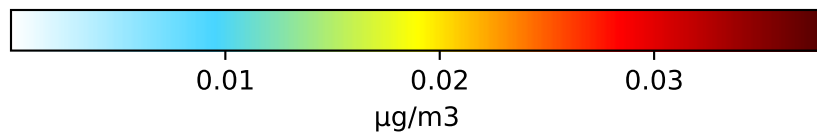
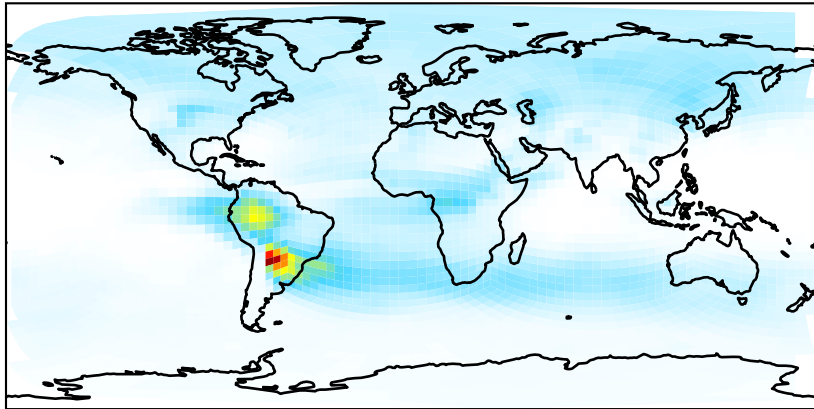
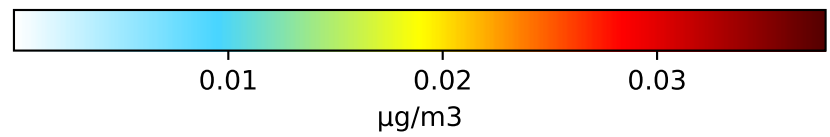
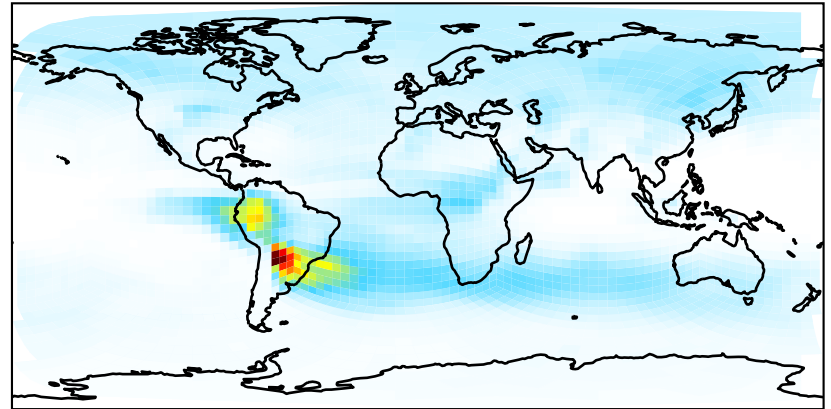


SpeciesConcVV_TSOA0

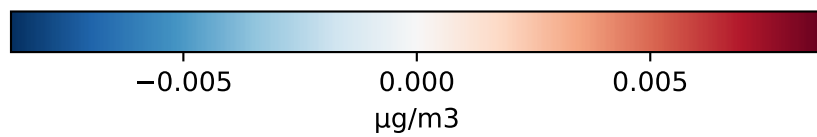
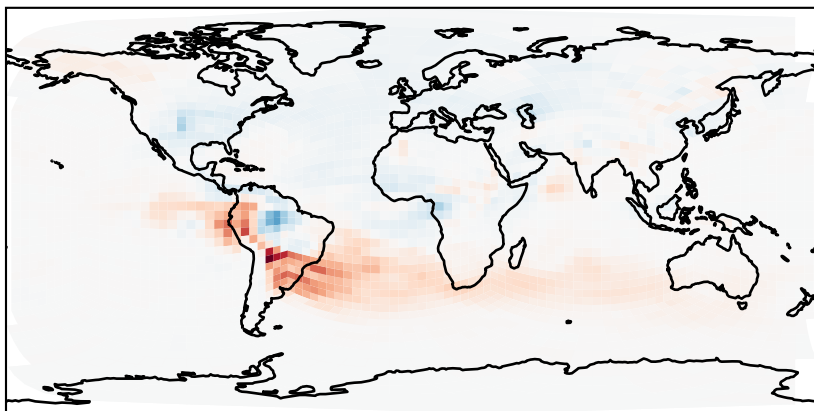
GCHP_14.2.0_MERRA2 (Ref)
c24



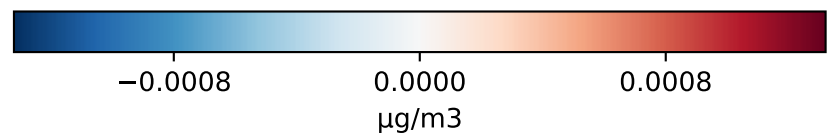
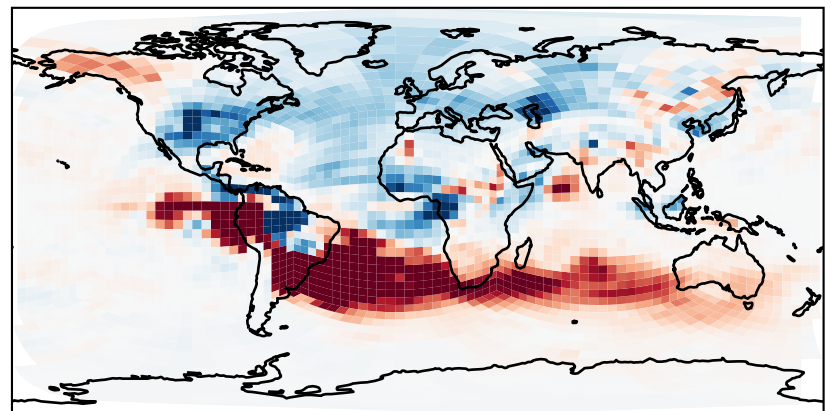
GCHP_14.2.0_GEOS-FP (Dev)
c24



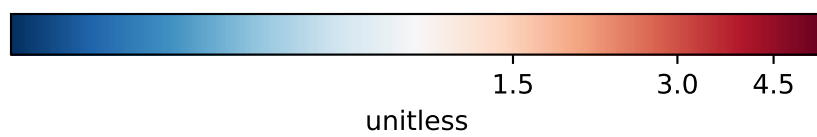
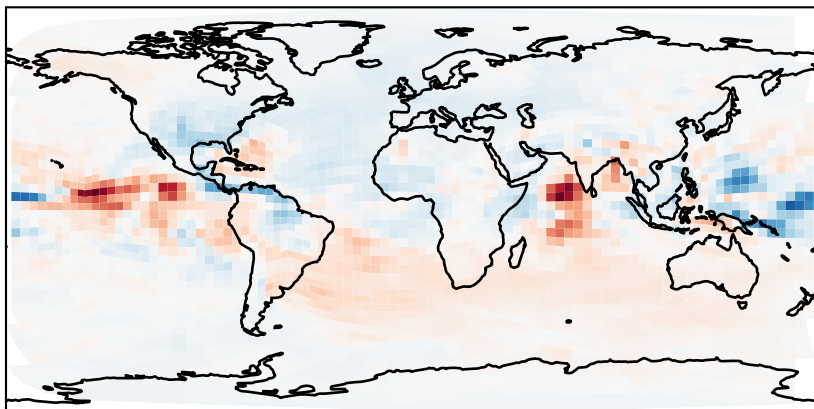
Difference
Dev - Ref, Dynamic Range



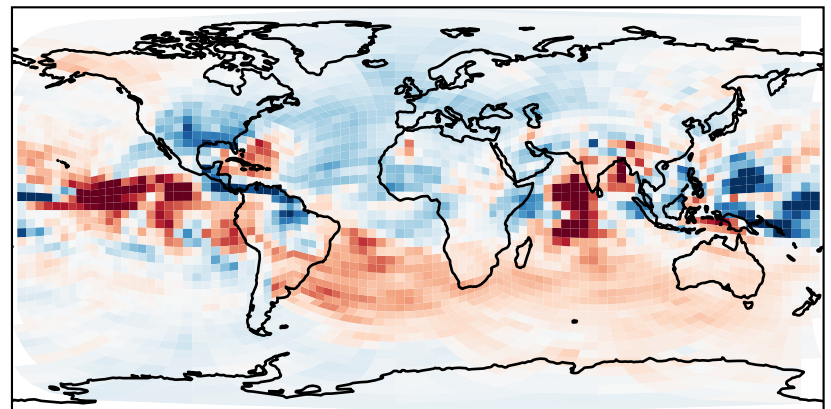
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

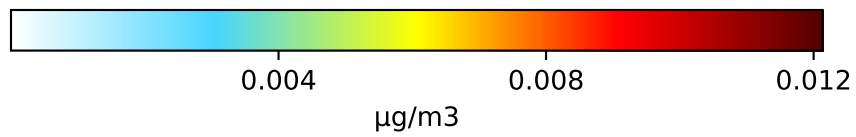
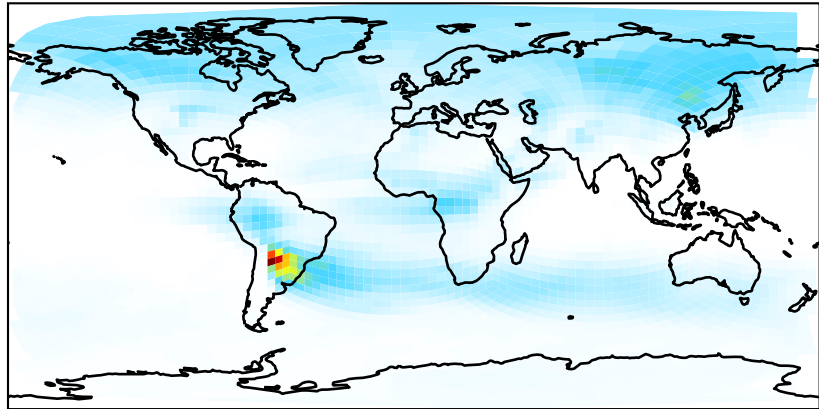


Ratio
Dev/Ref, Fixed Range

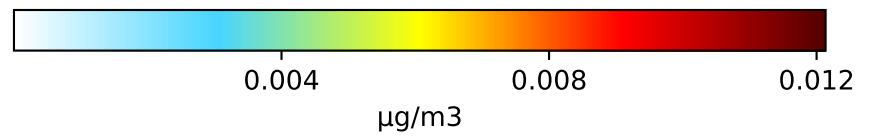
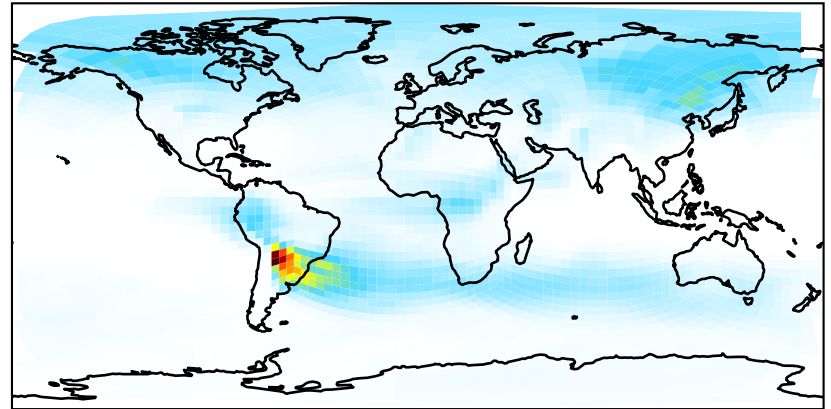


SpeciesConcVV_TSOA1

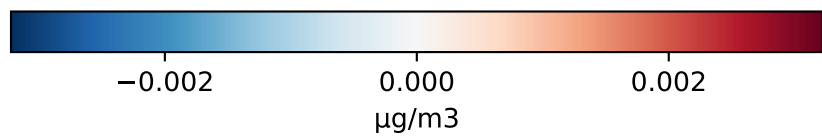
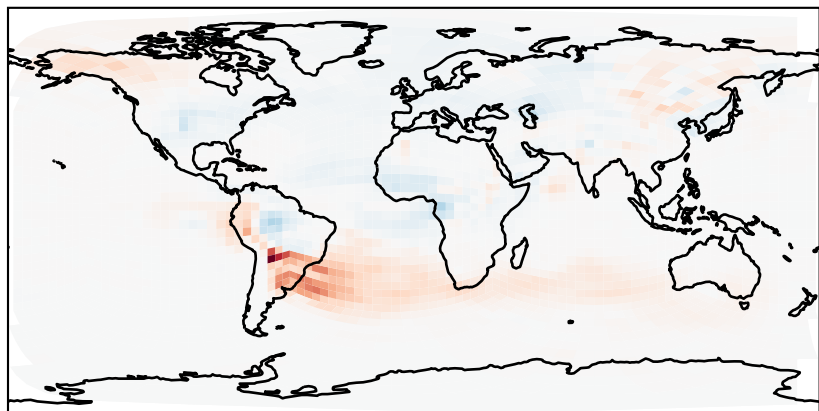
GCHP_14.2.0_MERRA2 (Ref)
c24



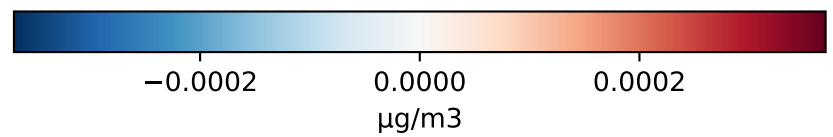
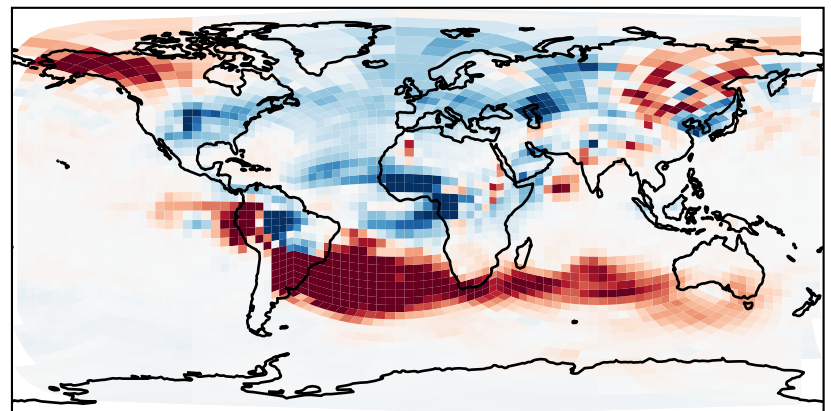
GCHP_14.2.0_GEOS-FP (Dev)
c24



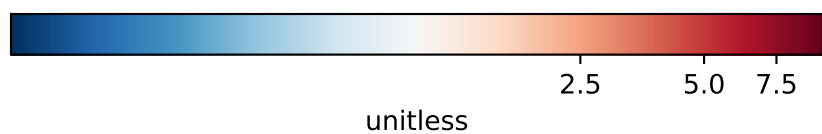
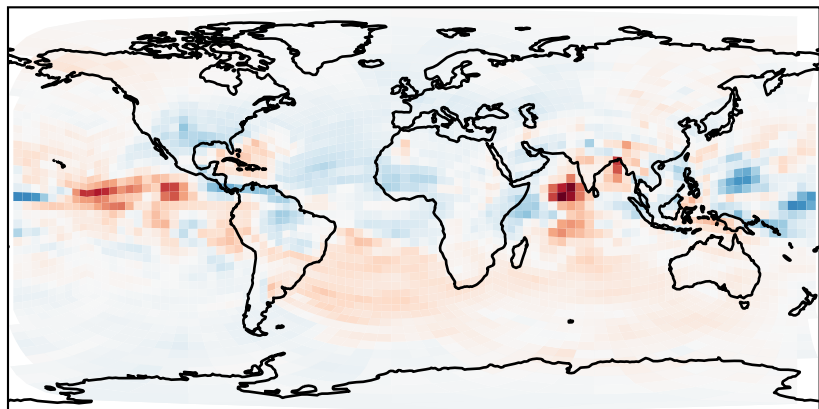
Difference
Dev - Ref, Dynamic Range



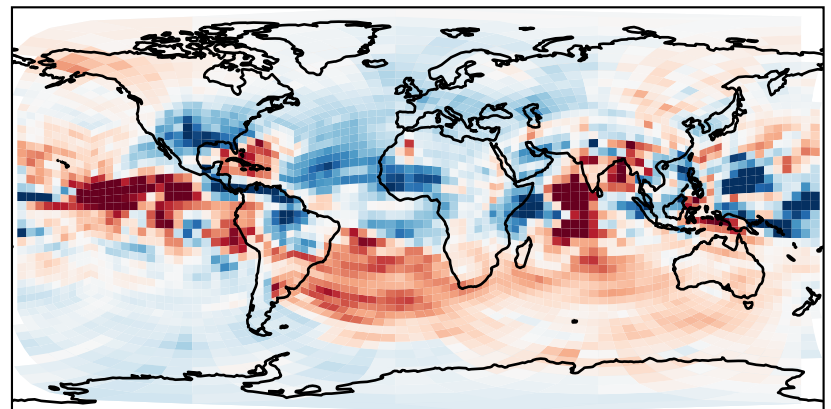
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

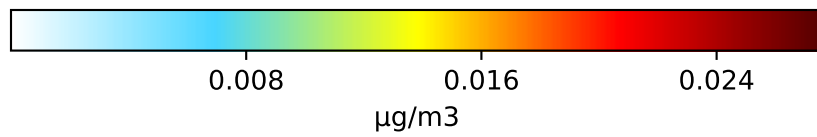
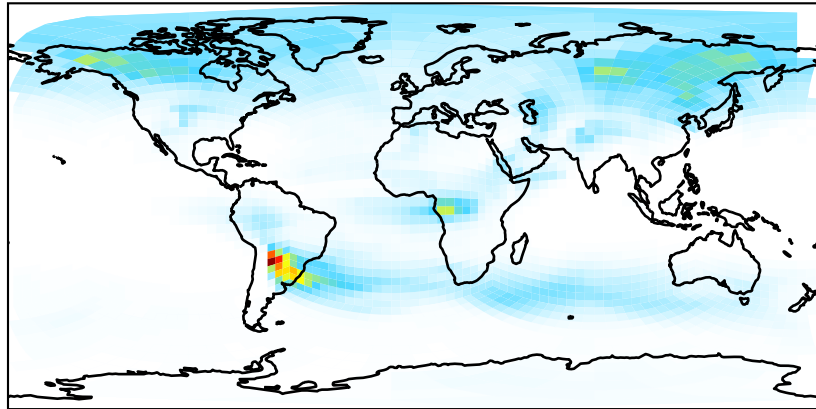


Ratio
Dev/Ref, Fixed Range

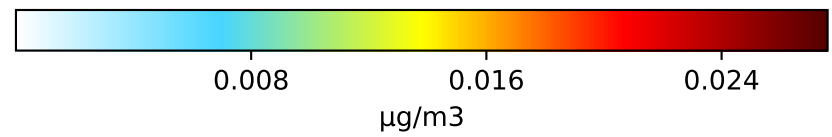
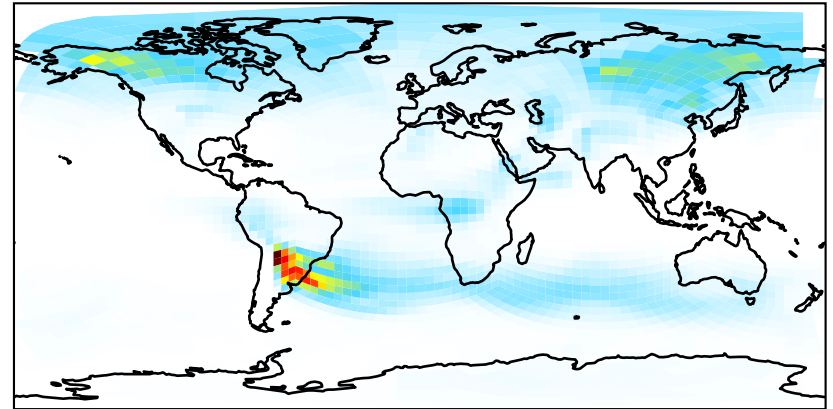


SpeciesConcVV_TSOA2

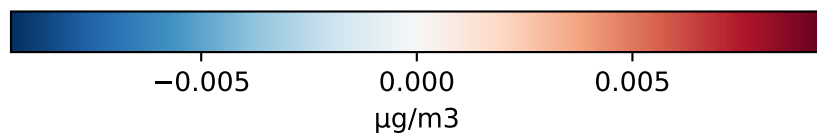
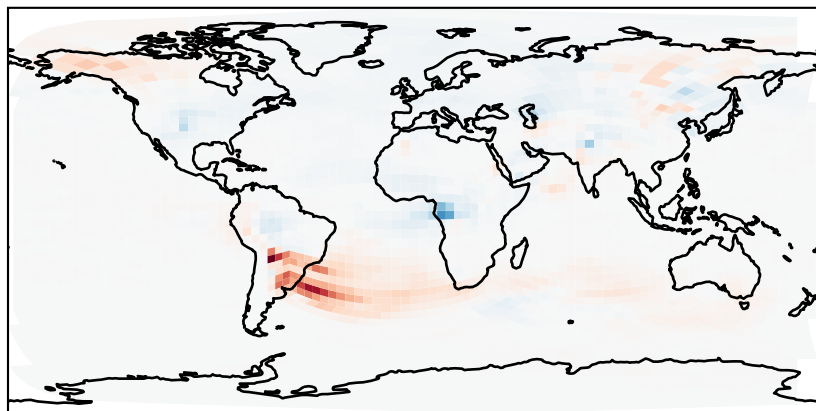
GCHP_14.2.0_MERRA2 (Ref)
c24



