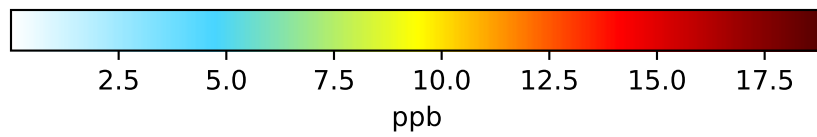
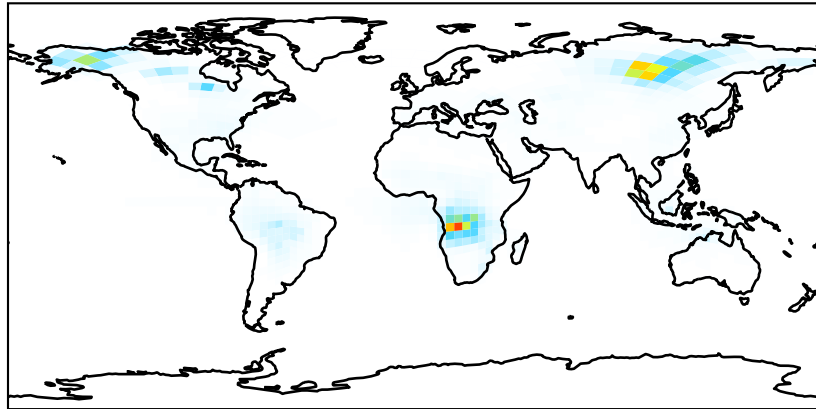
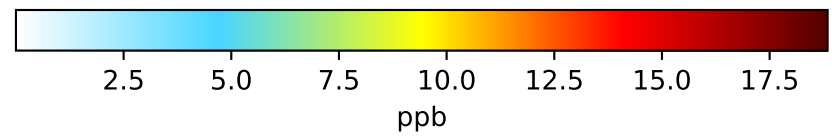
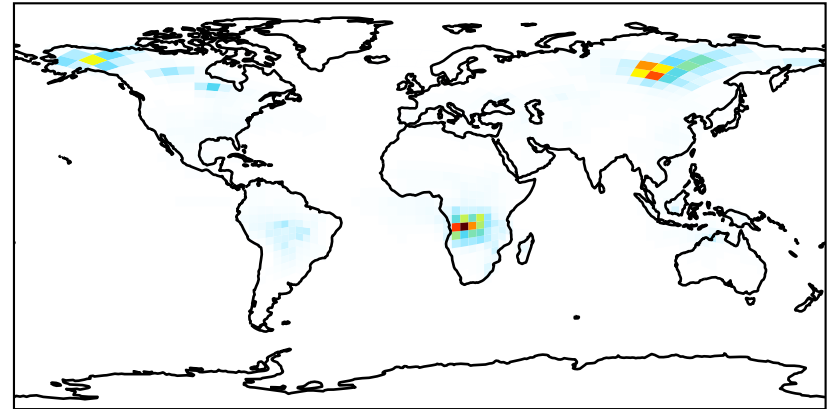


SpeciesConcVV_ACTA

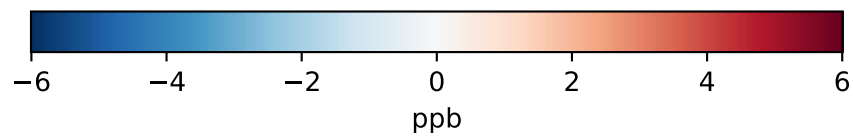
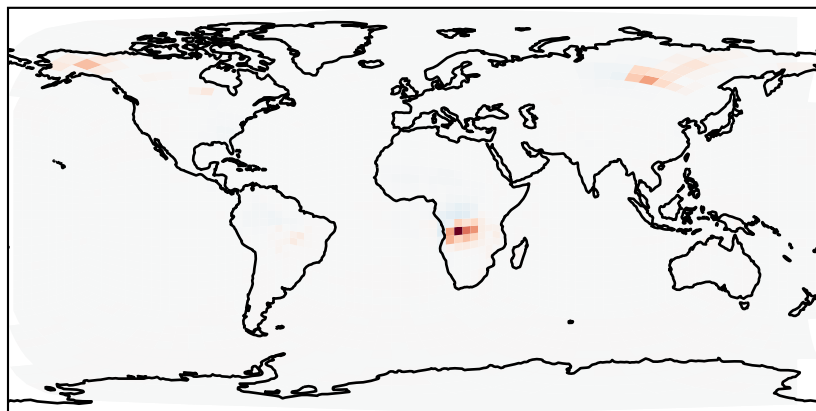
GCHP_14.2.0_MERRA2 (Ref)
c24



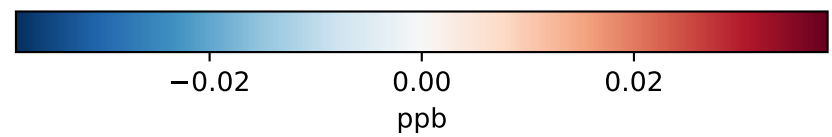
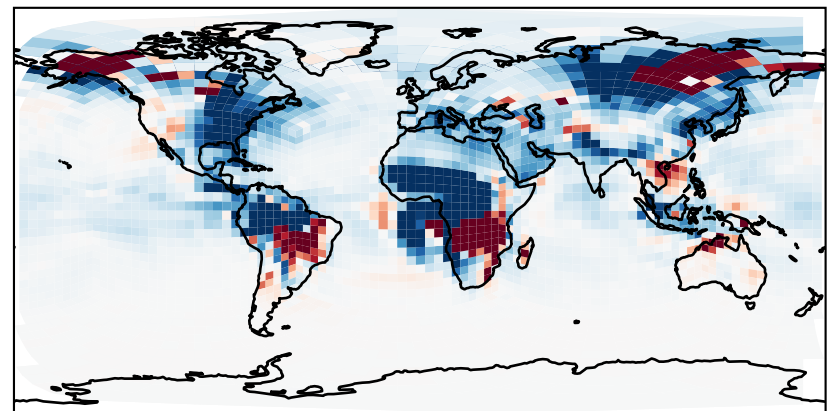
GCHP_14.2.0_GEOS-FP (Dev)
c24



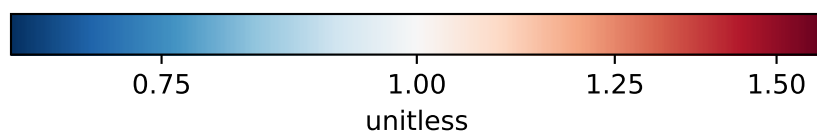
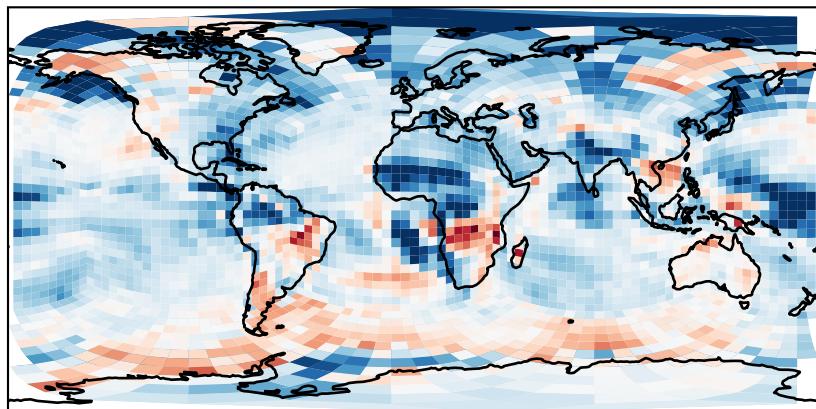
Difference
Dev - Ref, Dynamic Range



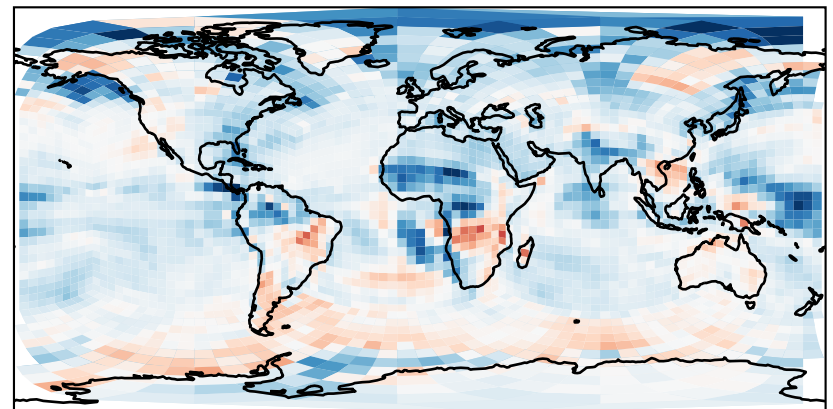
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

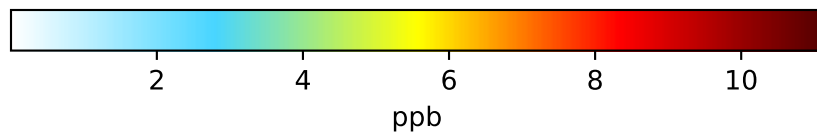
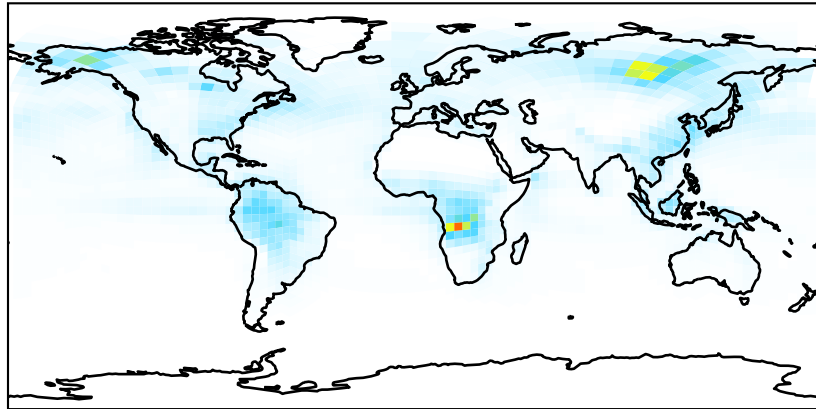


Ratio
Dev/Ref, Fixed Range

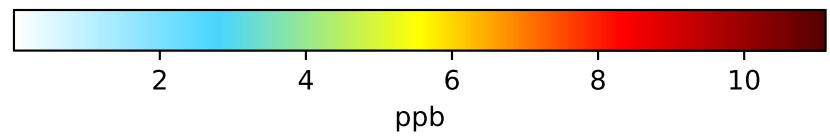
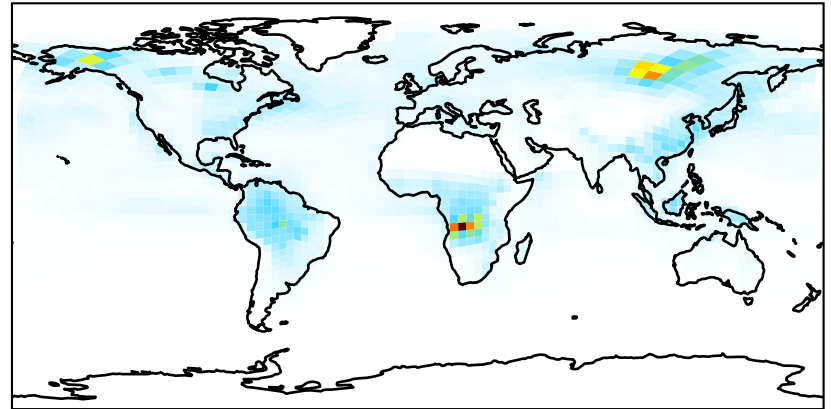


SpeciesConcVV_ALD2

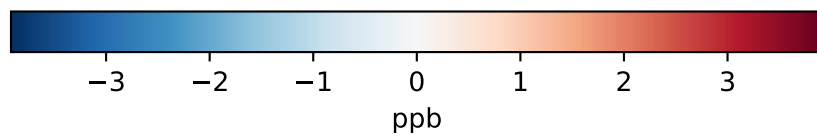
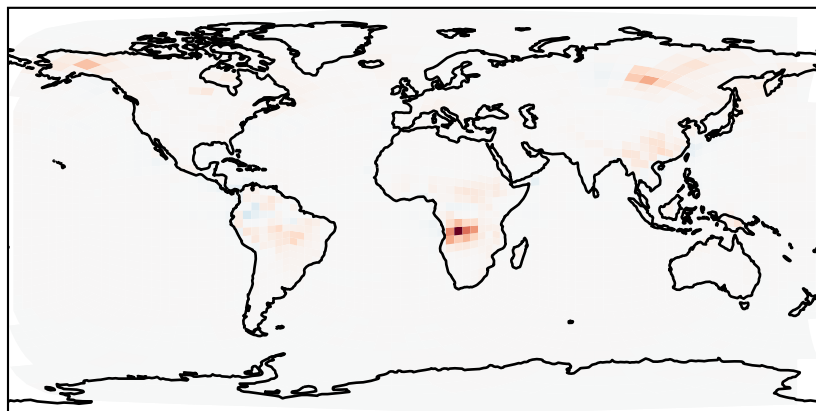
GCHP_14.2.0_MERRA2 (Ref)
c24



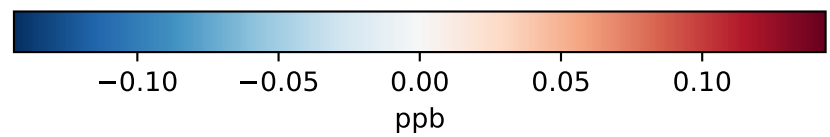
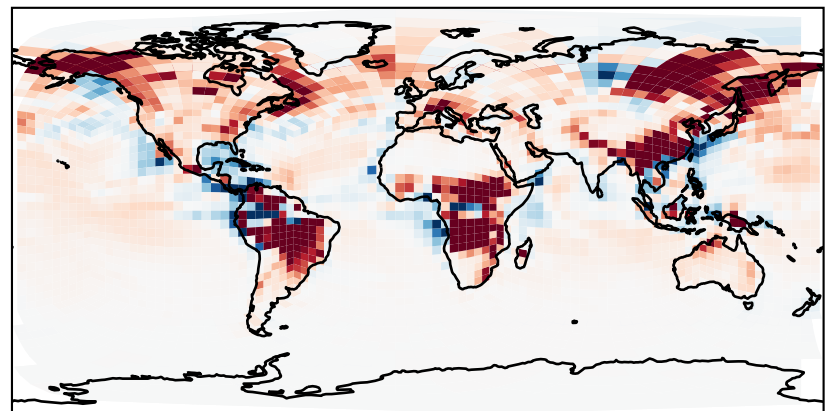
GCHP_14.2.0_GEOS-FP (Dev)
c24



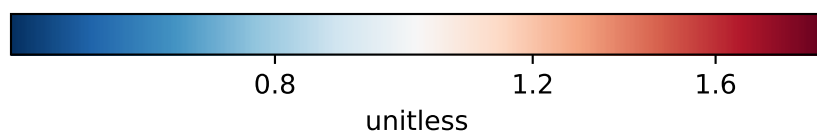
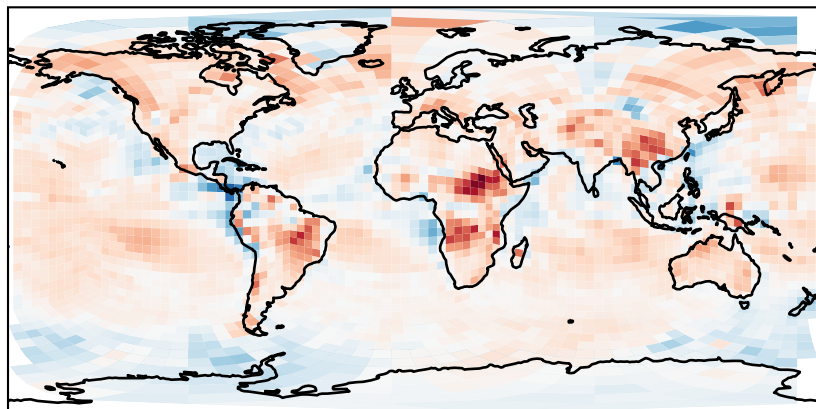
Difference
Dev - Ref, Dynamic Range



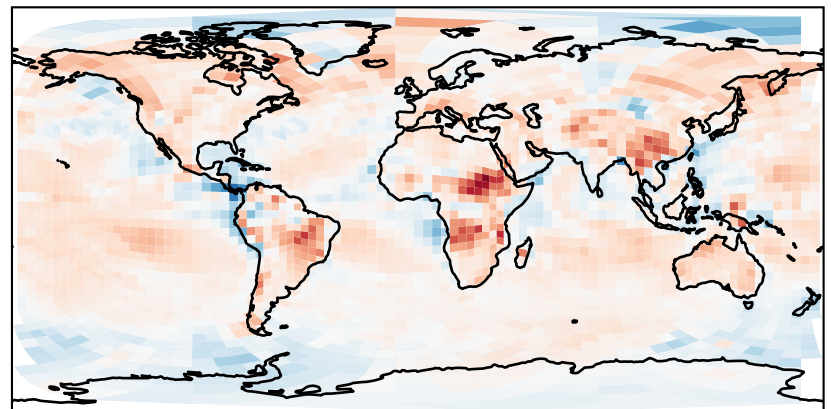
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

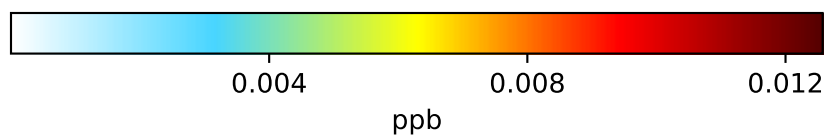
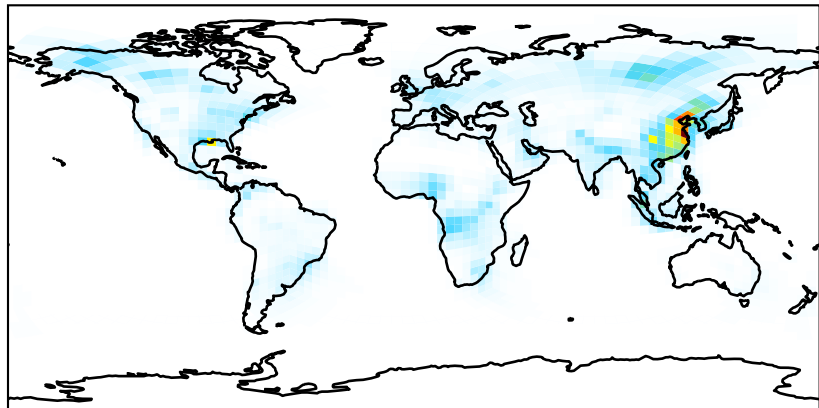


Ratio
Dev/Ref, Fixed Range

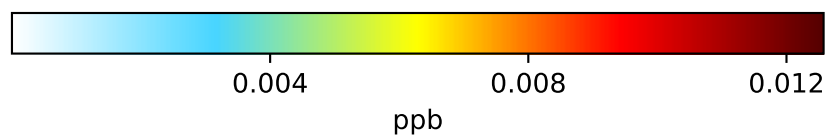
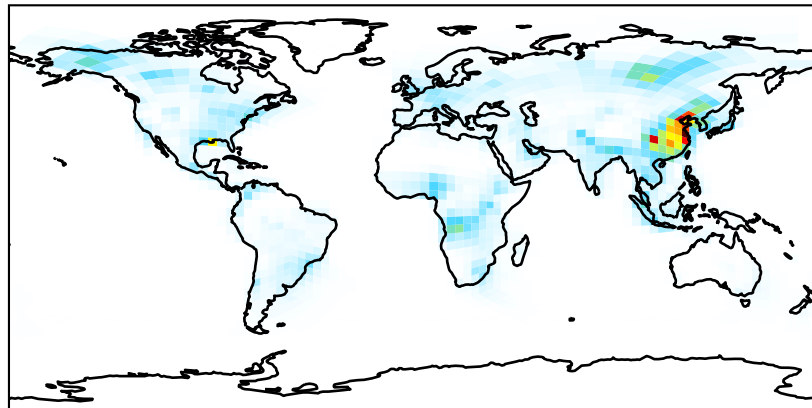


SpeciesConcVV_BALD

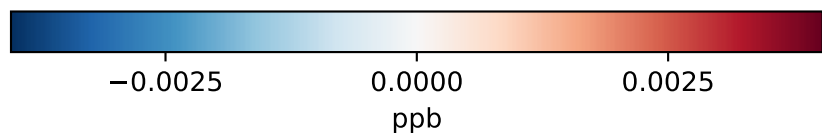
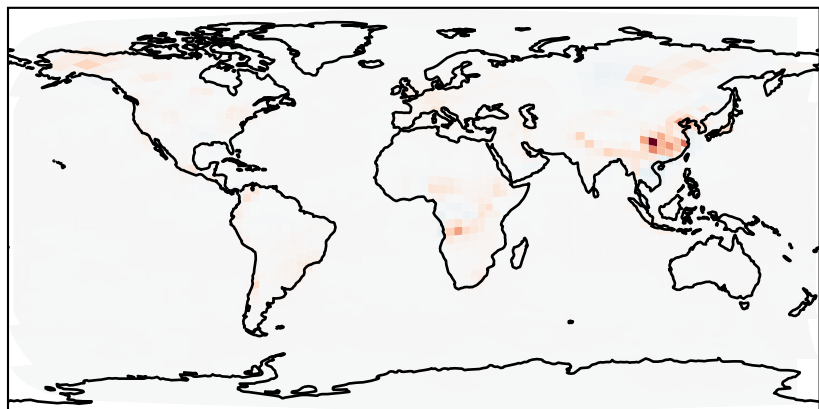
GCHP_14.2.0_MERRA2 (Ref)
c24



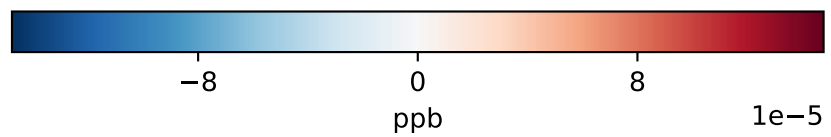
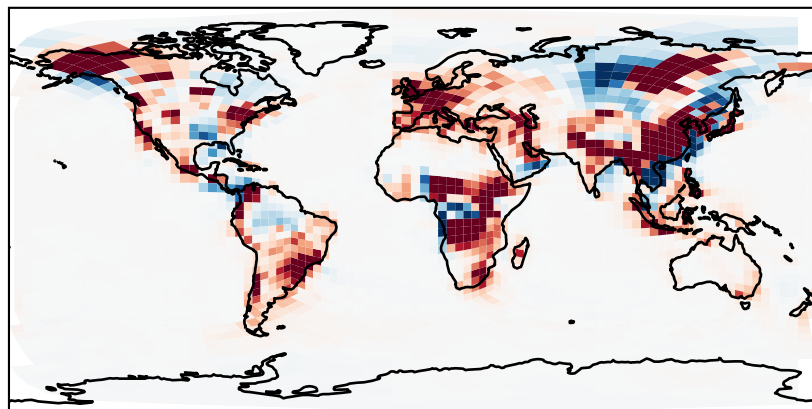
GCHP_14.2.0_GEOS-FP (Dev)
c24



