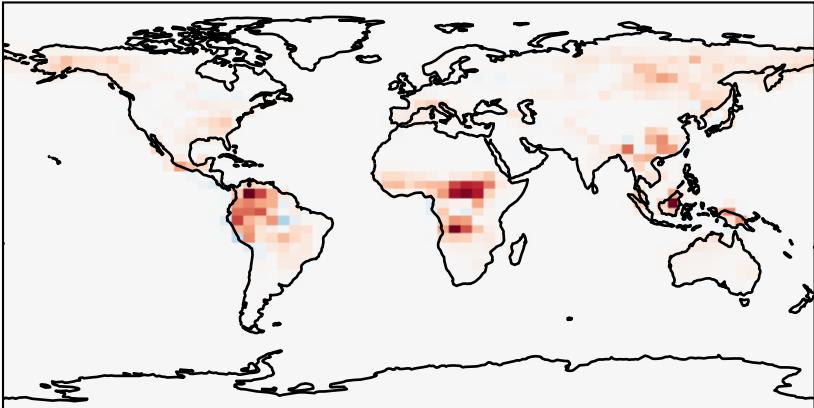


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

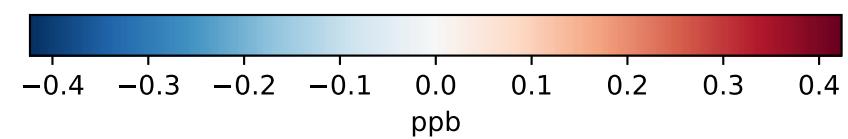
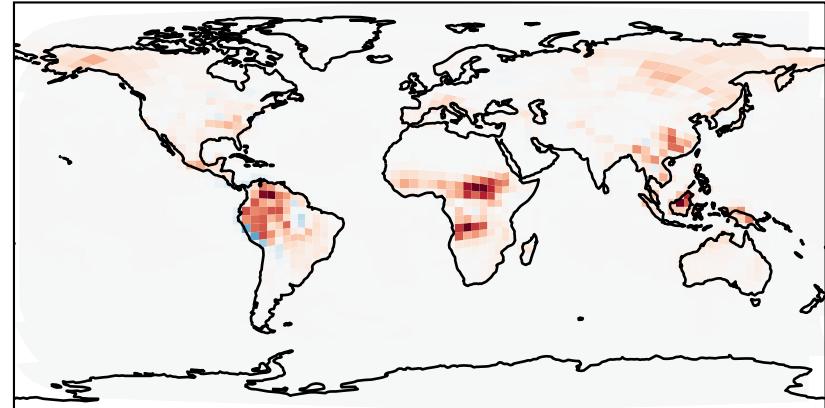


SpeciesConcVV_MVK

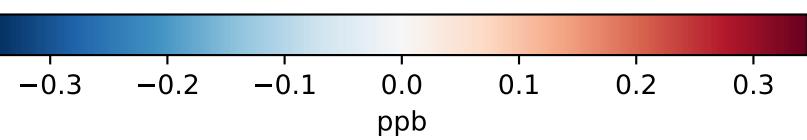
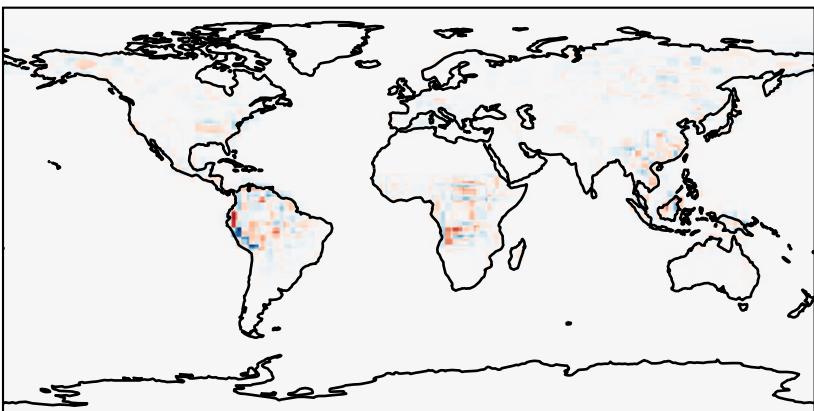
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



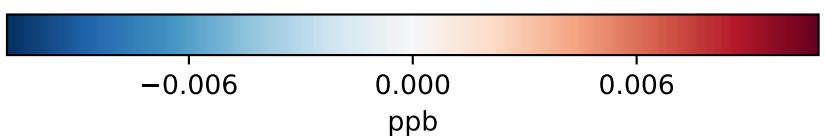
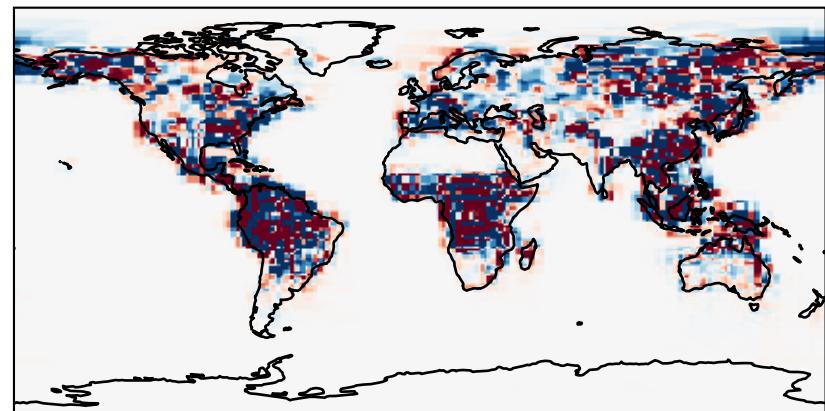
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



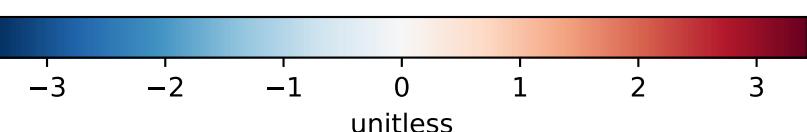
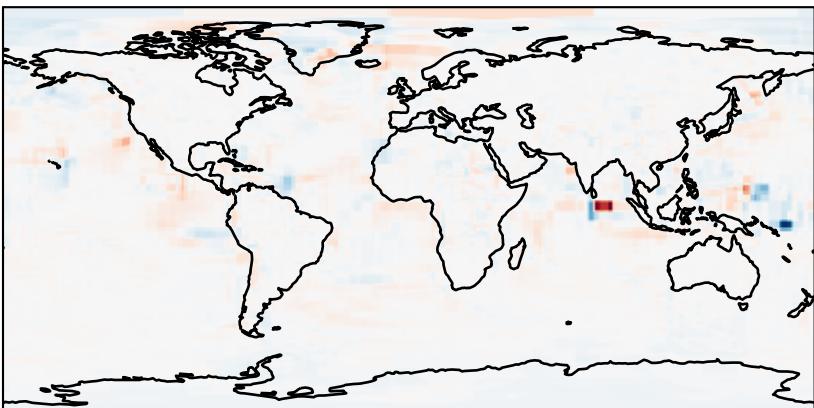
Difference (1x1.25)
Dev - Ref, Dynamic Range



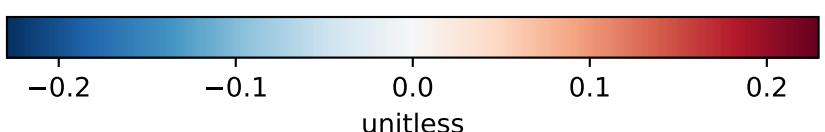
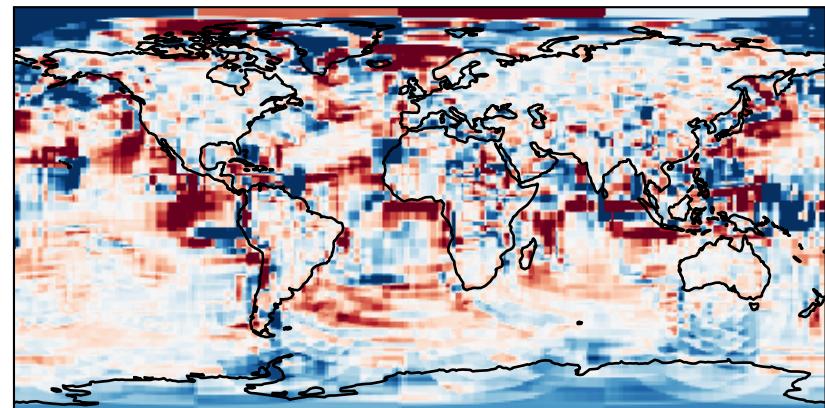
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

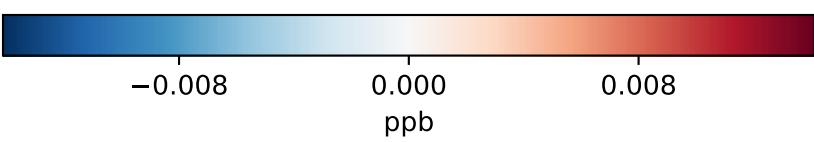
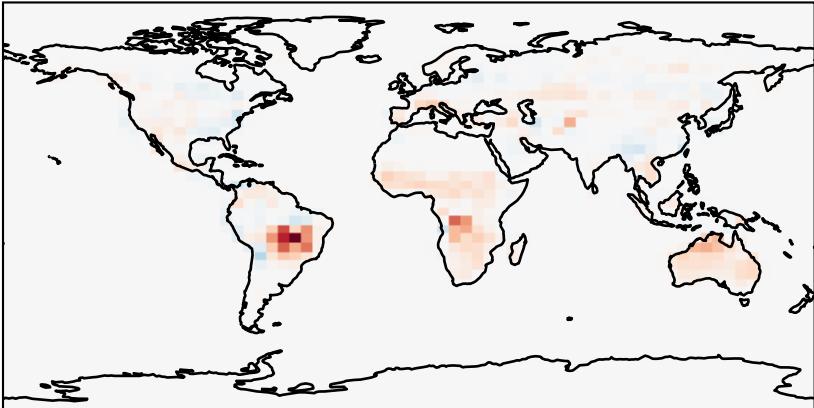


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

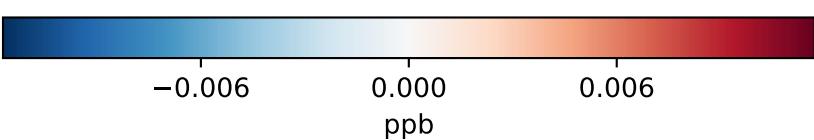
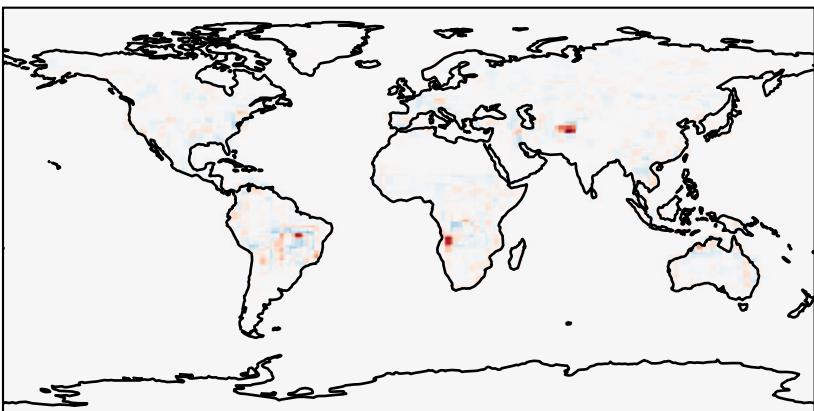