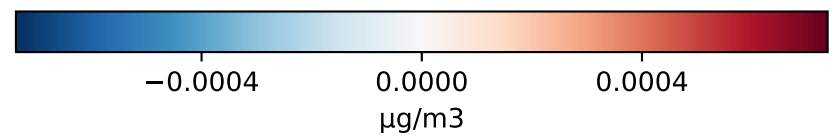
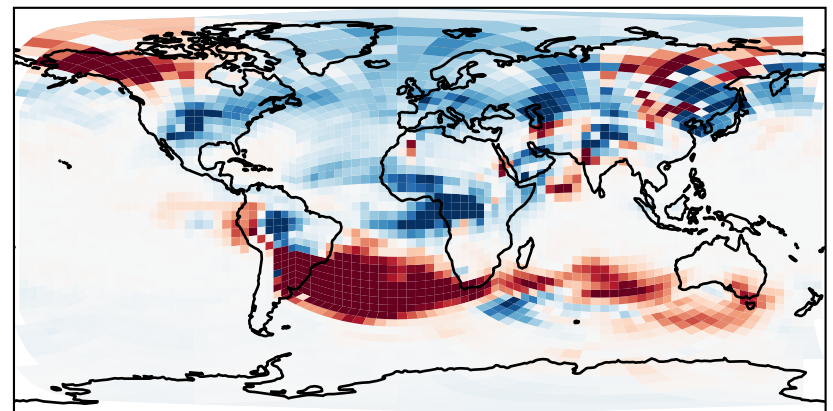
GCHP_14.2.0_GEOS-FP (Dev)
c24



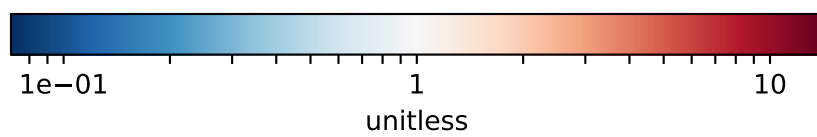
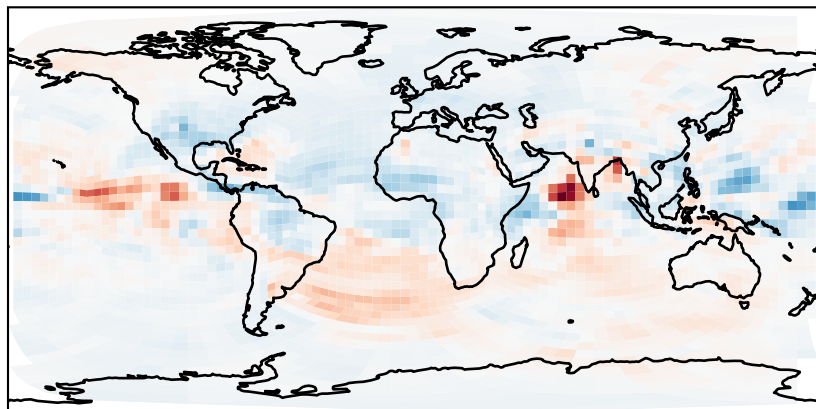
Difference
Dev - Ref, Dynamic Range



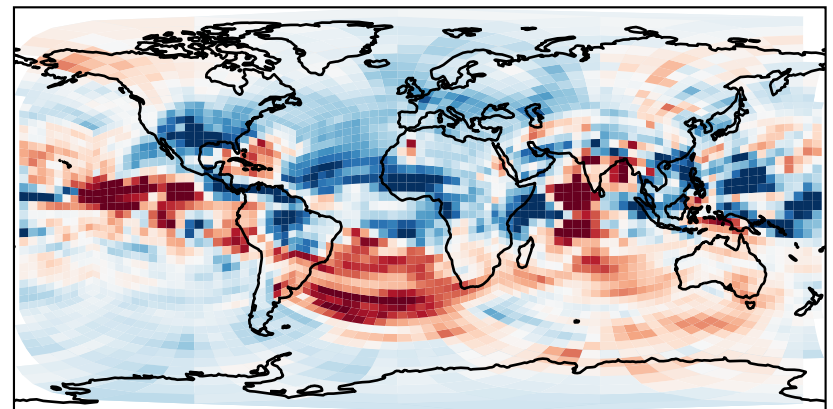
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

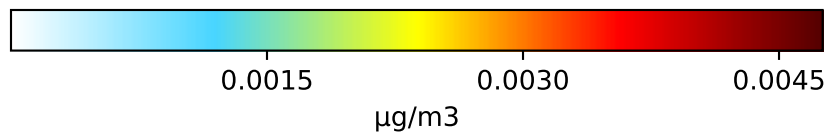
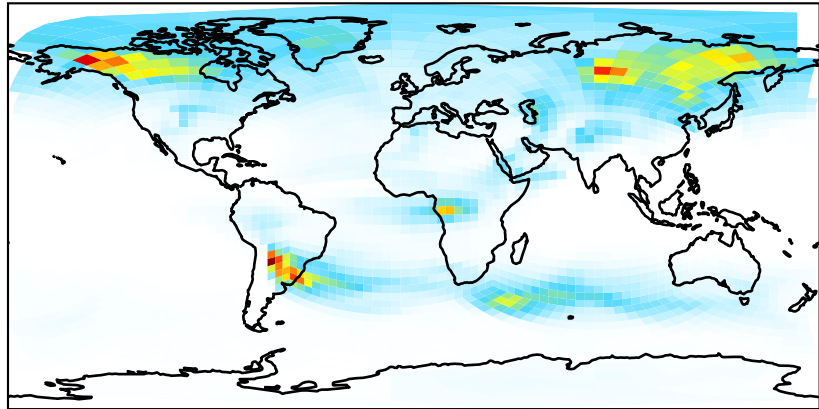


Ratio
Dev/Ref, Fixed Range

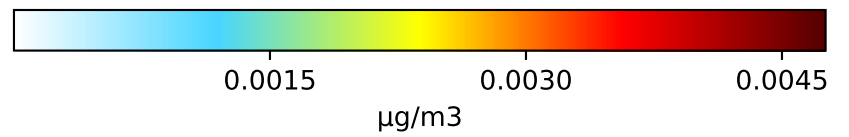
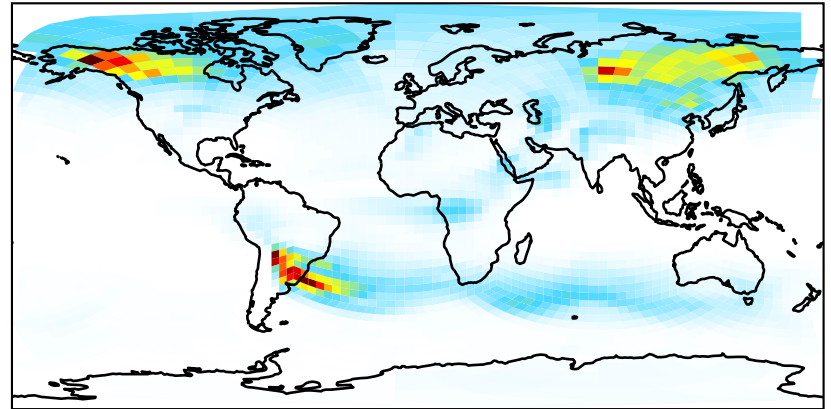


SpeciesConcVV_TSOA3

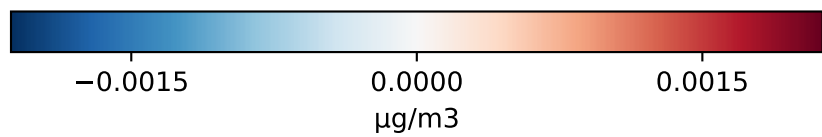
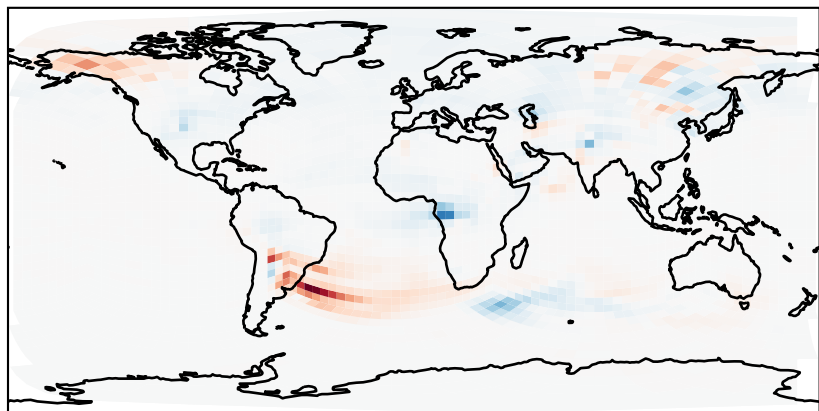
GCHP_14.2.0_MERRA2 (Ref)
c24



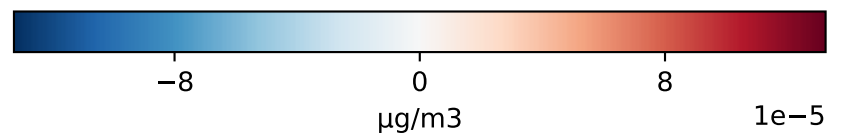
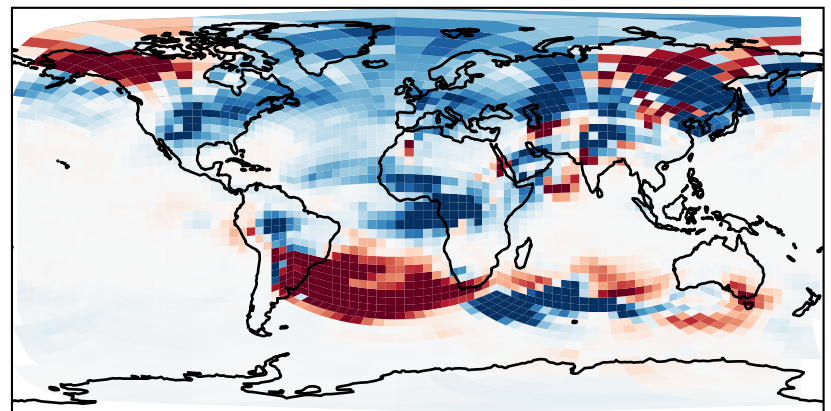
GCHP_14.2.0_GEOS-FP (Dev)
c24



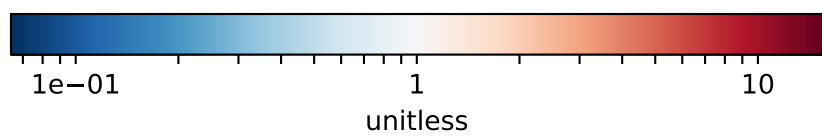
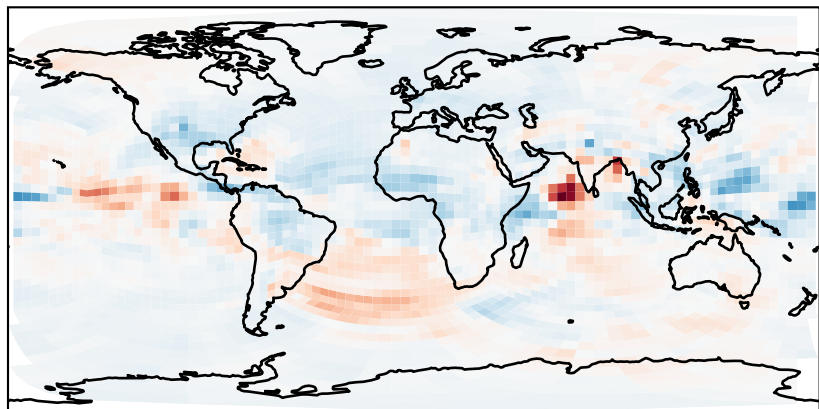
Difference
Dev - Ref, Dynamic Range



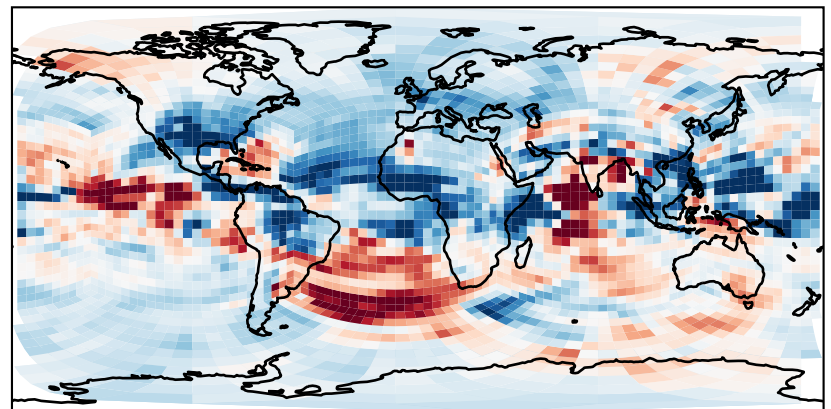
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

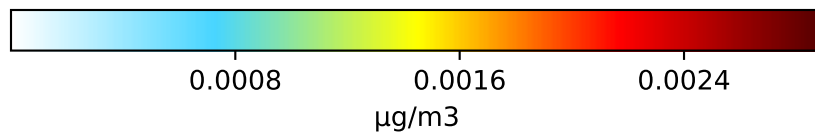
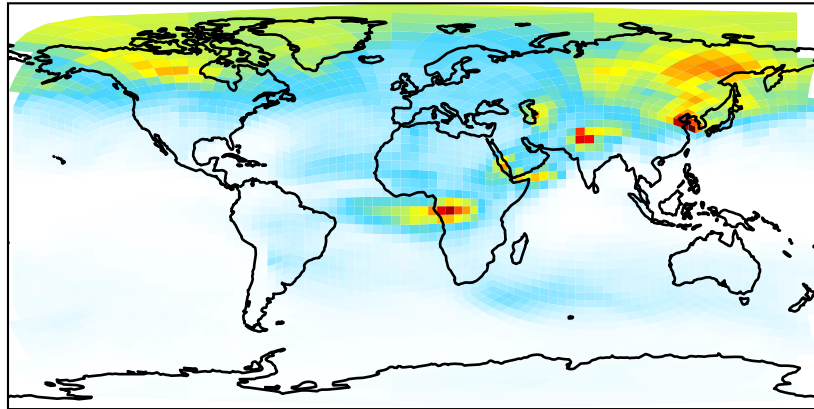


Ratio
Dev/Ref, Fixed Range

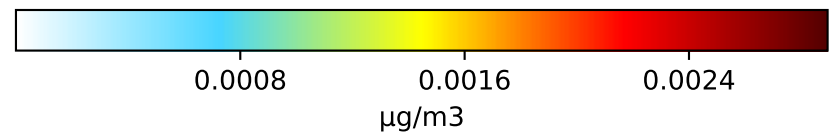
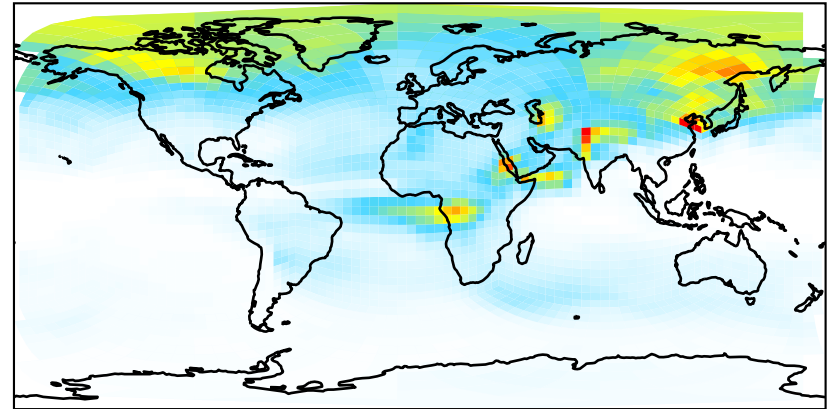


SpeciesConcVV_ASOA1

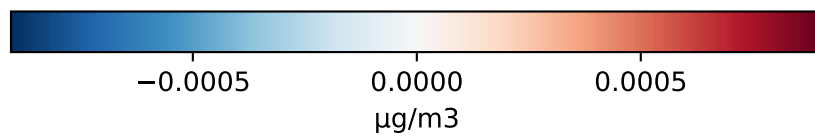
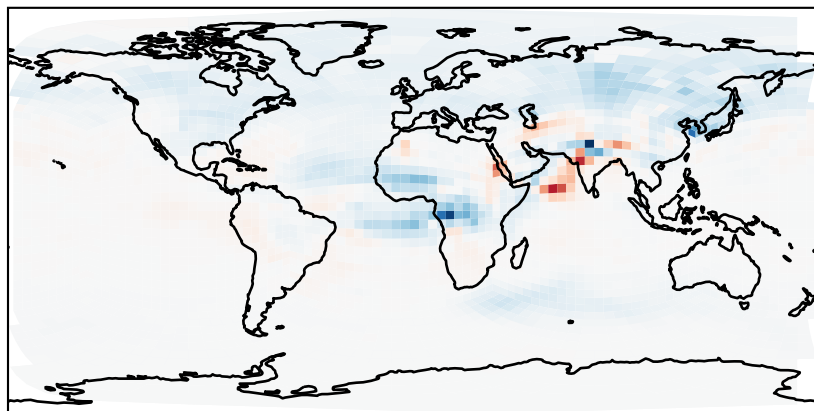
GCHP_14.2.0_MERRA2 (Ref)
c24



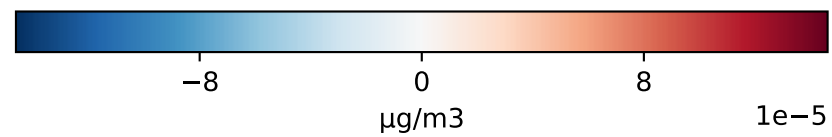
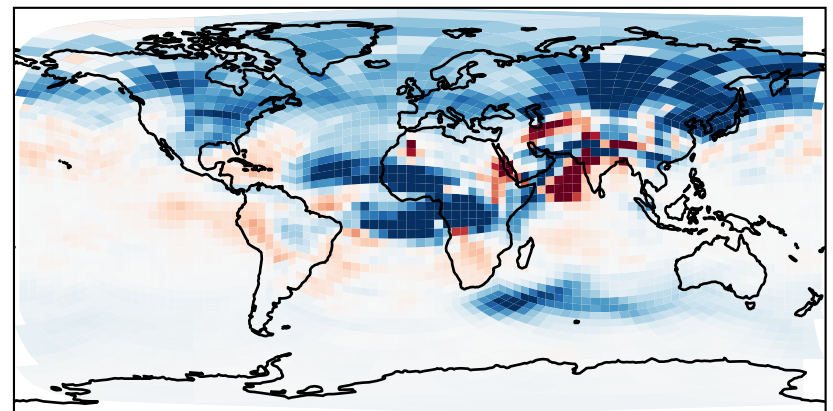
GCHP_14.2.0_GEOS-FP (Dev)
c24



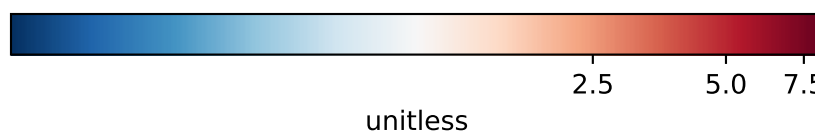
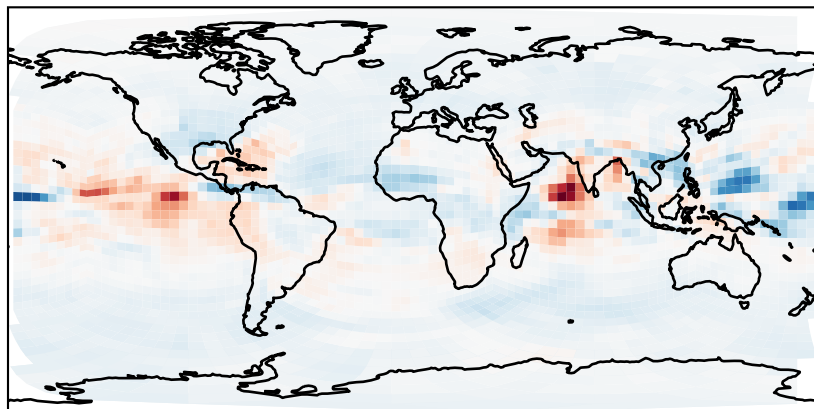
Difference
Dev - Ref, Dynamic Range



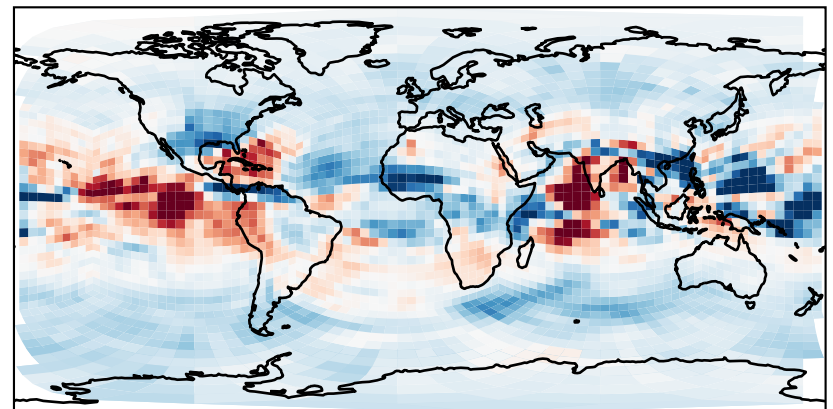
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