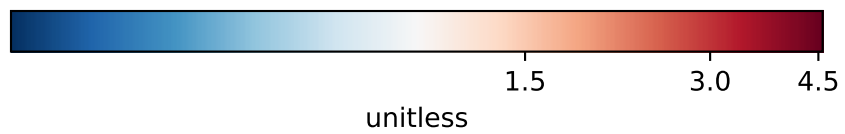
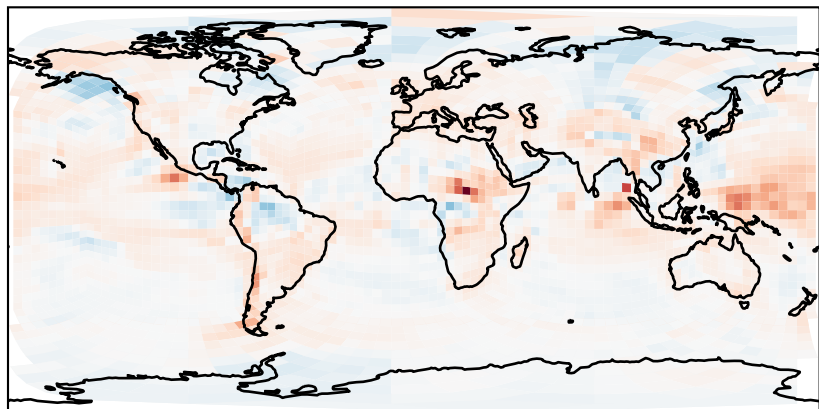
Difference
Dev - Ref, Dynamic Range



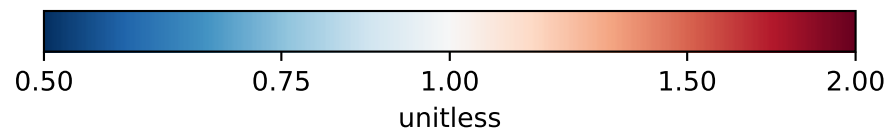
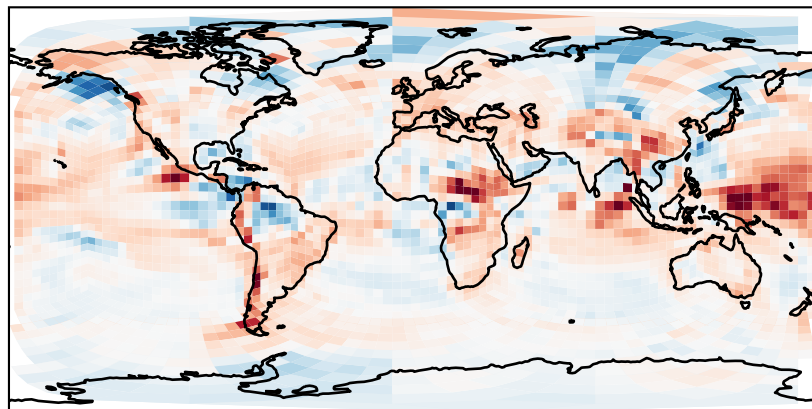
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

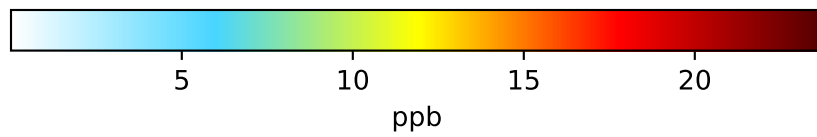
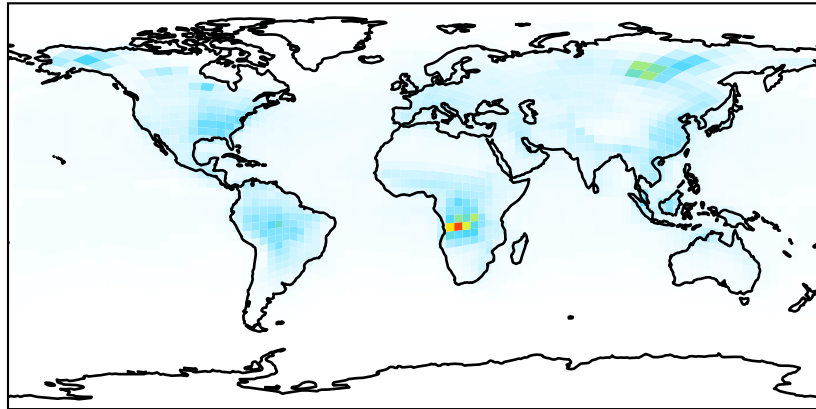


Ratio
Dev/Ref, Fixed Range

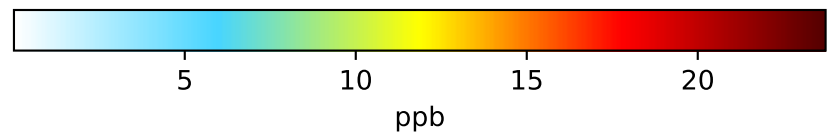
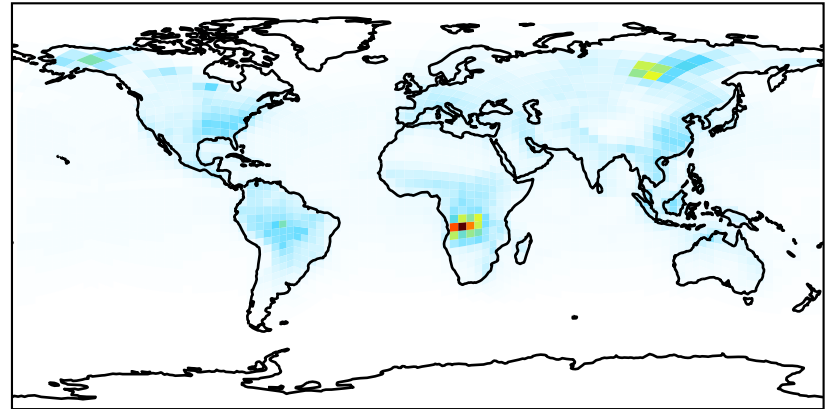


SpeciesConcVV_CH20

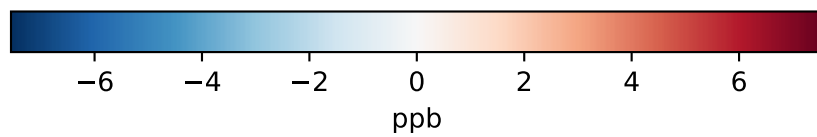
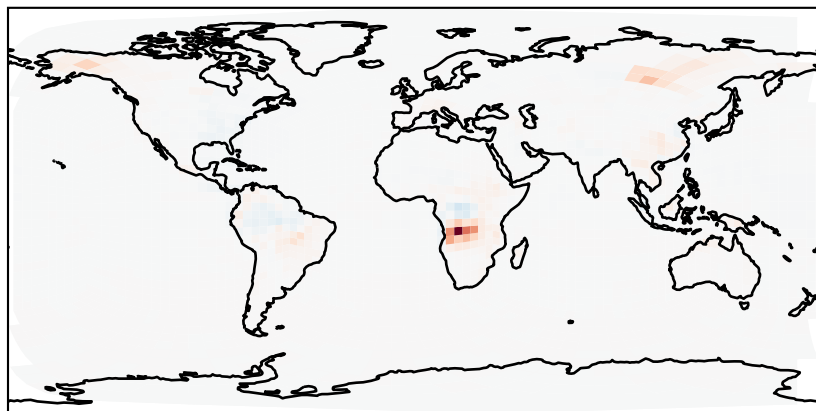
GCHP_14.2.0_MERRA2 (Ref)
c24



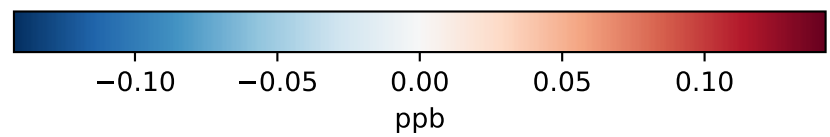
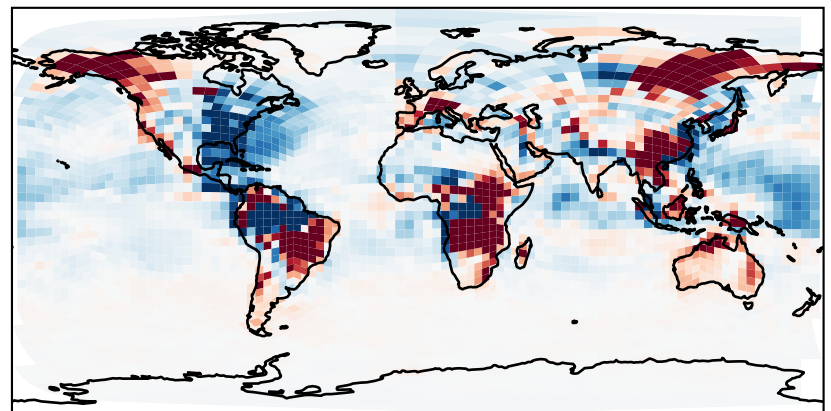
GCHP_14.2.0_GEOS-FP (Dev)
c24



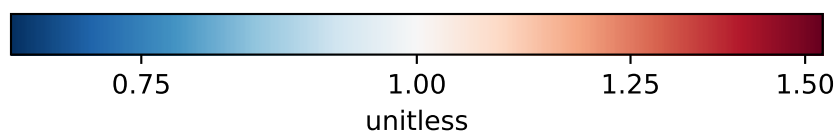
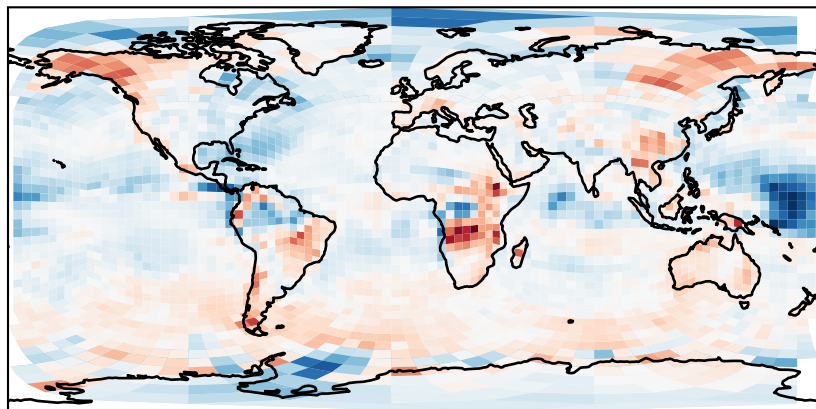
Difference
Dev - Ref, Dynamic Range



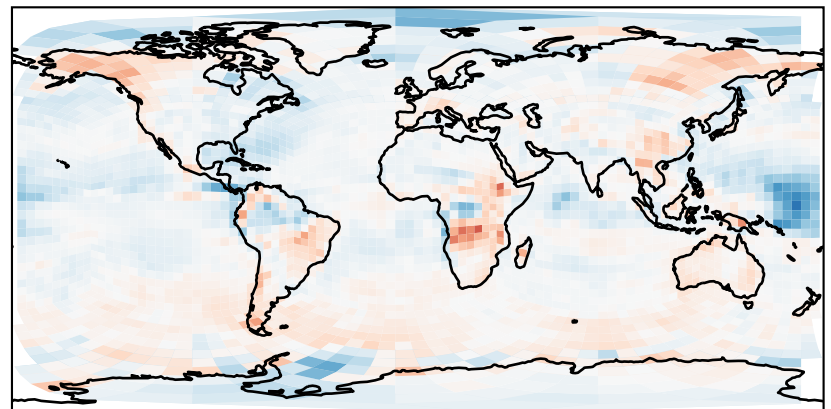
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

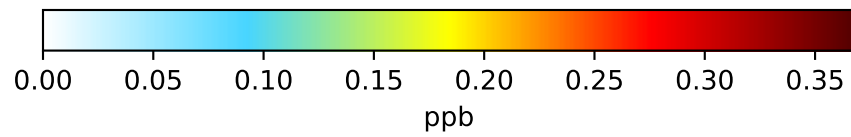
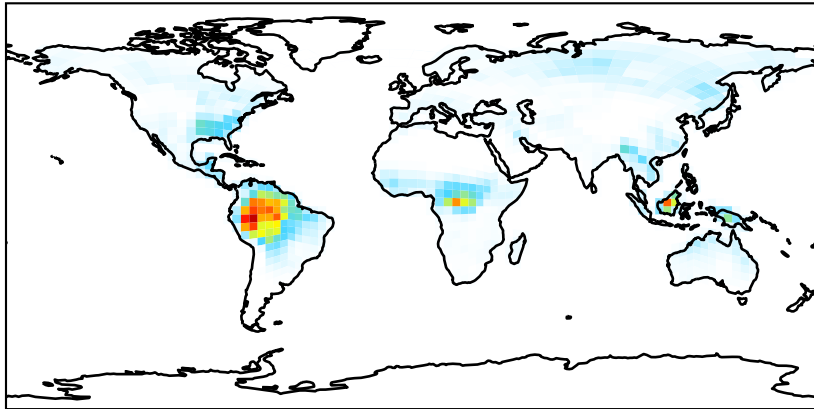


Ratio
Dev/Ref, Fixed Range

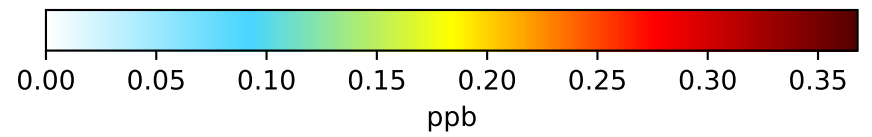
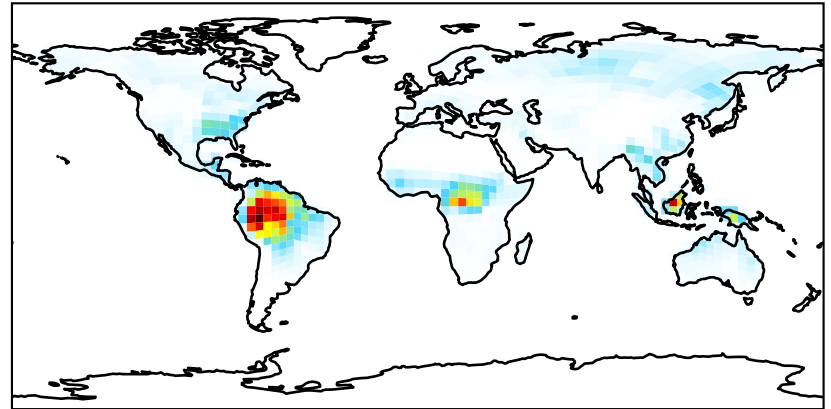


SpeciesConcVV_HPALDs

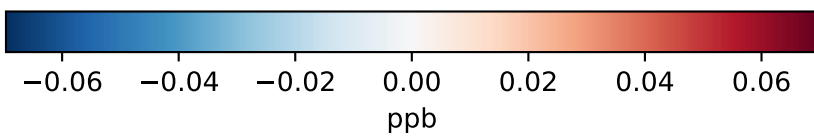
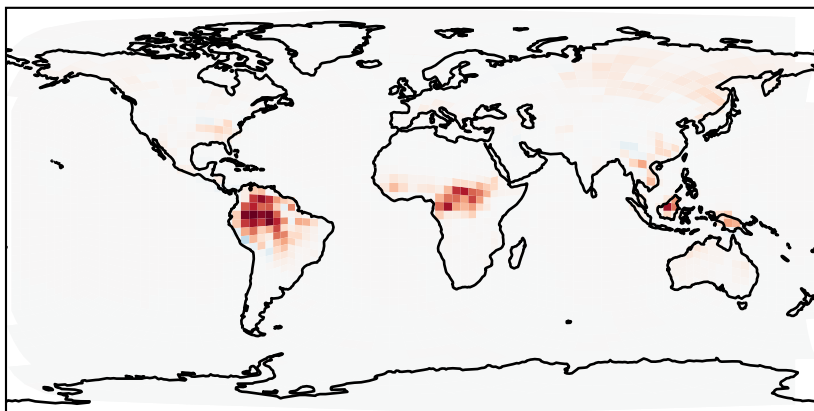
GCHP_14.2.0_MERRA2 (Ref)
c24



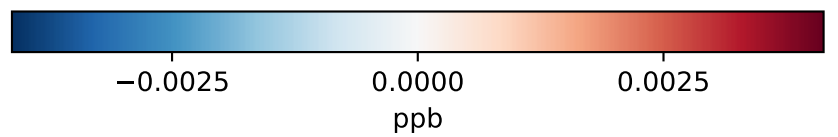
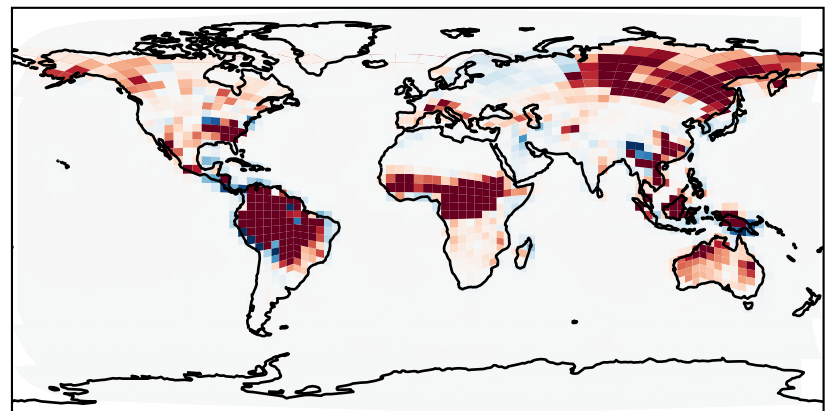
GCHP_14.2.0_GEOS-FP (Dev)
c24



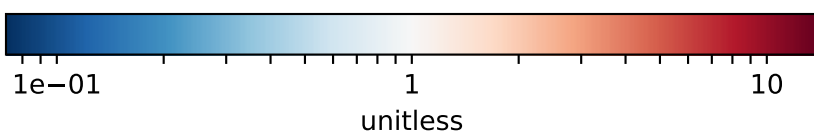
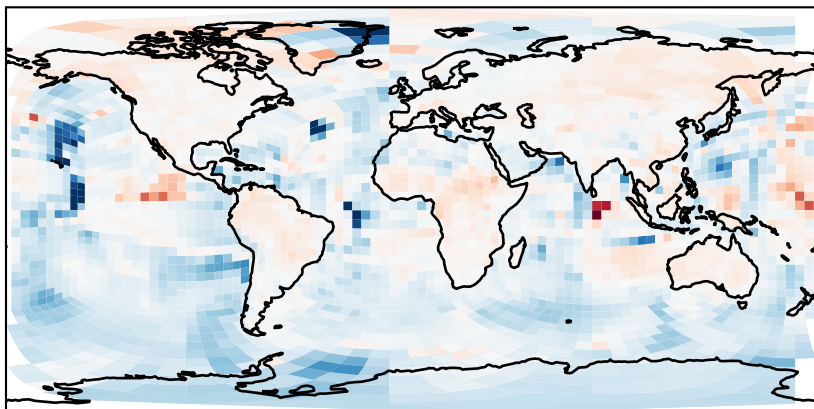
Difference
Dev - Ref, Dynamic Range



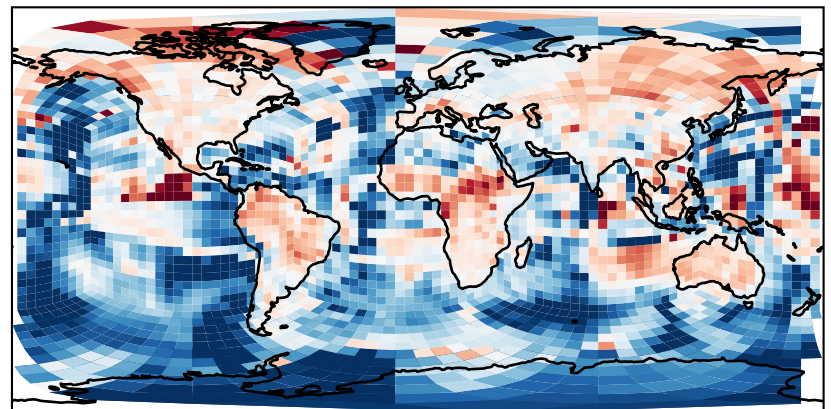
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

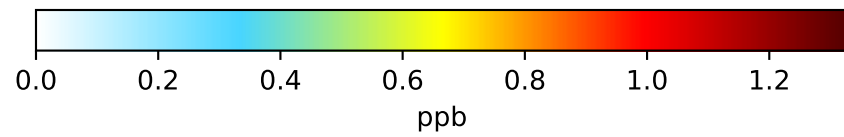
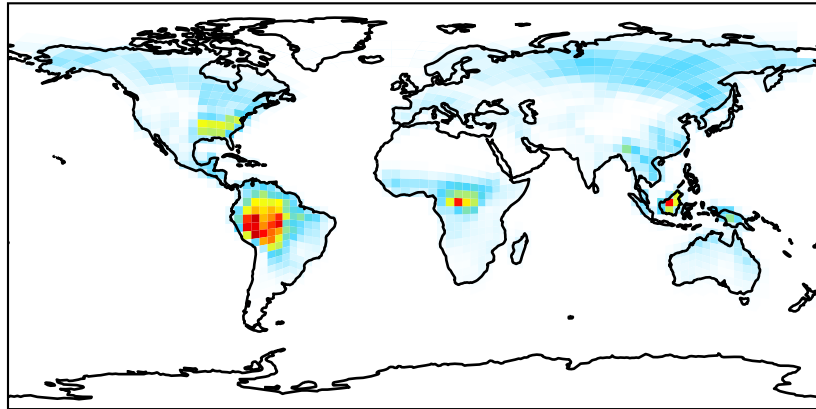