SpeciesConcVV_ISOPN

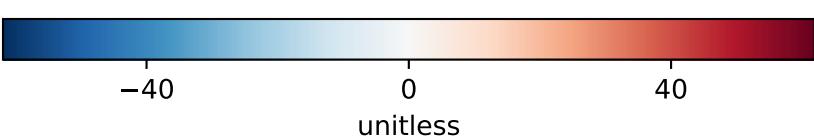
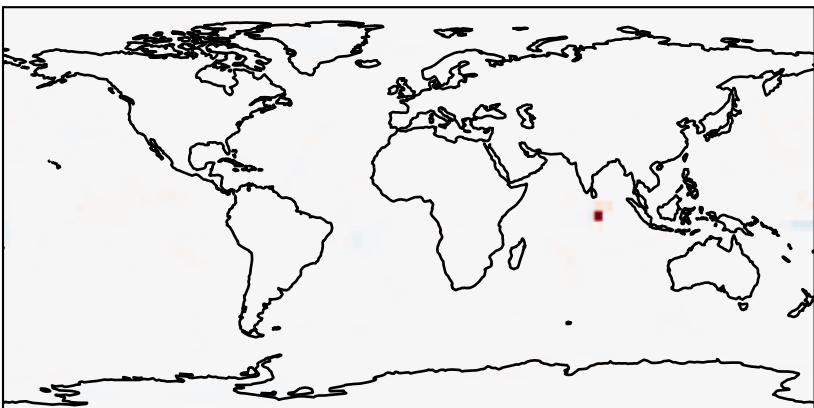
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



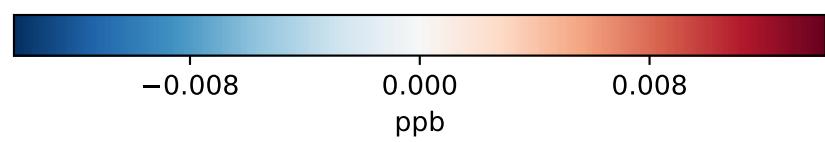
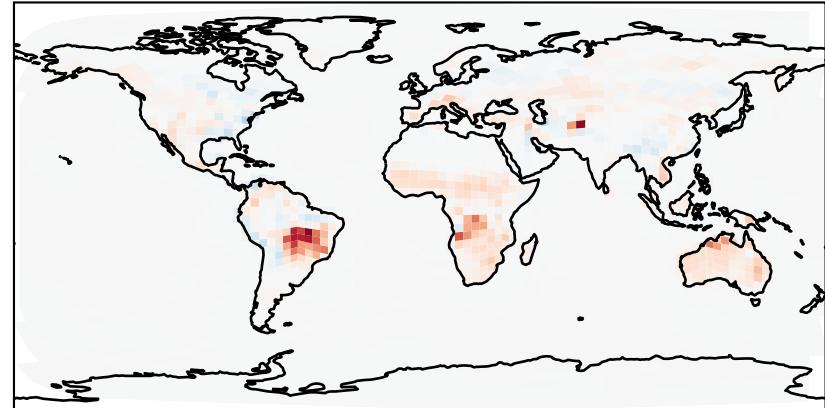
Difference (1x1.25)
Dev - Ref, Dynamic Range



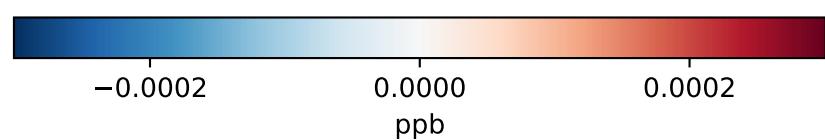
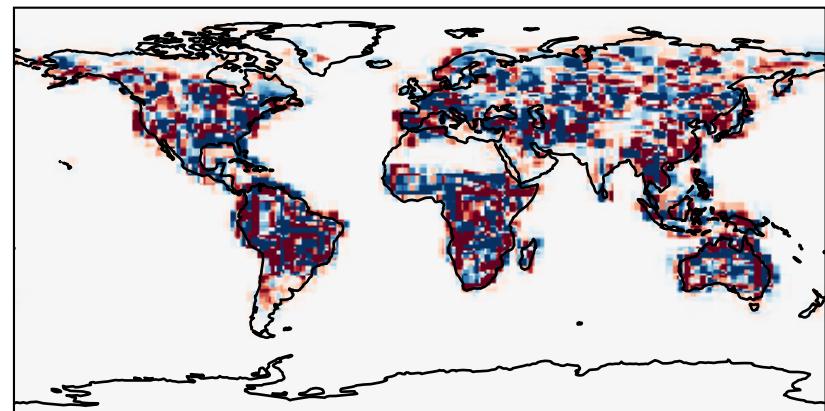
Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



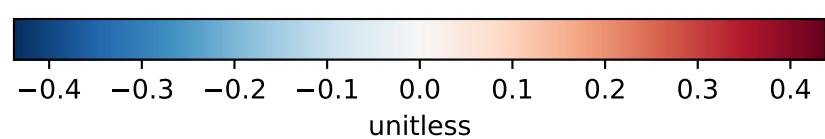
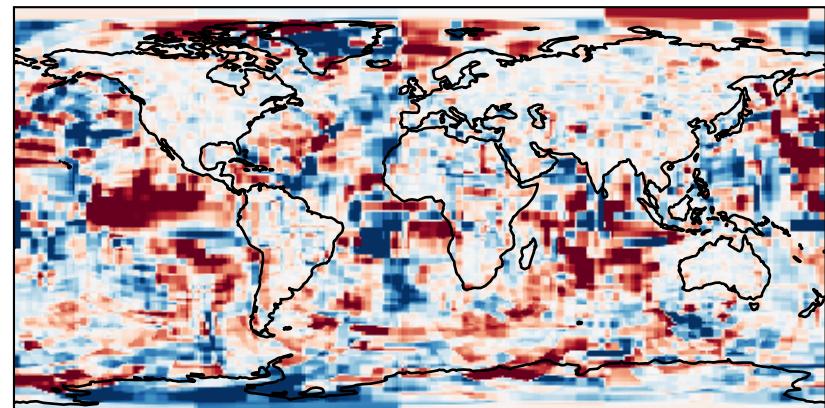
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



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

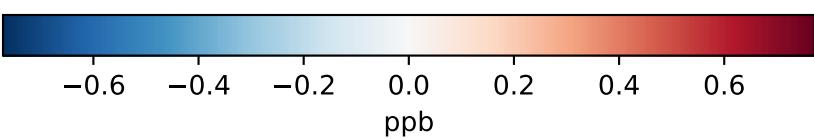
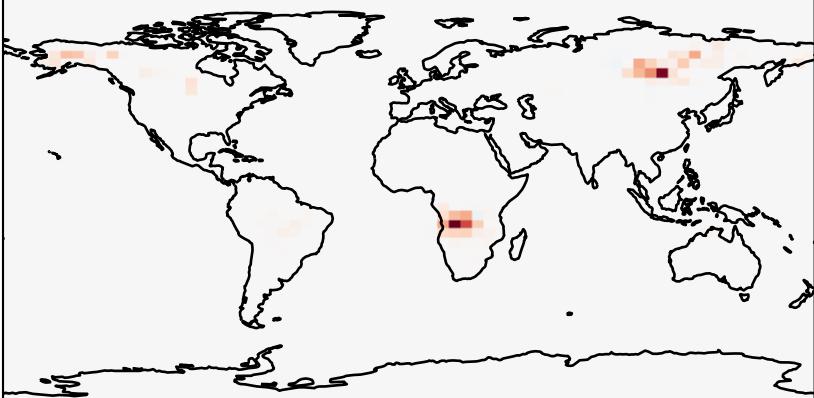


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

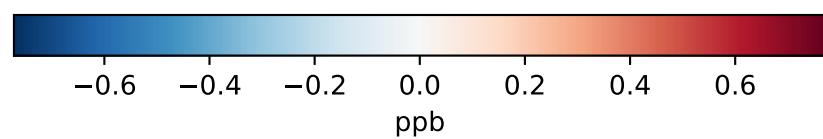
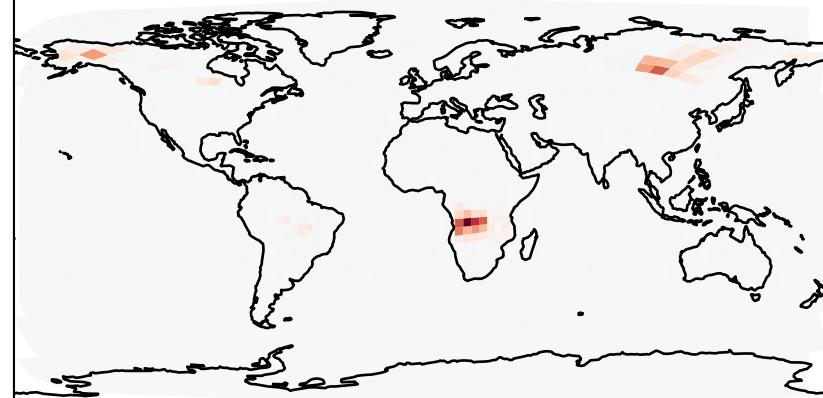


SpeciesConcVV_FURA

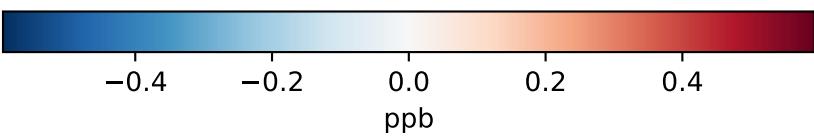
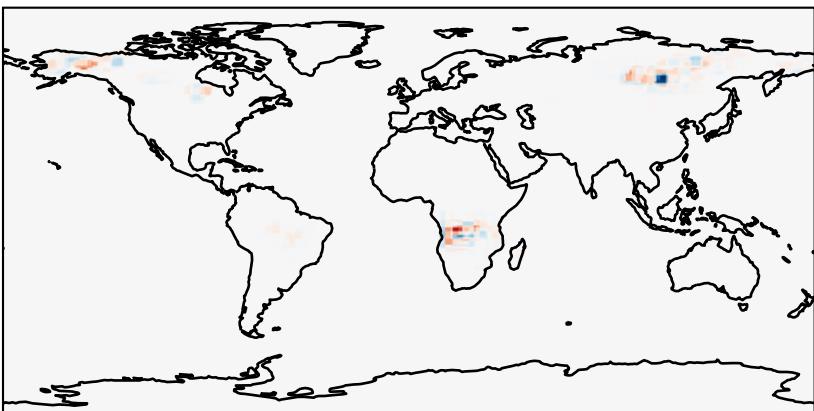
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



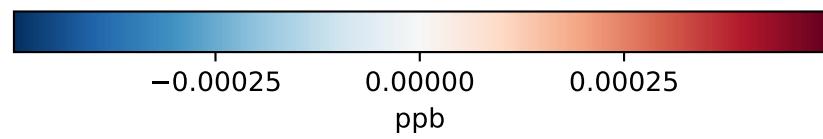
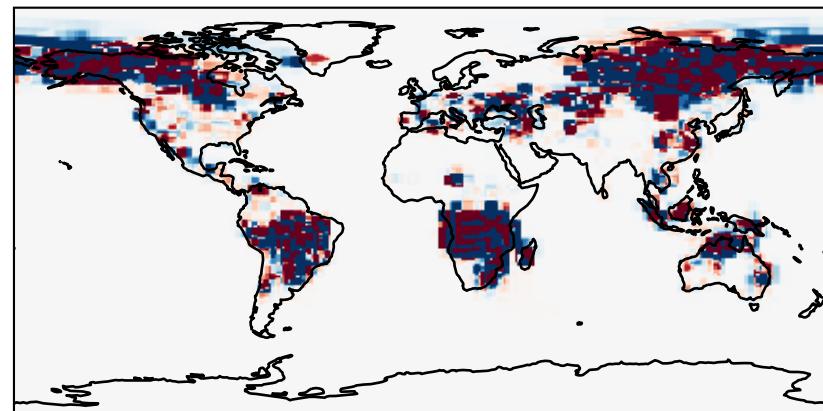
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