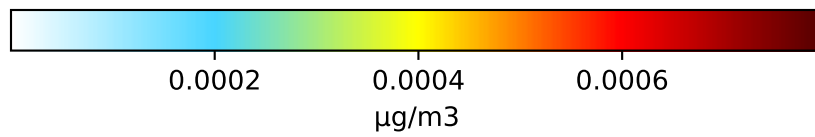
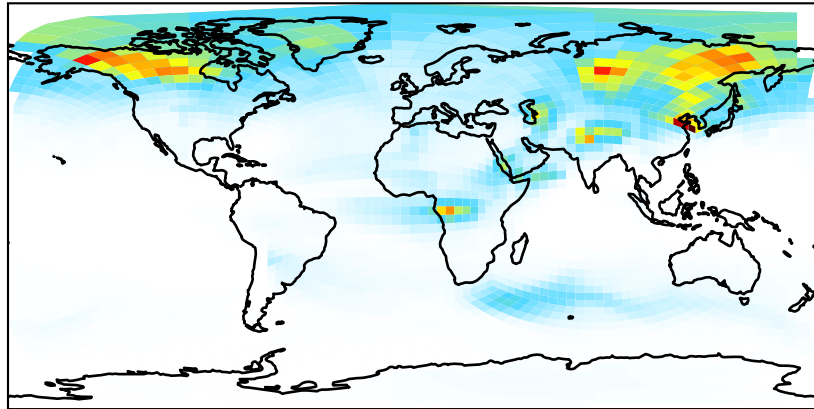


Ratio
Dev/Ref, Fixed Range

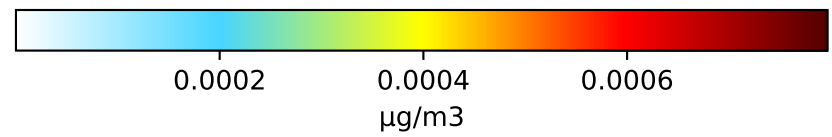
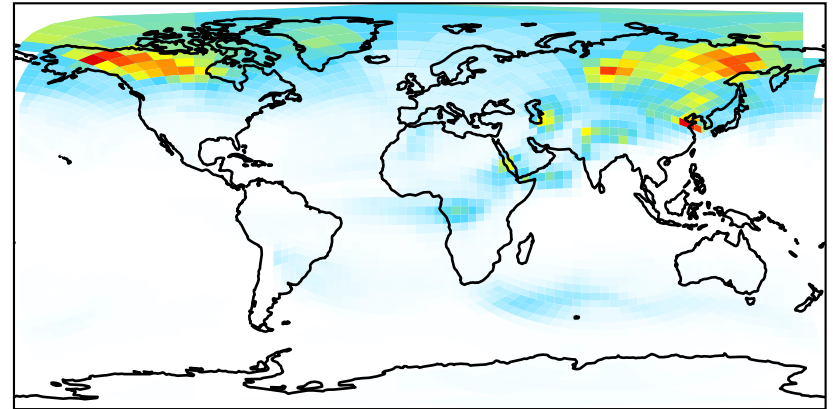


SpeciesConcVV_ASOA2

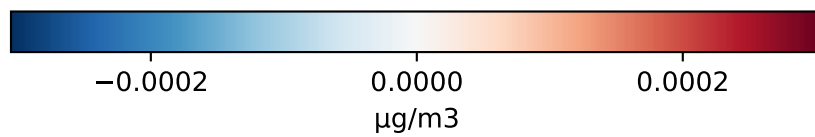
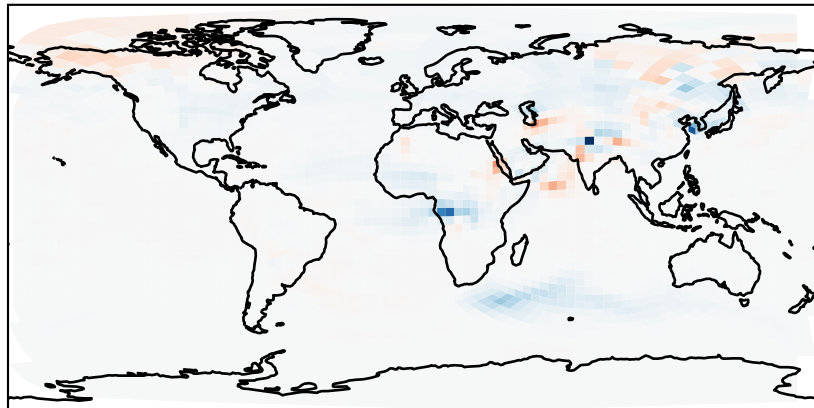
GCHP_14.2.0_MERRA2 (Ref)
c24



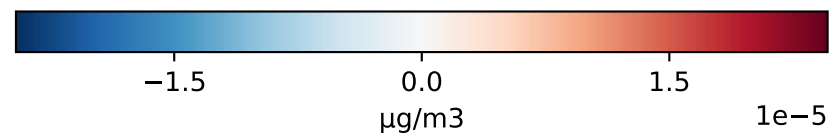
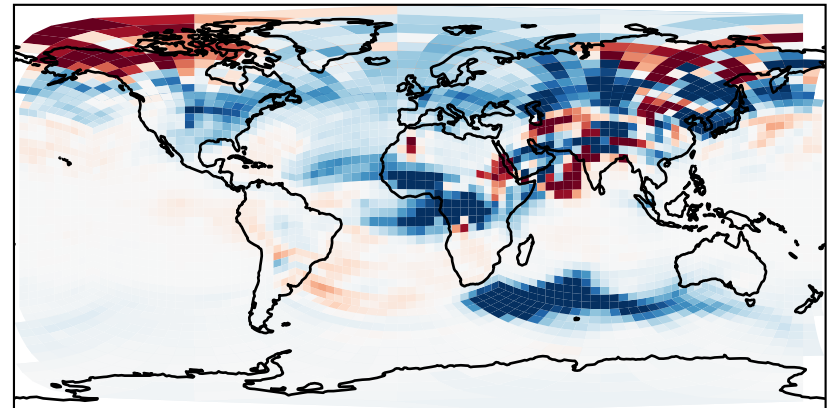
GCHP_14.2.0_GEOS-FP (Dev)
c24



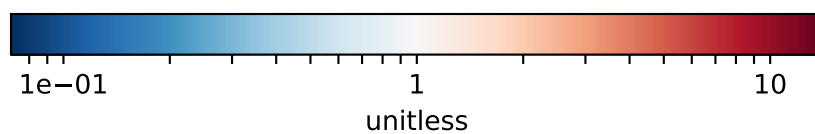
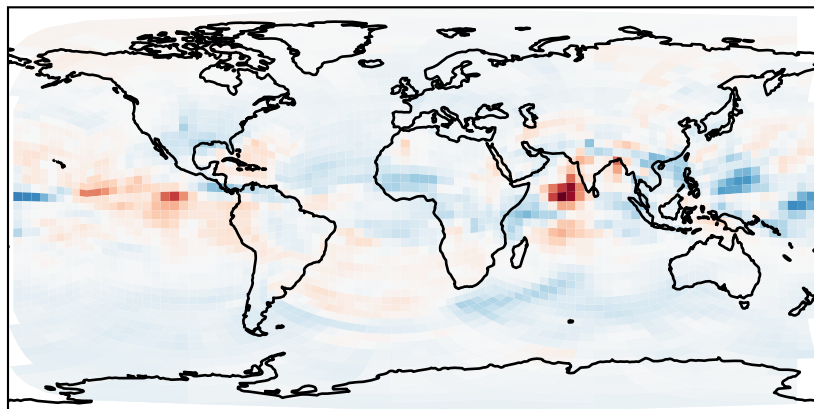
Difference
Dev - Ref, Dynamic Range



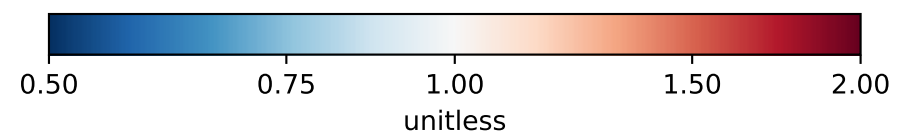
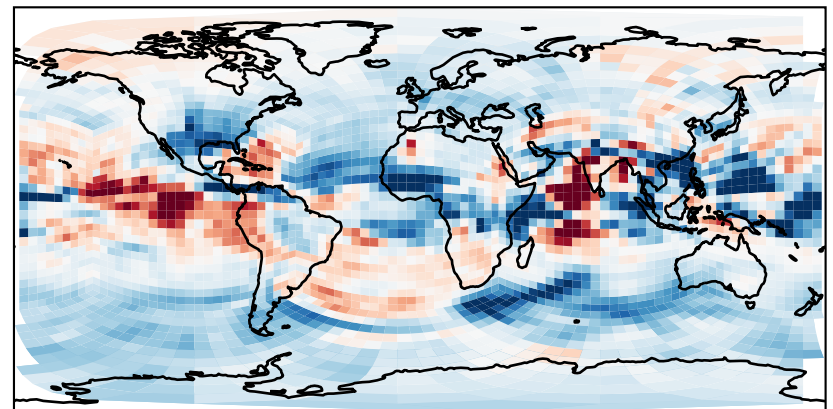
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

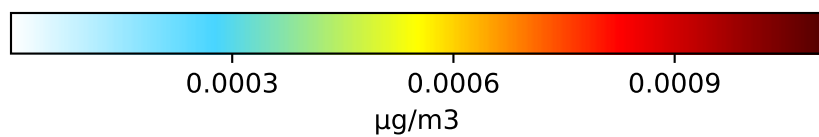
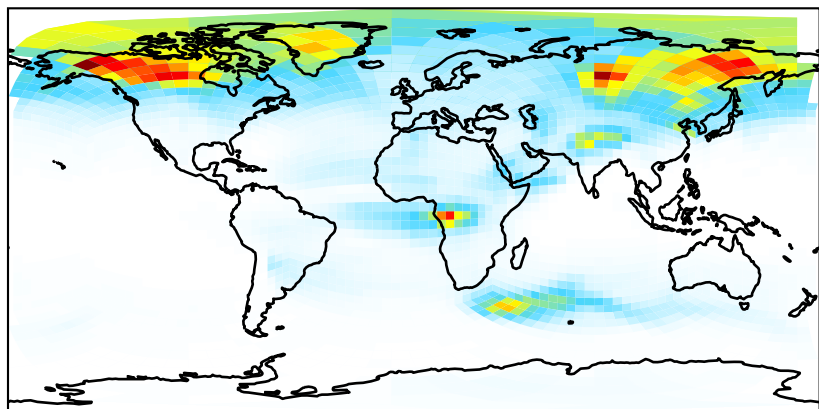


Ratio
Dev/Ref, Fixed Range

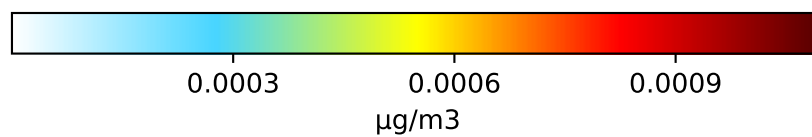
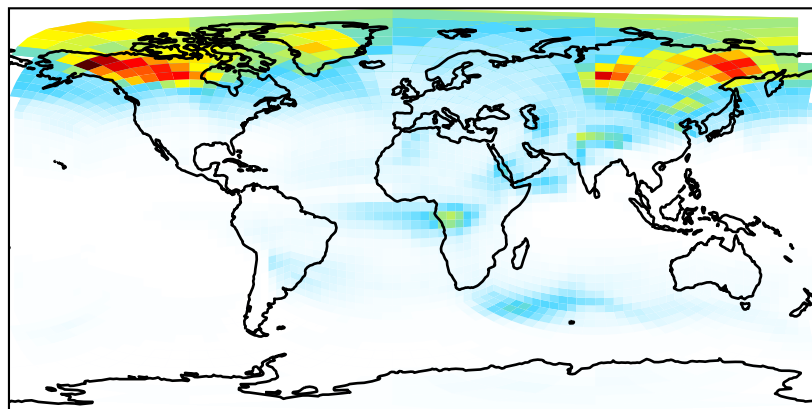


SpeciesConcVV_ASOA3

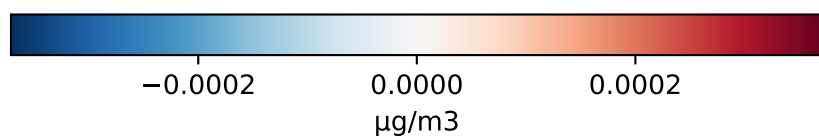
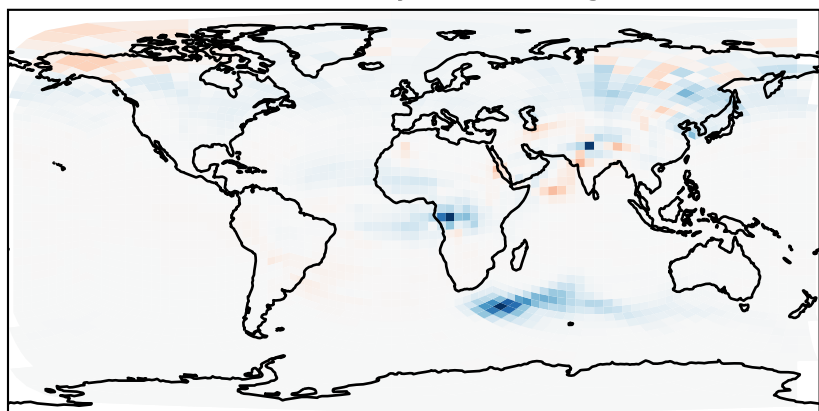
GCHP_14.2.0_MERRA2 (Ref)
c24



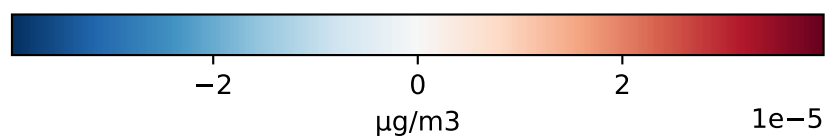
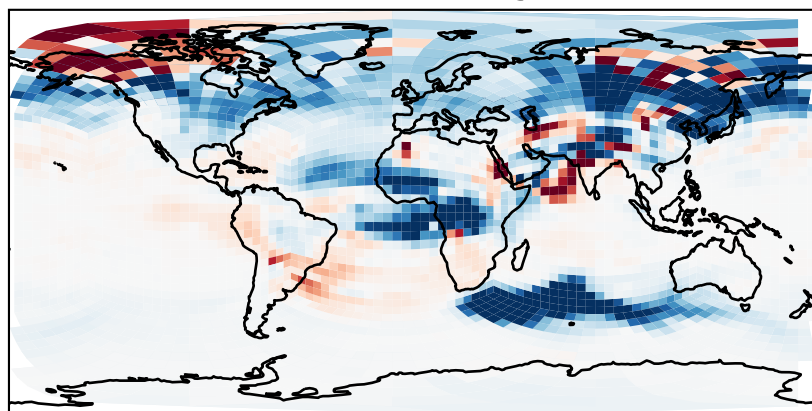
GCHP_14.2.0_GEOS-FP (Dev)
c24



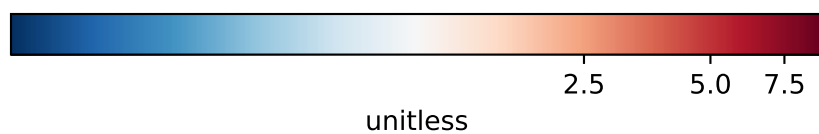
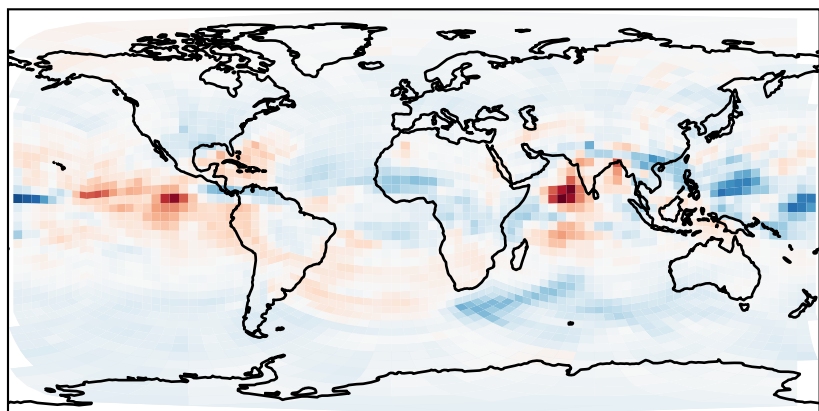
Difference
Dev - Ref, Dynamic Range



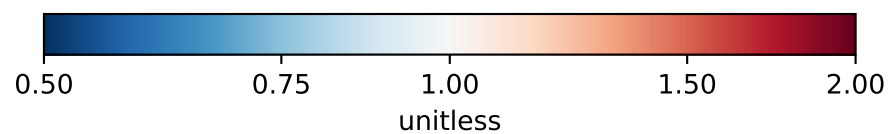
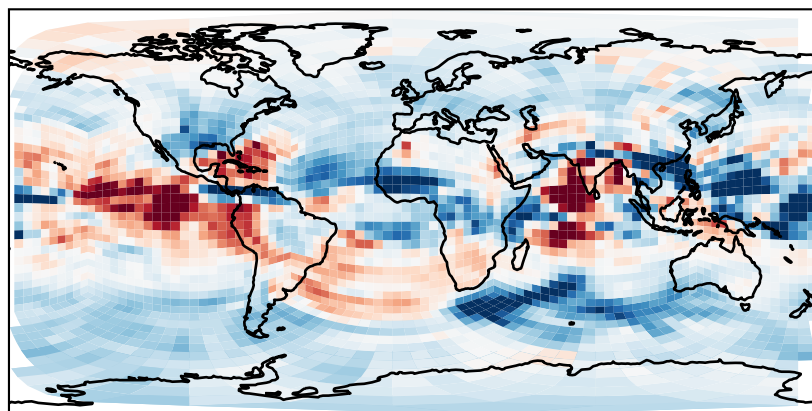
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

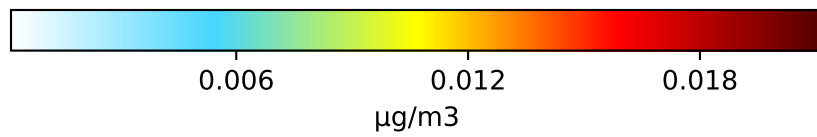
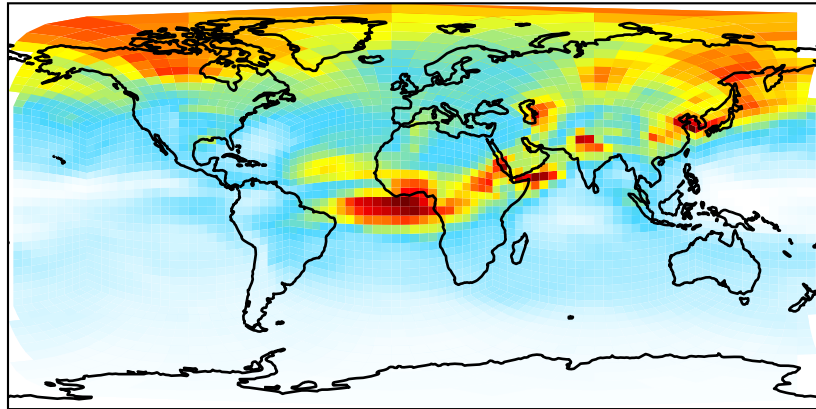


Ratio
Dev/Ref, Fixed Range

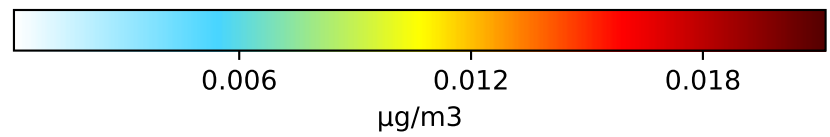
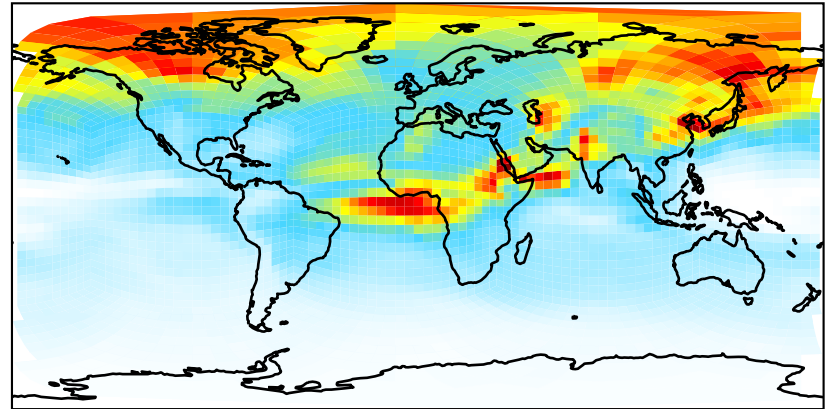


SpeciesConcVV_ASOAN

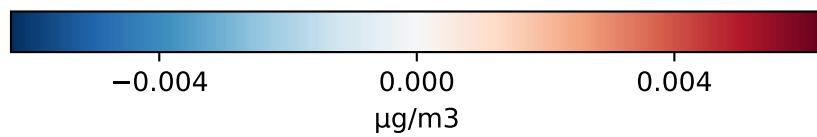
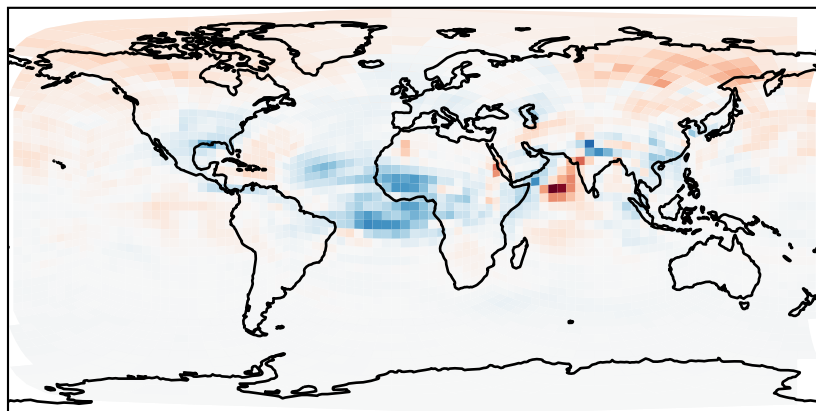
GCHP_14.2.0_MERRA2 (Ref)
c24