Ratio
Dev/Ref, Fixed Range

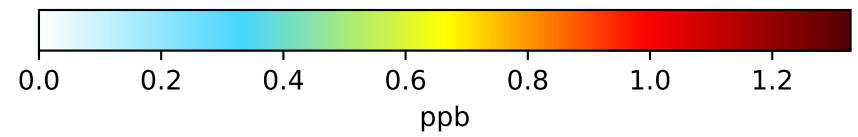
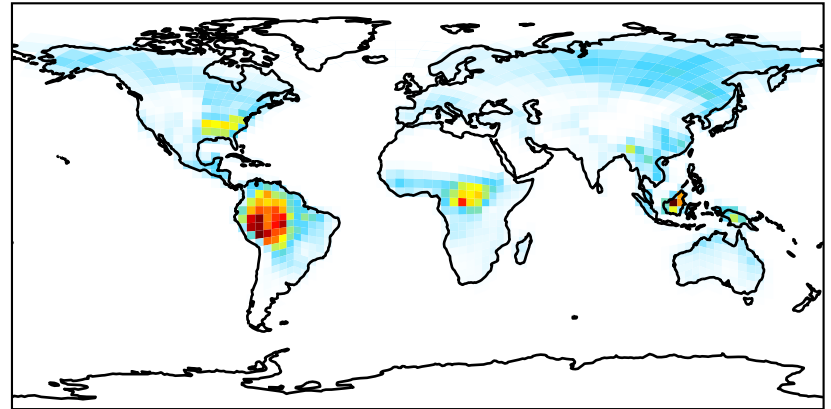


SpeciesConcVV_MACR

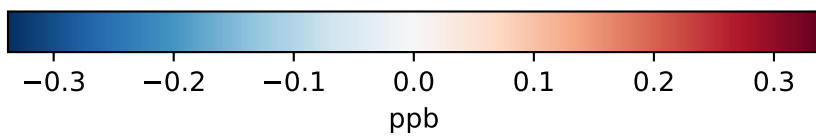
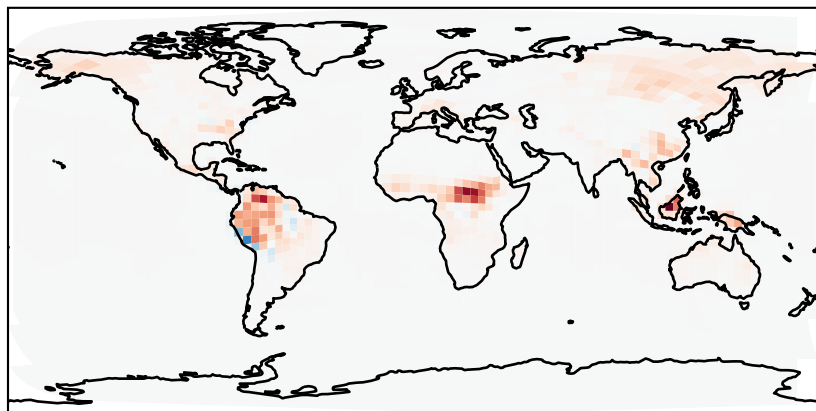
GCHP_14.2.0_MERRA2 (Ref)
c24



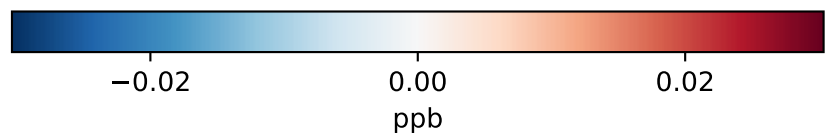
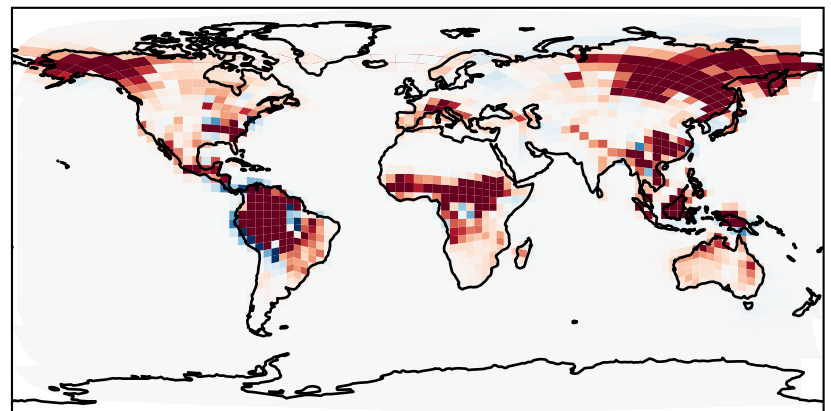
GCHP_14.2.0_GEOS-FP (Dev)
c24



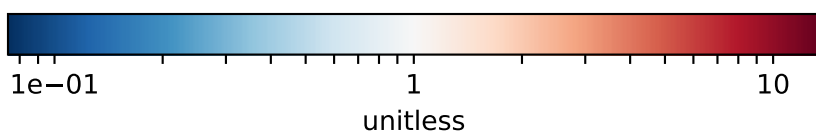
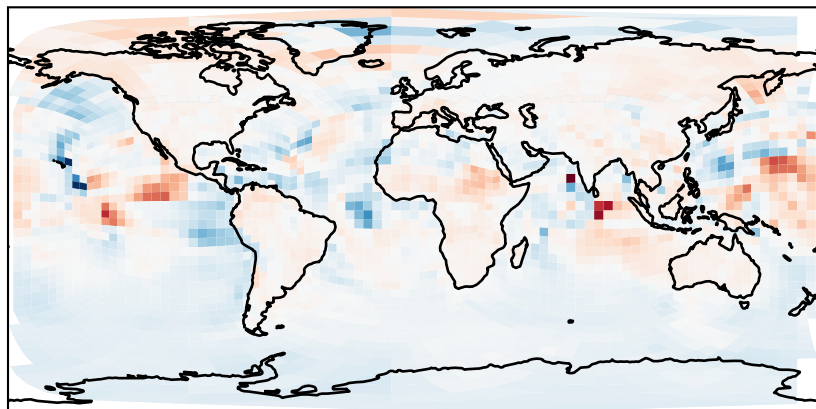
Difference
Dev - Ref, Dynamic Range



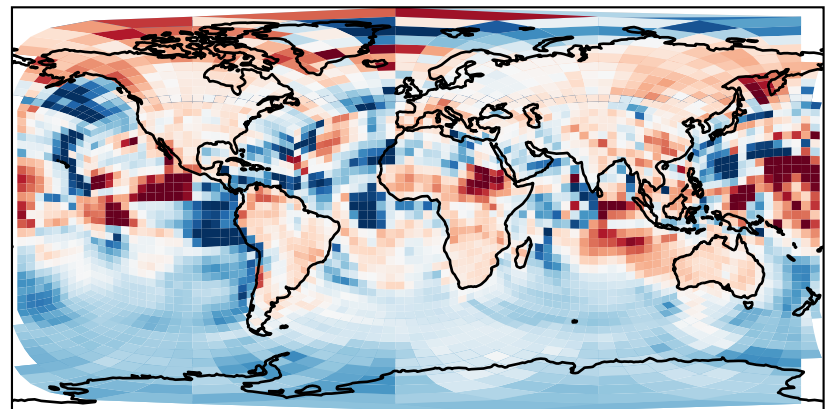
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

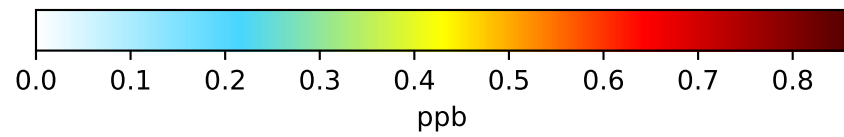
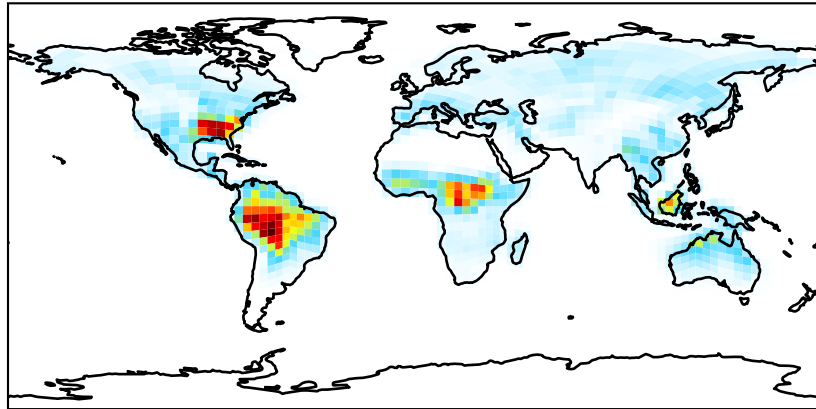


Ratio
Dev/Ref, Fixed Range

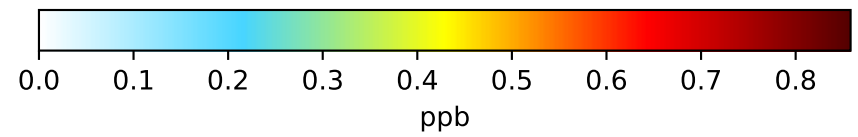
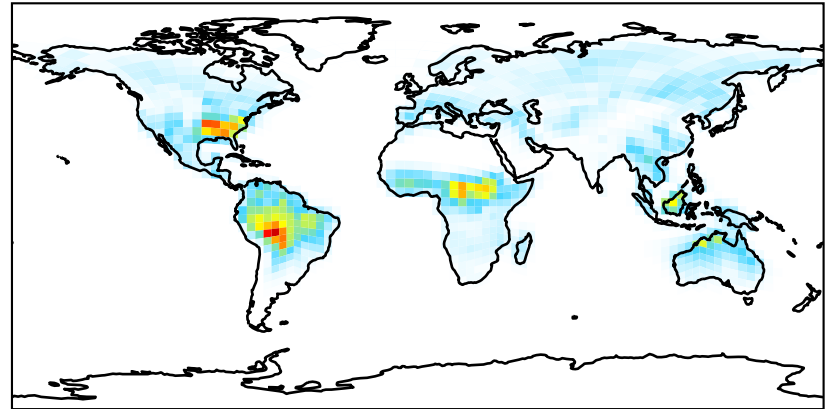


SpeciesConcVV_IEPOX

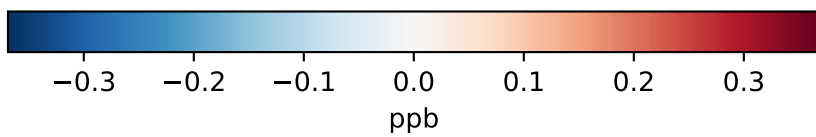
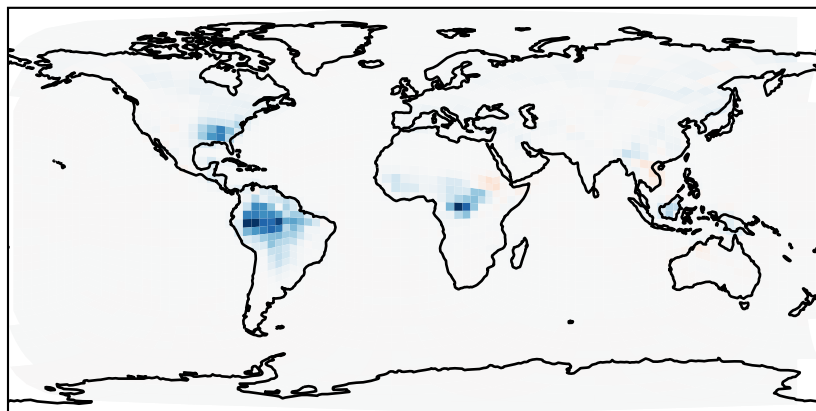
GCHP_14.2.0_MERRA2 (Ref)
c24



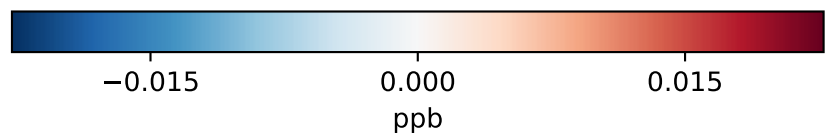
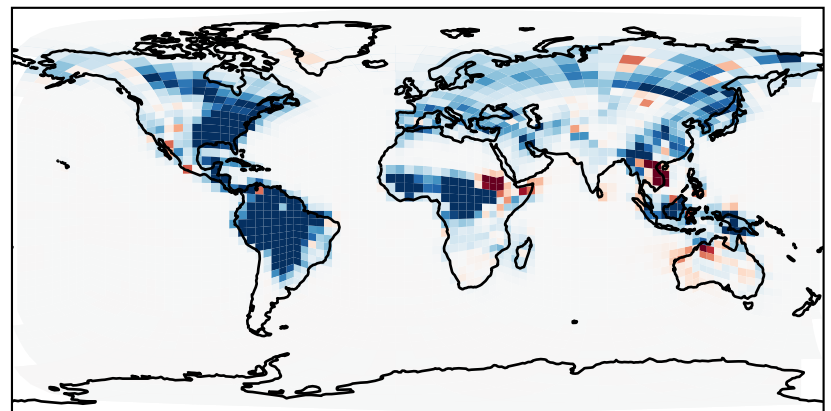
GCHP_14.2.0_GEOS-FP (Dev)
c24



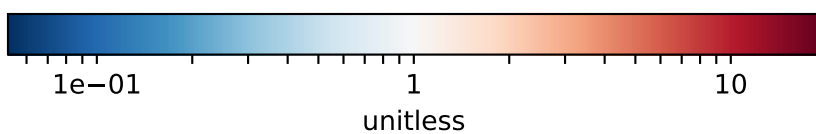
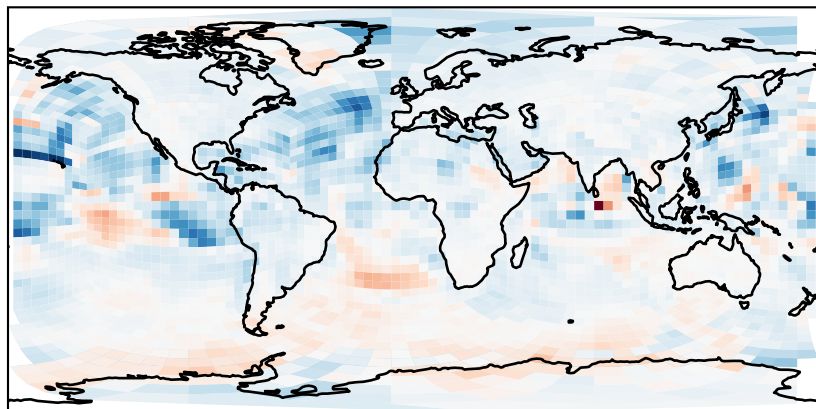
Difference
Dev - Ref, Dynamic Range



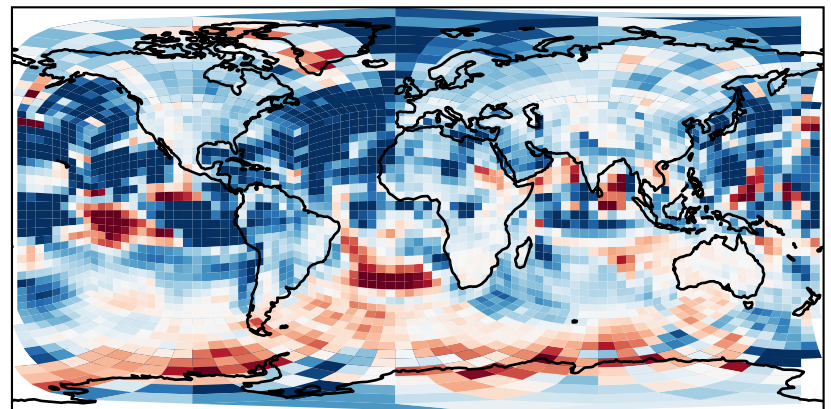
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

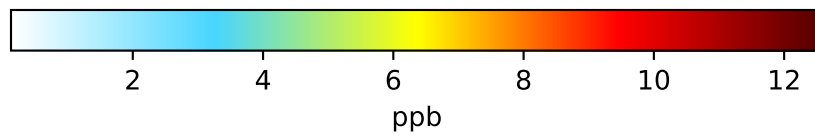
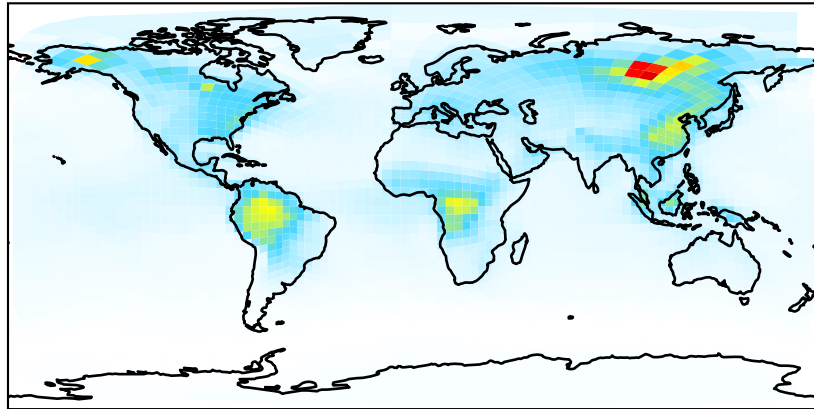


Ratio
Dev/Ref, Fixed Range

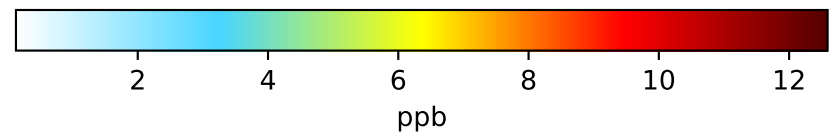
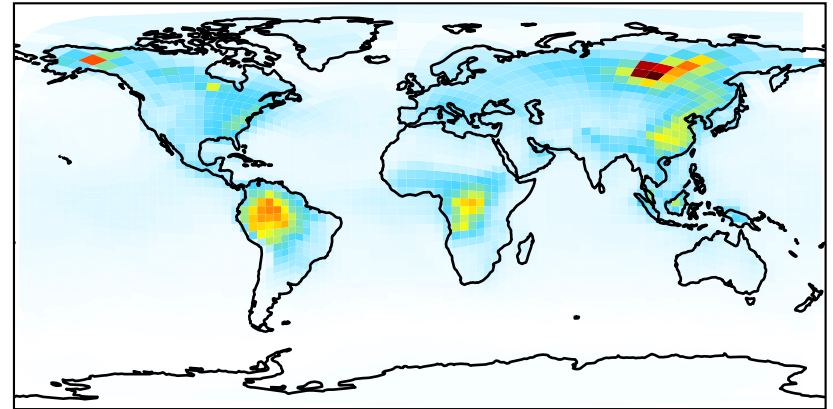


SpeciesConcVV_ACET

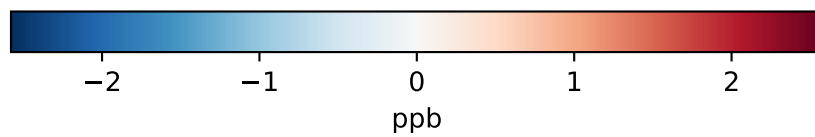
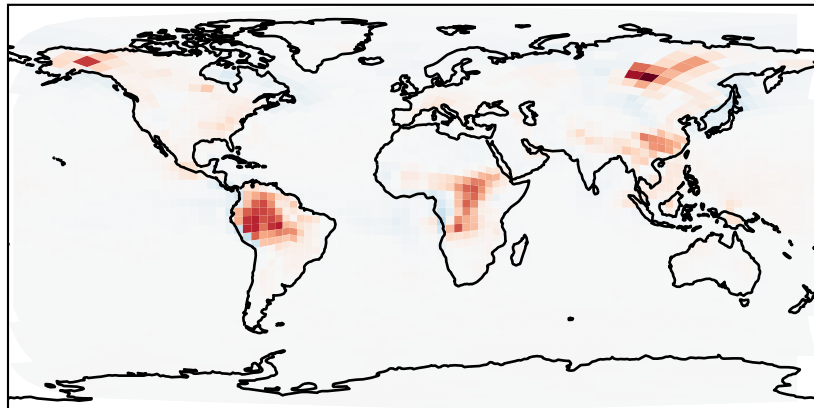
GCHP_14.2.0_MERRA2 (Ref)
c24



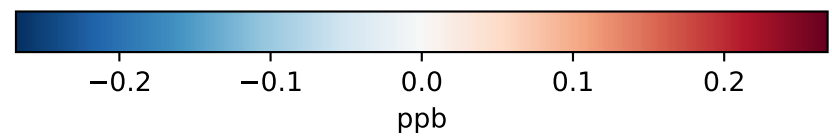
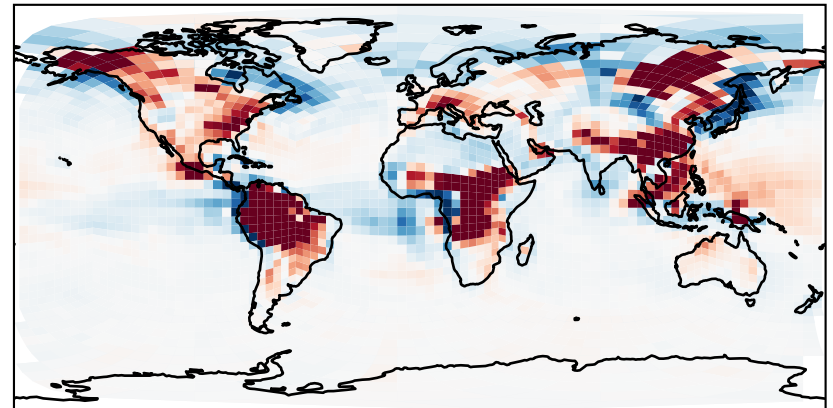
GCHP_14.2.0_GEOS-FP (Dev)
c24



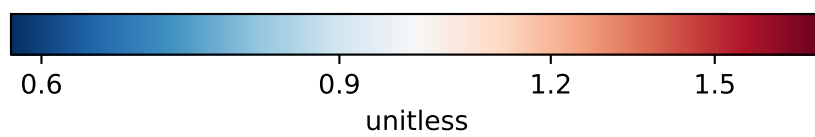
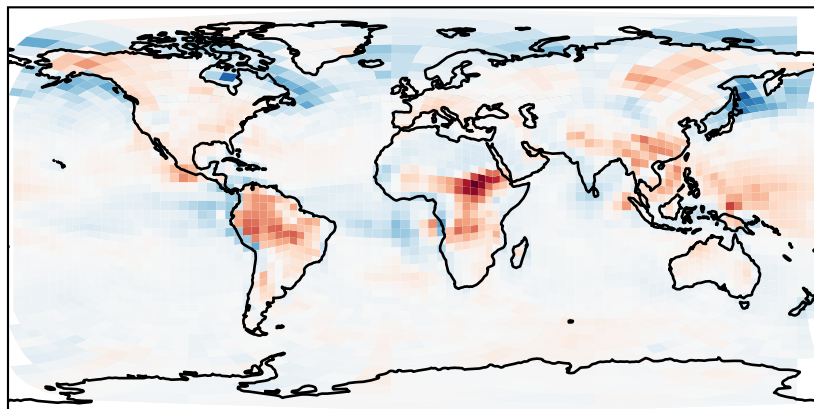
Difference
Dev - Ref, Dynamic Range