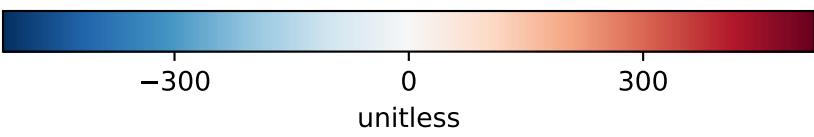
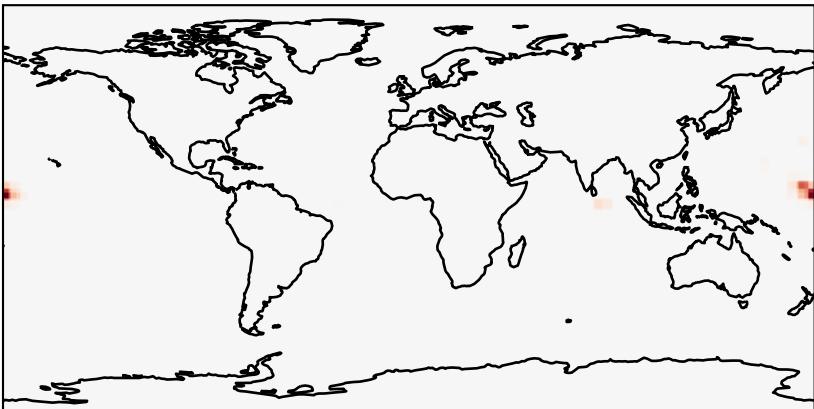
Difference (1x1.25)
Dev - Ref, Dynamic Range



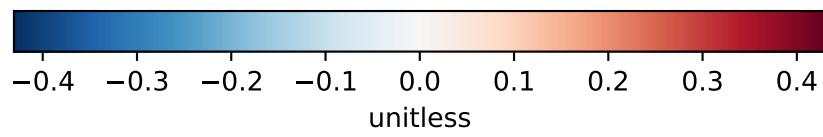
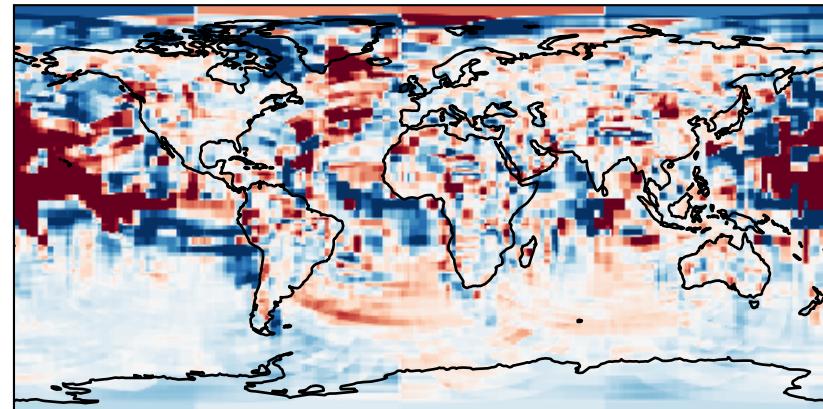
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

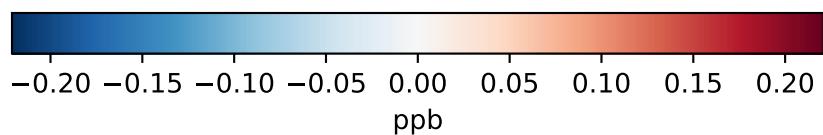
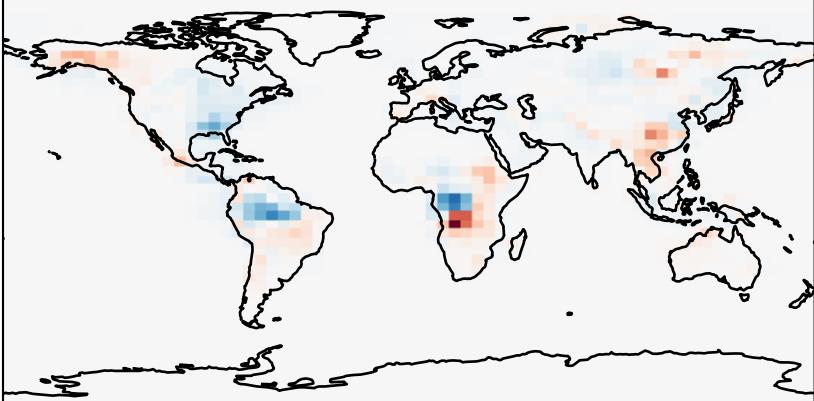


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

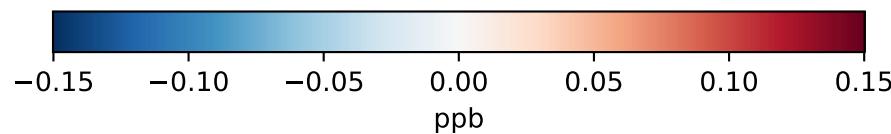
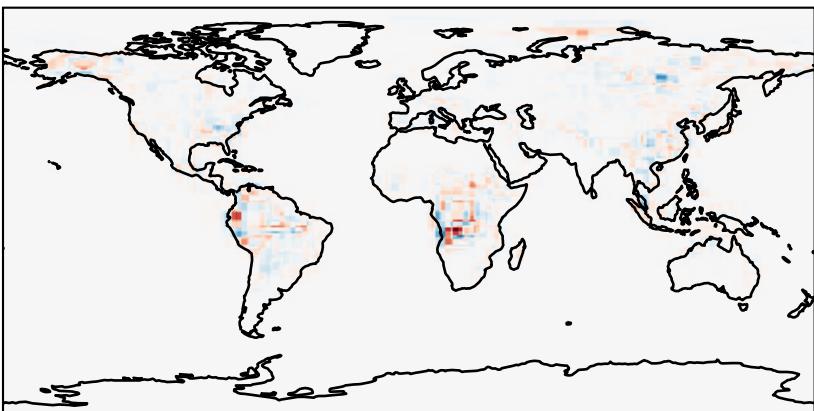


SpeciesConcVV_GLYC

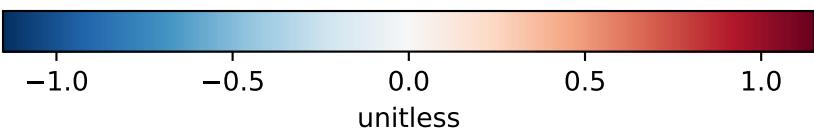
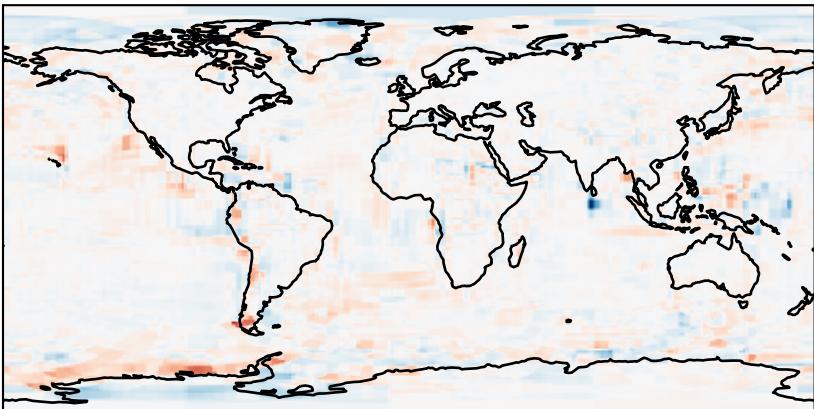
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



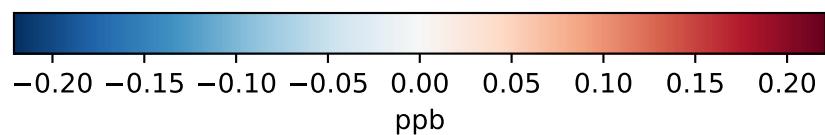
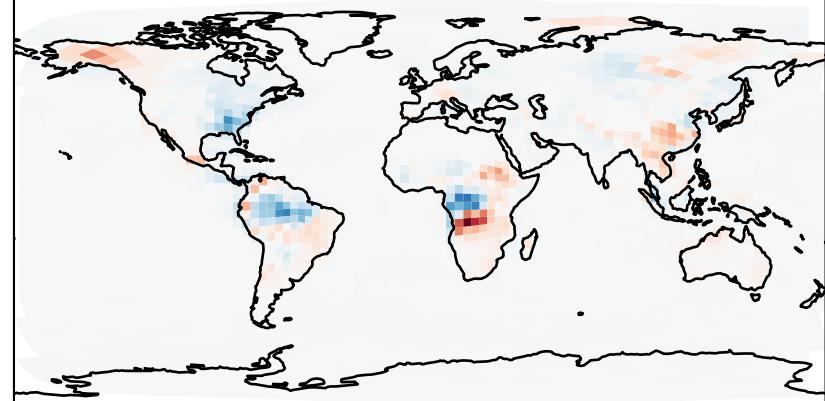
Difference (1x1.25)
Dev - Ref, Dynamic Range



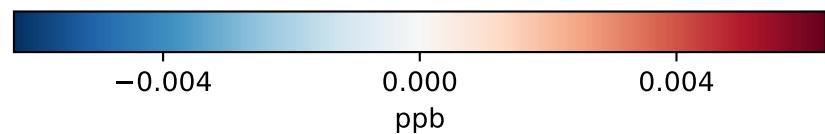
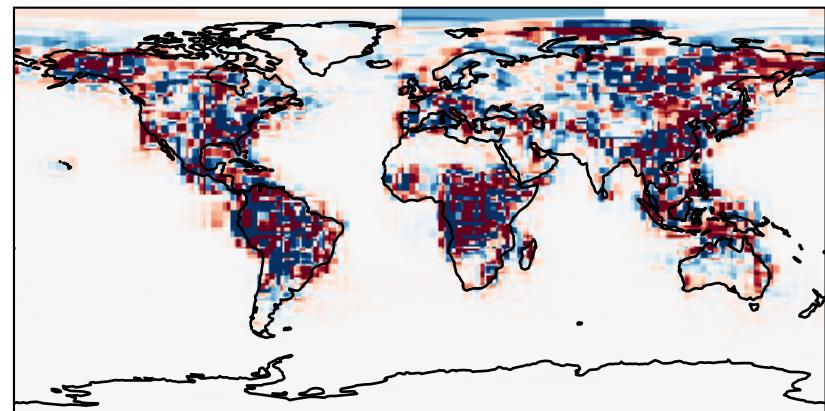
Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



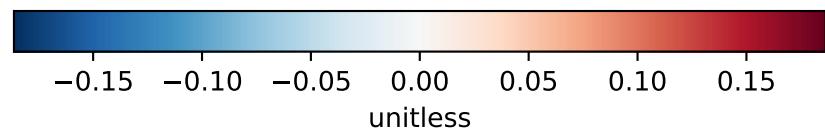
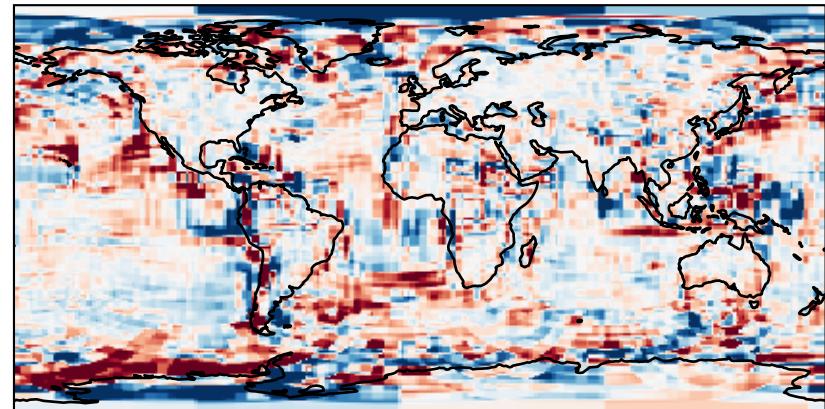
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



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

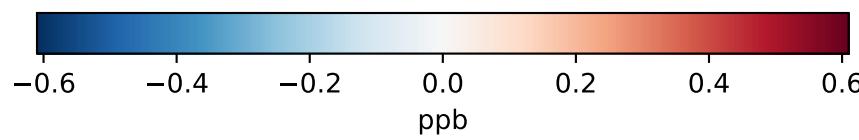
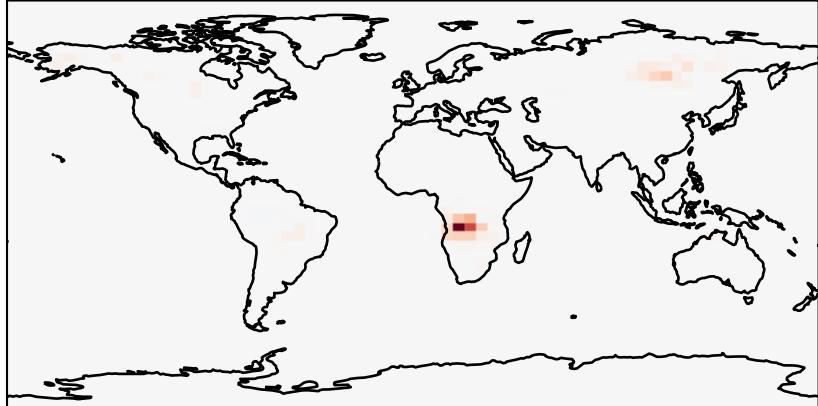