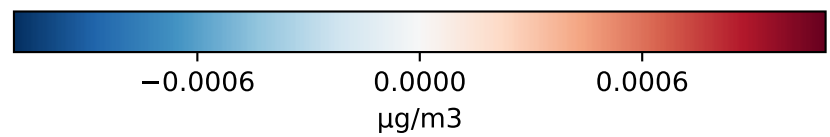
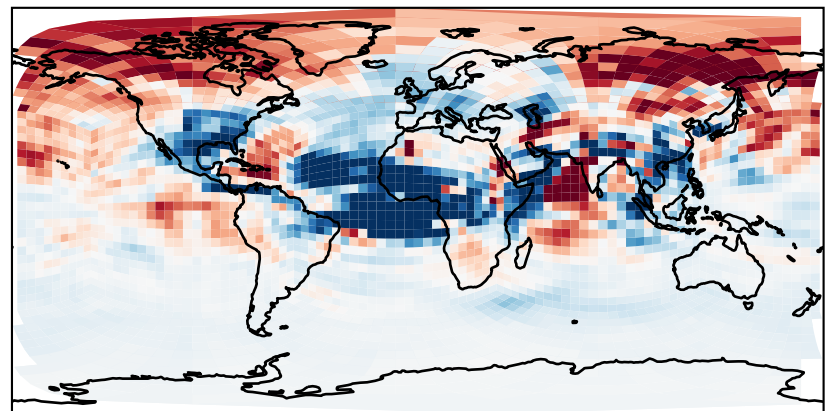
GCHP_14.2.0_GEOS-FP (Dev)
c24



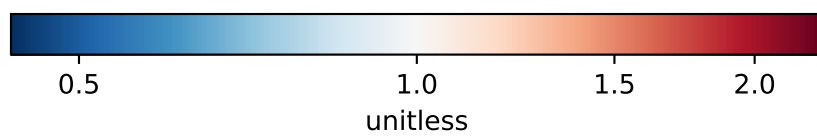
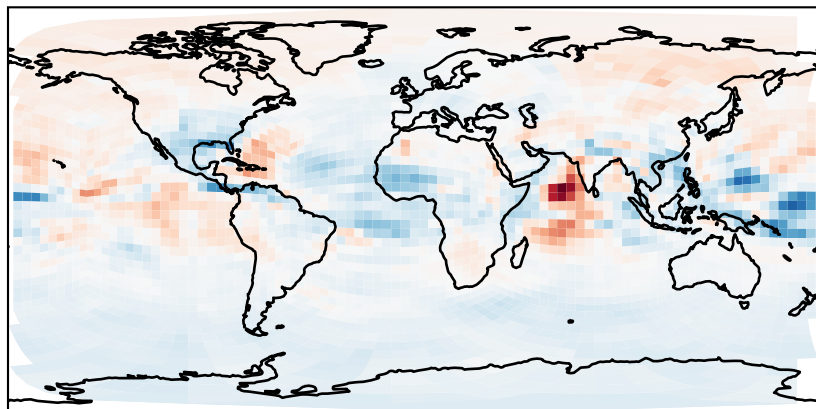
Difference
Dev - Ref, Dynamic Range



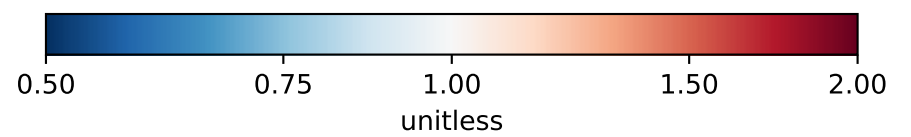
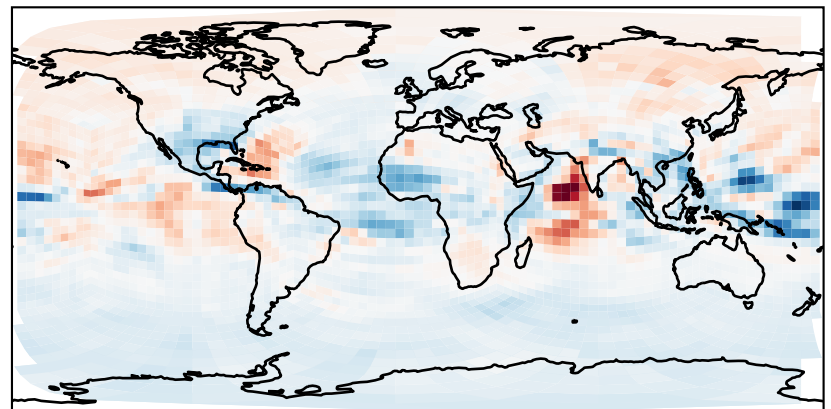
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

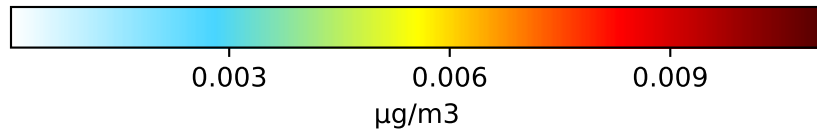
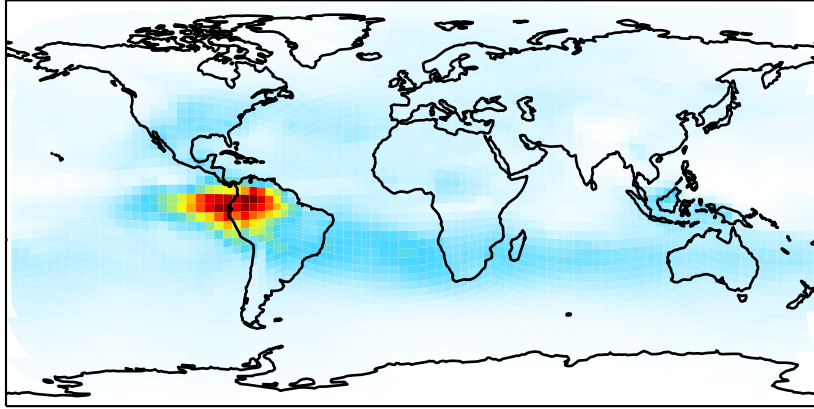


Ratio
Dev/Ref, Fixed Range

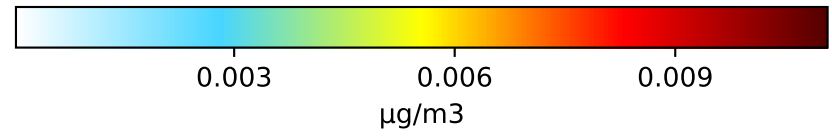
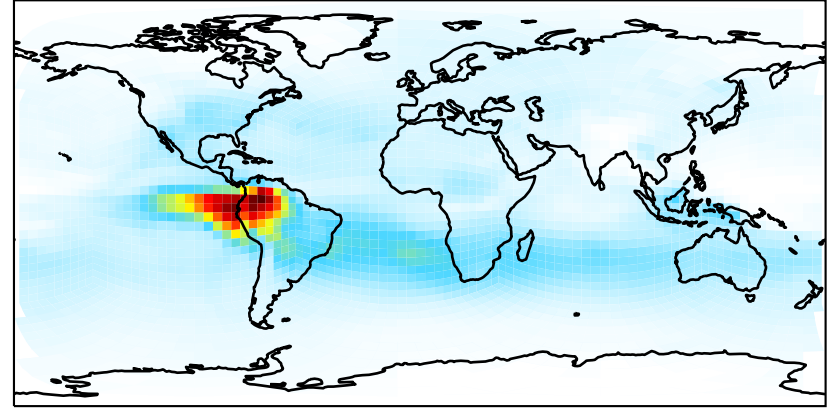


SpeciesConcVV_TSOG0

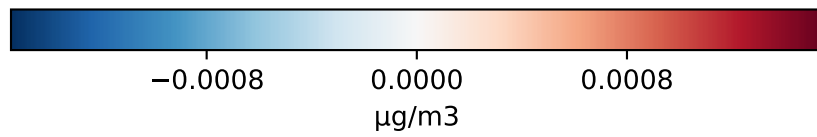
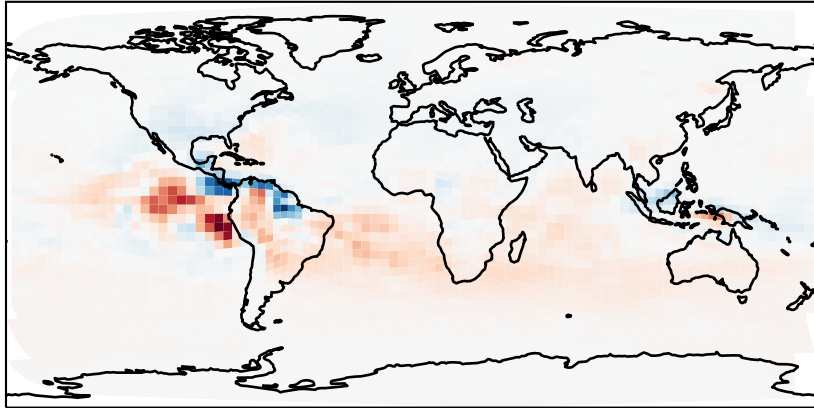
GCHP_14.2.0_MERRA2 (Ref)
c24



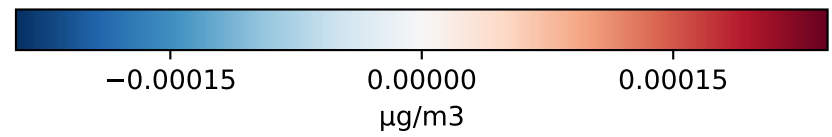
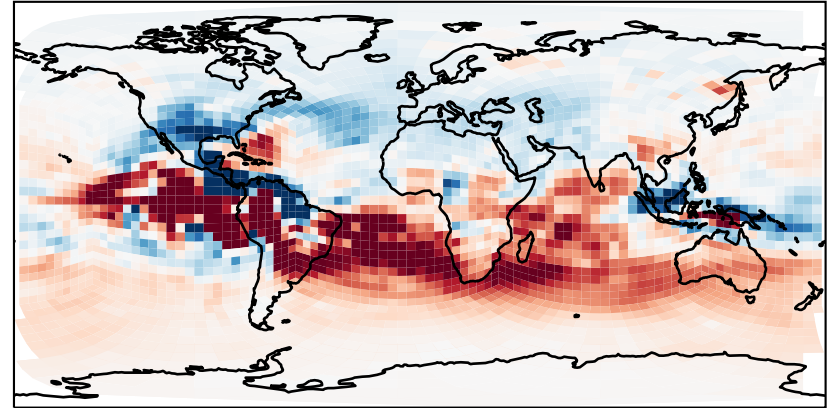
GCHP_14.2.0_GEOS-FP (Dev)
c24



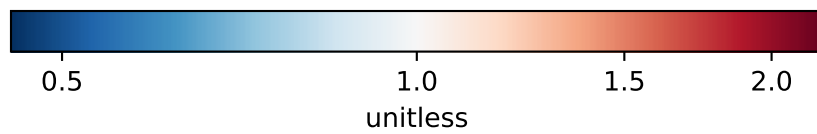
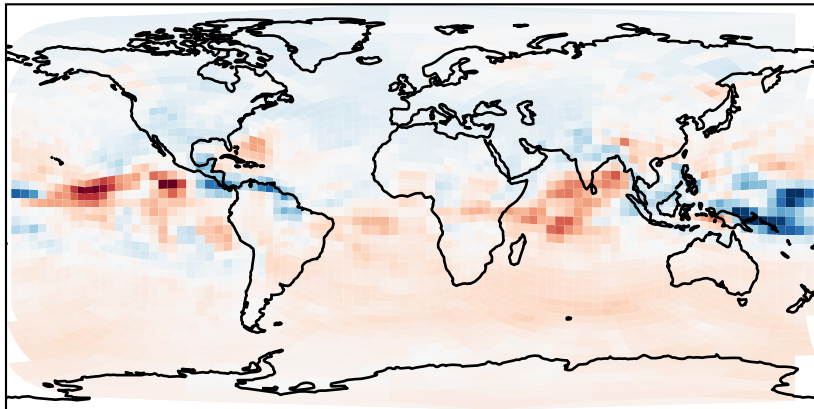
Difference
Dev - Ref, Dynamic Range



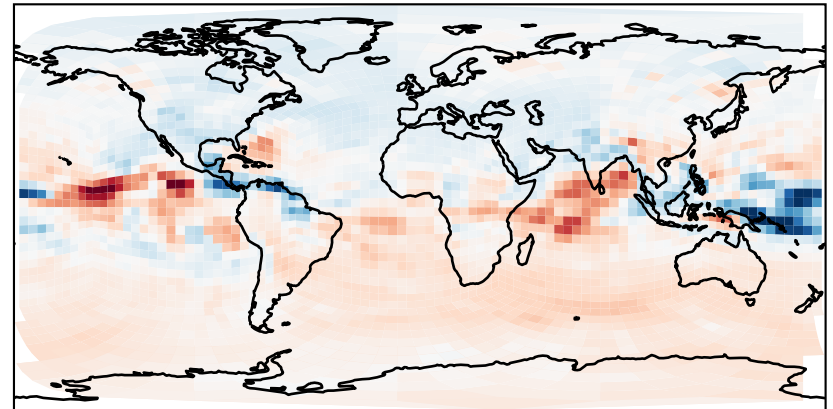
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

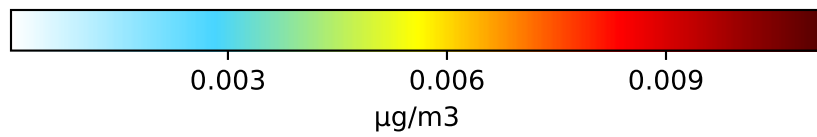
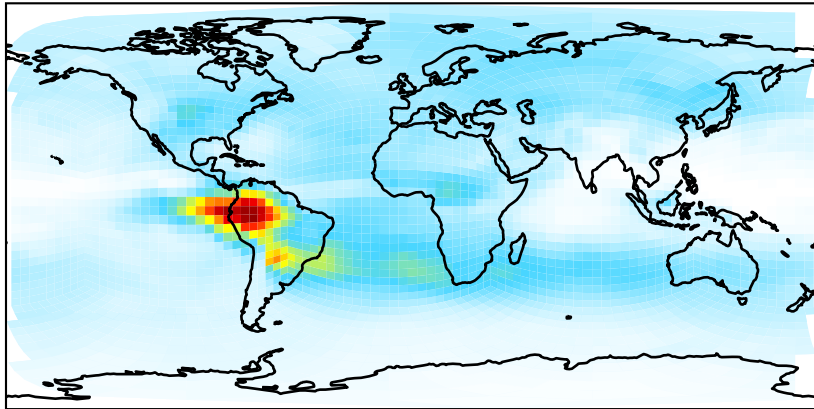


Ratio
Dev/Ref, Fixed Range

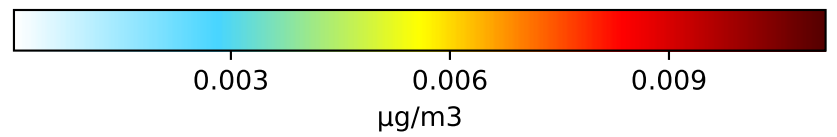
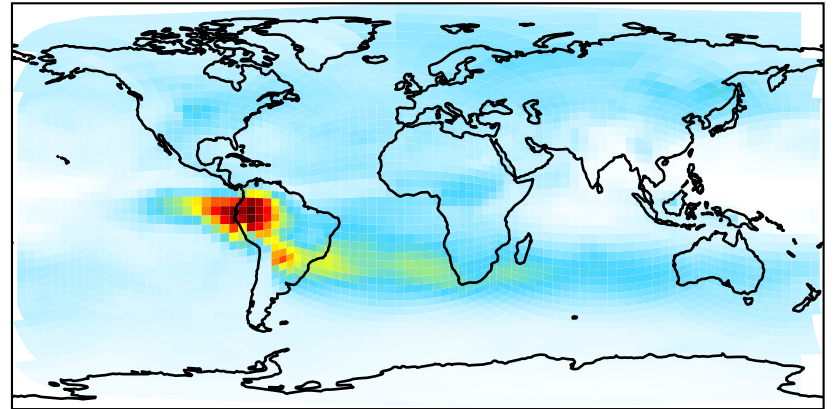


SpeciesConcVV_TSOG1

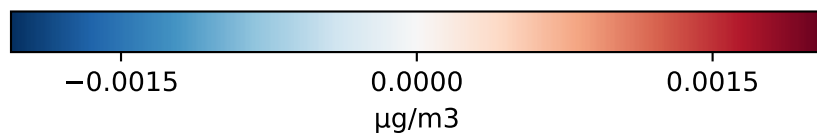
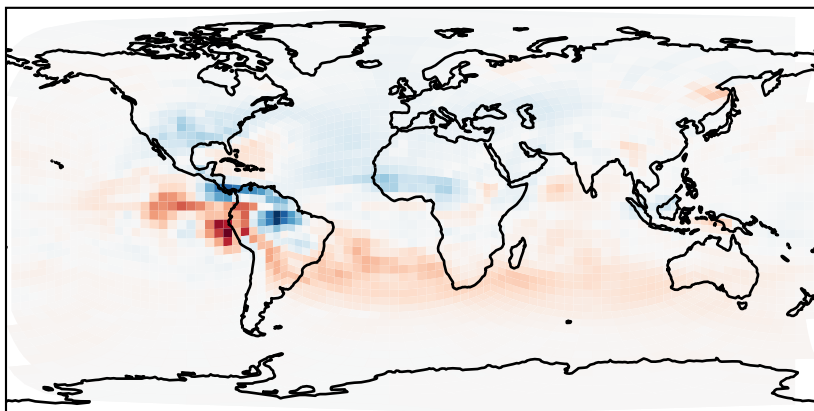
GCHP_14.2.0_MERRA2 (Ref)
c24



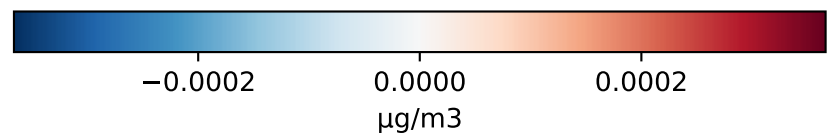
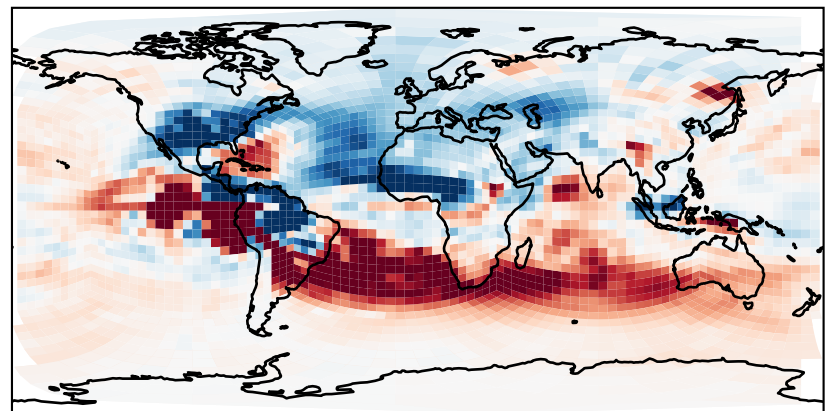
GCHP_14.2.0_GEOS-FP (Dev)
c24



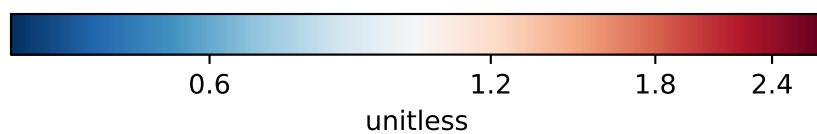
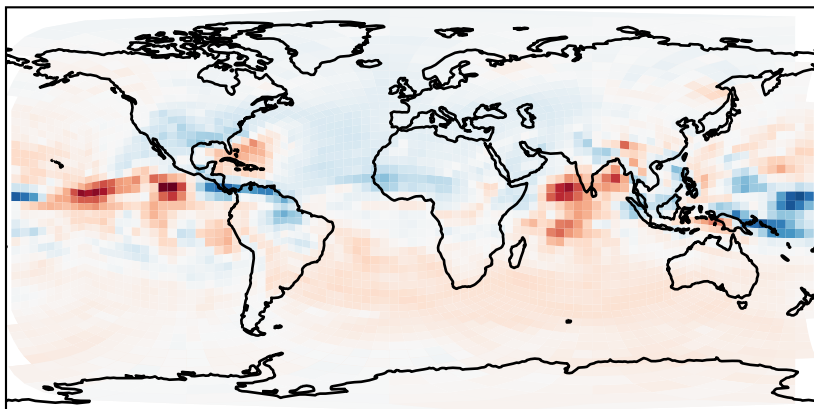
Difference
Dev - Ref, Dynamic Range