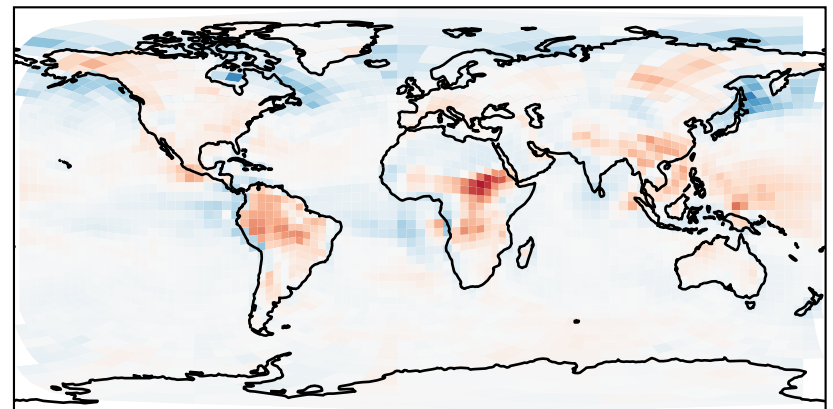
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

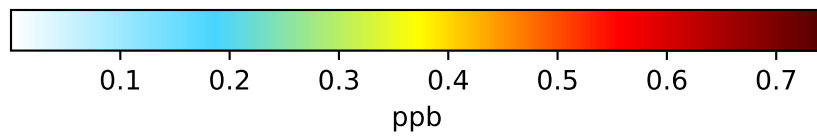
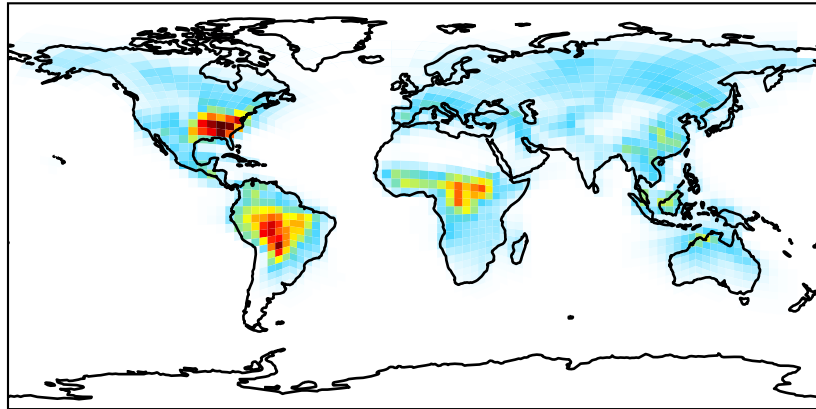


Ratio
Dev/Ref, Fixed Range

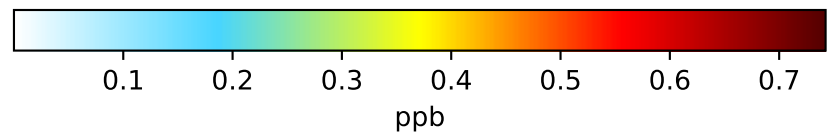
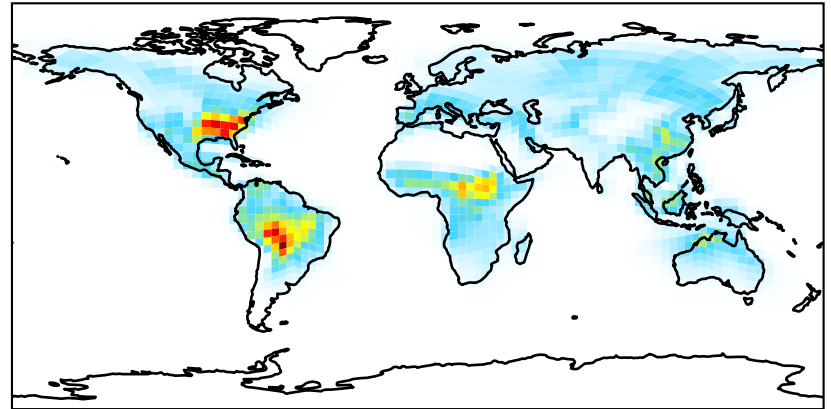


SpeciesConcVV_HAC

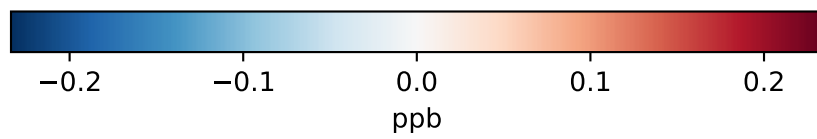
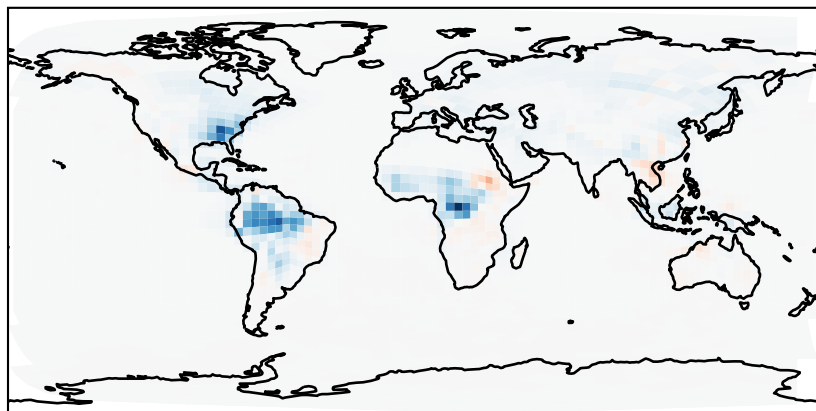
GCHP_14.2.0_MERRA2 (Ref)
c24



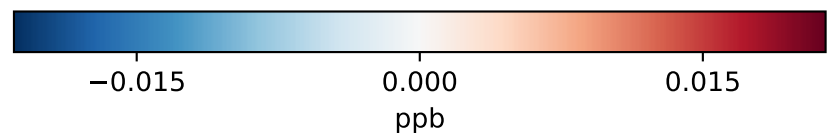
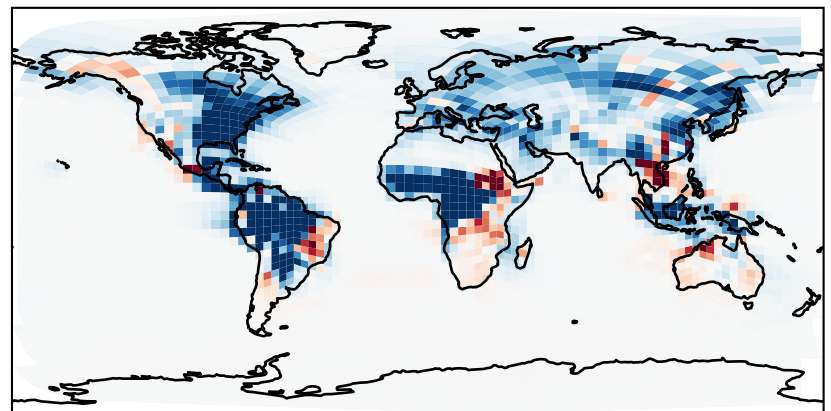
GCHP_14.2.0_GEOS-FP (Dev)
c24



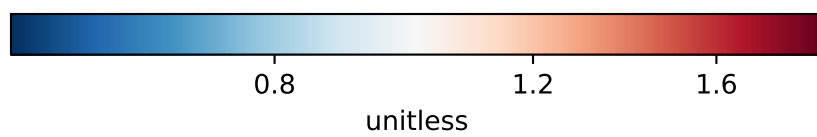
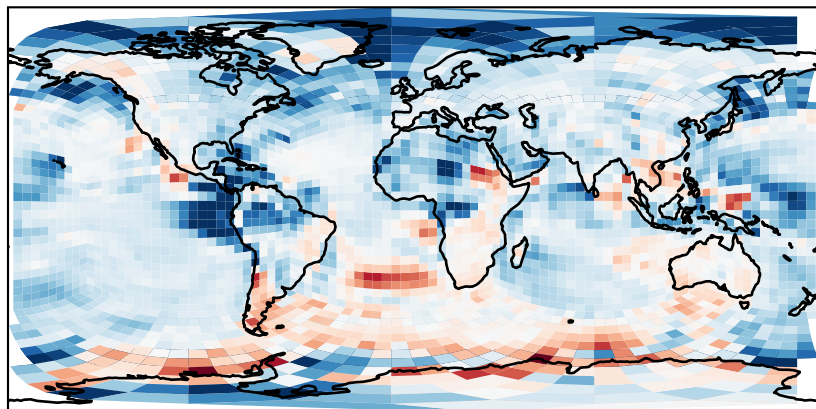
Difference
Dev - Ref, Dynamic Range



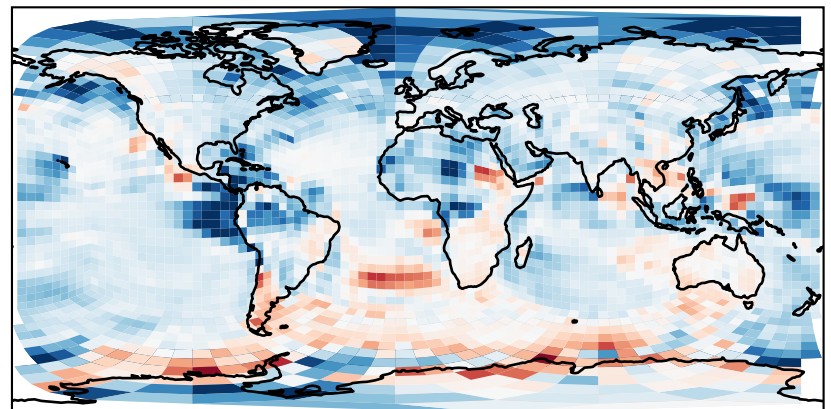
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

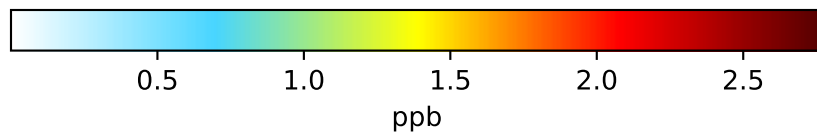
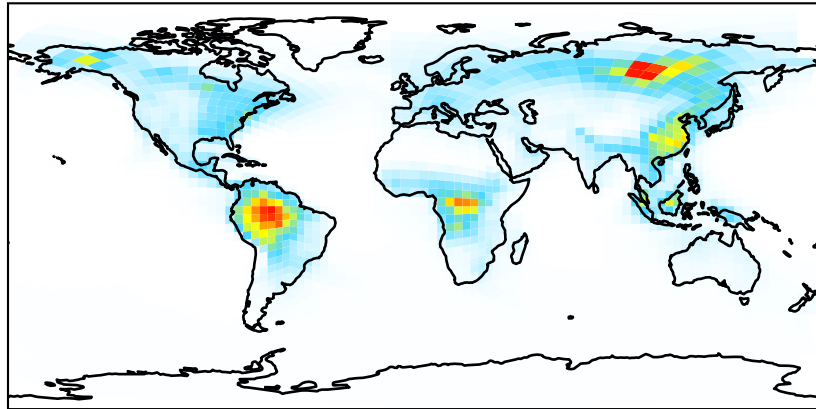


Ratio
Dev/Ref, Fixed Range

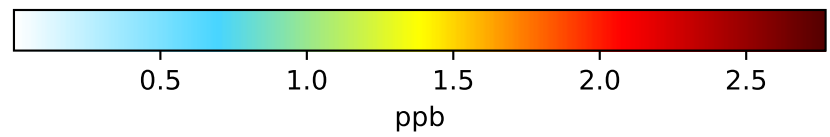
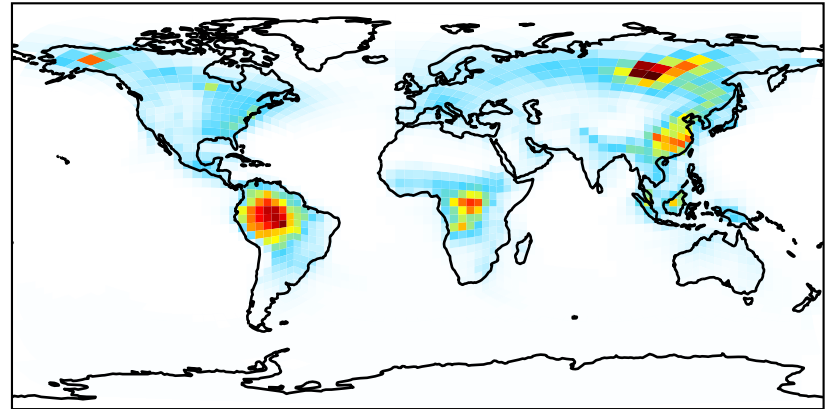


SpeciesConcVV_MEK

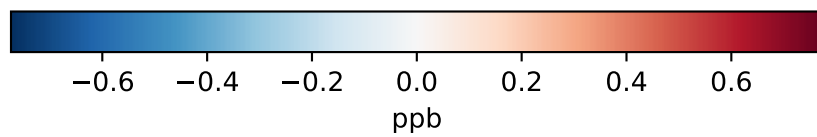
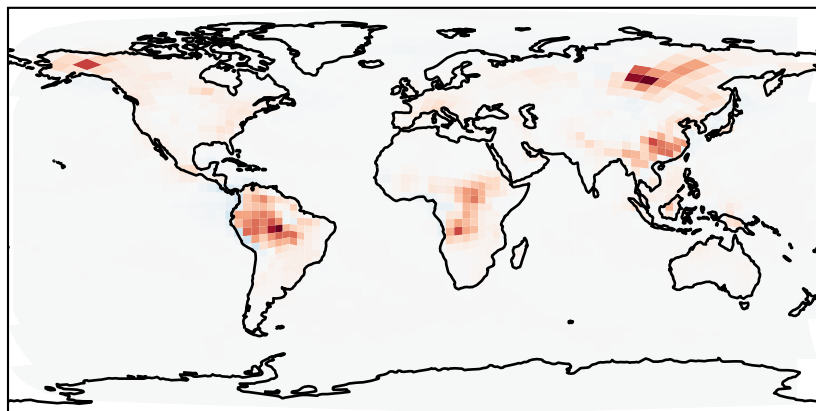
GCHP_14.2.0_MERRA2 (Ref)
c24



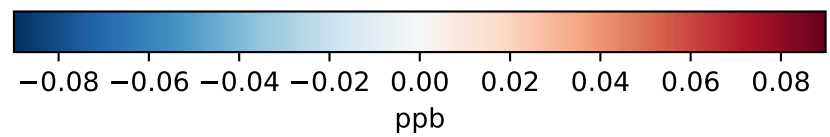
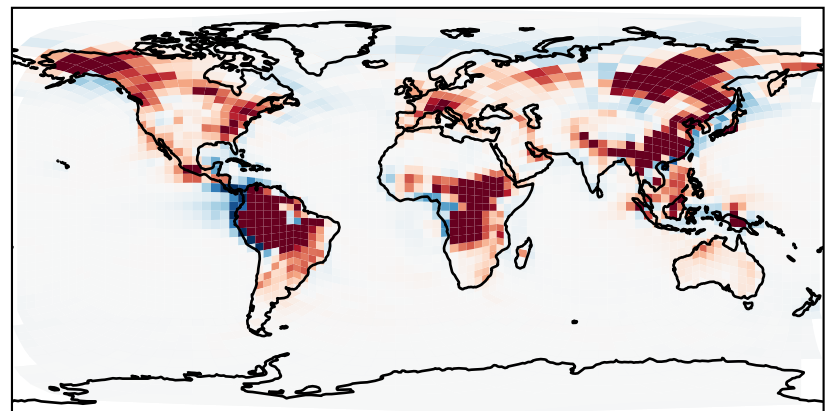
GCHP_14.2.0_GEOS-FP (Dev)
c24



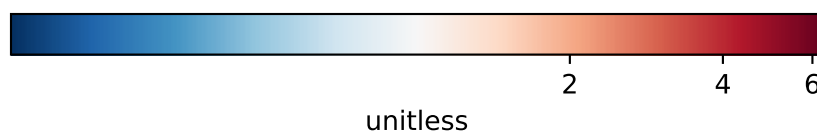
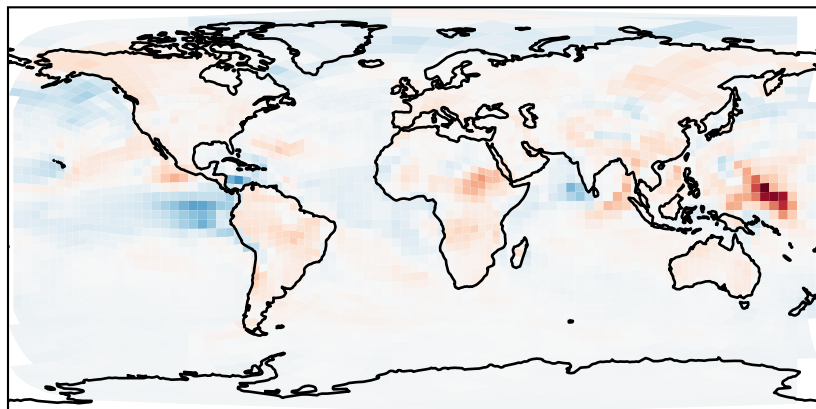
Difference
Dev - Ref, Dynamic Range



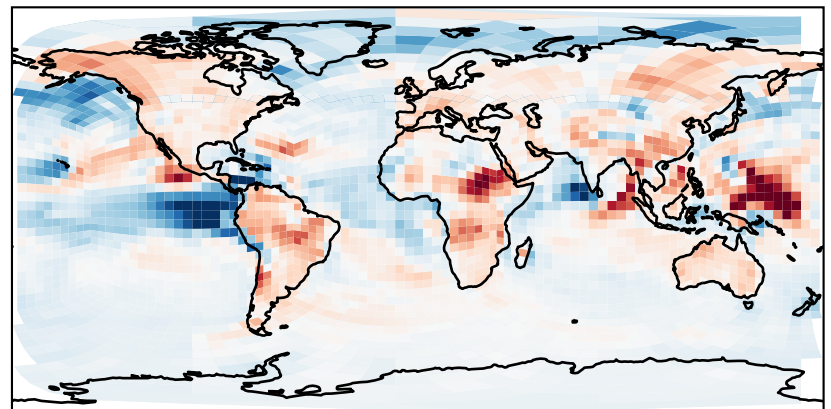
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

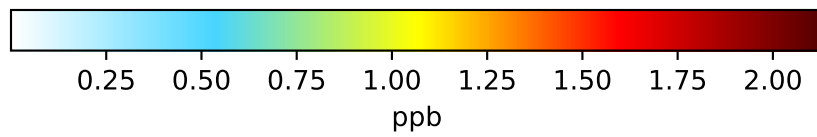
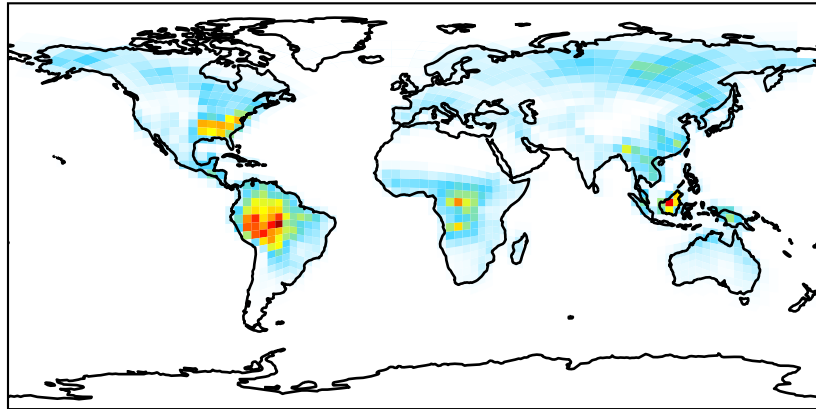


Ratio
Dev/Ref, Fixed Range

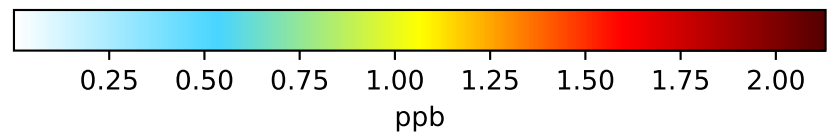
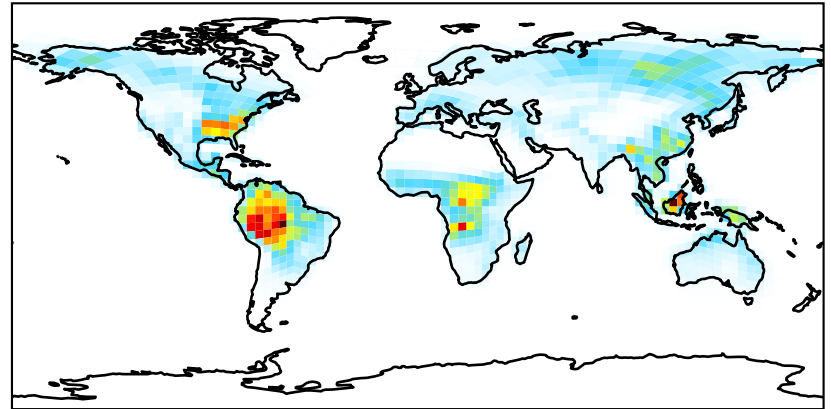


SpeciesConcVV_MVK

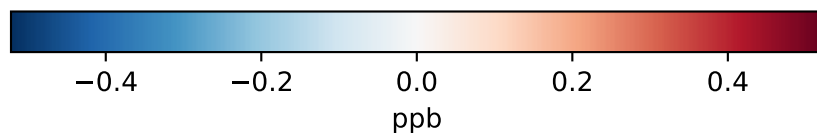
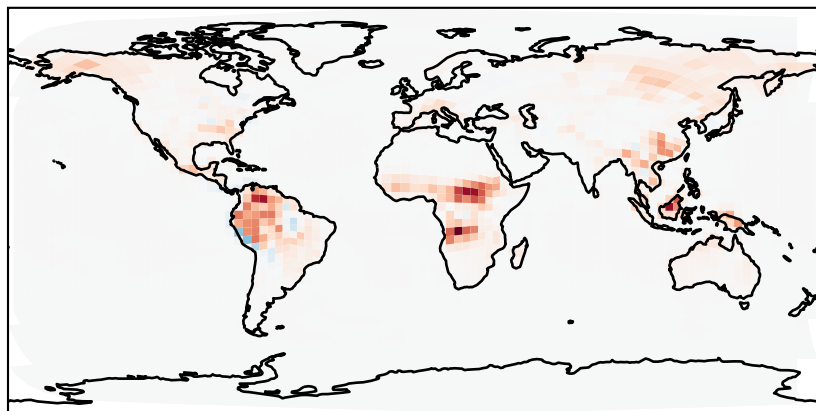
GCHP_14.2.0_MERRA2 (Ref)
c24