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

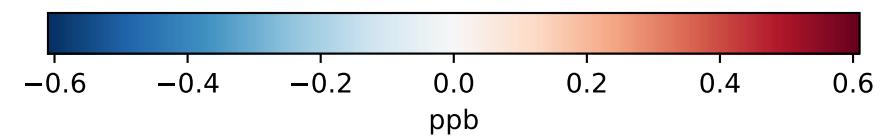
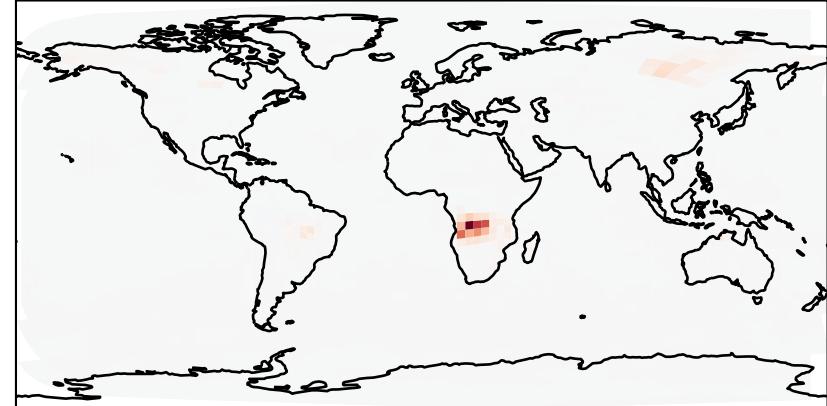


SpeciesConcVV_GLYX

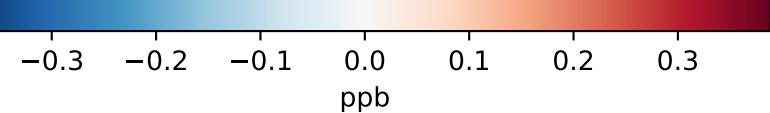
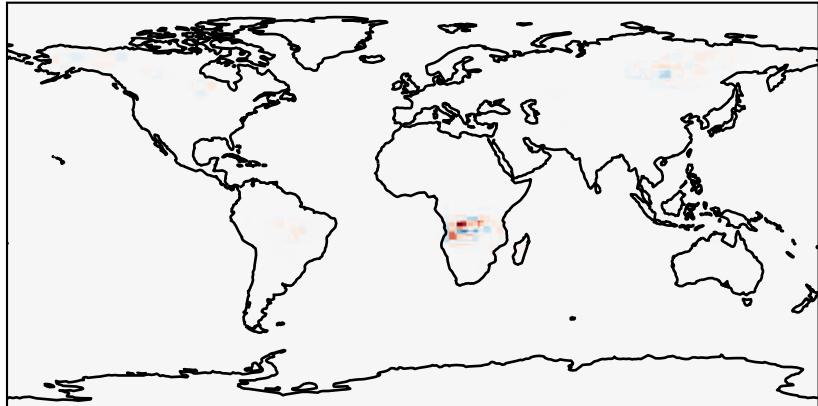
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



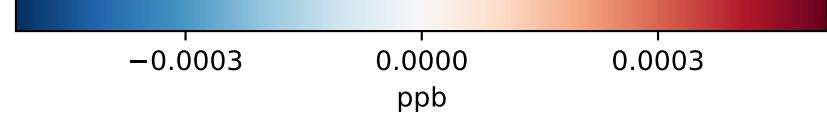
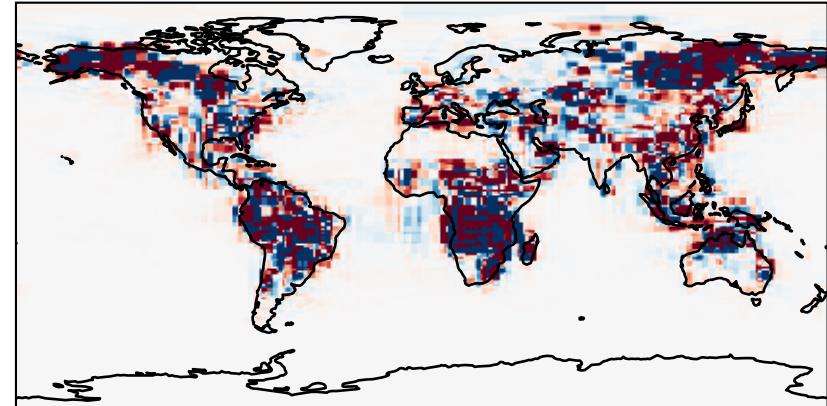
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



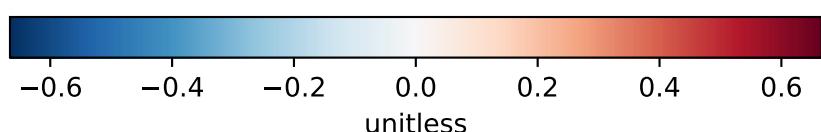
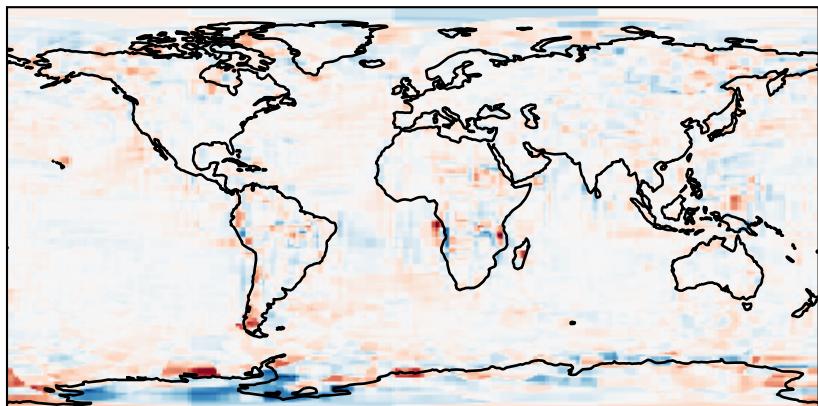
Difference (1x1.25)
Dev - Ref, Dynamic Range



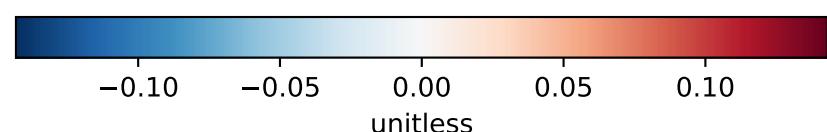
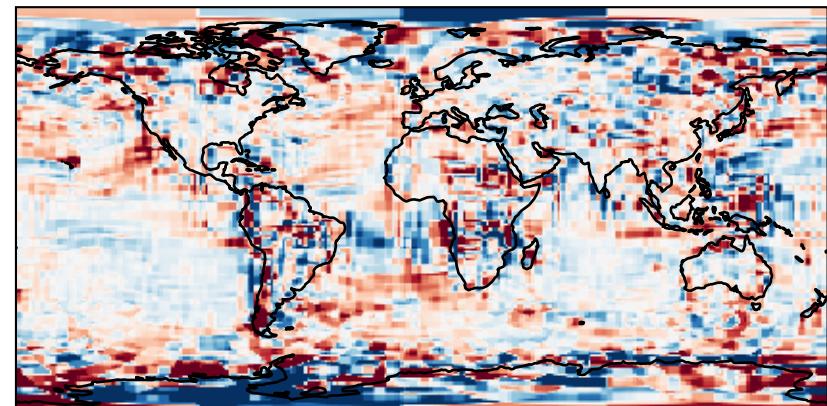
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

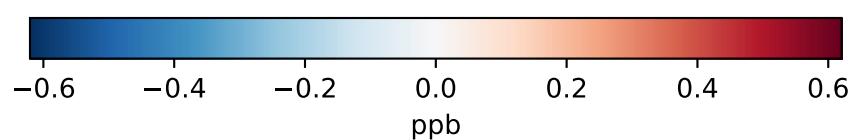
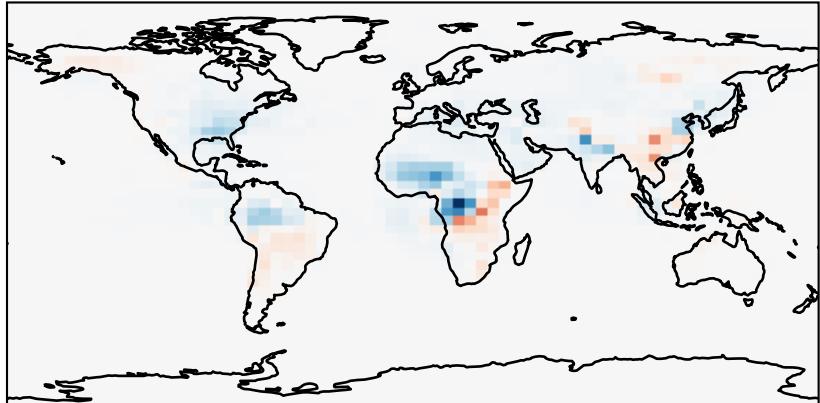


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

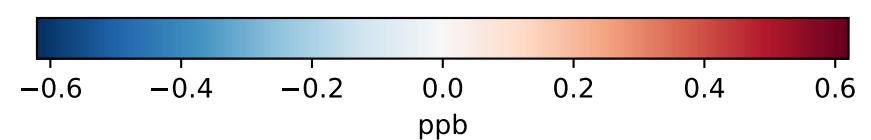
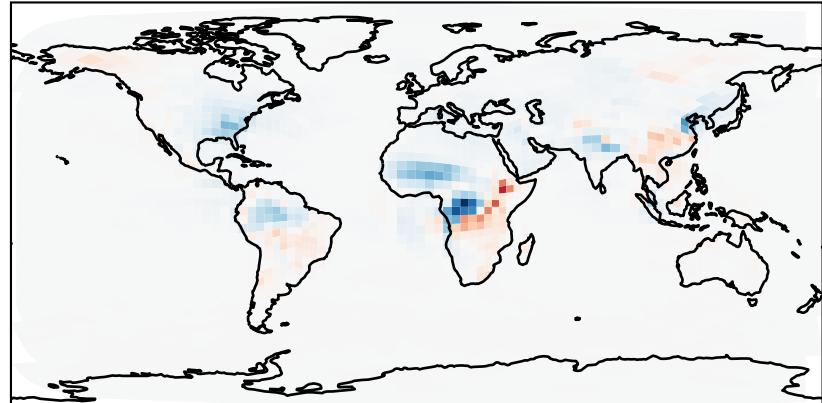


SpeciesConcVV_HCOOH

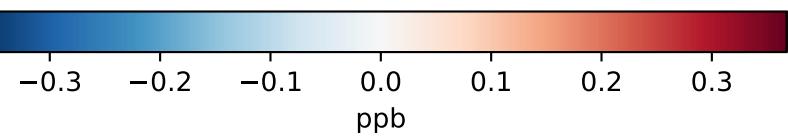
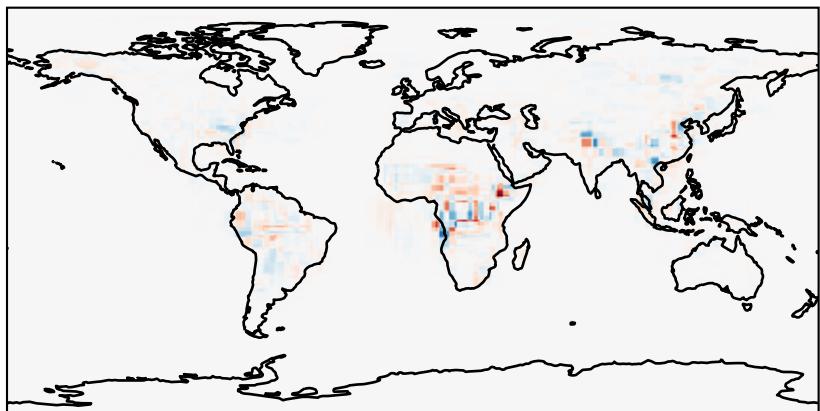
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