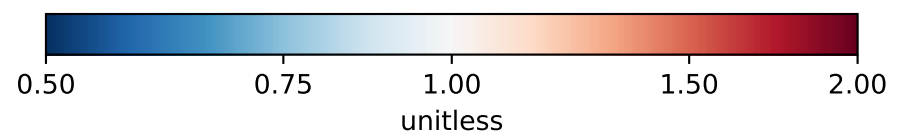
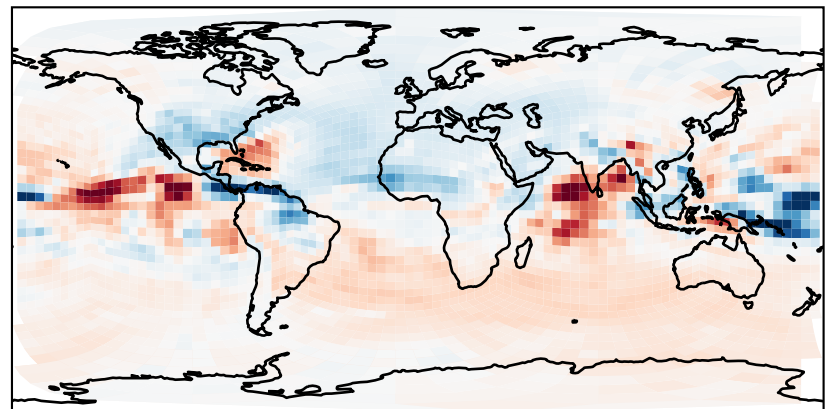
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

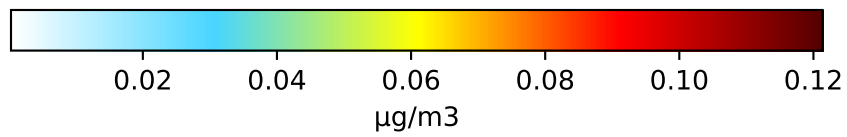
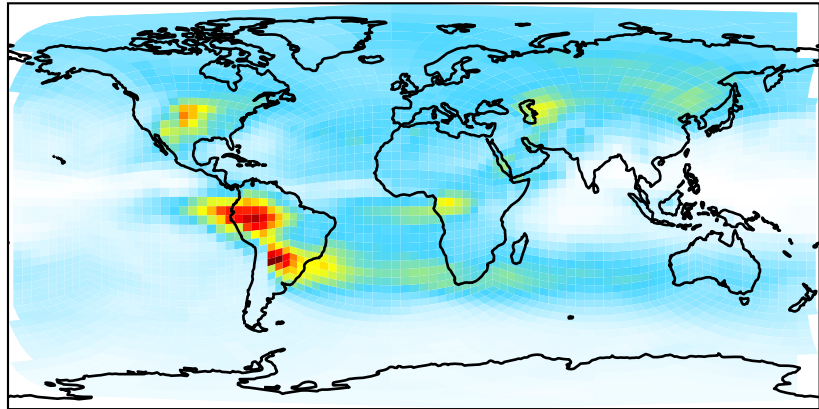


Ratio
Dev/Ref, Fixed Range

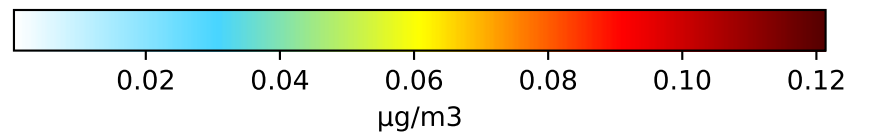
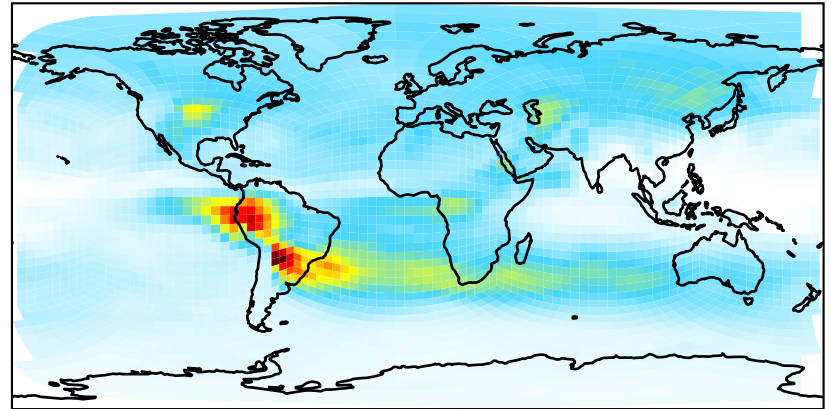


SpeciesConcVV_TSOG2

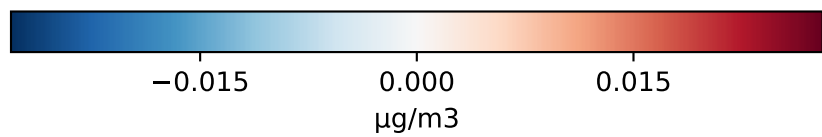
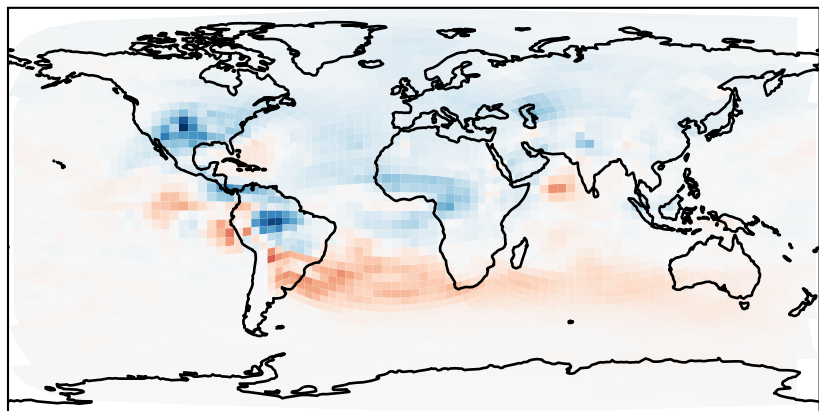
GCHP_14.2.0_MERRA2 (Ref)
c24



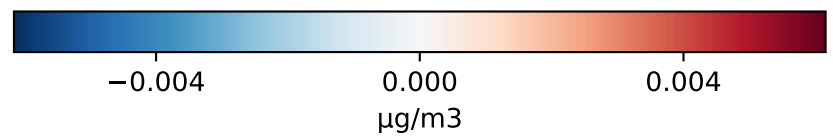
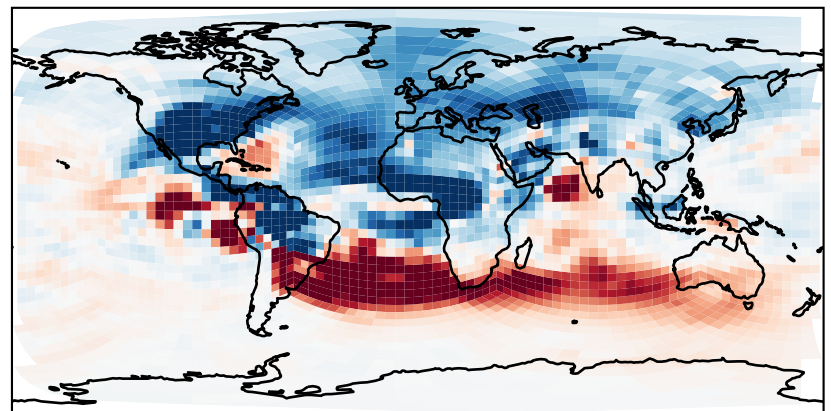
GCHP_14.2.0_GEOS-FP (Dev)
c24



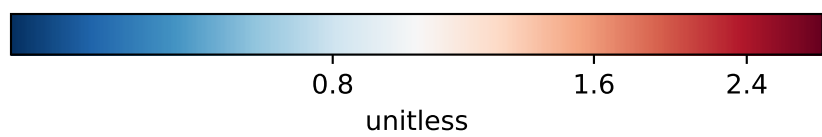
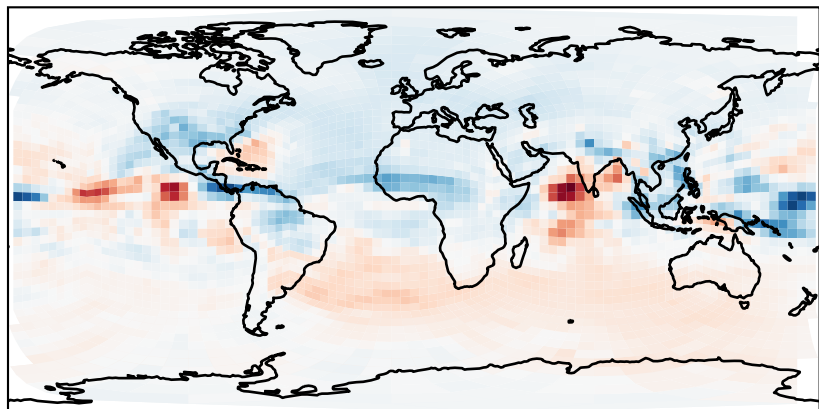
Difference
Dev - Ref, Dynamic Range



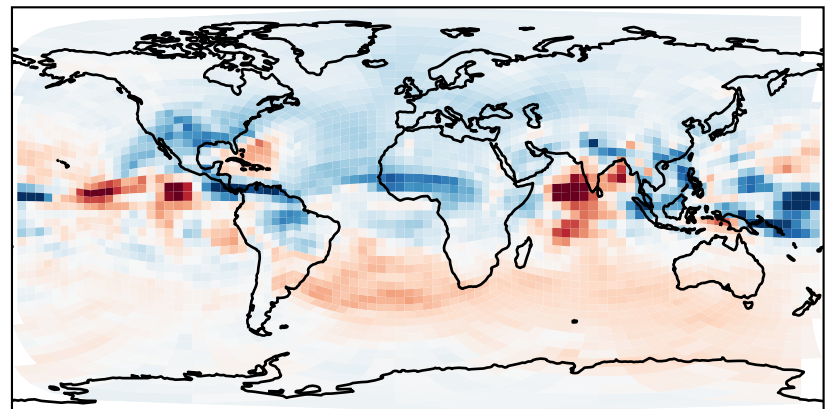
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

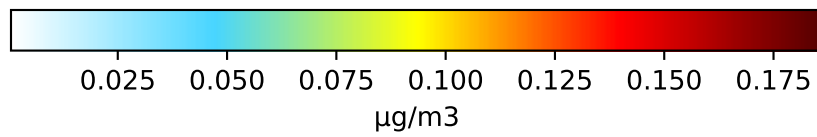
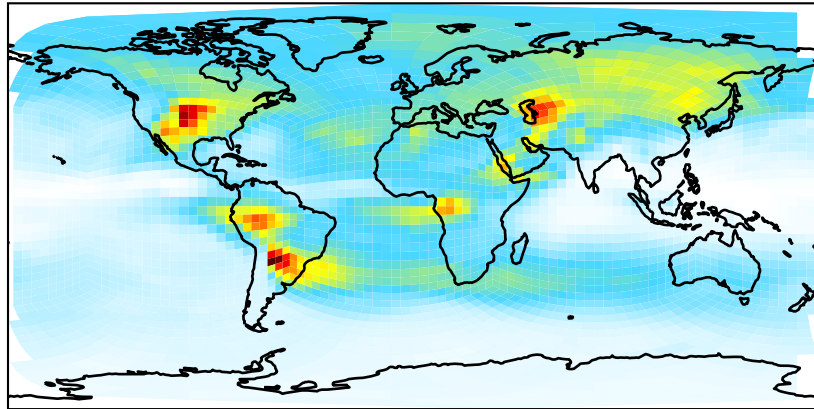


Ratio
Dev/Ref, Fixed Range

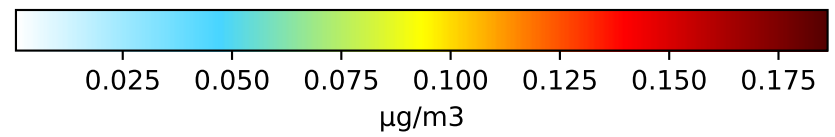
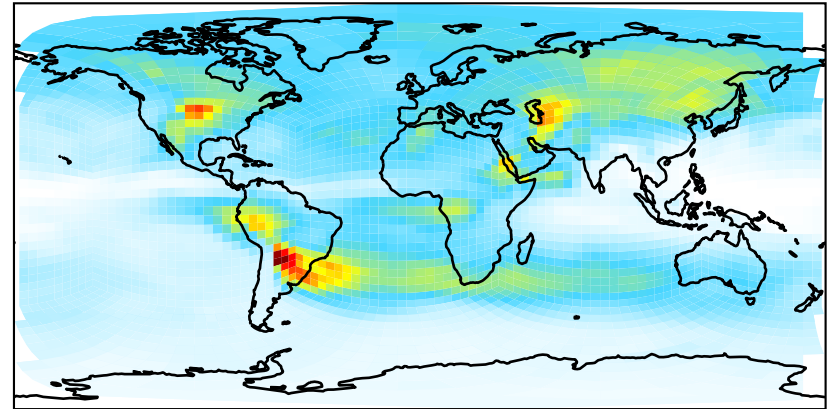


SpeciesConcVV_TSOG3

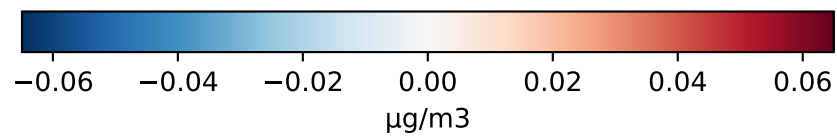
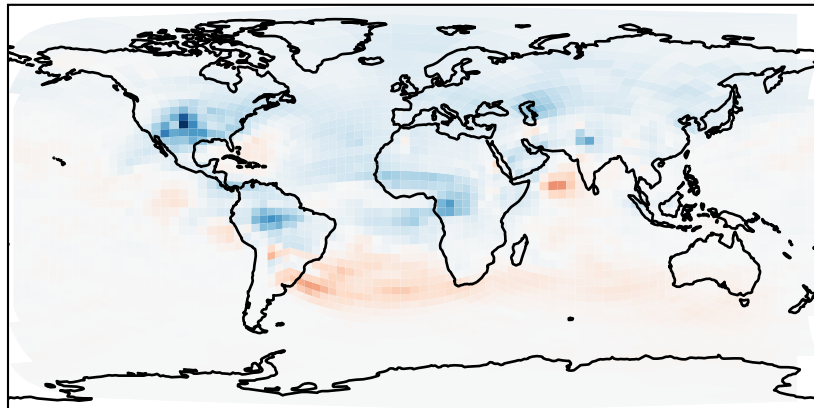
GCHP_14.2.0_MERRA2 (Ref)
c24



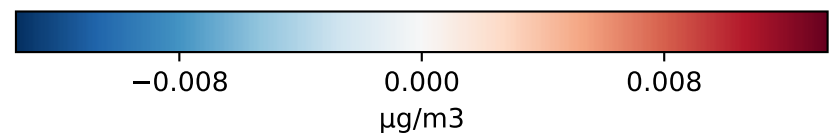
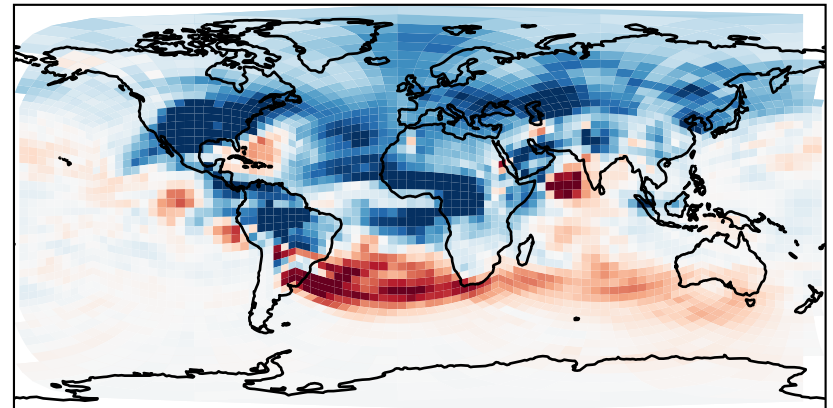
GCHP_14.2.0_GEOS-FP (Dev)
c24



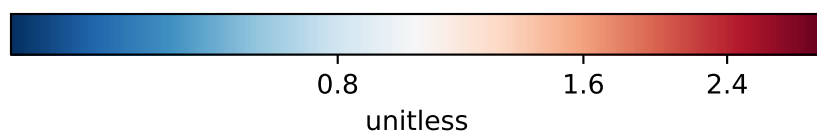
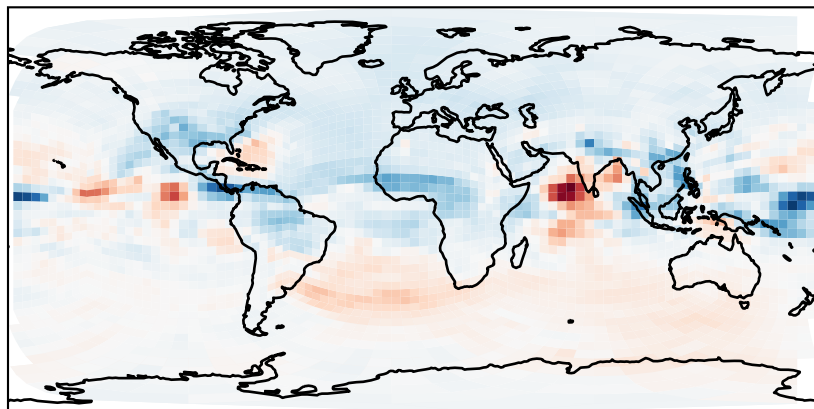
Difference
Dev - Ref, Dynamic Range



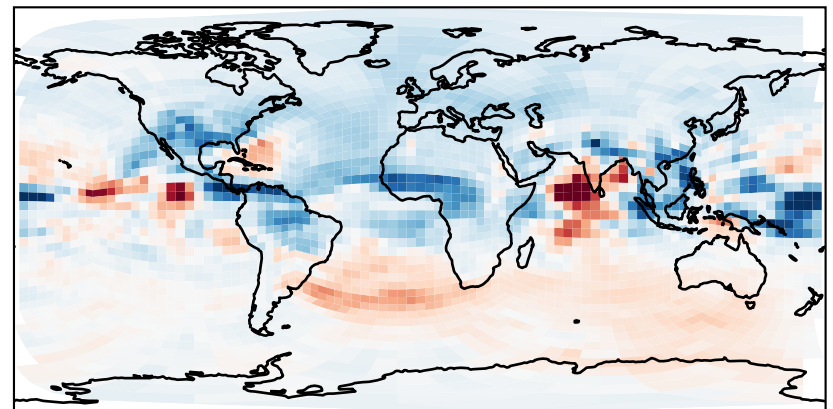
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

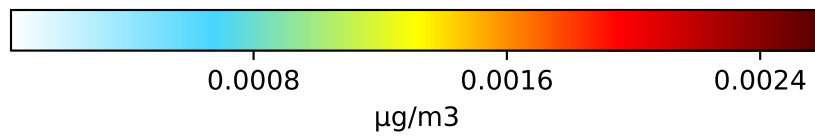
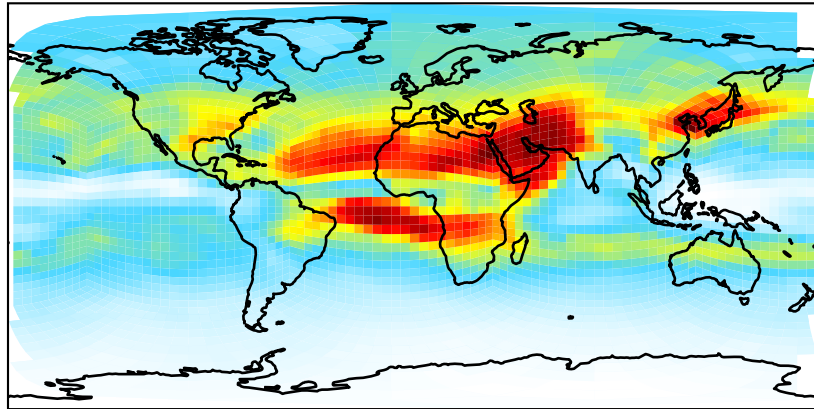


Ratio
Dev/Ref, Fixed Range

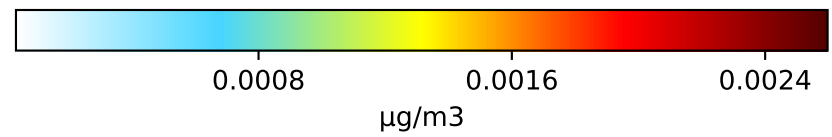
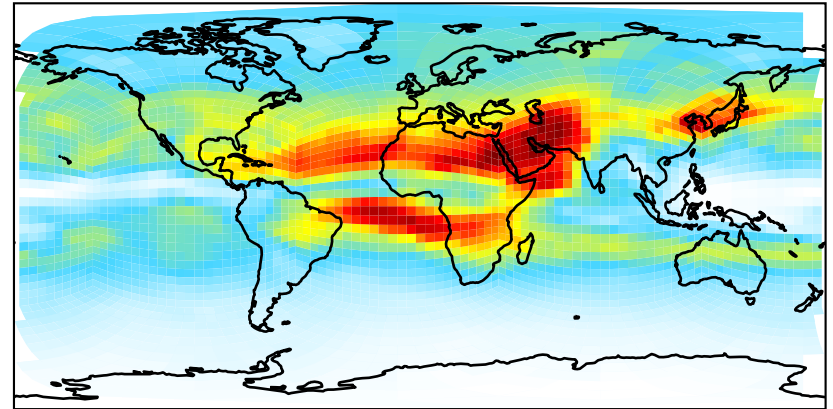