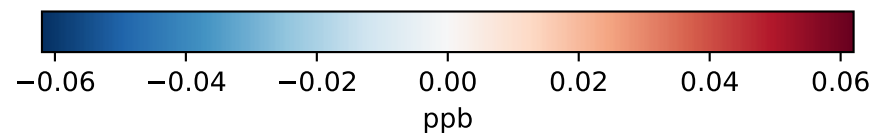
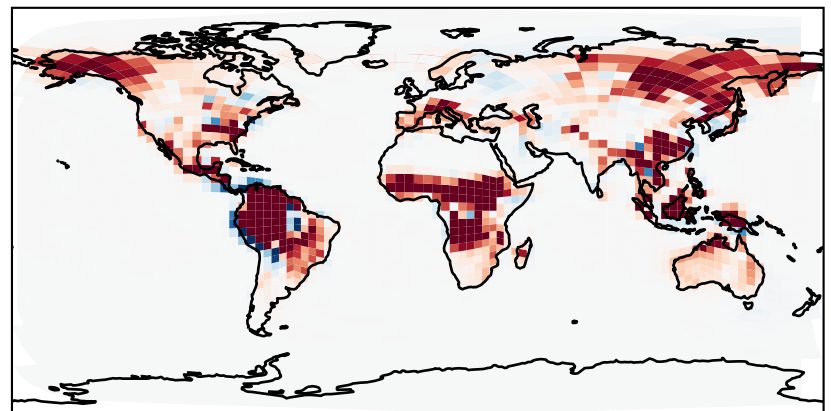
GCHP_14.2.0_GEOS-FP (Dev)
c24



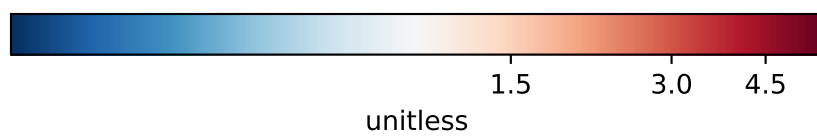
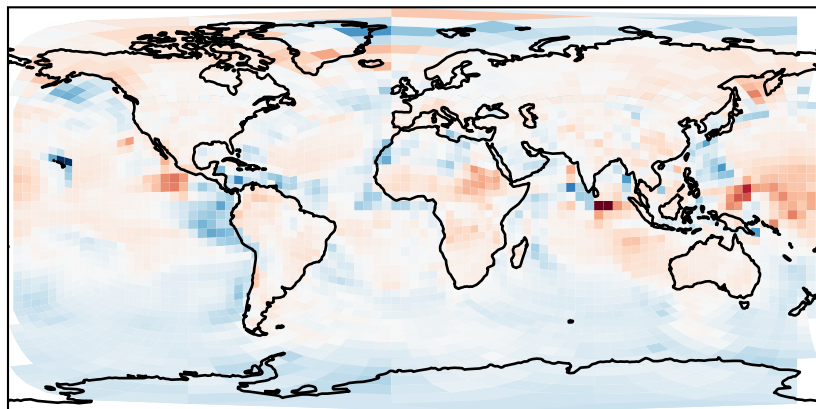
Difference
Dev - Ref, Dynamic Range



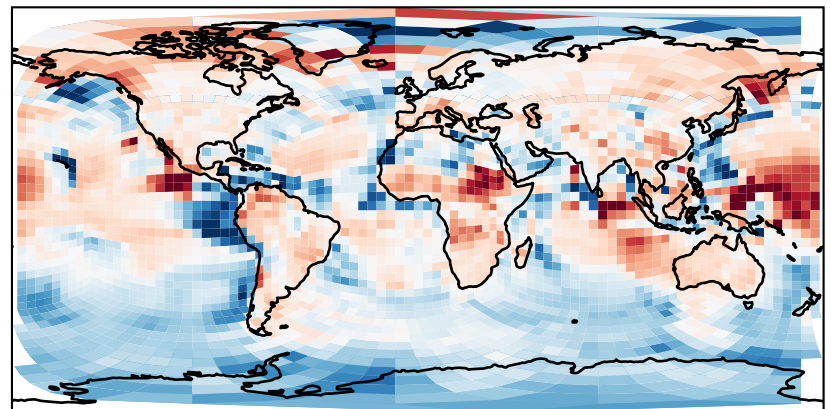
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

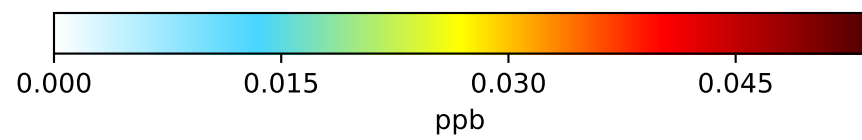
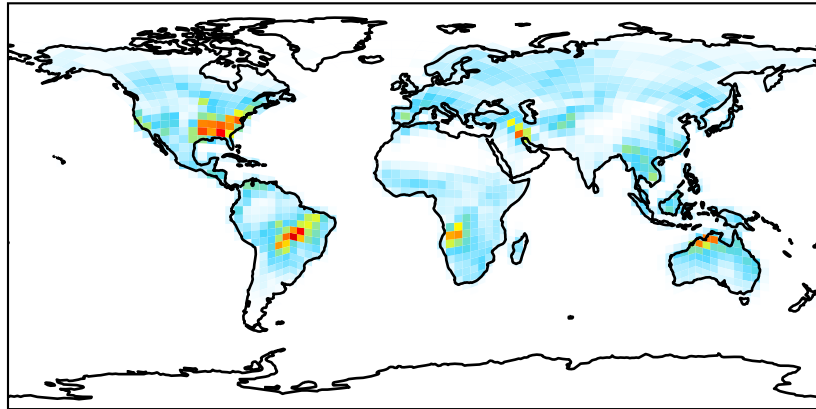


Ratio
Dev/Ref, Fixed Range

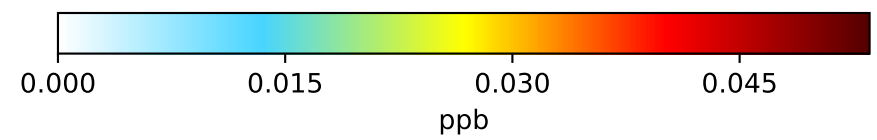
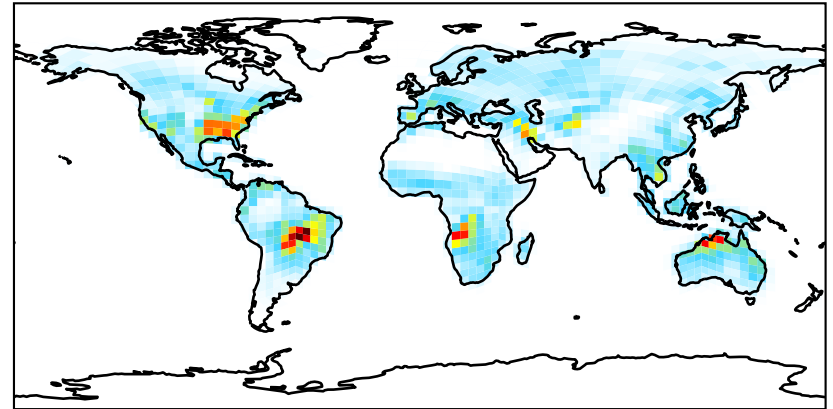


SpeciesConcVV_ISOPN

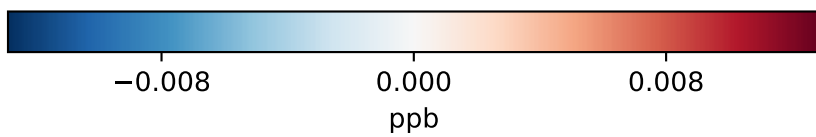
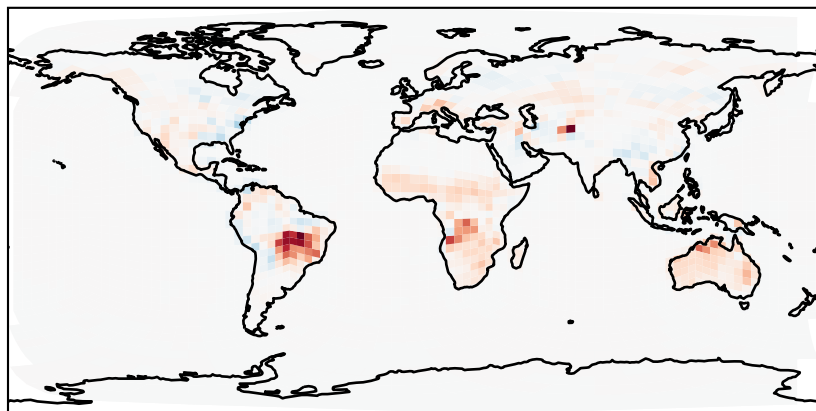
GCHP_14.2.0_MERRA2 (Ref)
c24



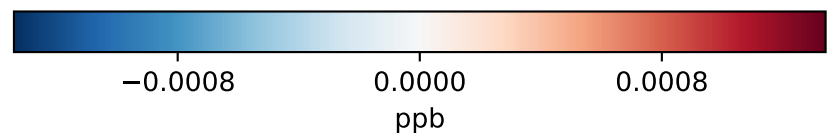
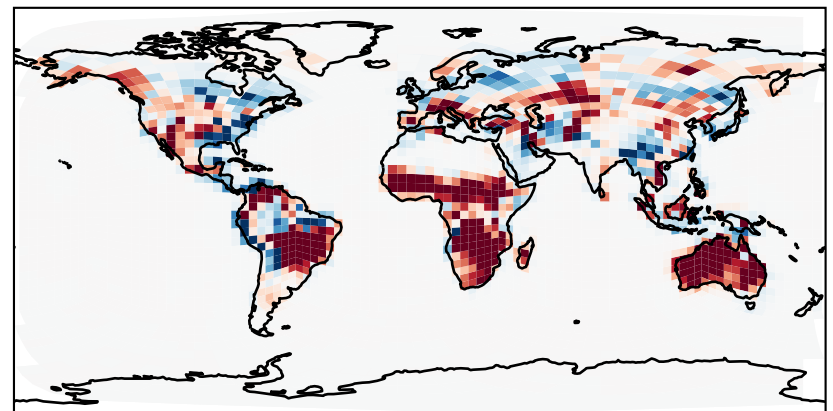
GCHP_14.2.0_GEOS-FP (Dev)
c24



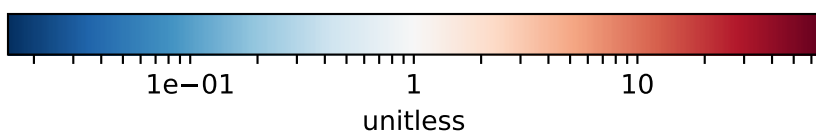
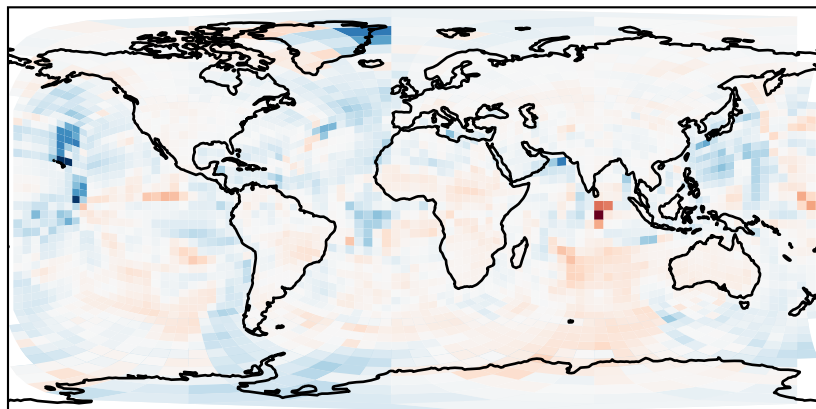
Difference
Dev - Ref, Dynamic Range



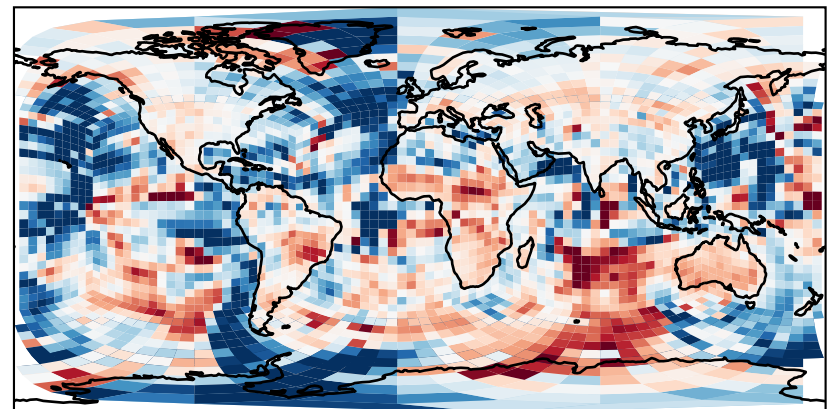
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

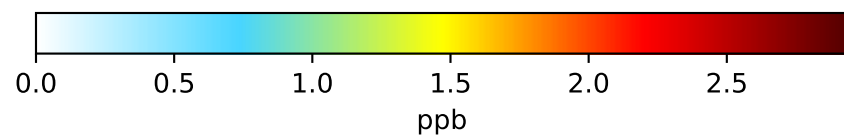
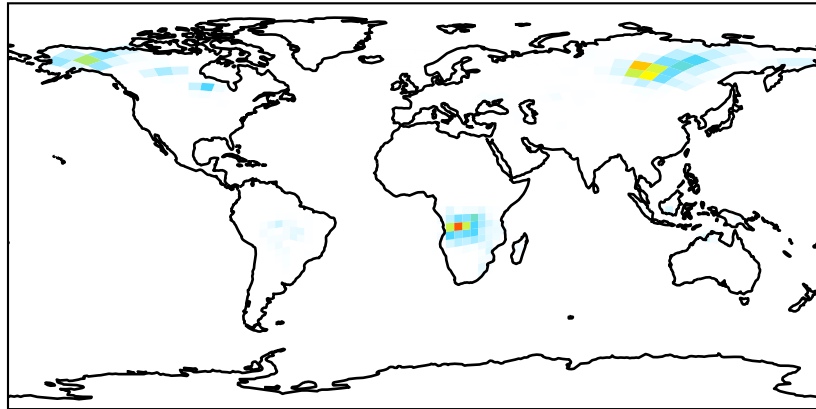


Ratio
Dev/Ref, Fixed Range

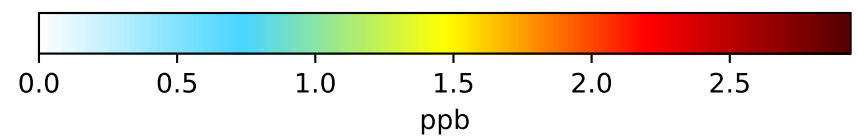
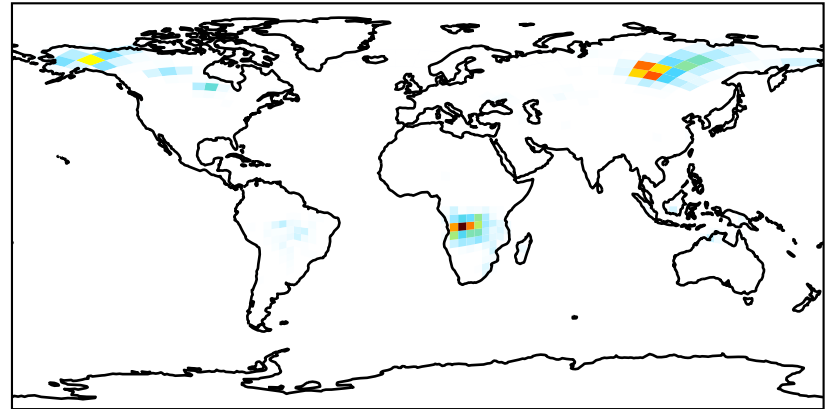


SpeciesConcVV_FURA

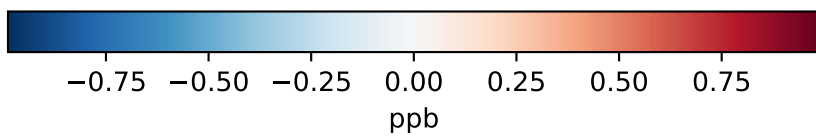
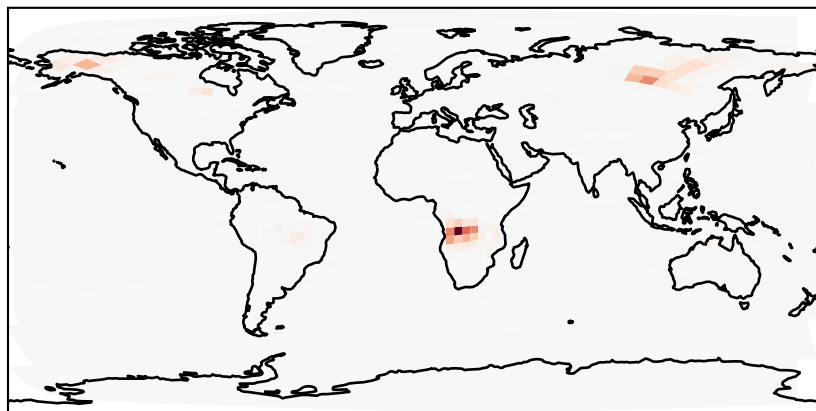
GCHP_14.2.0_MERRA2 (Ref)
c24



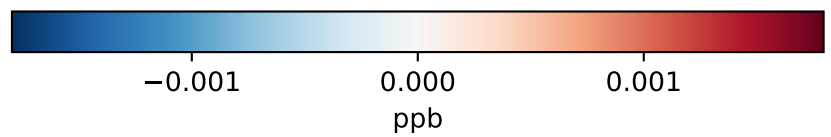
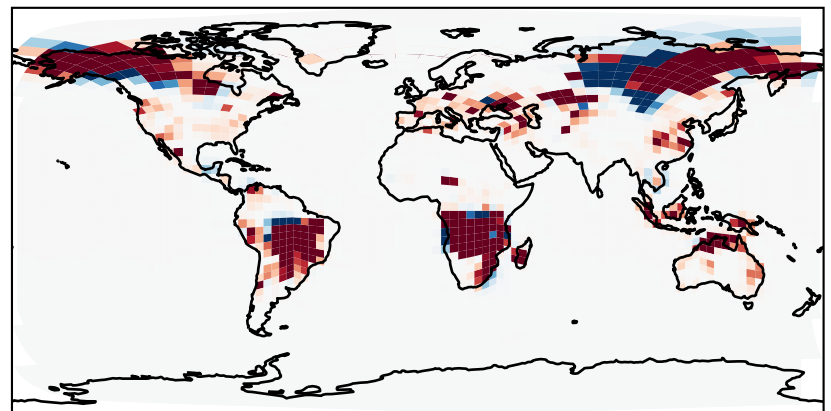
GCHP_14.2.0_GEOS-FP (Dev)
c24



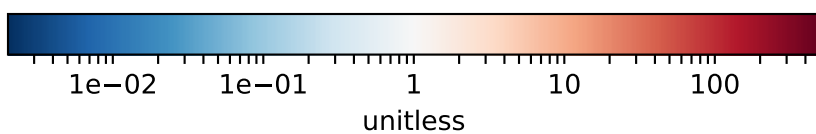
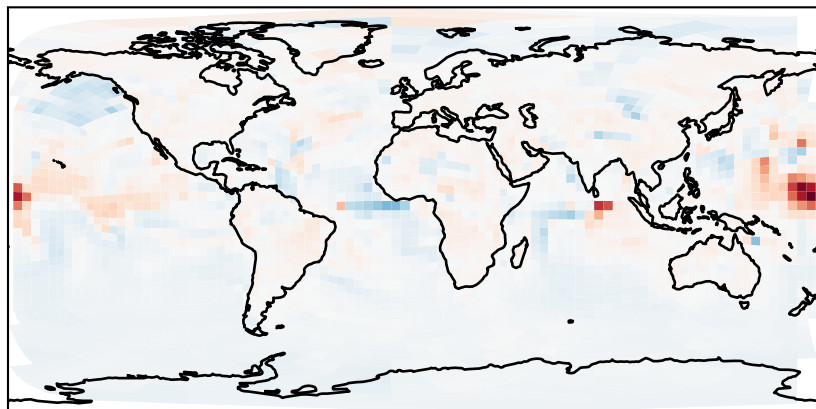
Difference
Dev - Ref, Dynamic Range



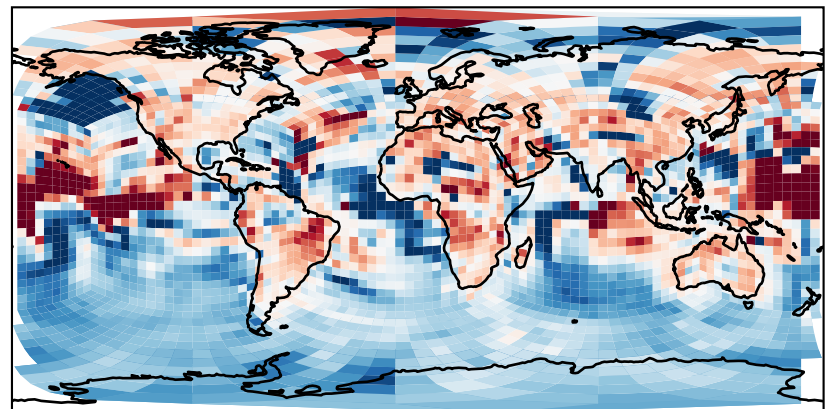
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

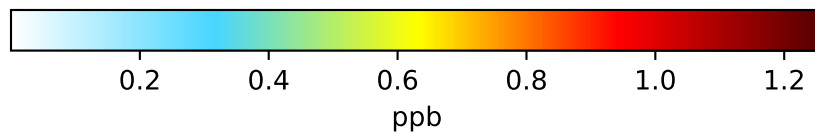
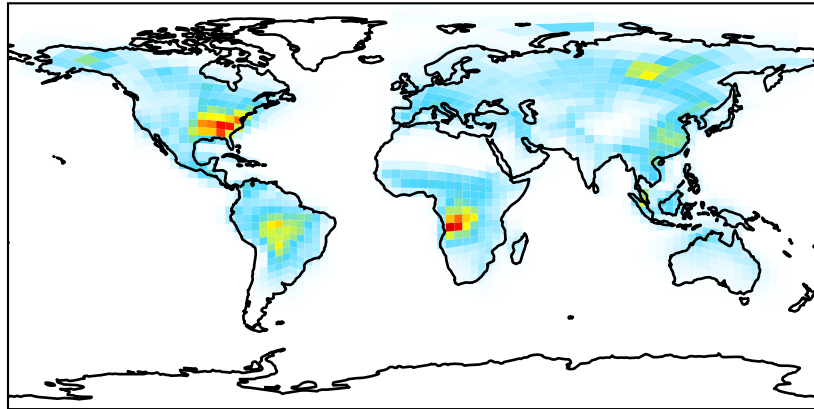