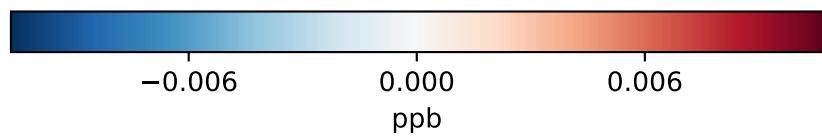
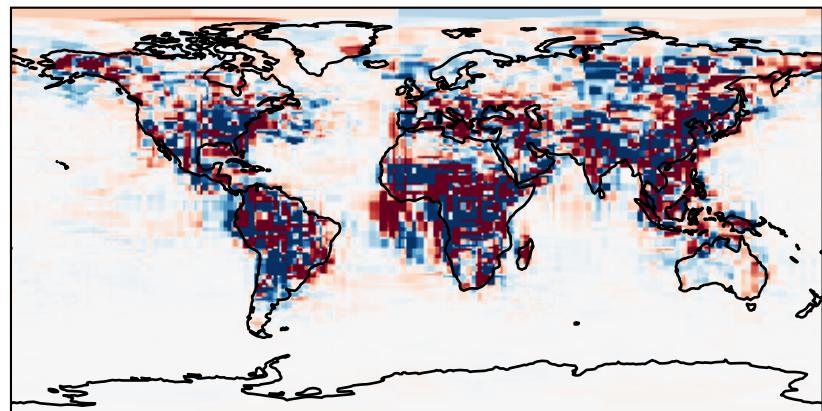
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



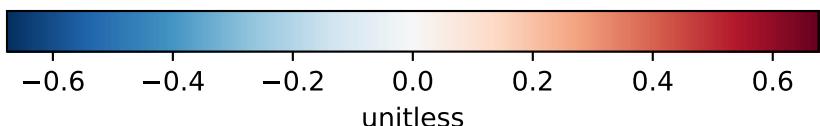
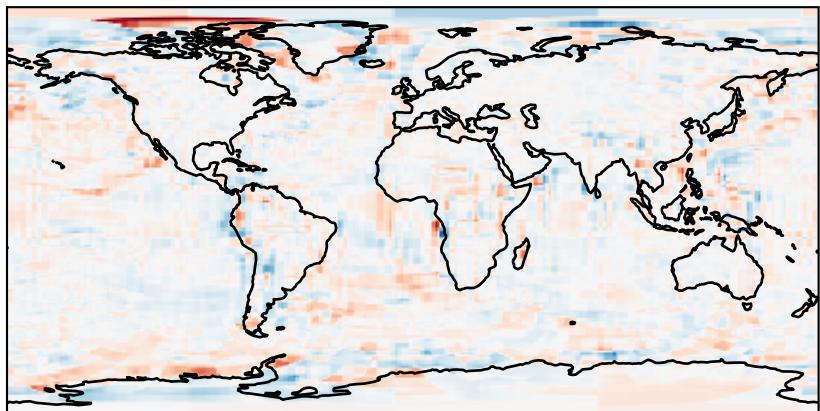
Difference (1x1.25)
Dev - Ref, Dynamic Range



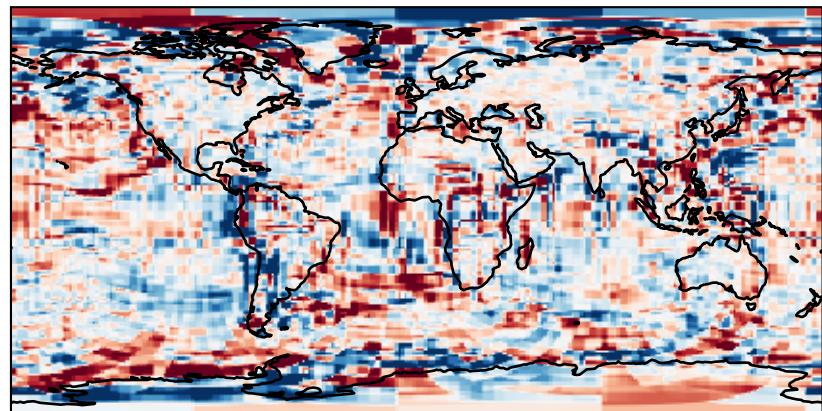
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

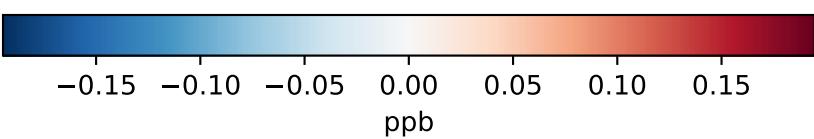
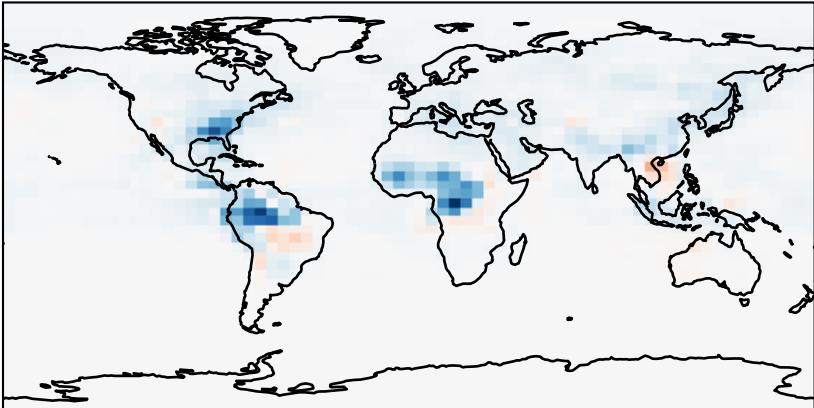


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

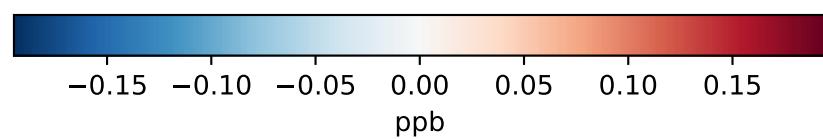
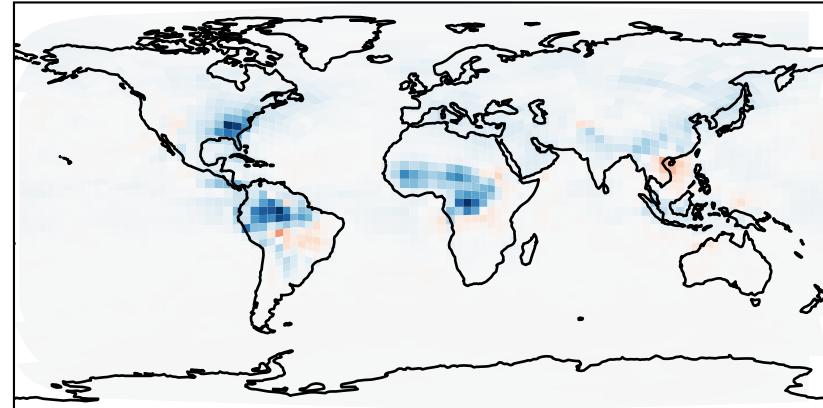


SpeciesConcVV_MAP

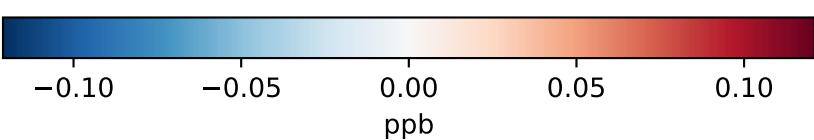
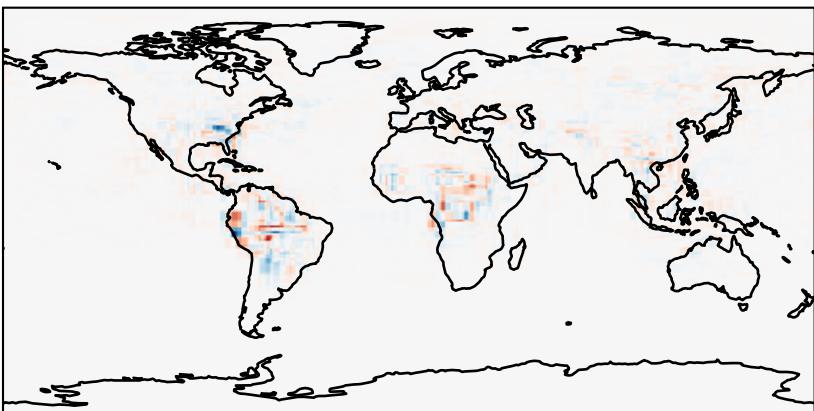
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



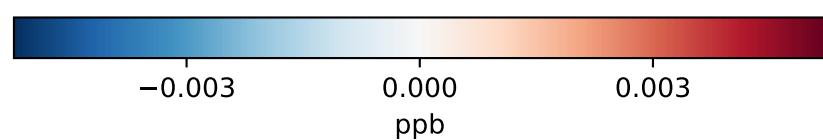
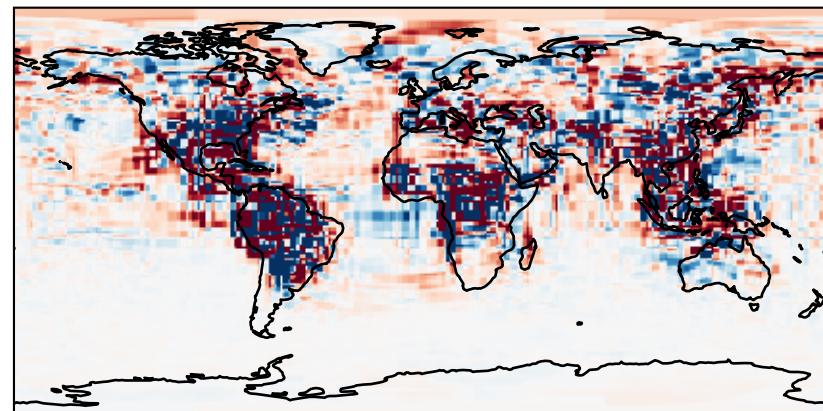
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



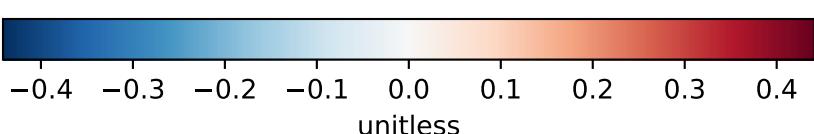
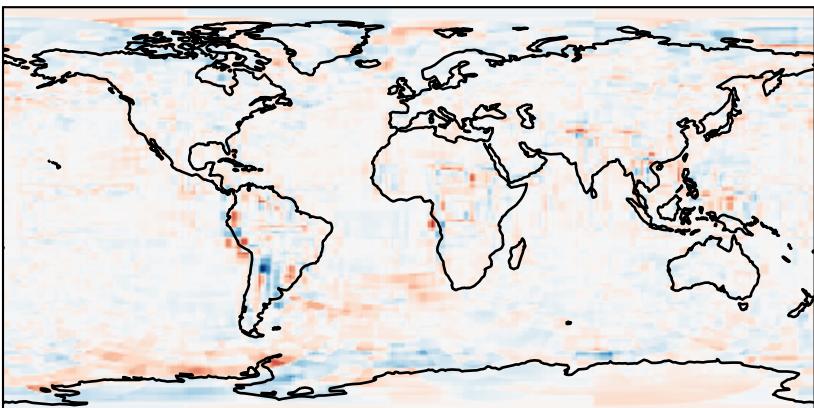
Difference (1x1.25)
Dev - Ref, Dynamic Range