SpeciesConcVV_ASOG1

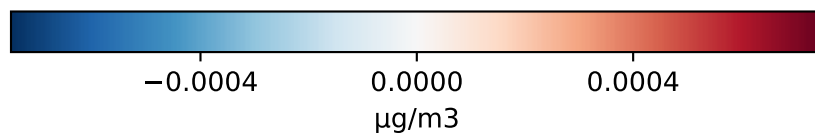
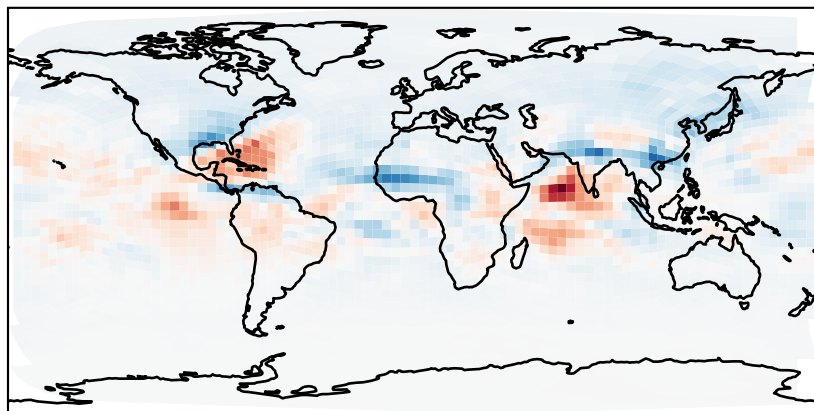
GCHP_14.2.0_MERRA2 (Ref)
c24



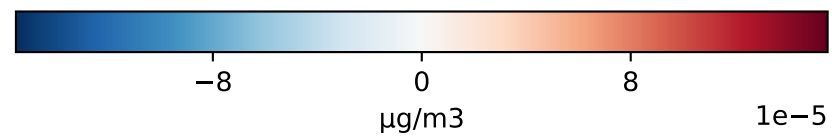
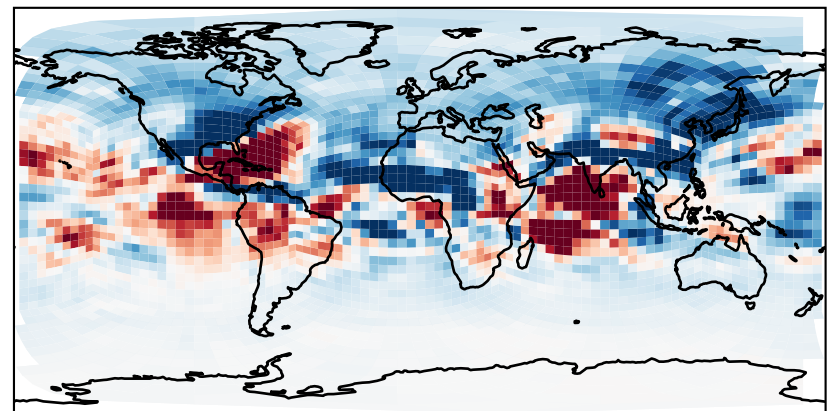
GCHP_14.2.0_GEOS-FP (Dev)
c24



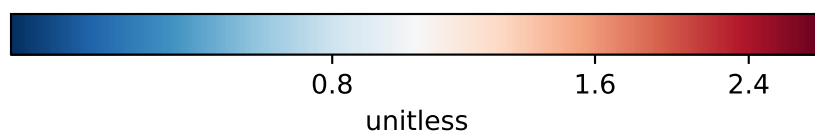
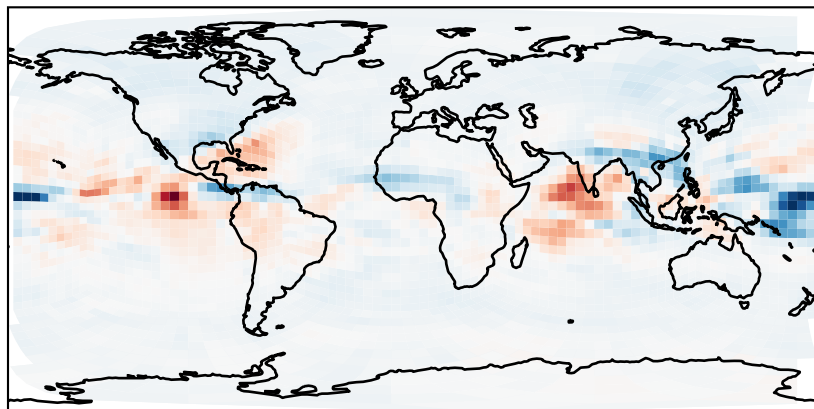
Difference
Dev - Ref, Dynamic Range



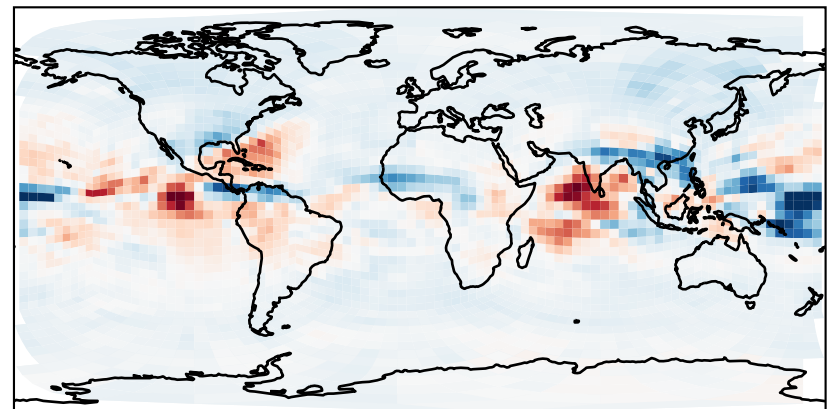
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

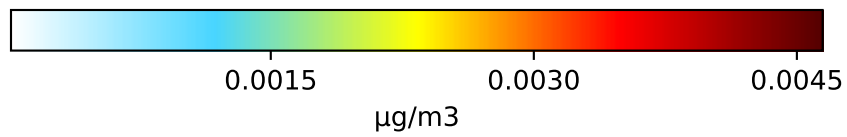
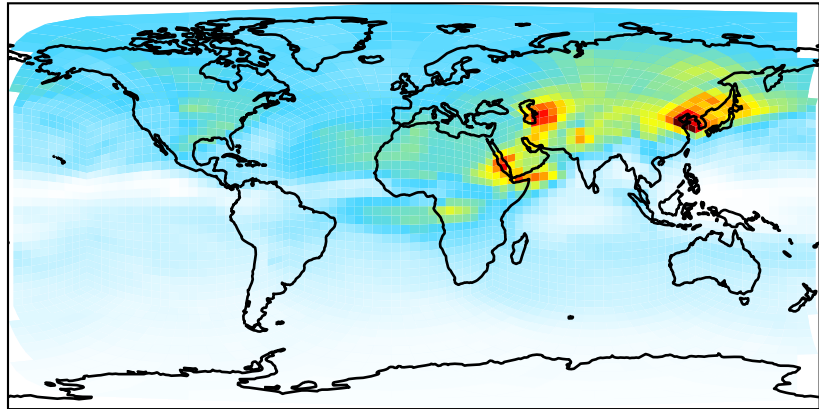


Ratio
Dev/Ref, Fixed Range

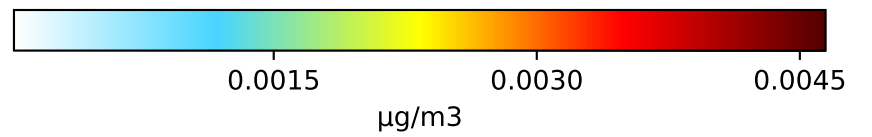
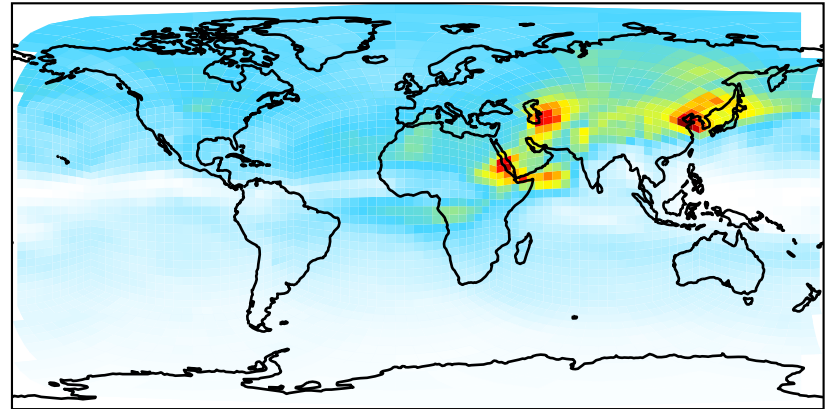


SpeciesConcVV_ASOG2

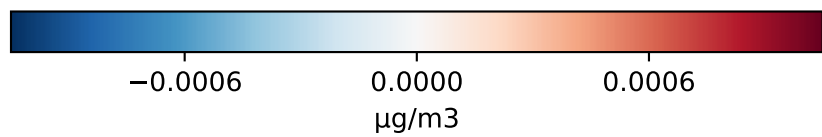
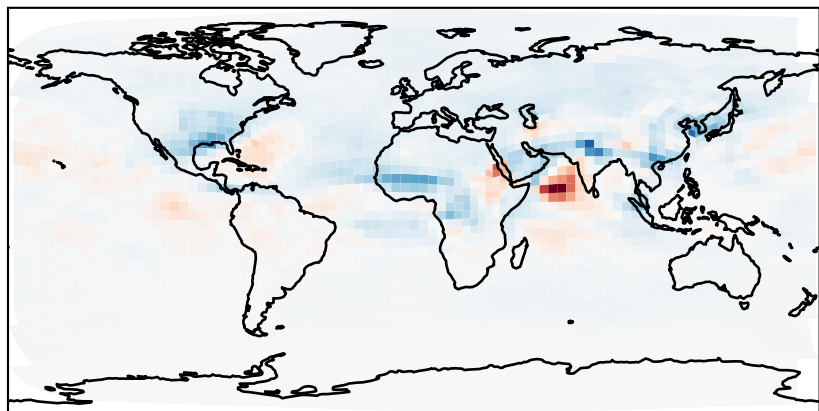
GCHP_14.2.0_MERRA2 (Ref)
c24



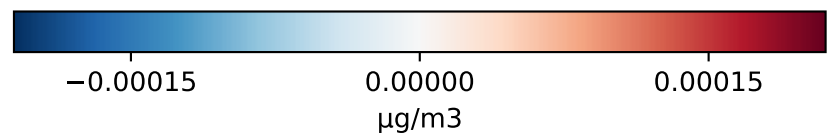
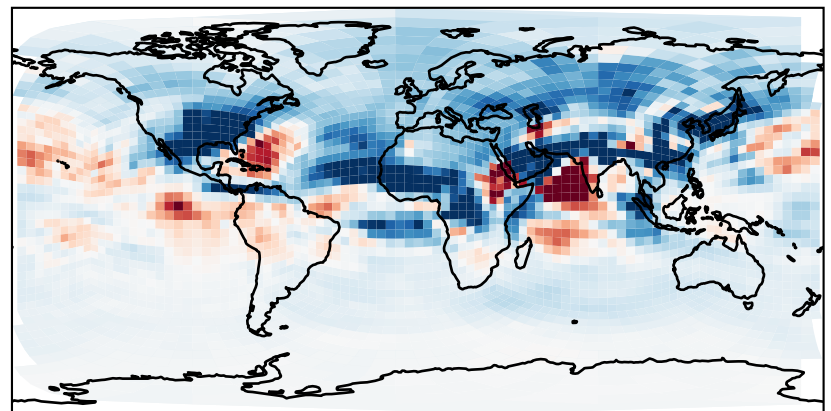
GCHP_14.2.0_GEOS-FP (Dev)
c24



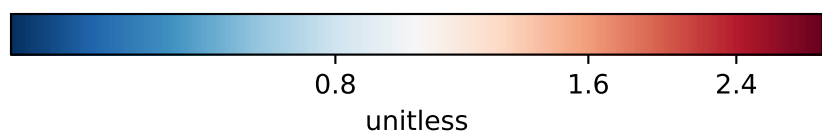
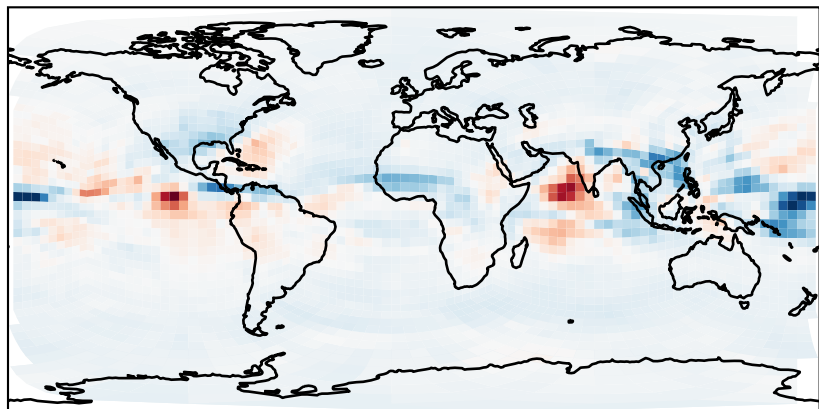
Difference
Dev - Ref, Dynamic Range



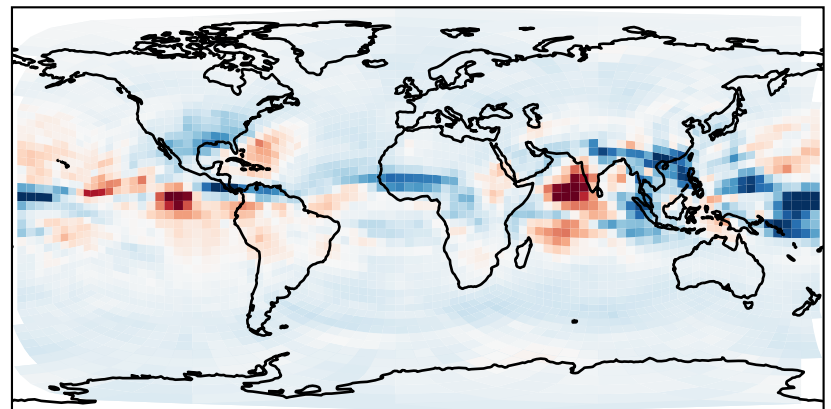
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

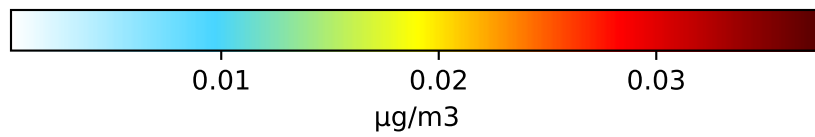
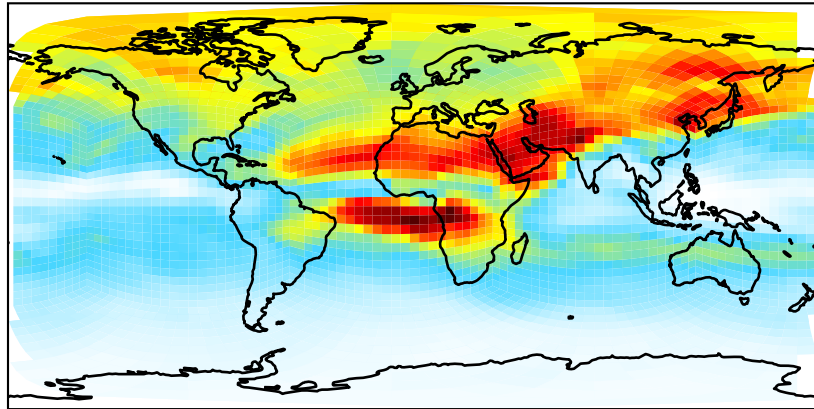


Ratio
Dev/Ref, Fixed Range

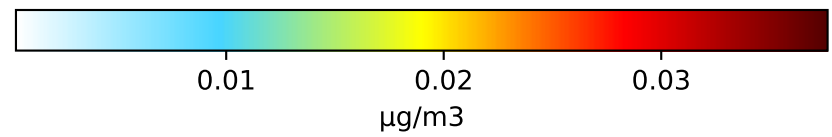
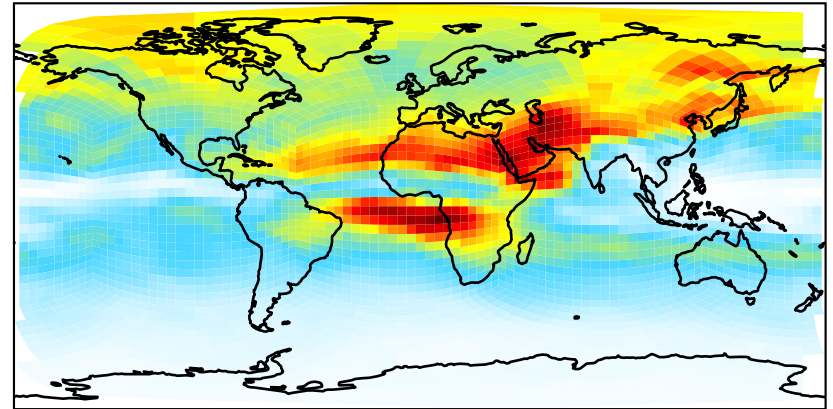


SpeciesConcVV_ASOG3

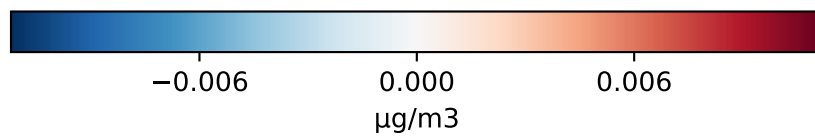
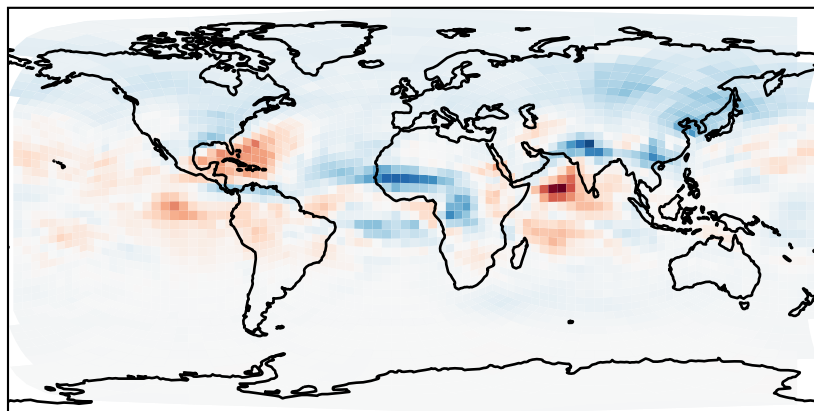
GCHP_14.2.0_MERRA2 (Ref)
c24



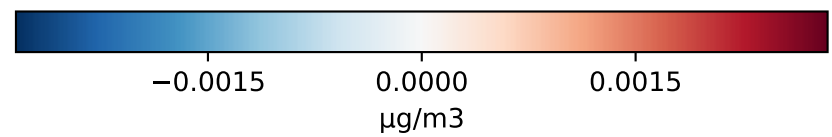
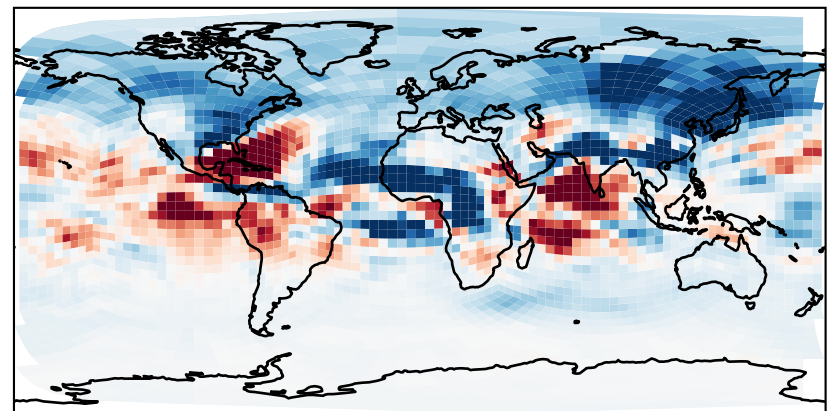
GCHP_14.2.0_GEOS-FP (Dev)
c24



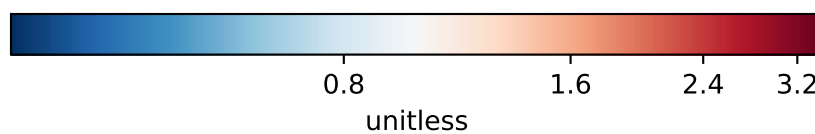
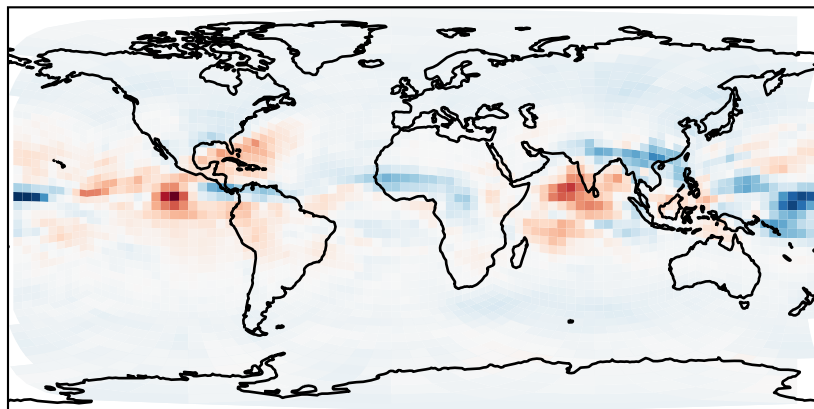
Difference
Dev - Ref, Dynamic Range