Ratio
Dev/Ref, Fixed Range

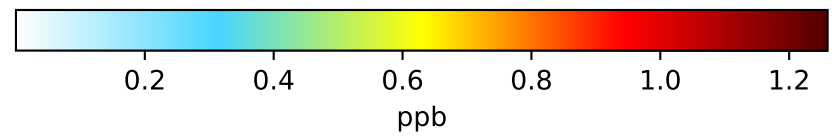
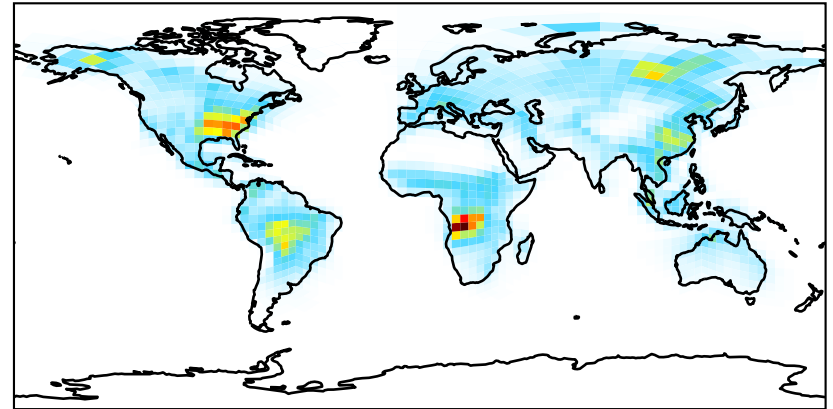


SpeciesConcVV_GLYC

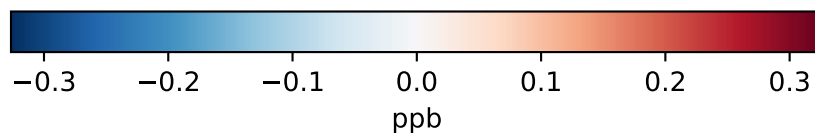
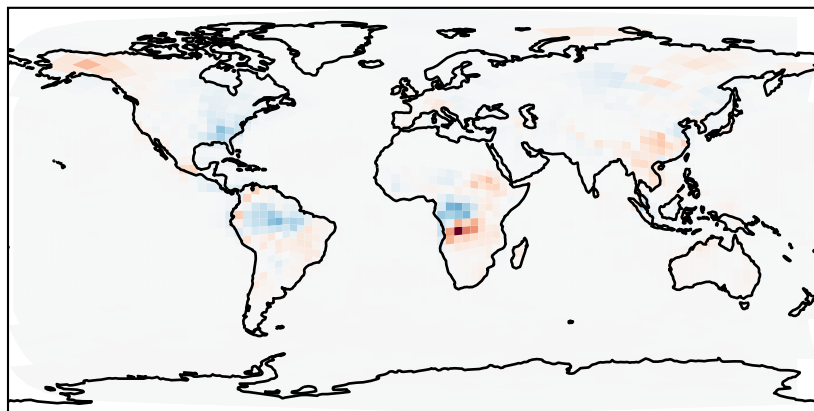
GCHP_14.2.0_MERRA2 (Ref)
c24



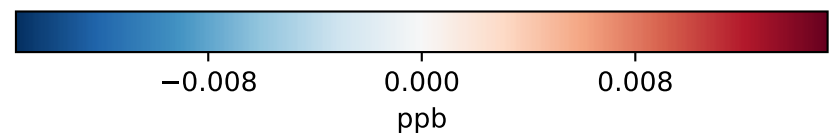
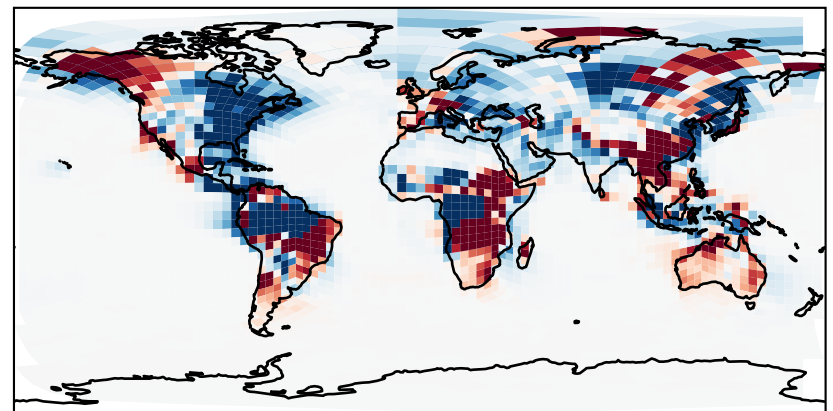
GCHP_14.2.0_GEOS-FP (Dev)
c24



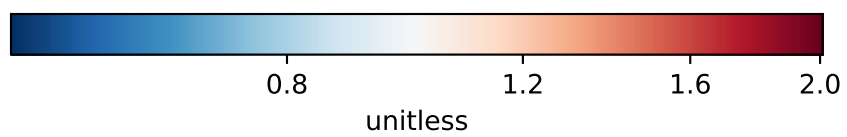
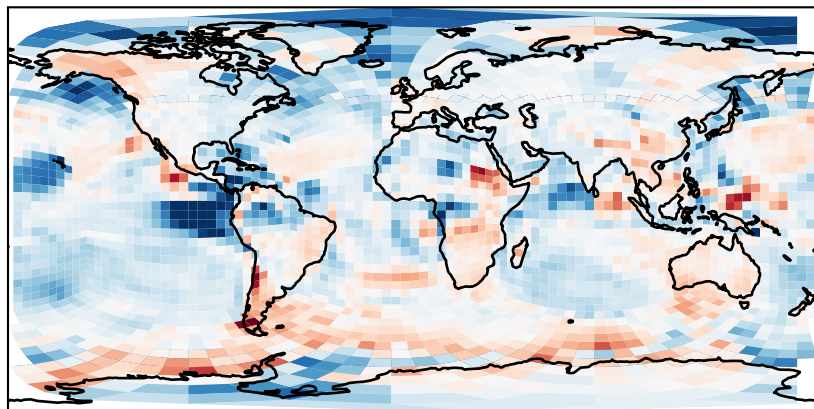
Difference
Dev - Ref, Dynamic Range



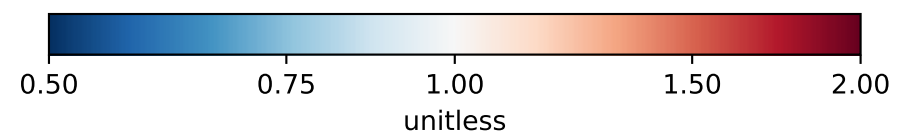
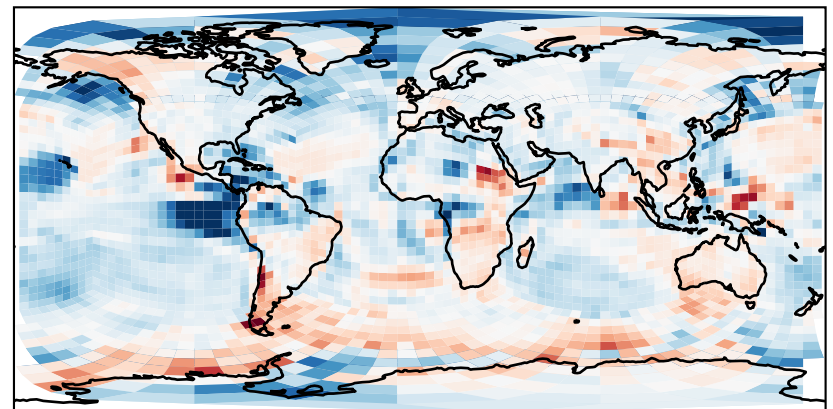
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

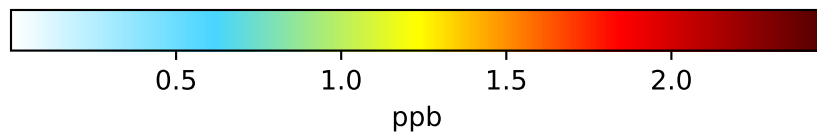
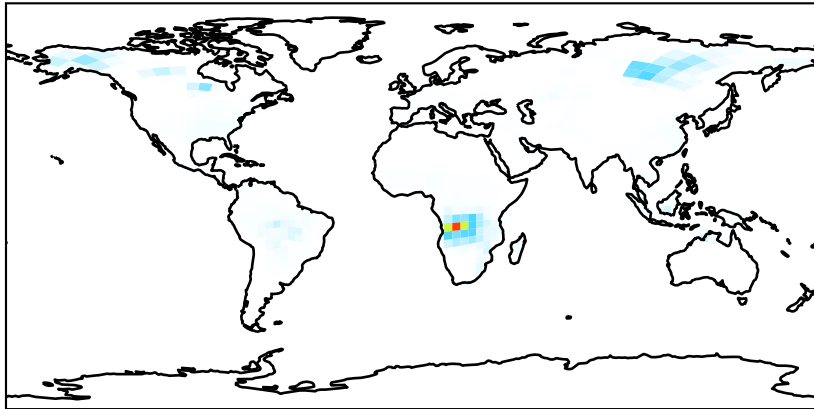


Ratio
Dev/Ref, Fixed Range

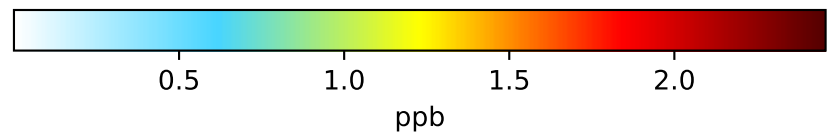
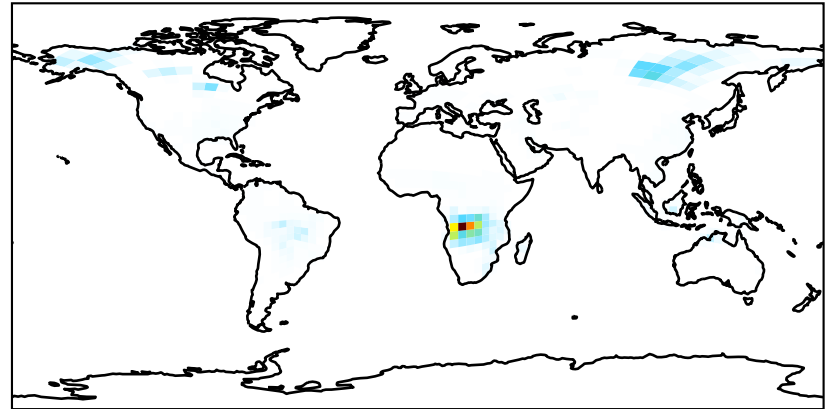


SpeciesConcVV_GLYX

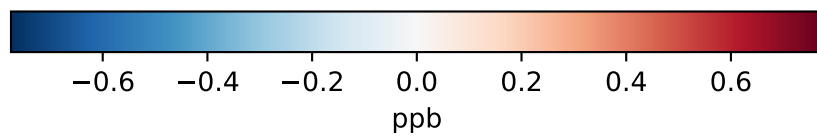
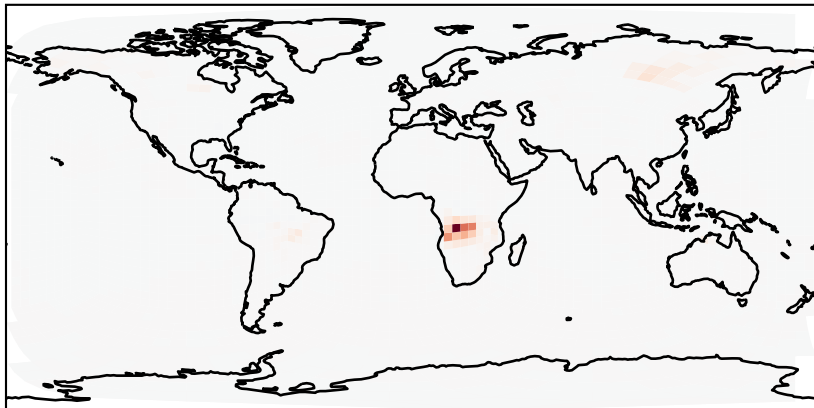
GCHP_14.2.0_MERRA2 (Ref)
c24



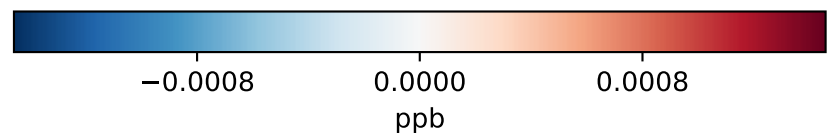
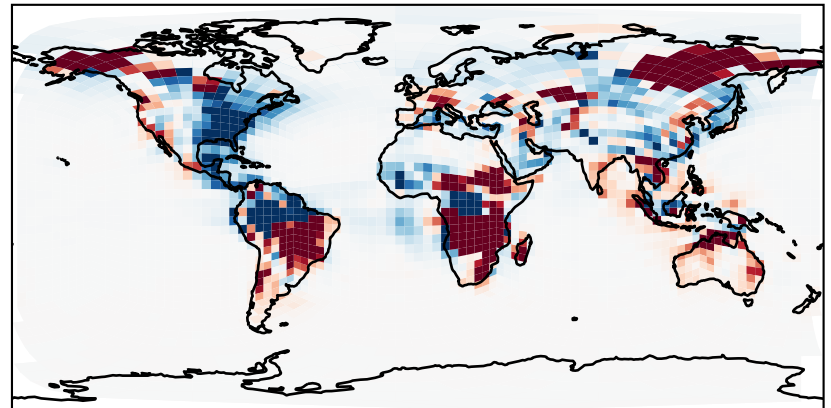
GCHP_14.2.0_GEOS-FP (Dev)
c24



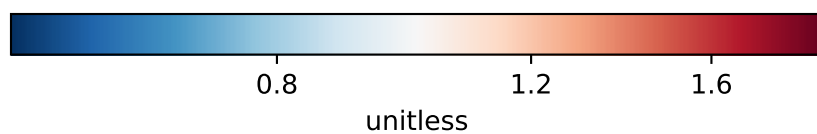
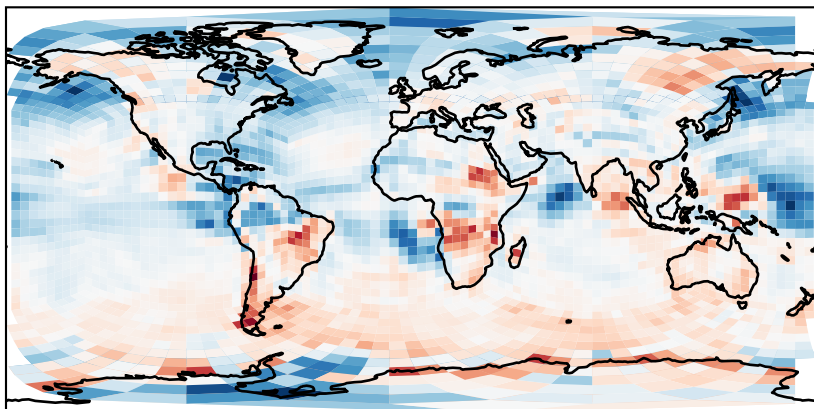
Difference
Dev - Ref, Dynamic Range



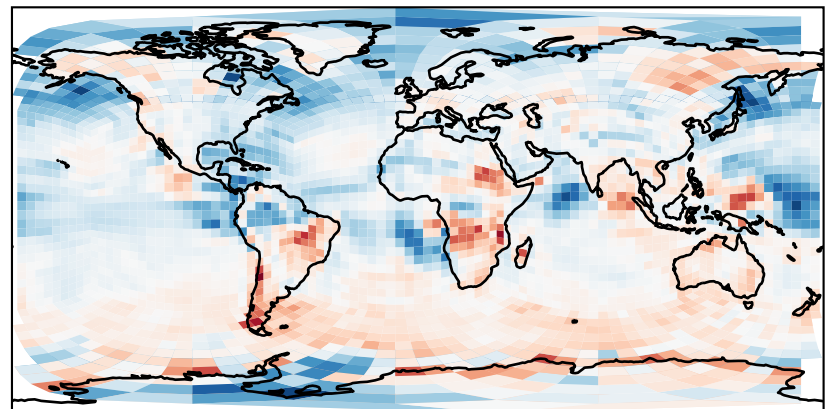
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

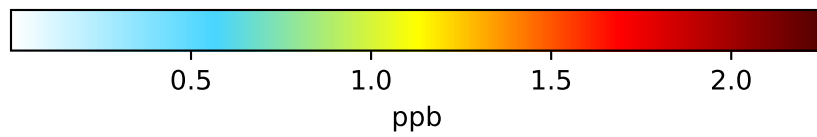
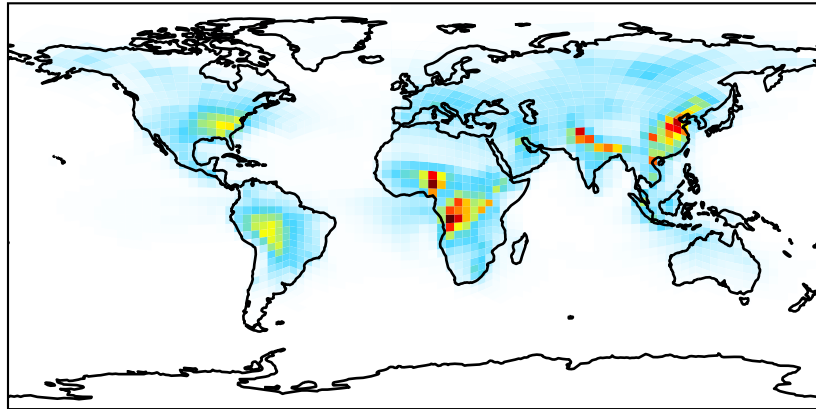


Ratio
Dev/Ref, Fixed Range

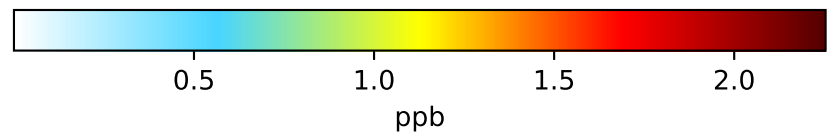
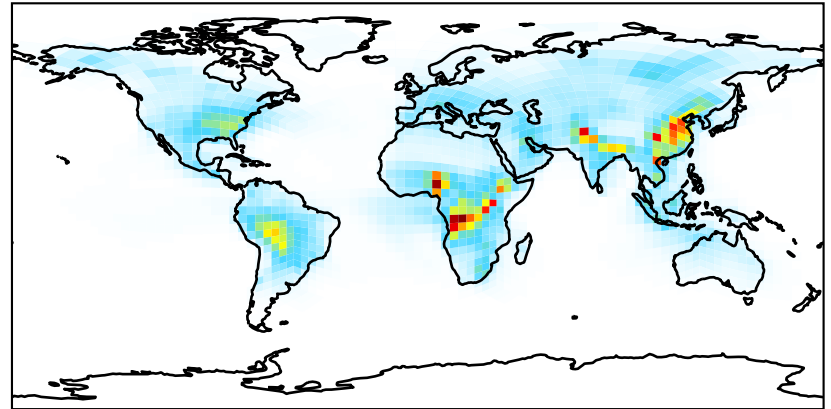


SpeciesConcVW_HCOOH

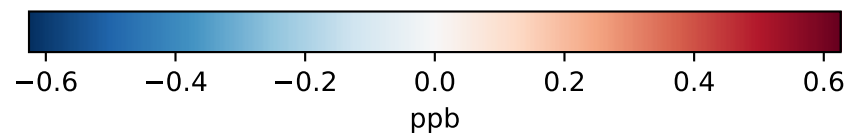
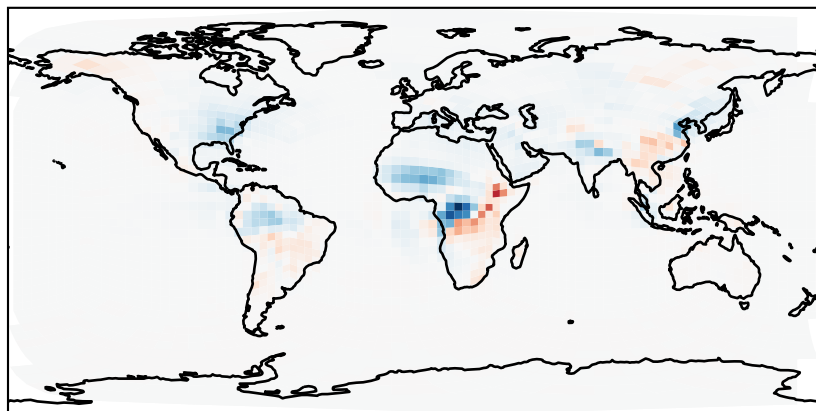
GCHP_14.2.0_MERRA2 (Ref)
c24



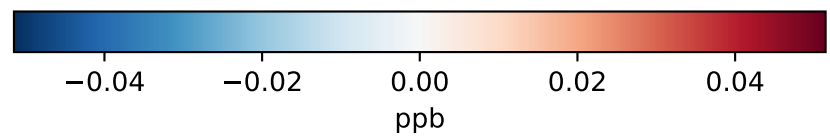
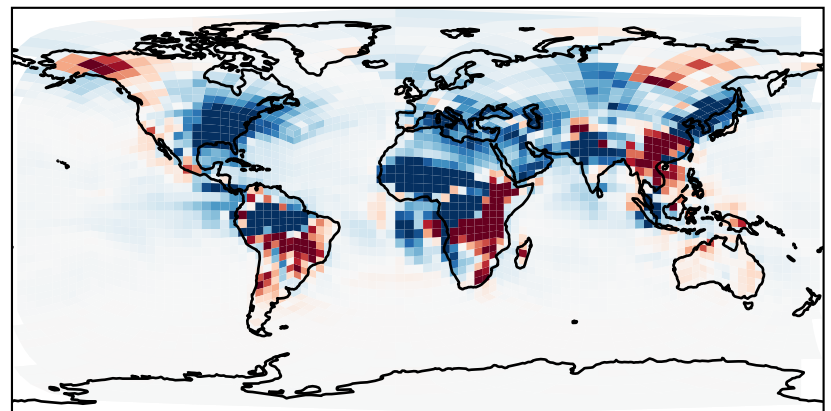
GCHP_14.2.0_GEOS-FP (Dev)
c24