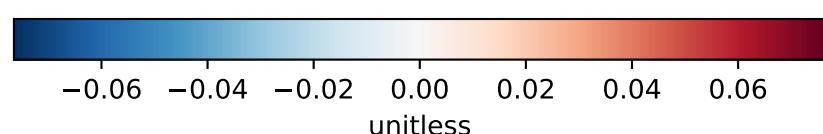
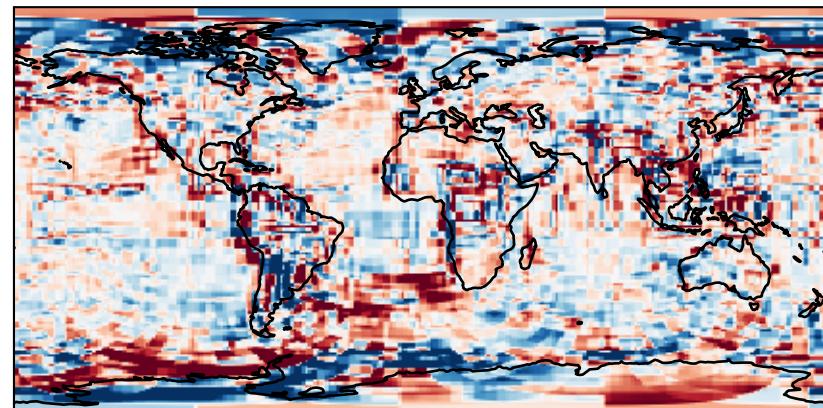
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

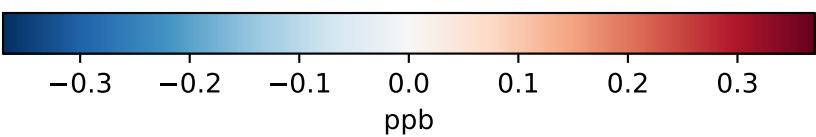
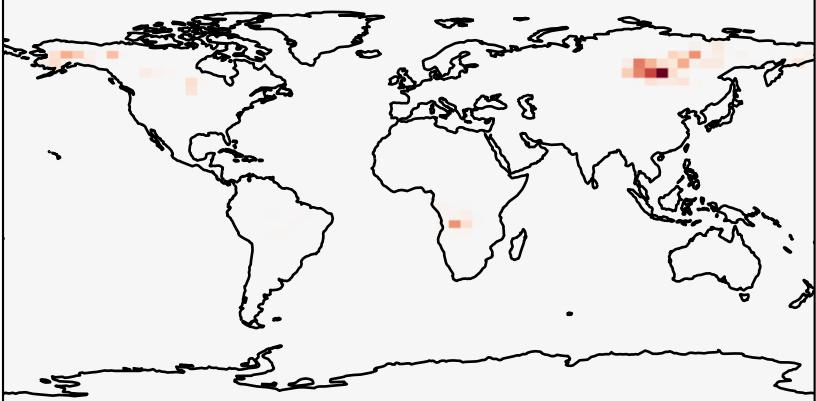


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

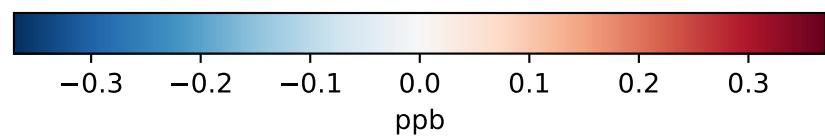
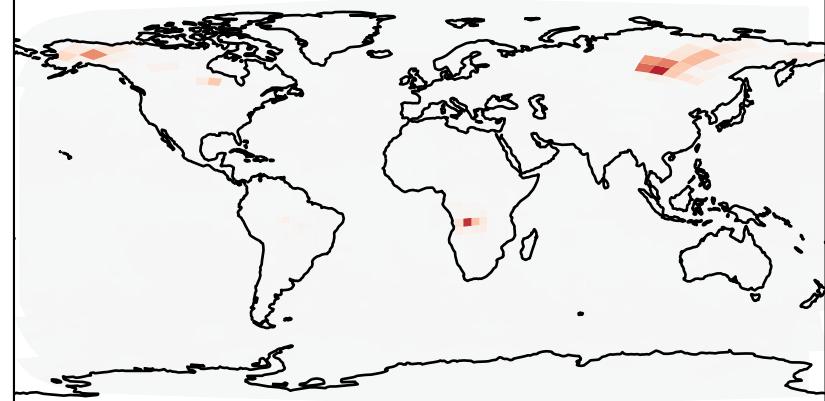


SpeciesConcVV_PHEN

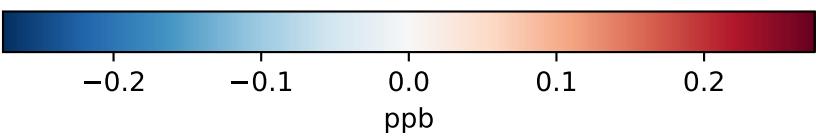
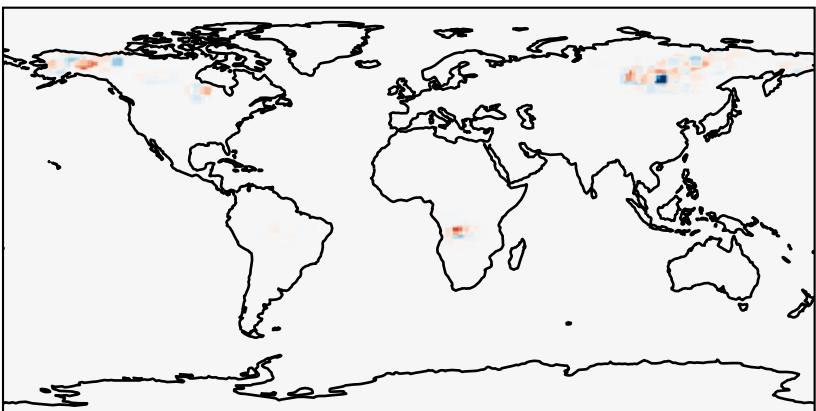
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



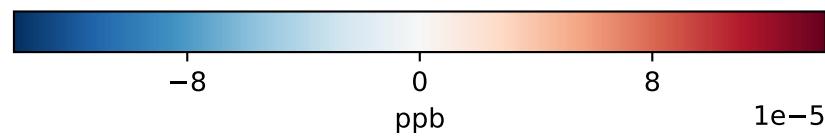
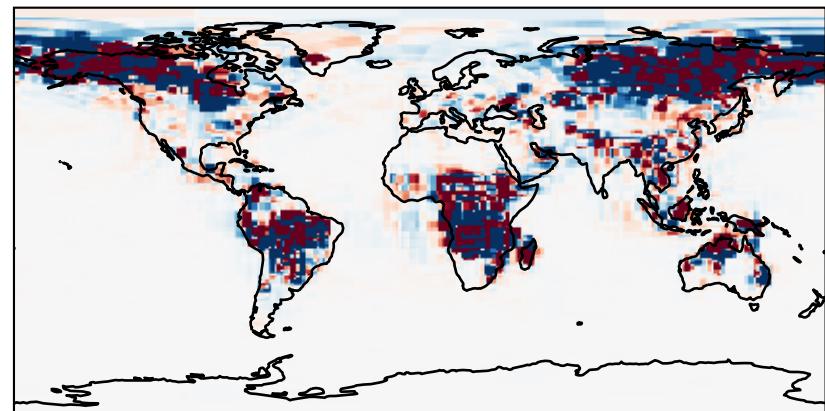
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



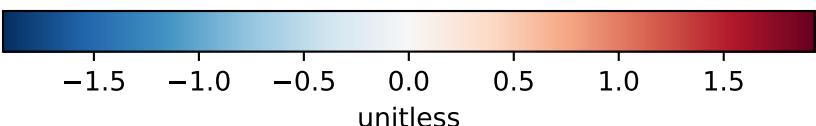
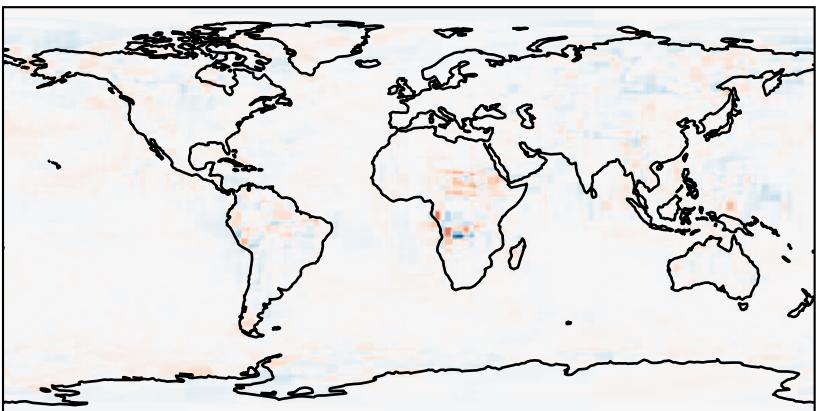
Difference (1x1.25)
Dev - Ref, Dynamic Range



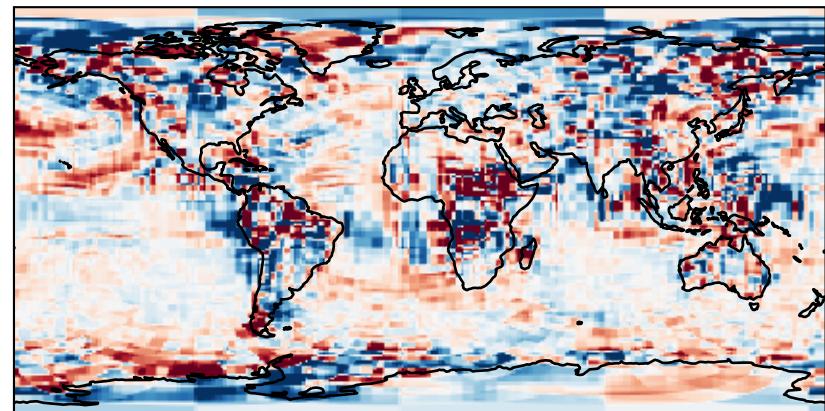
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

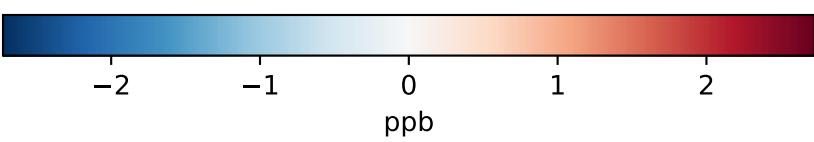
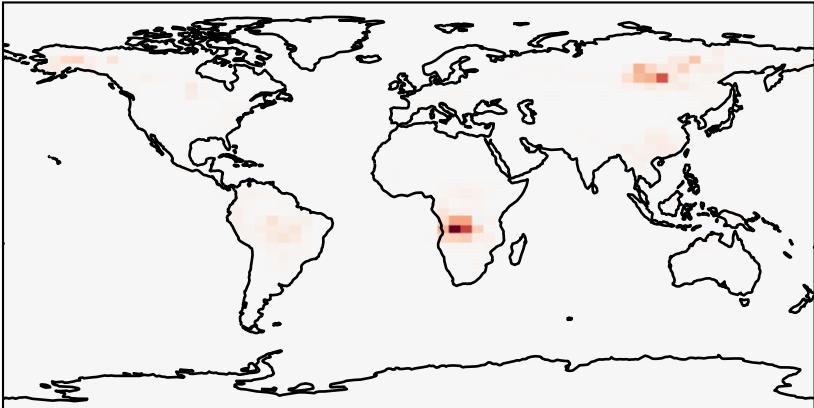