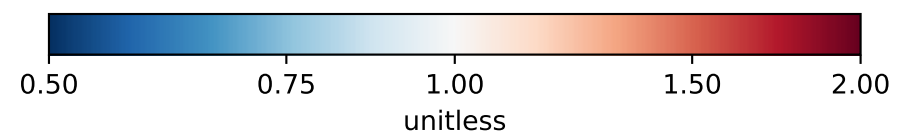
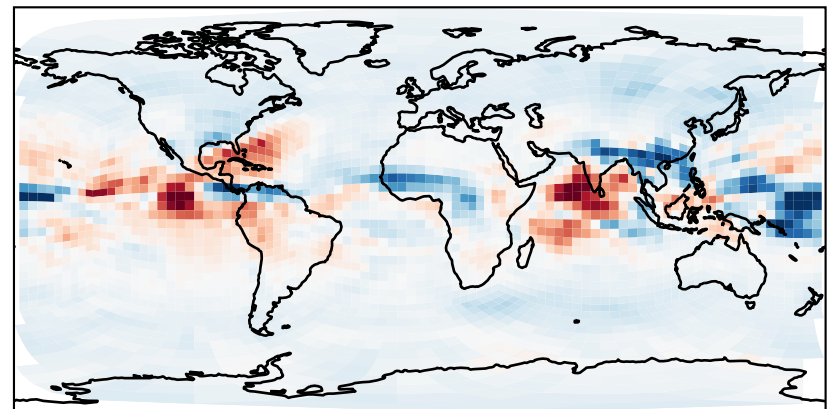
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

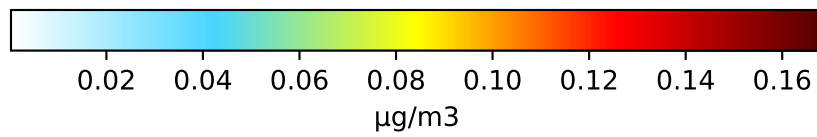
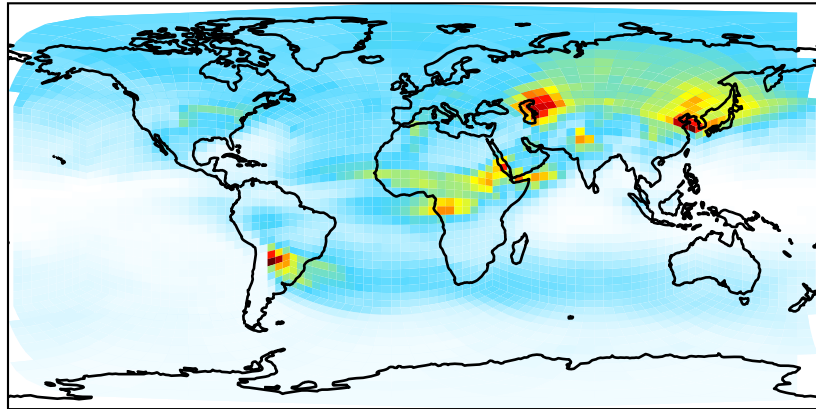


Ratio
Dev/Ref, Fixed Range

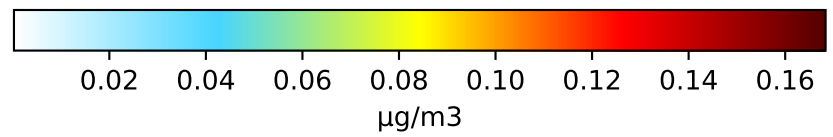
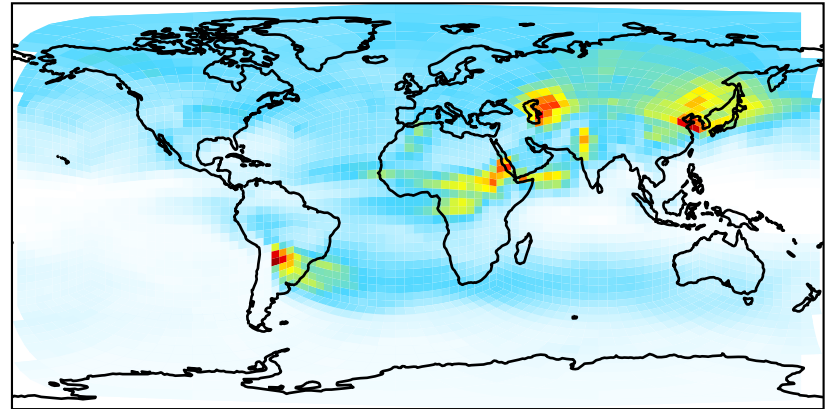


SpeciesConcVV_INDIOL

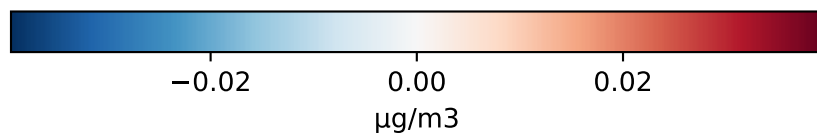
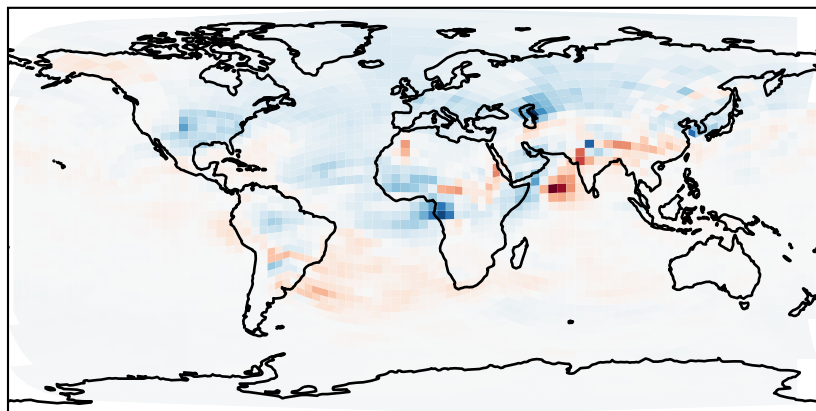
GCHP_14.2.0_MERRA2 (Ref)
c24



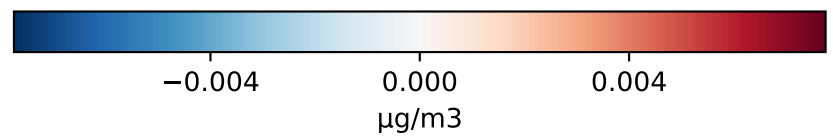
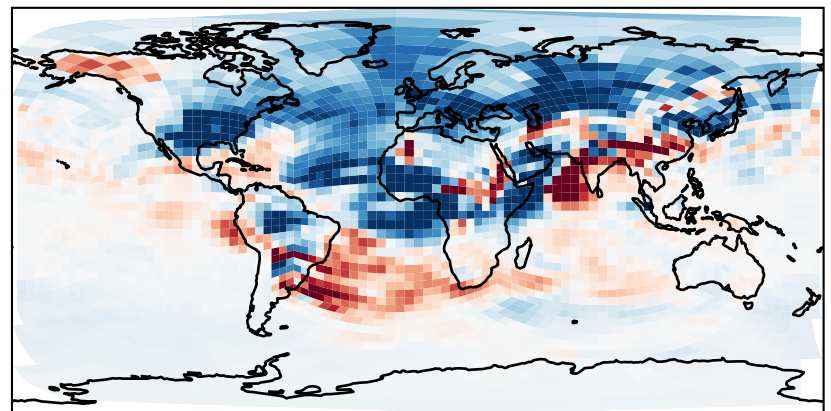
GCHP_14.2.0_GEOS-FP (Dev)
c24



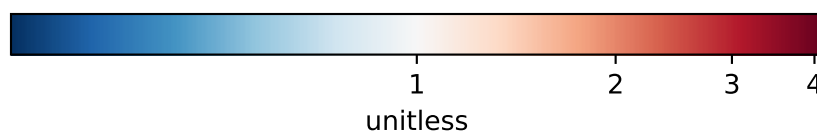
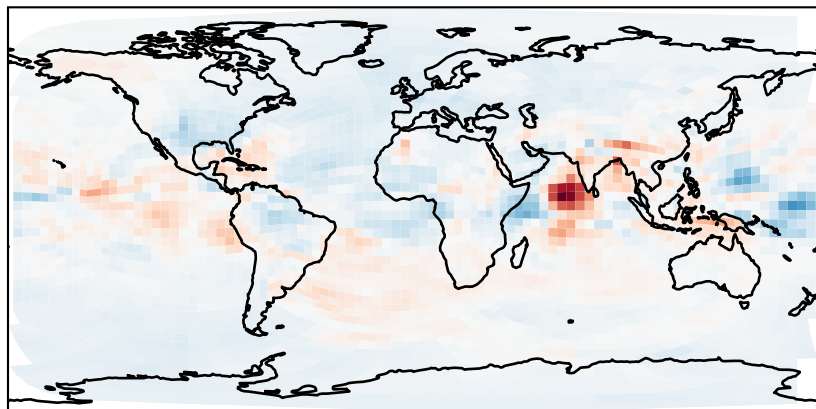
Difference
Dev - Ref, Dynamic Range



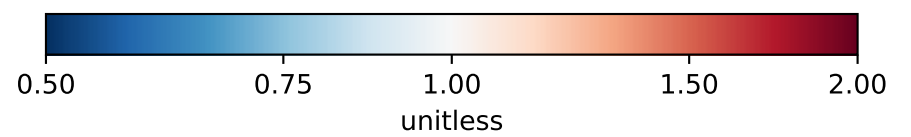
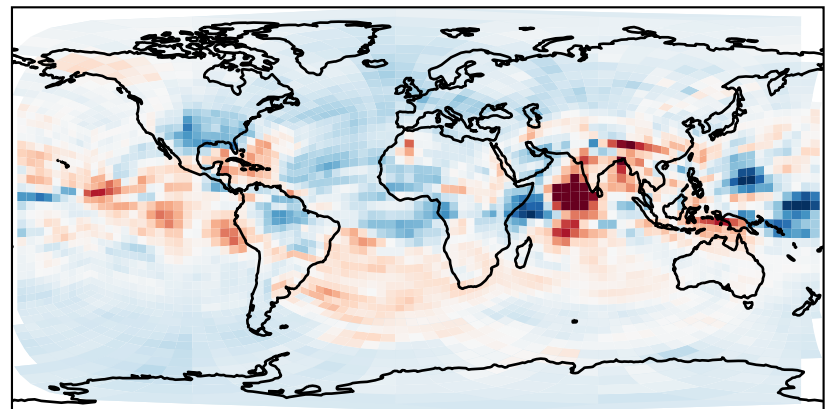
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

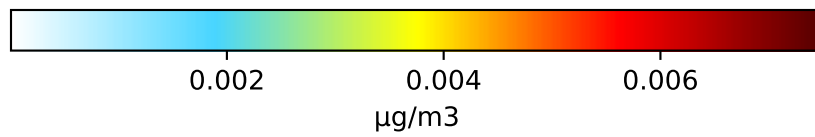
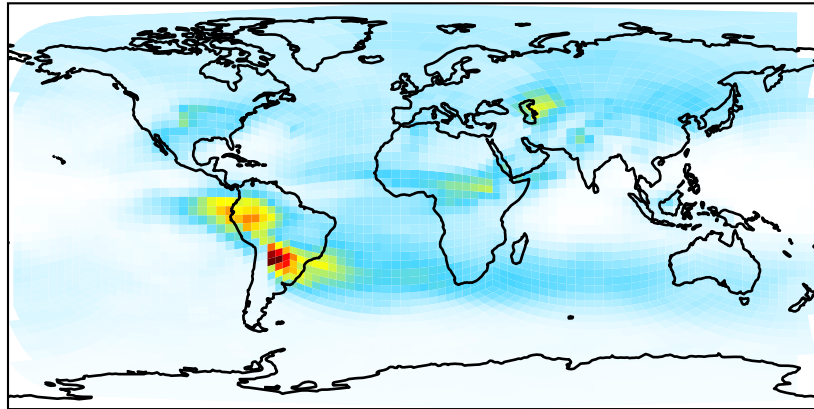


Ratio
Dev/Ref, Fixed Range

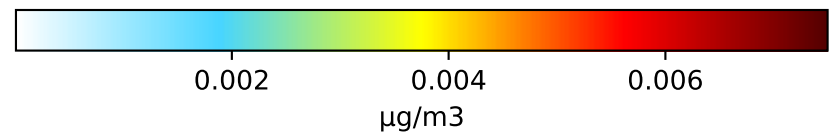
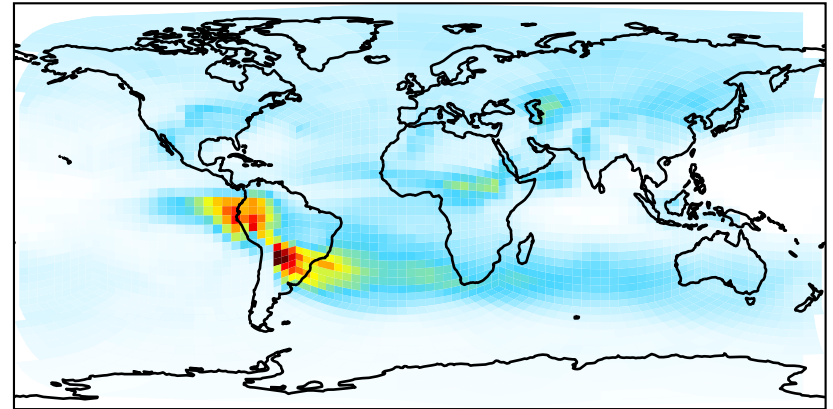


SpeciesConcVV_LVOCOA

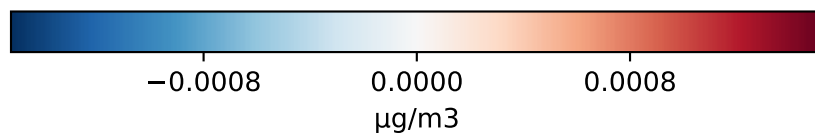
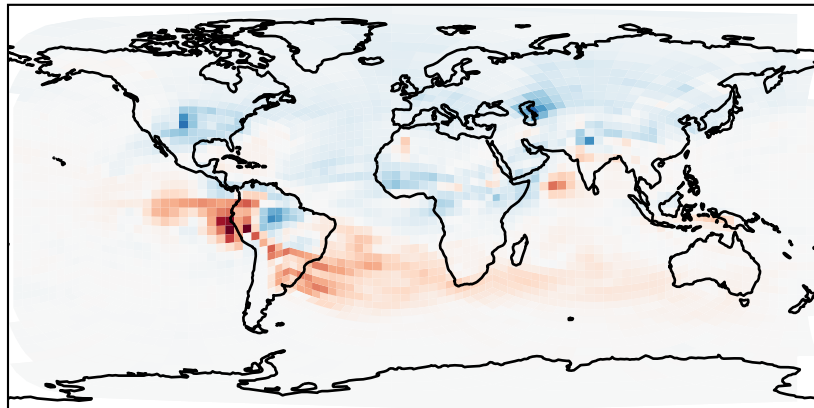
GCHP_14.2.0_MERRA2 (Ref)
c24



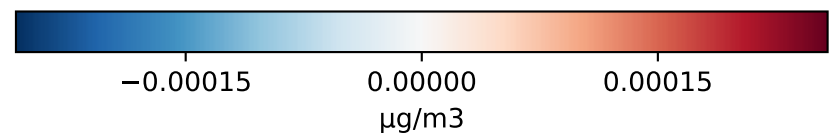
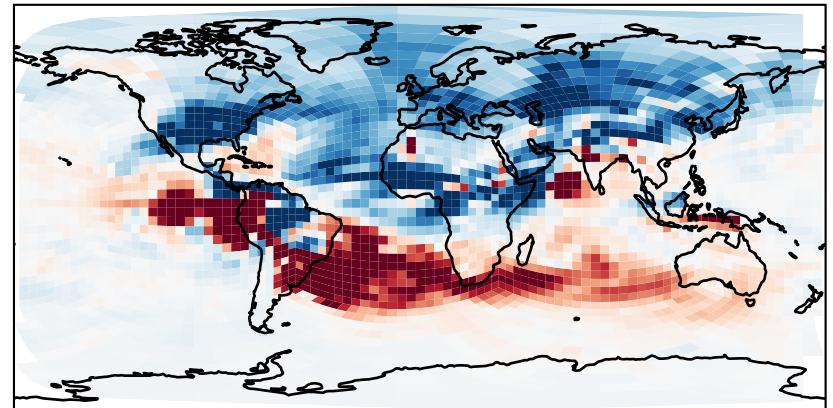
GCHP_14.2.0_GEOS-FP (Dev)
c24



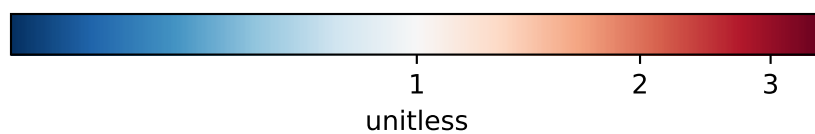
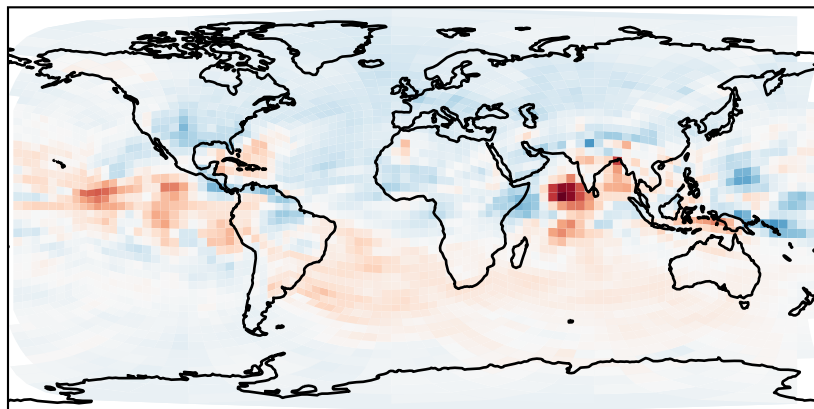
Difference
Dev - Ref, Dynamic Range



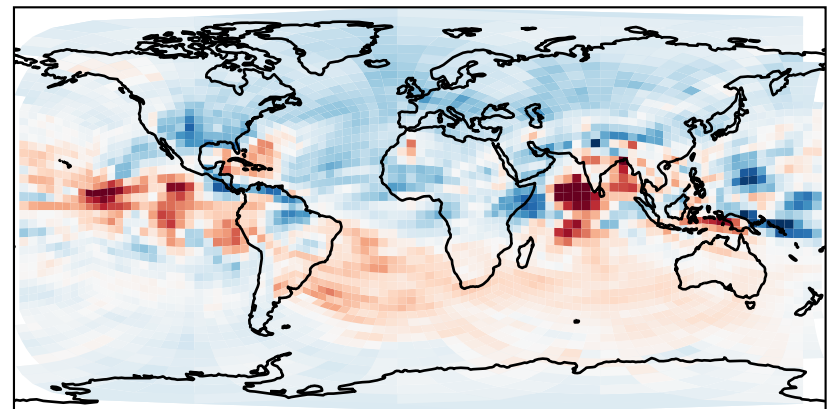
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

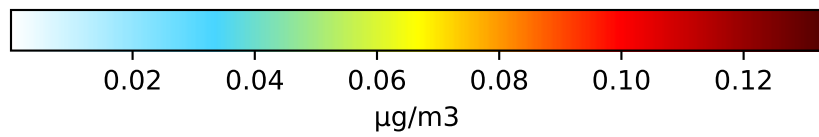
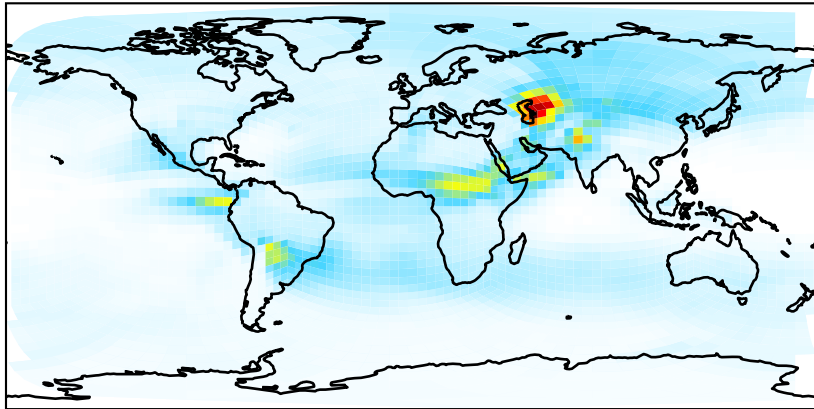


Ratio
Dev/Ref, Fixed Range

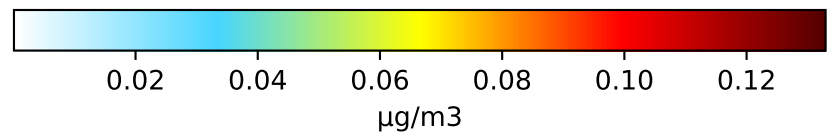
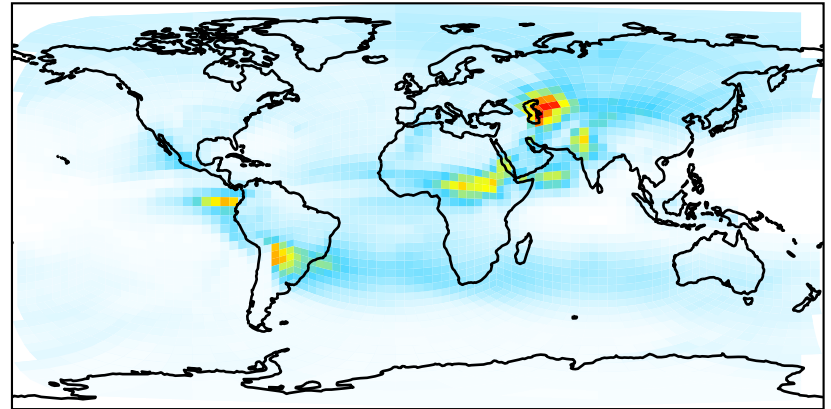