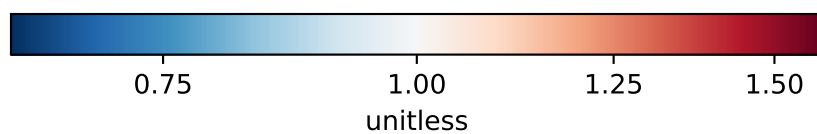
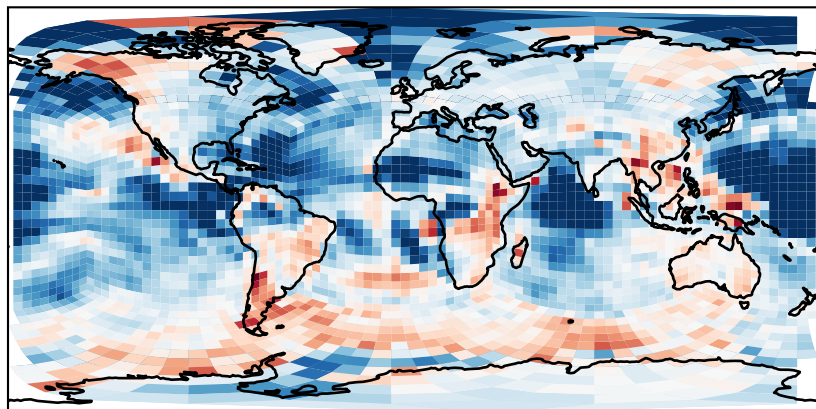
Difference
Dev - Ref, Dynamic Range



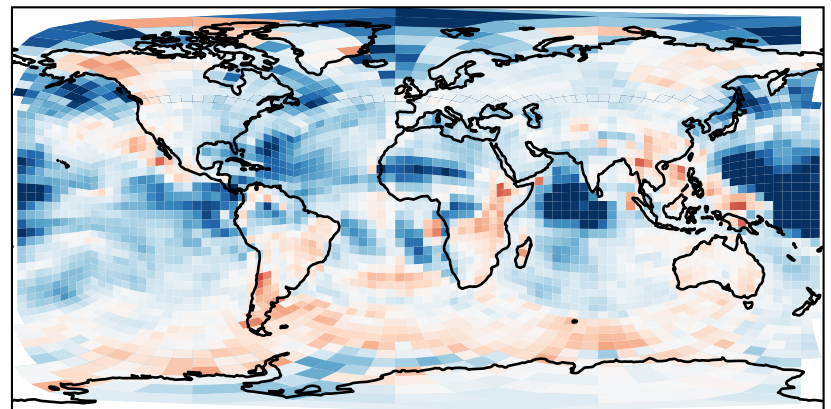
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

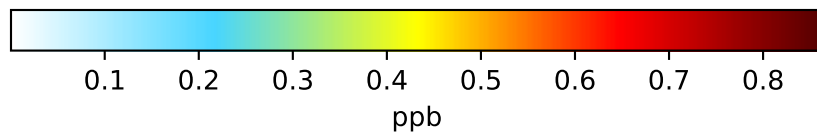
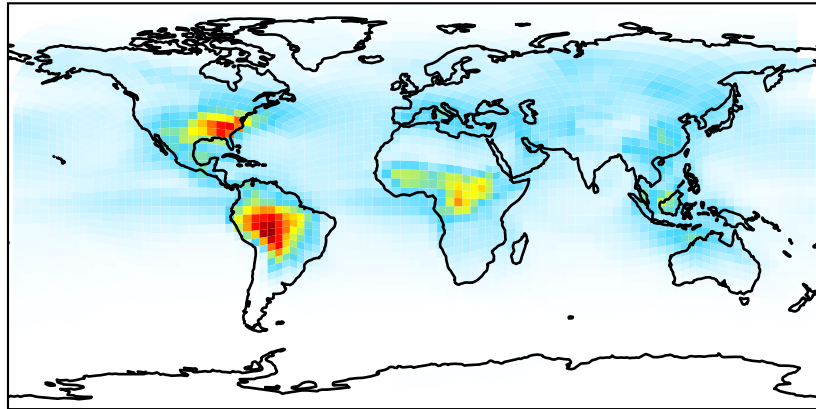


Ratio
Dev/Ref, Fixed Range

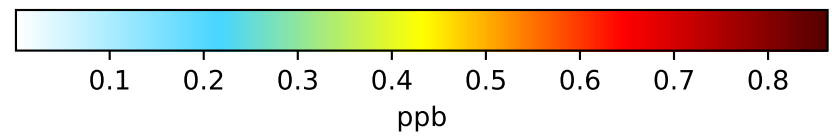
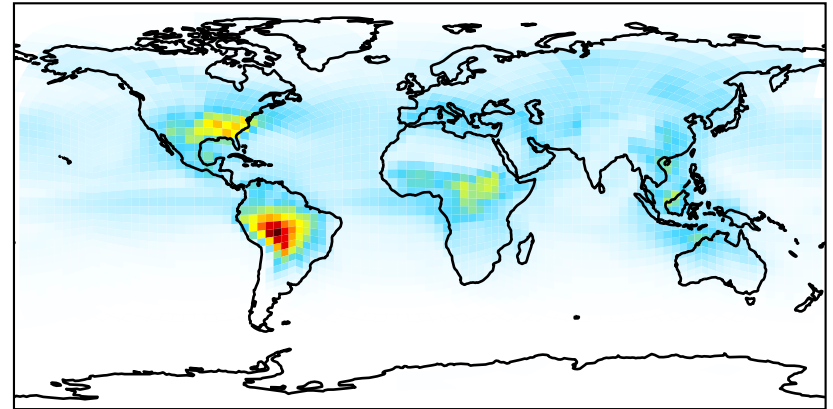


SpeciesConcVV_MAP

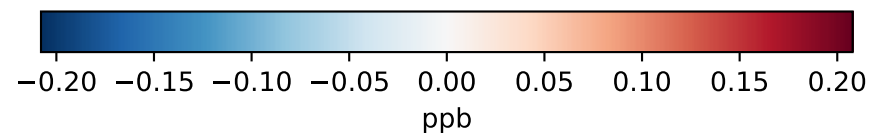
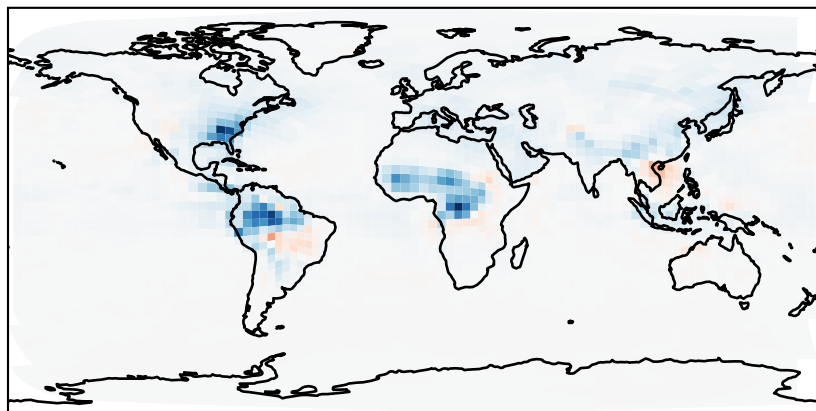
GCHP_14.2.0_MERRA2 (Ref)
c24



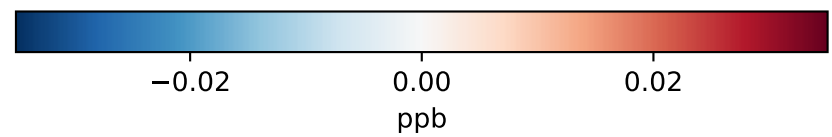
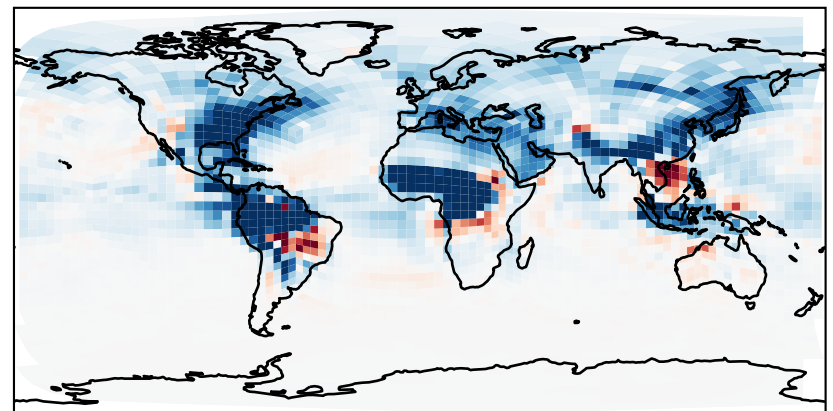
GCHP_14.2.0_GEOS-FP (Dev)
c24



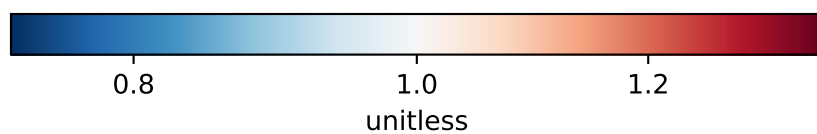
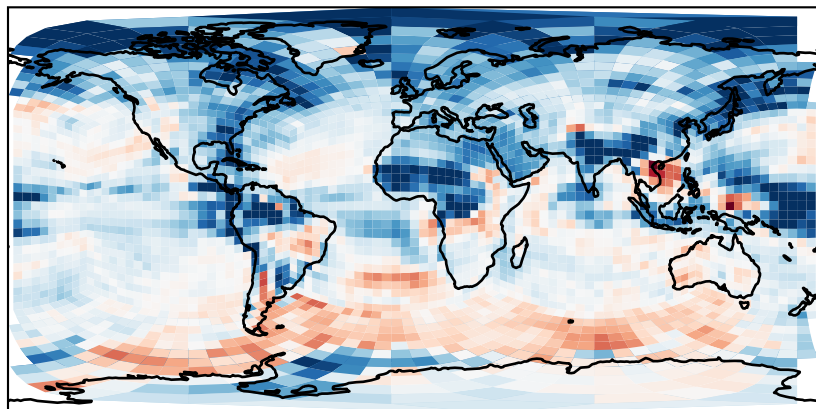
Difference
Dev - Ref, Dynamic Range



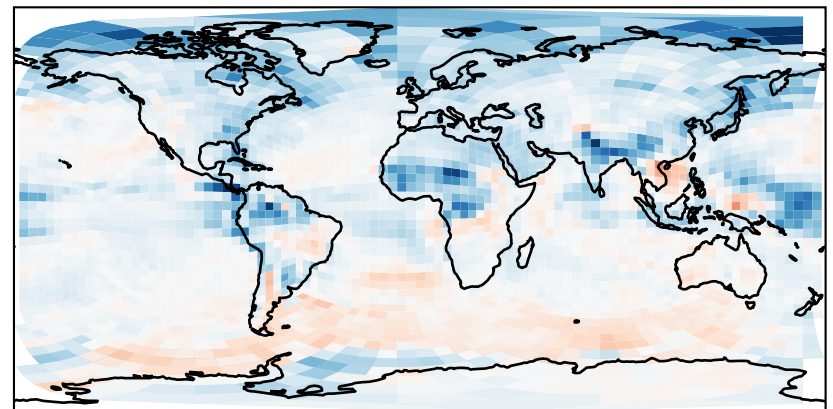
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

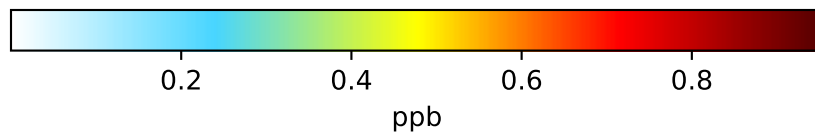
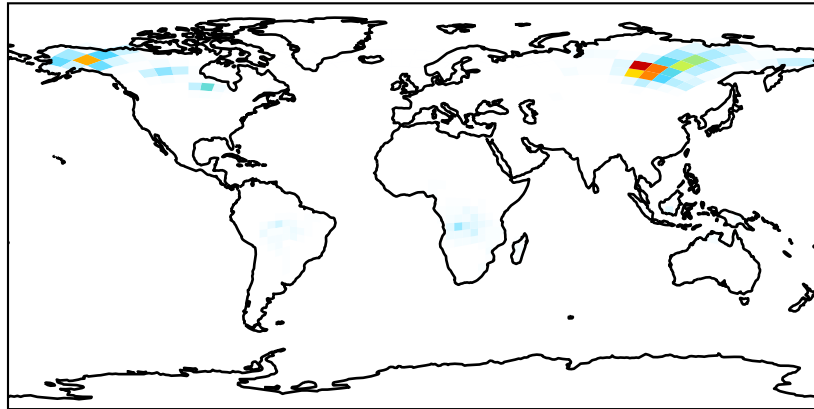


Ratio
Dev/Ref, Fixed Range

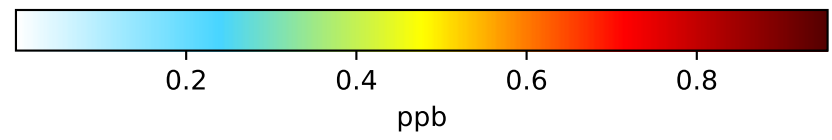
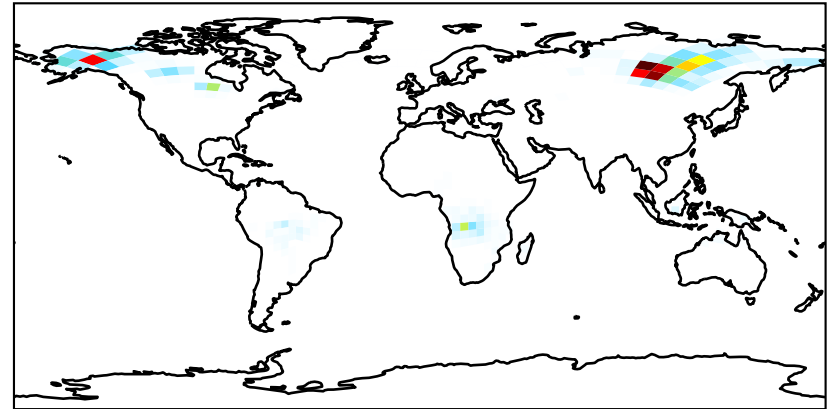


SpeciesConcVV_PHEN

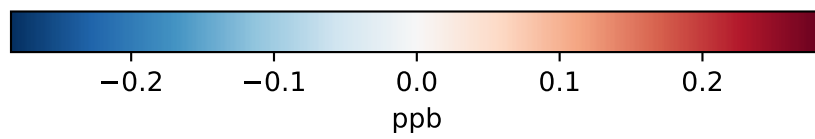
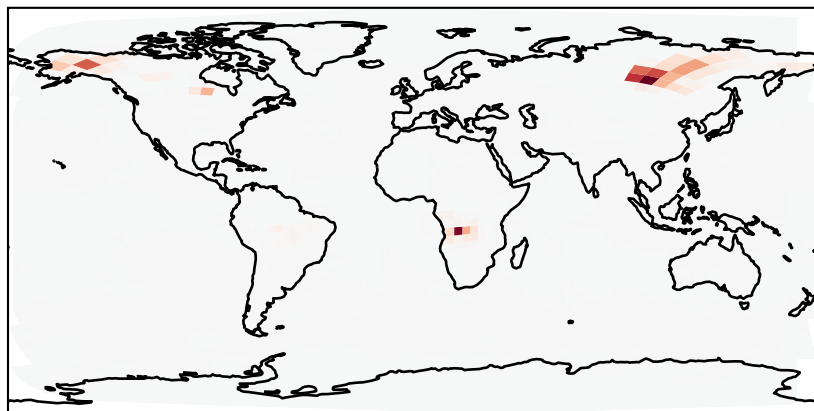
GCHP_14.2.0_MERRA2 (Ref)
c24



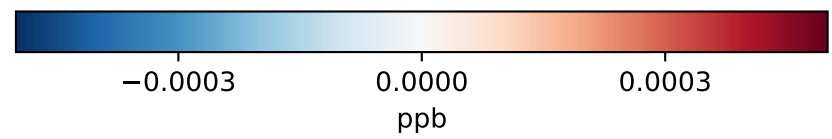
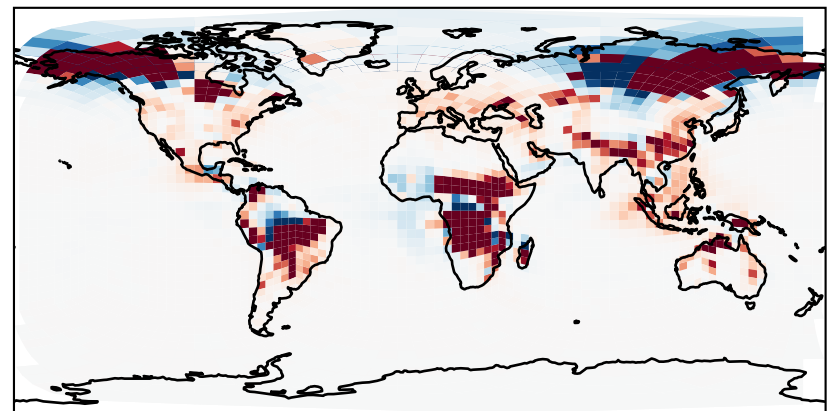
GCHP_14.2.0_GEOS-FP (Dev)
c24



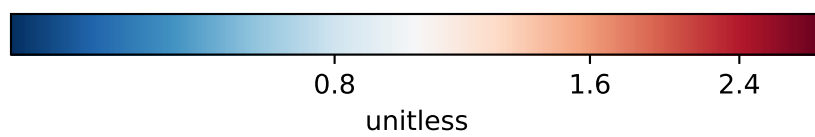
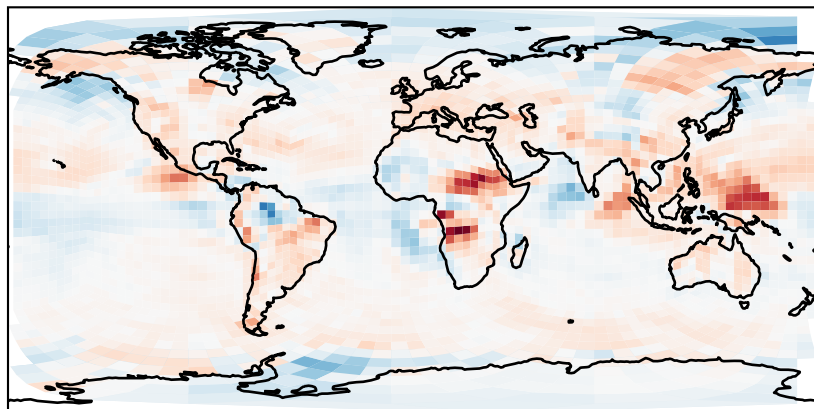
Difference
Dev - Ref, Dynamic Range



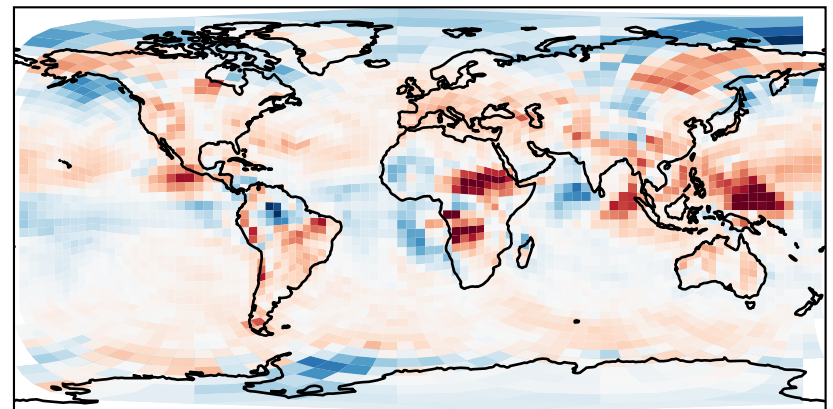
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

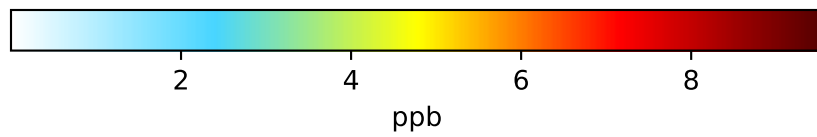
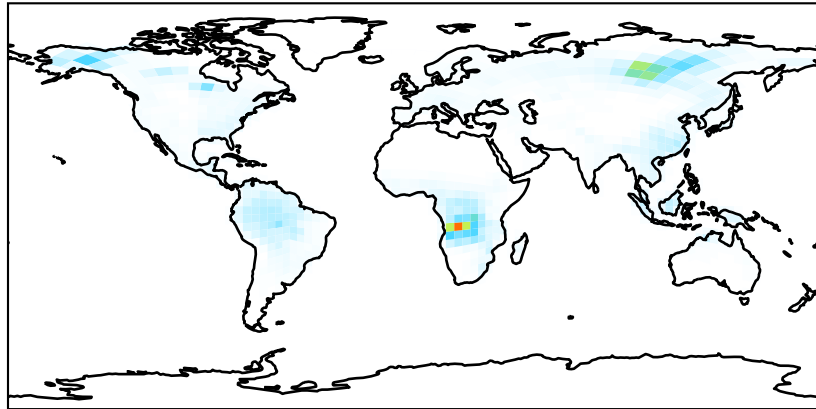


Ratio
Dev/Ref, Fixed Range

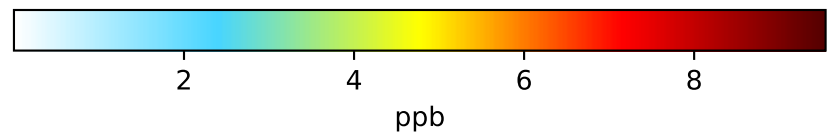
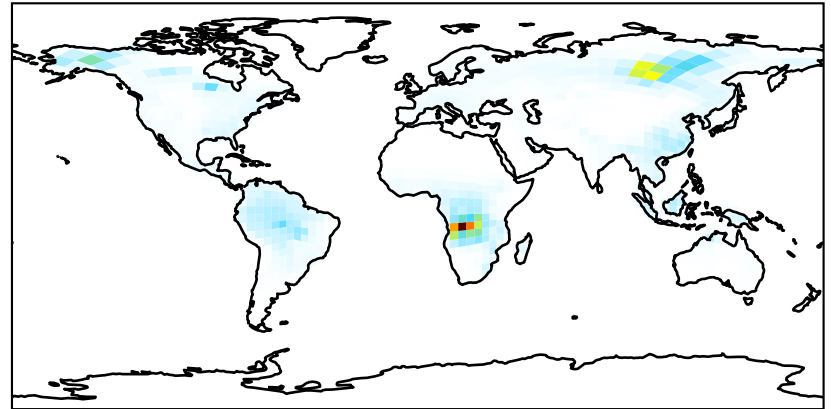