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

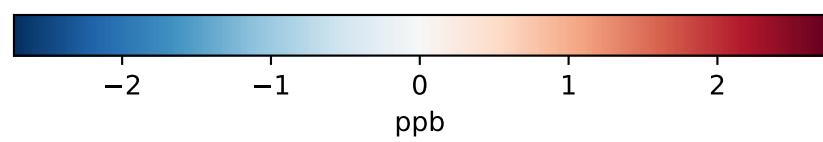
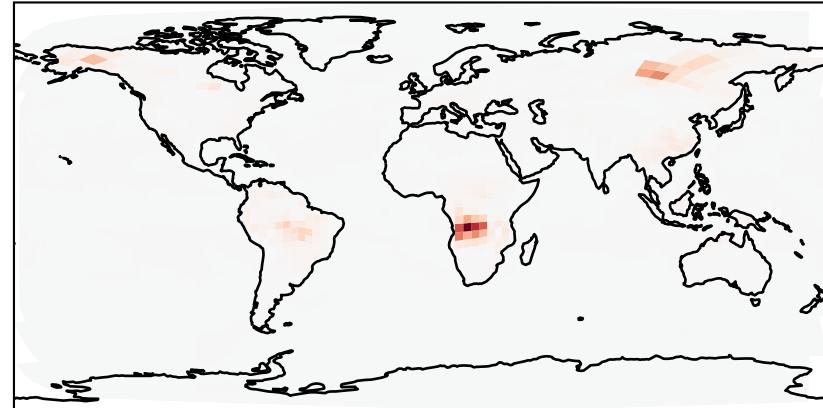


SpeciesConcVV_RCHO

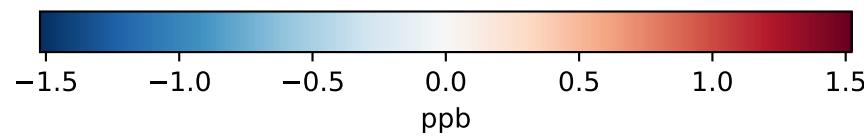
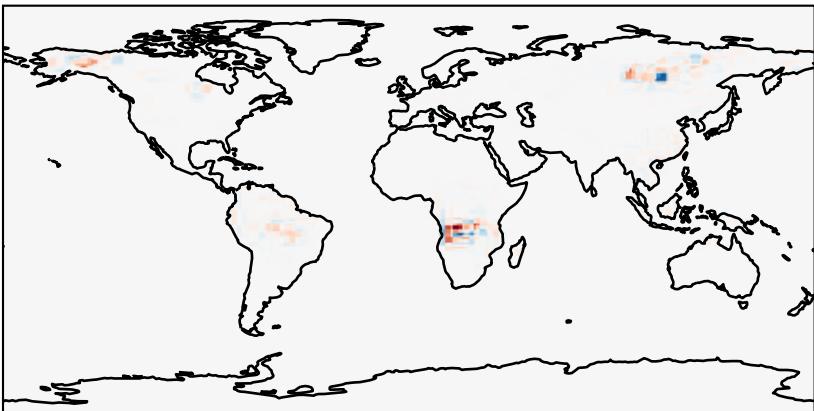
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



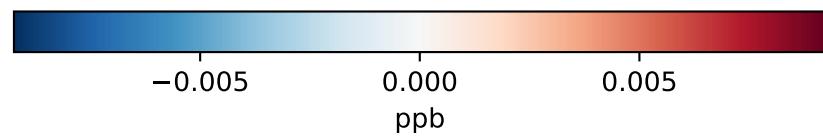
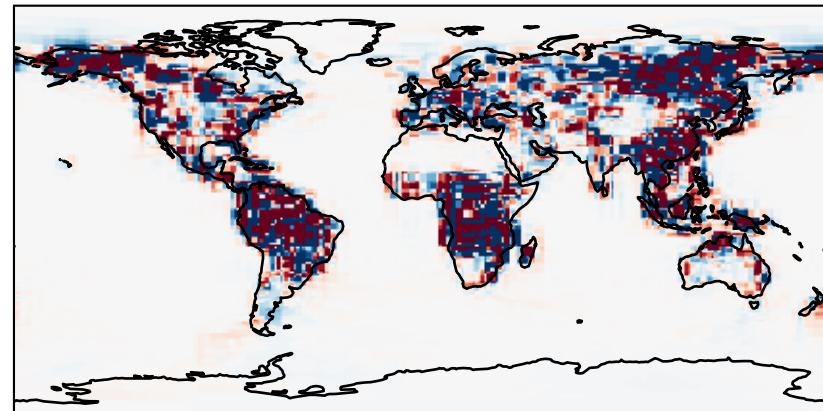
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



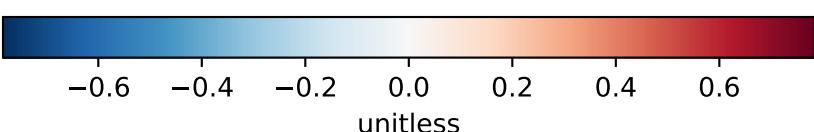
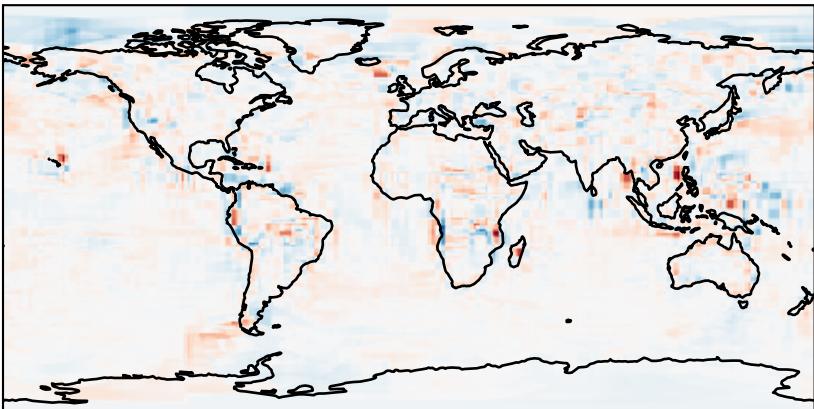
Difference (1x1.25)
Dev - Ref, Dynamic Range



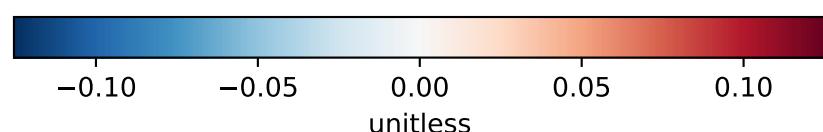
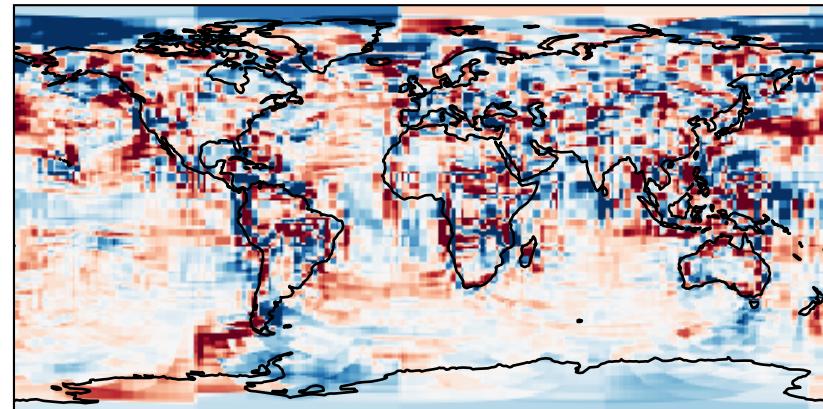
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

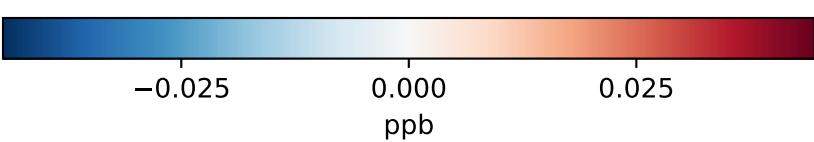
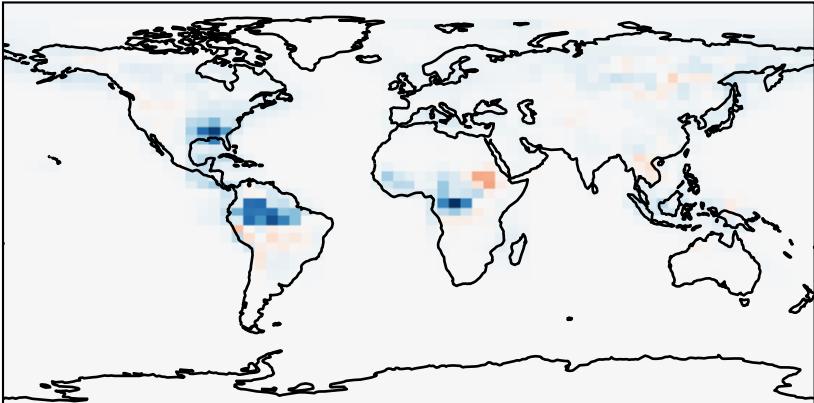


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

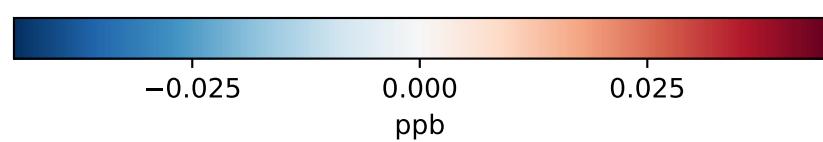
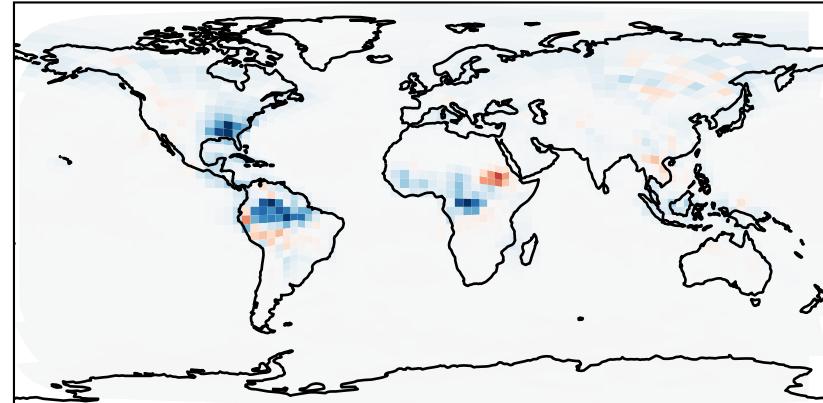


SpeciesConcVV_ETHP

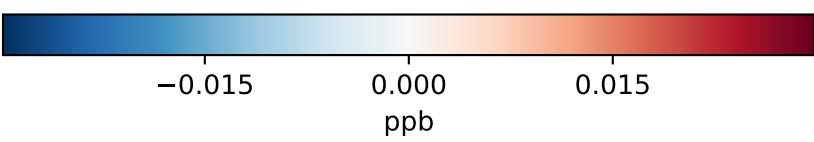
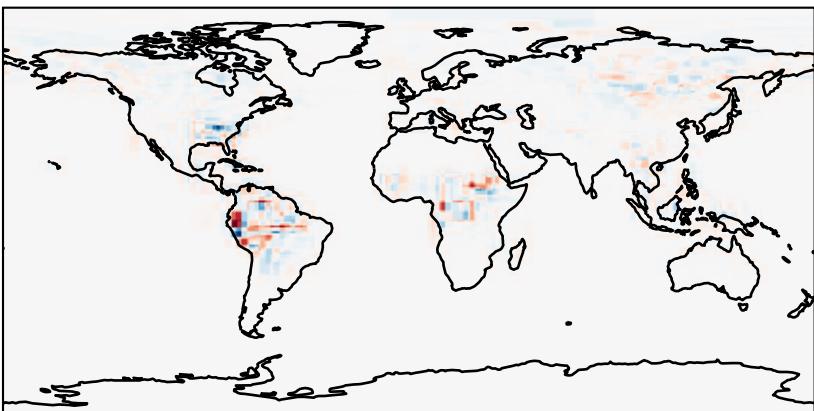
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



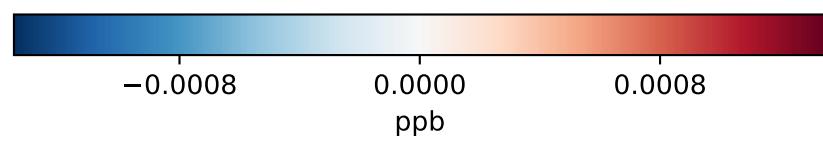
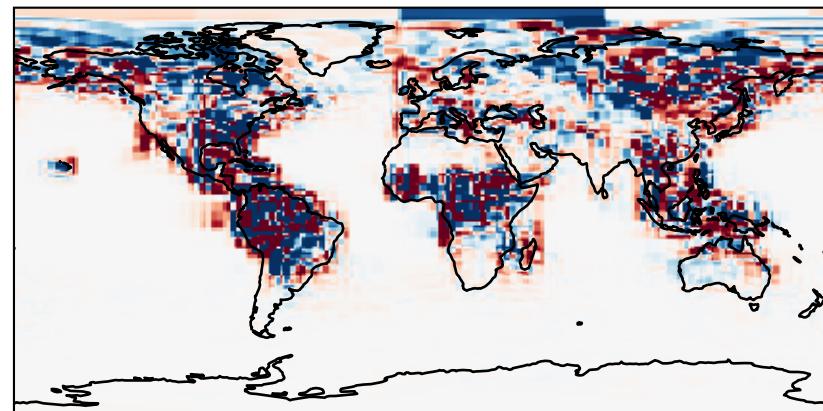
GCHP_14.2.0_GEOS-FP - GCHP_14.2.0_MERRA2 (Dev)
c24



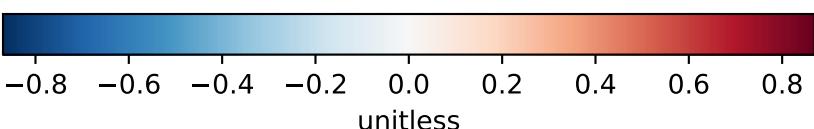
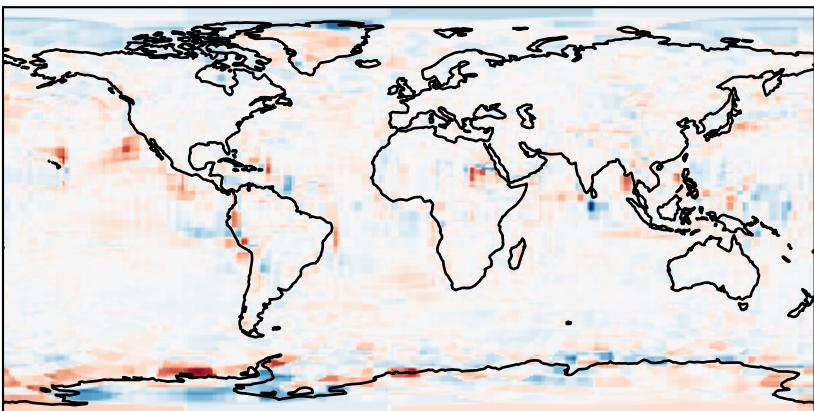
Difference (1x1.25)
Dev - Ref, Dynamic Range



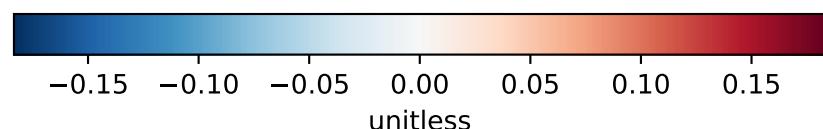
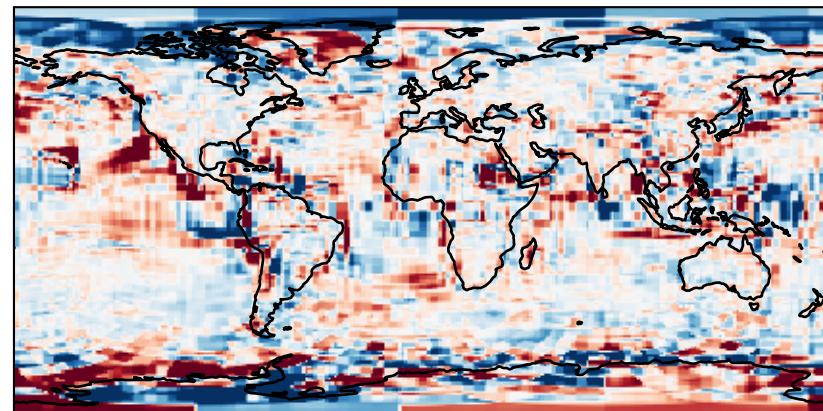
Difference (1x1.25)
Dev - Ref, Restricted Range [5%,95%]



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

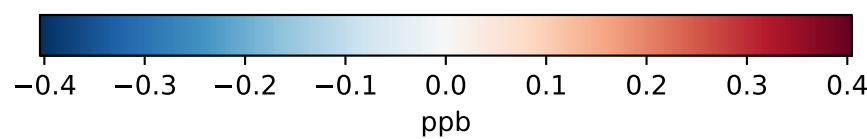
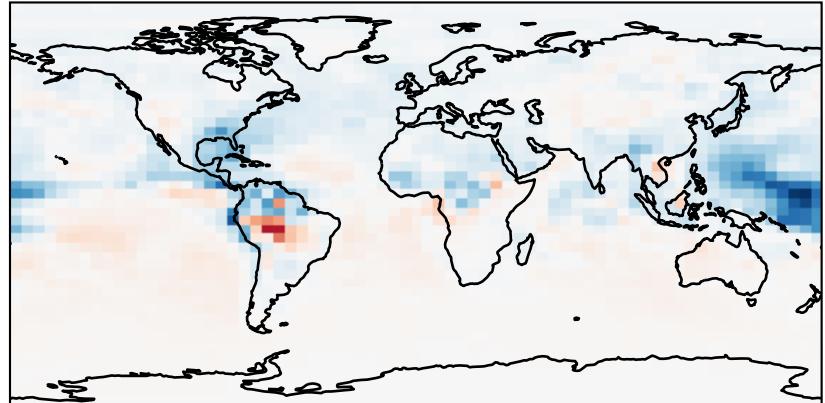


Difference (1x1.25), Restricted Range [5%,95%]
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref

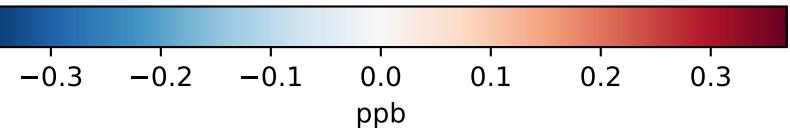
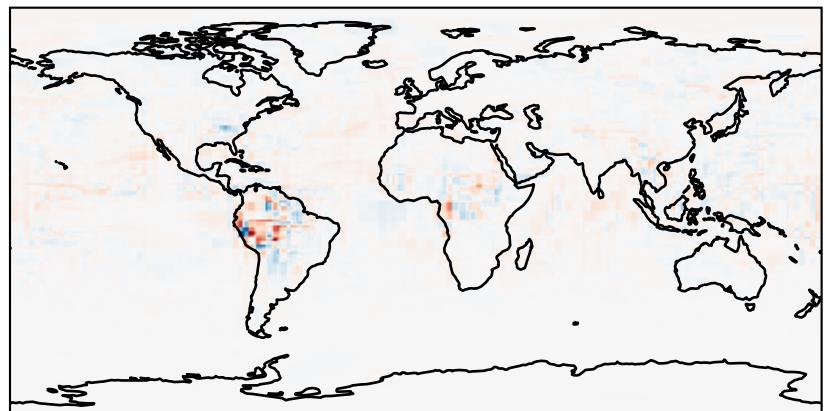


SpeciesConcVV_MP

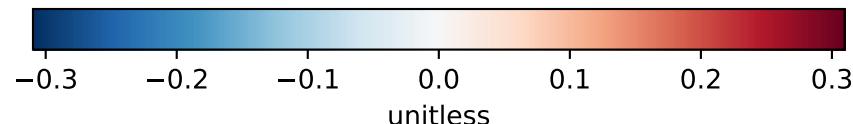
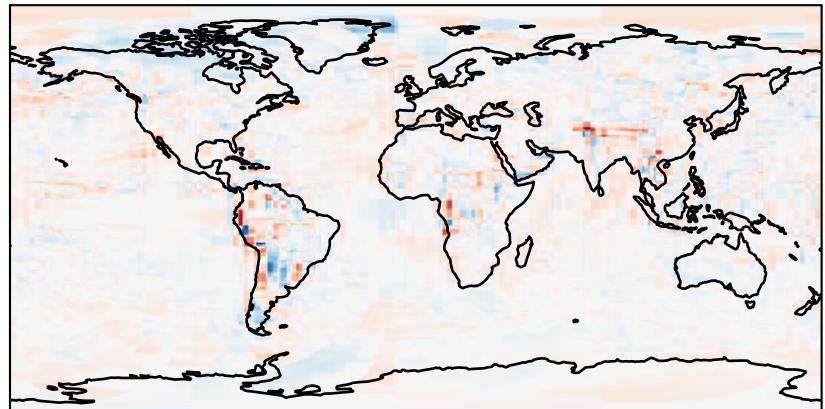
GCC_14.2.0_GEOS-FP - GCC_14.2.0_MERRA2 (Ref)
4.0x5.0



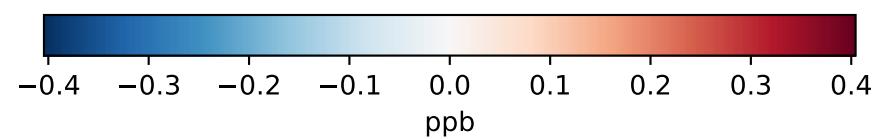
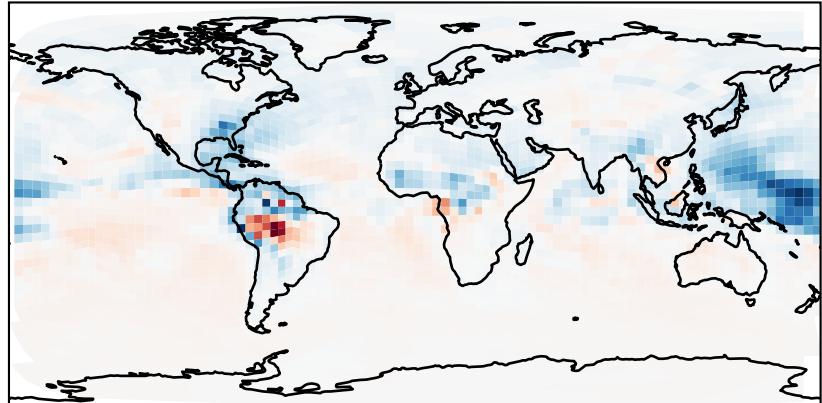
Difference (1x1.25)
Dev - Ref, Dynamic Range



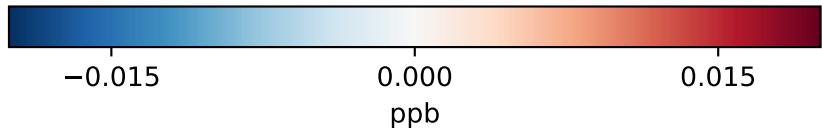
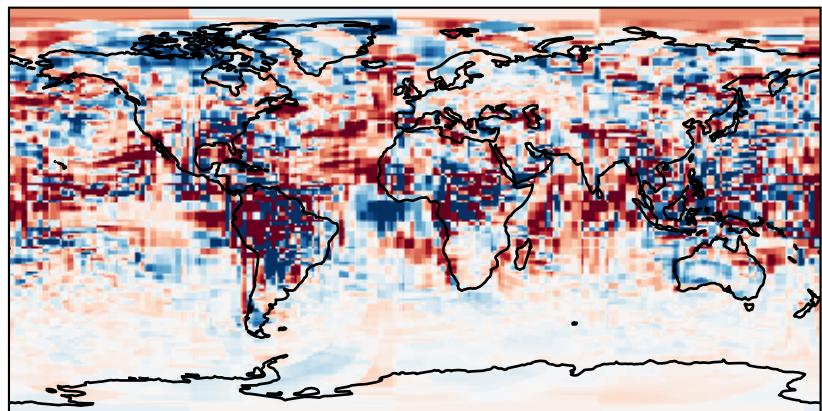
Difference (1x1.25), Dynamic Range
GCHP_dev / GCHP_ref - GCC_dev / GCC_ref



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



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



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