SpeciesConcVV_RCHO

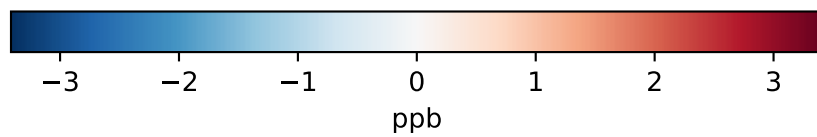
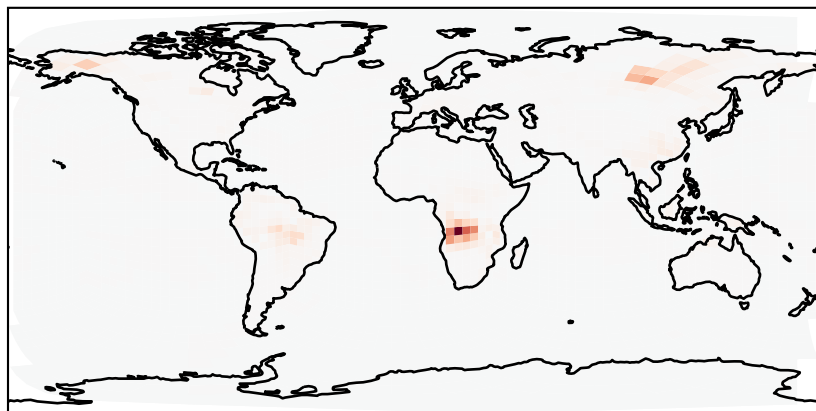
GCHP_14.2.0_MERRA2 (Ref)
c24



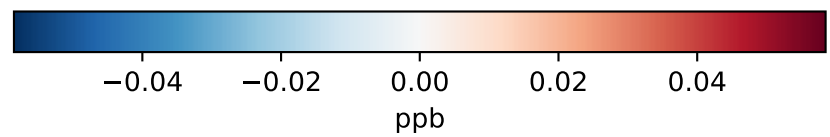
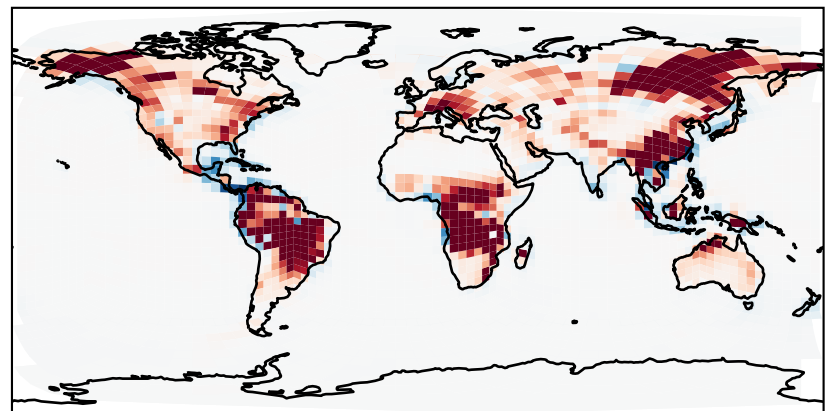
GCHP_14.2.0_GEOS-FP (Dev)
c24



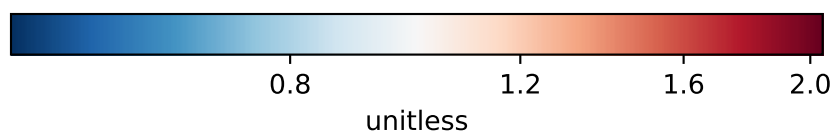
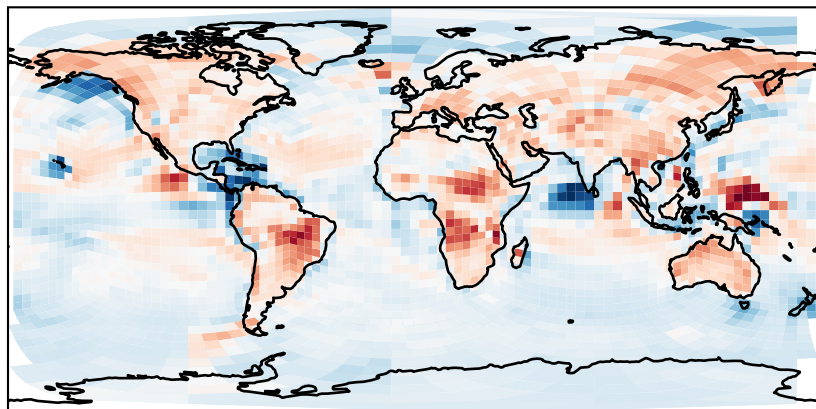
Difference
Dev - Ref, Dynamic Range



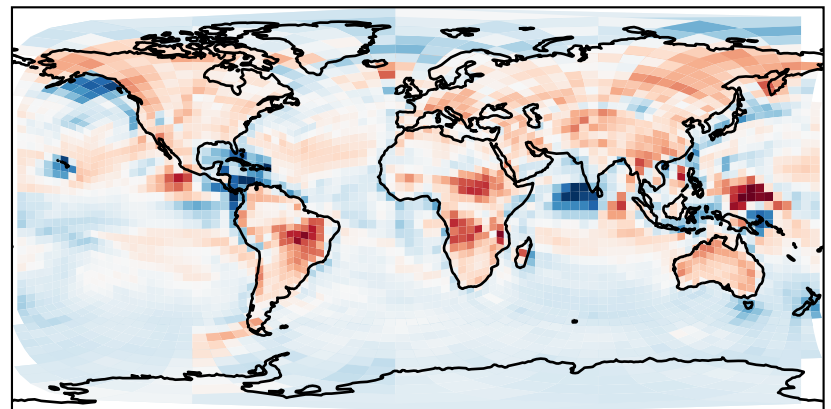
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

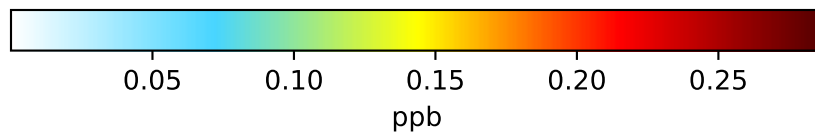
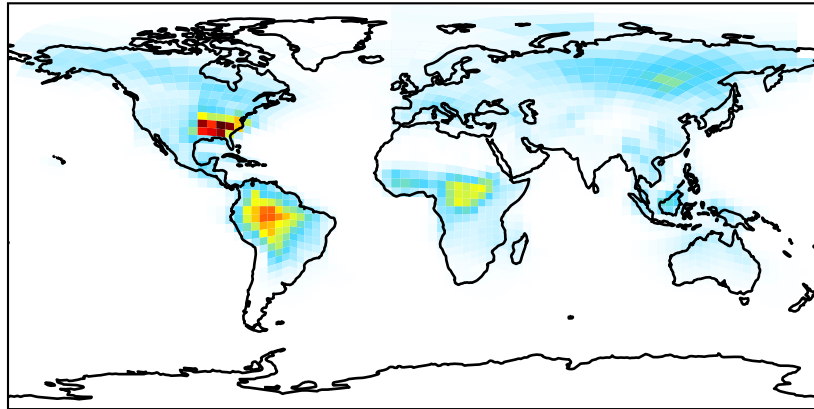


Ratio
Dev/Ref, Fixed Range

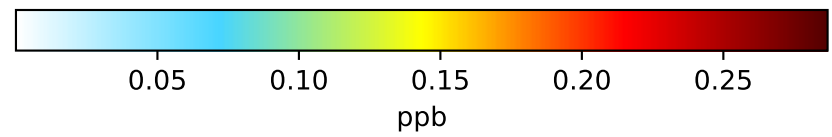
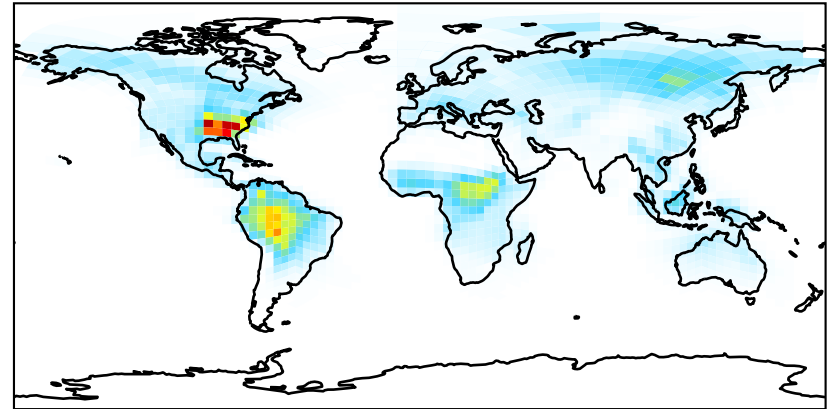


SpeciesConcVV_ETHP

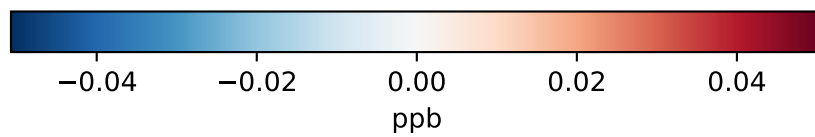
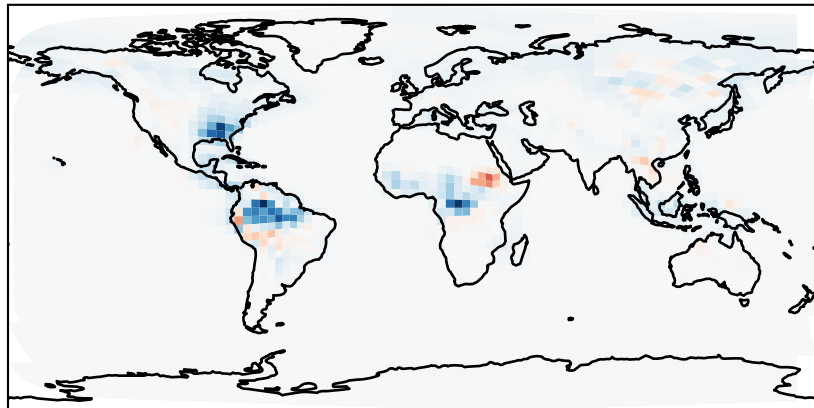
GCHP_14.2.0_MERRA2 (Ref)
c24



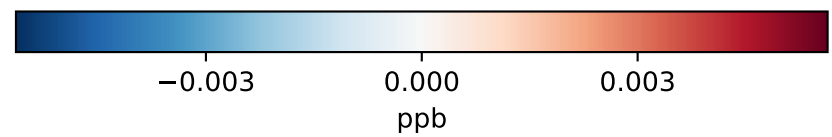
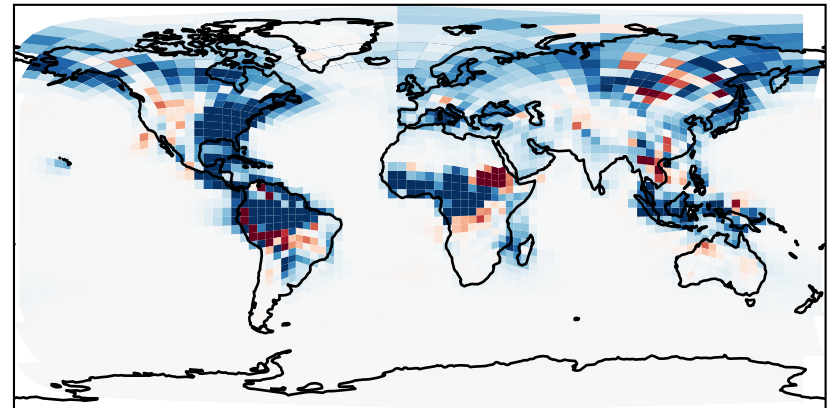
GCHP_14.2.0_GEOS-FP (Dev)
c24



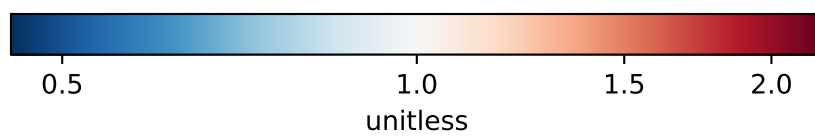
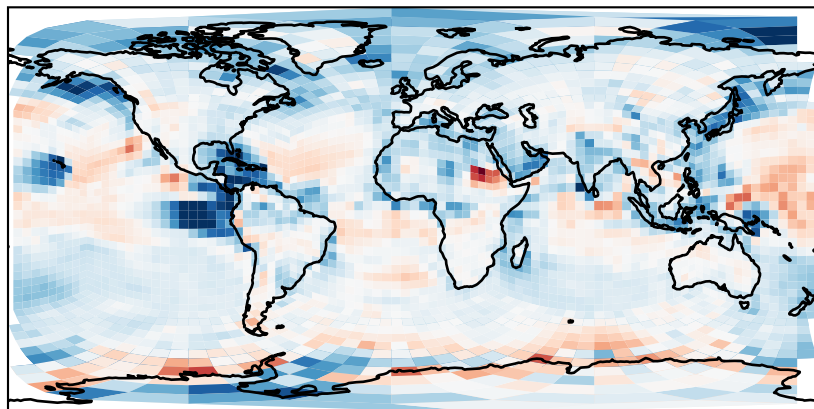
Difference
Dev - Ref, Dynamic Range



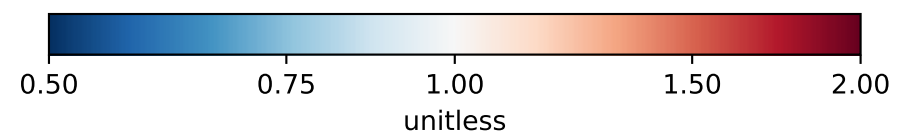
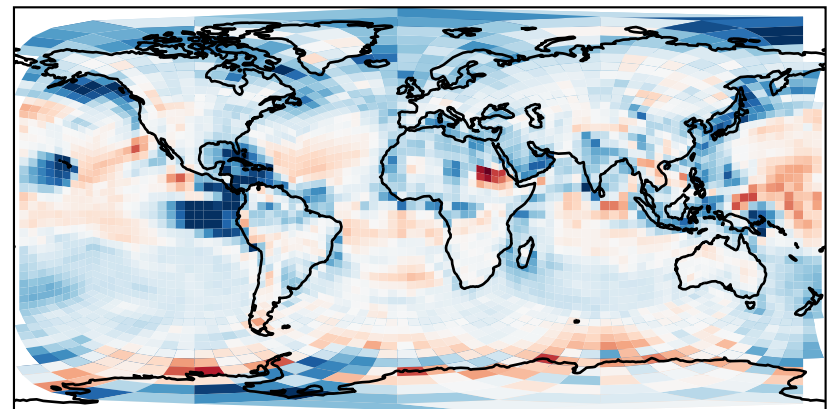
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

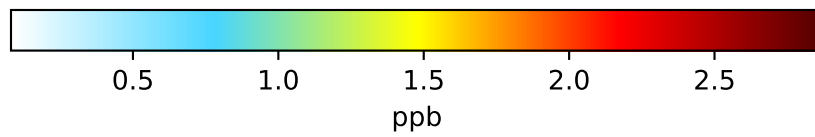
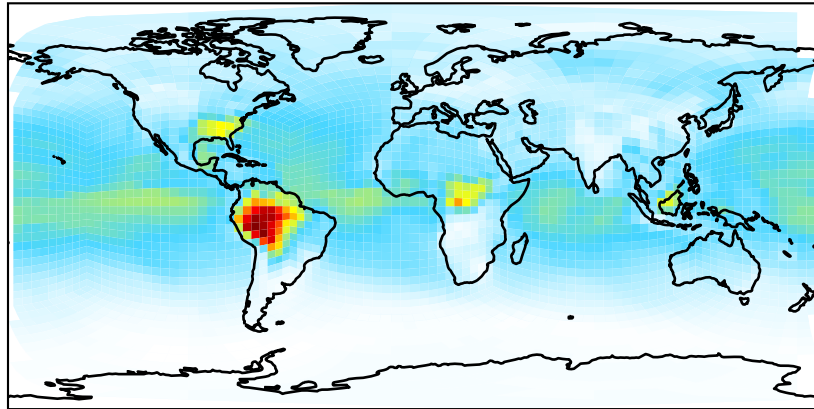


Ratio
Dev/Ref, Fixed Range

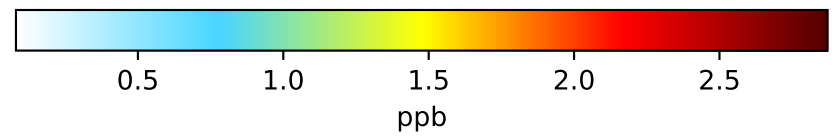
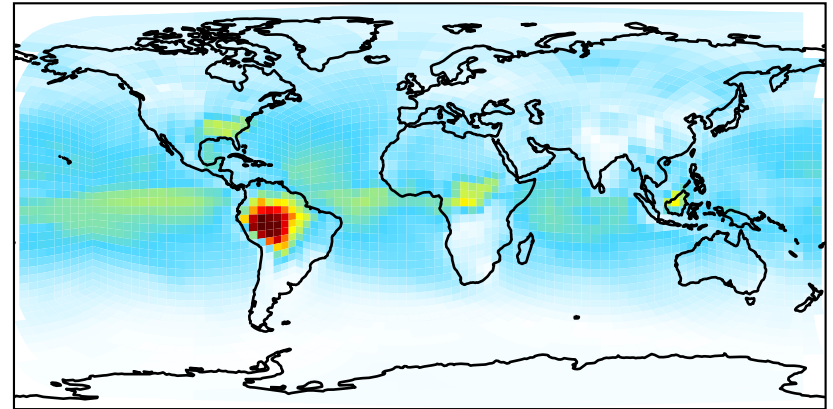


SpeciesConcVV_MP

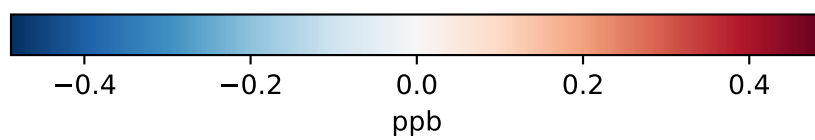
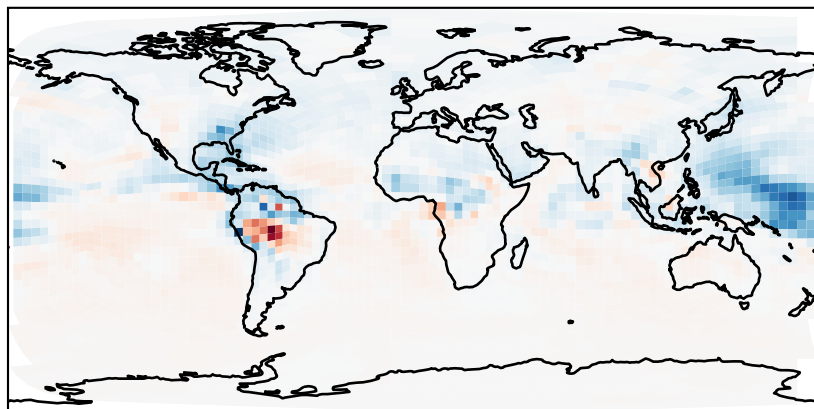
GCHP_14.2.0_MERRA2 (Ref)
c24



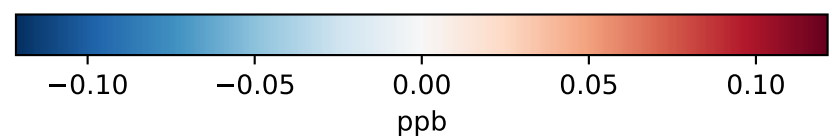
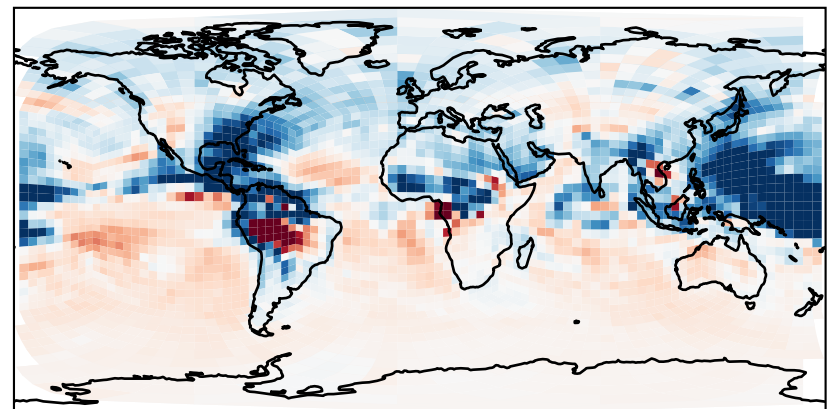
GCHP_14.2.0_GEOS-FP (Dev)
c24



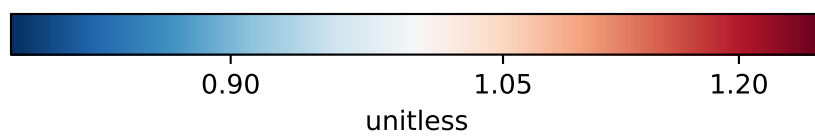
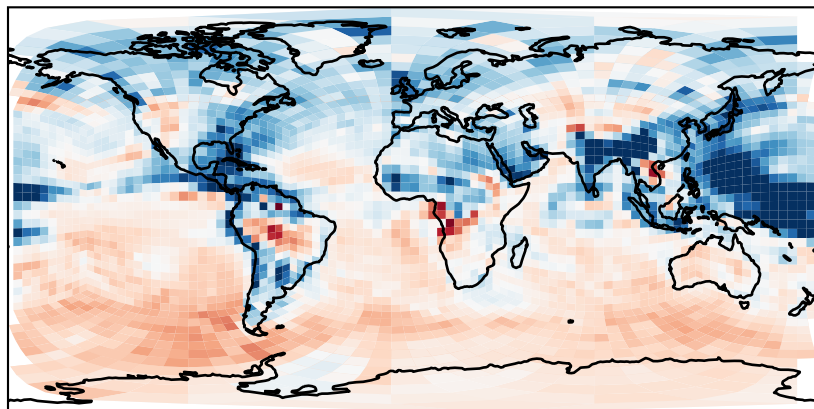
Difference
Dev - Ref, Dynamic Range



Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