SpeciesConcVV_SOAIE

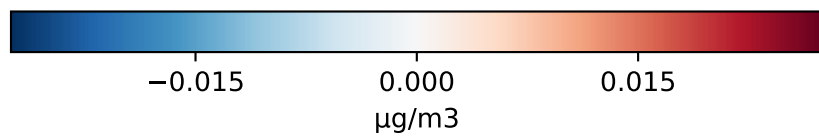
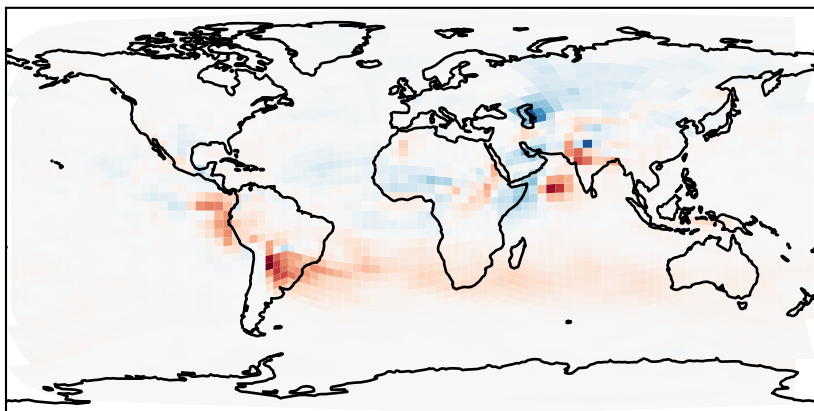
GCHP_14.2.0_MERRA2 (Ref)
c24



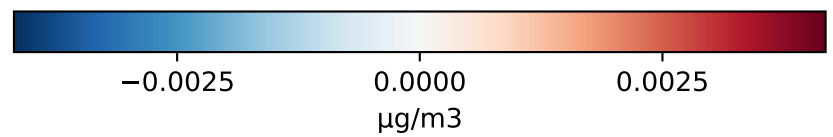
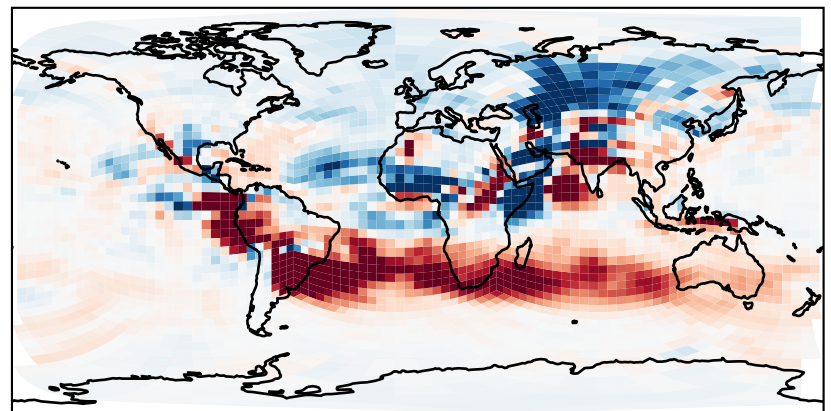
GCHP_14.2.0_GEOS-FP (Dev)
c24



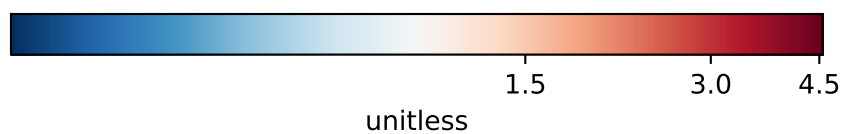
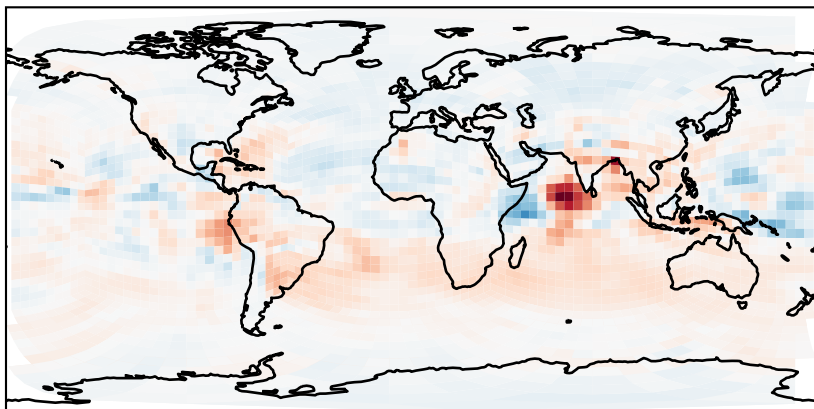
Difference
Dev - Ref, Dynamic Range



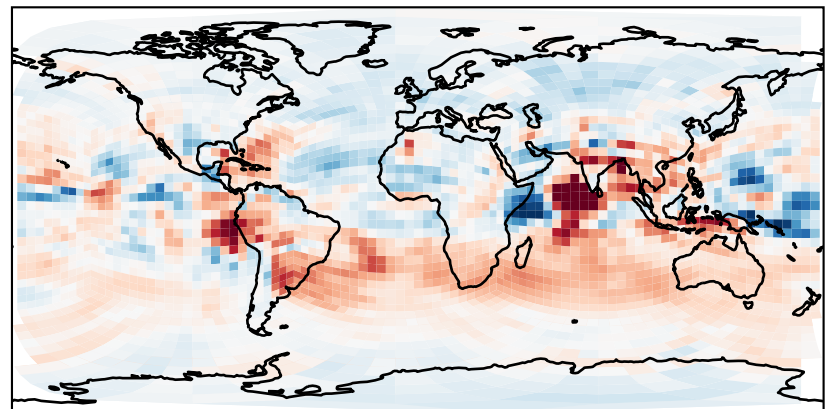
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

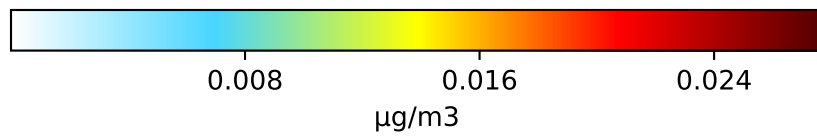
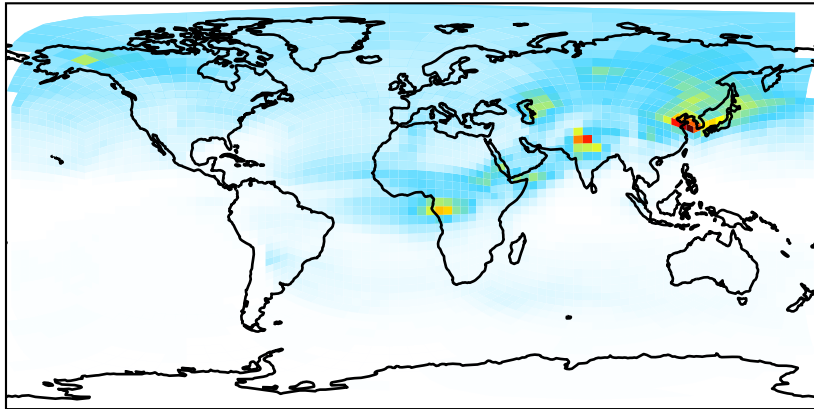


Ratio
Dev/Ref, Fixed Range

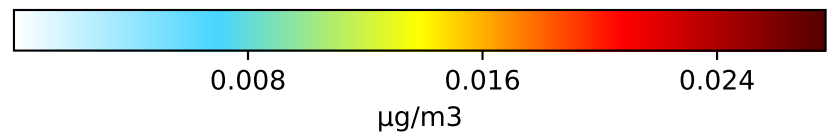
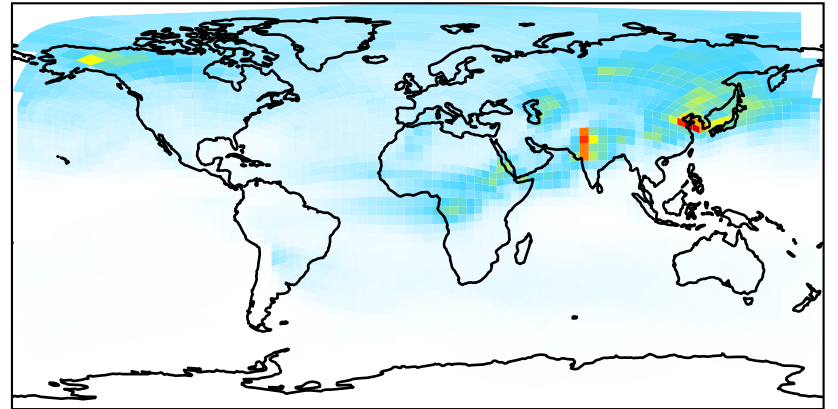


SpeciesConcVV_SOAGX

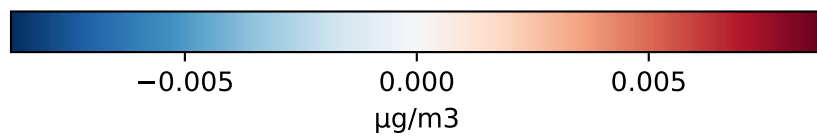
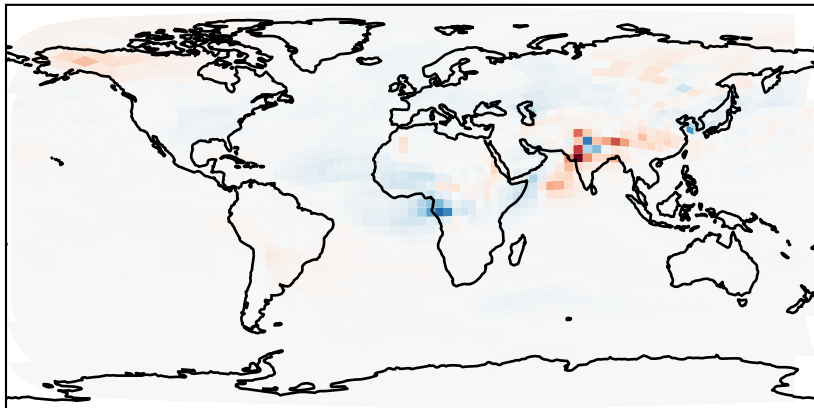
GCHP_14.2.0_MERRA2 (Ref)
c24



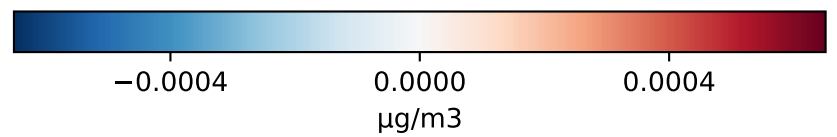
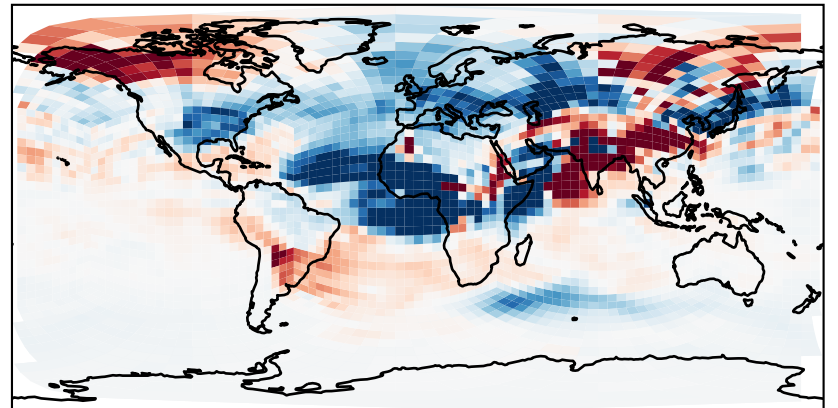
GCHP_14.2.0_GEOS-FP (Dev)
c24



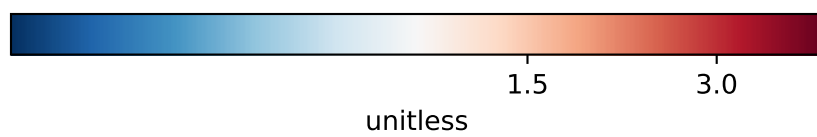
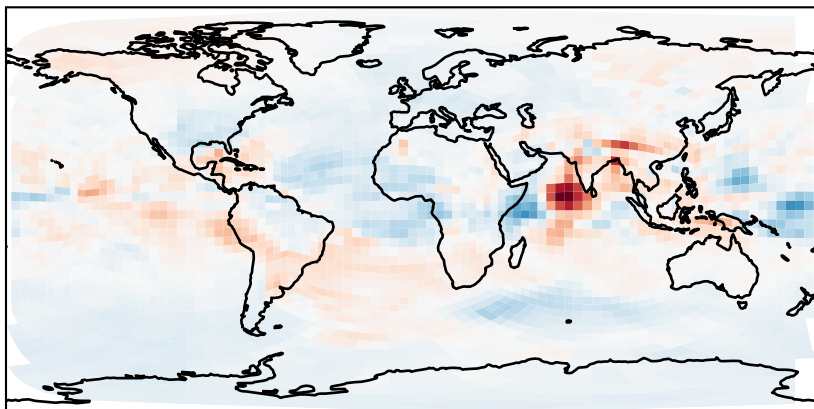
Difference
Dev - Ref, Dynamic Range



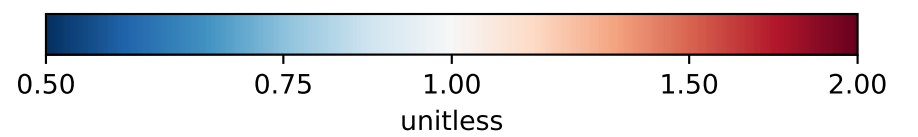
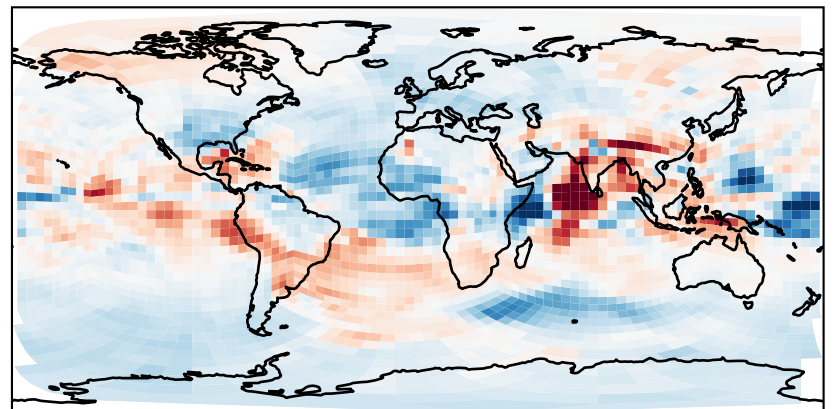
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

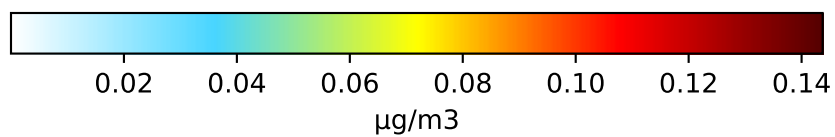
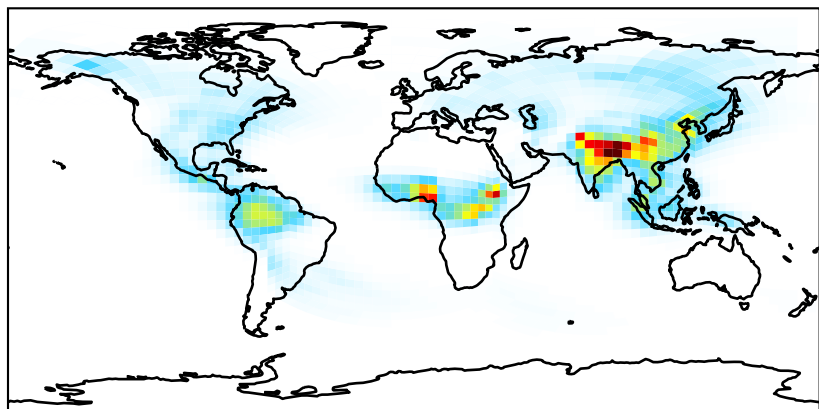


Ratio
Dev/Ref, Fixed Range

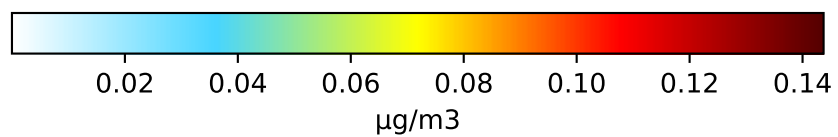
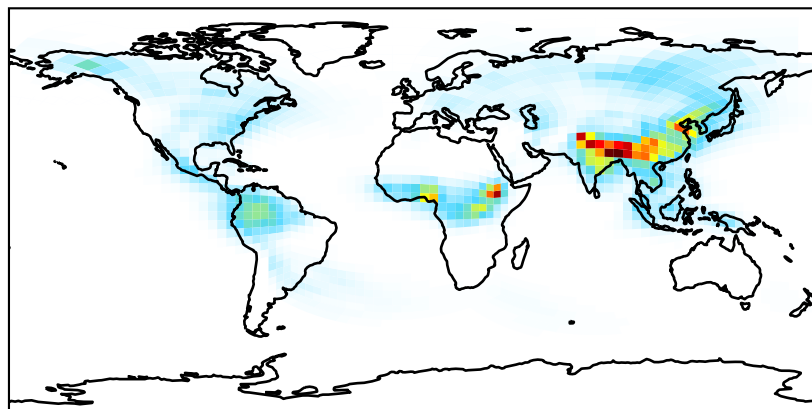


SpeciesConcVV_SOAP

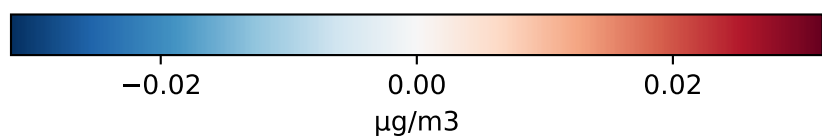
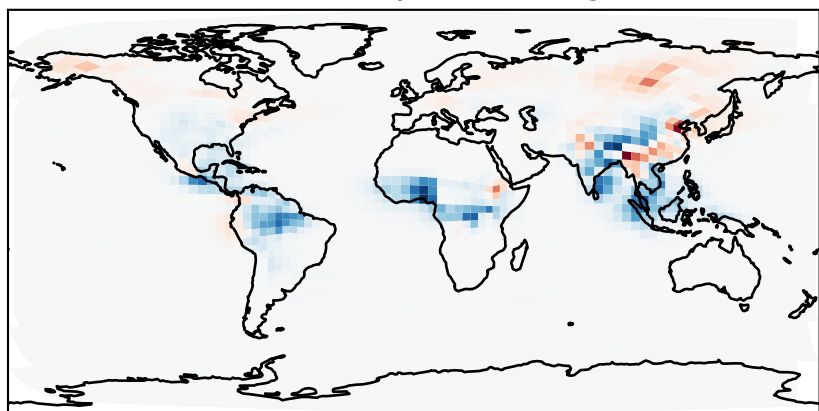
GCHP_14.2.0_MERRA2 (Ref)
c24



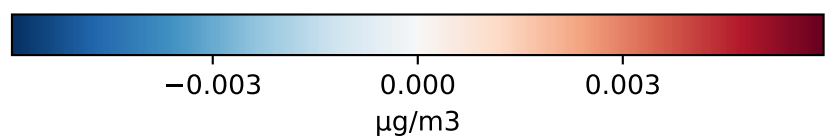
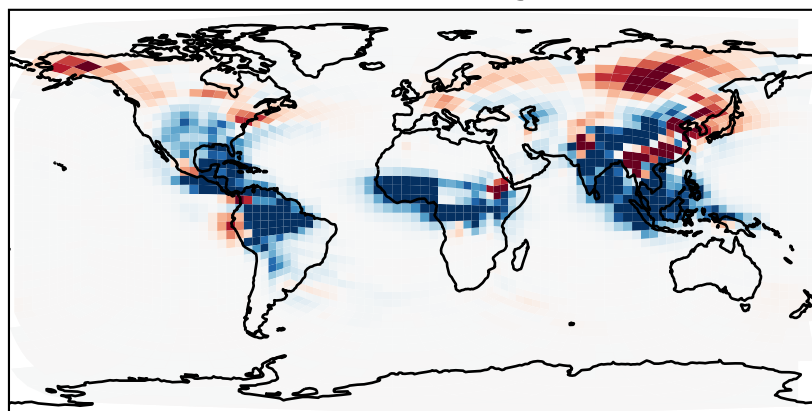
GCHP_14.2.0_GEOS-FP (Dev)
c24



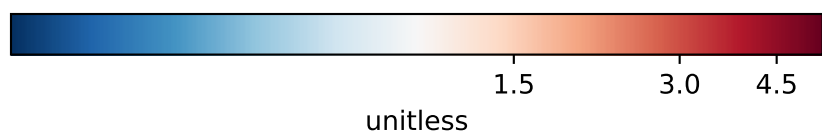
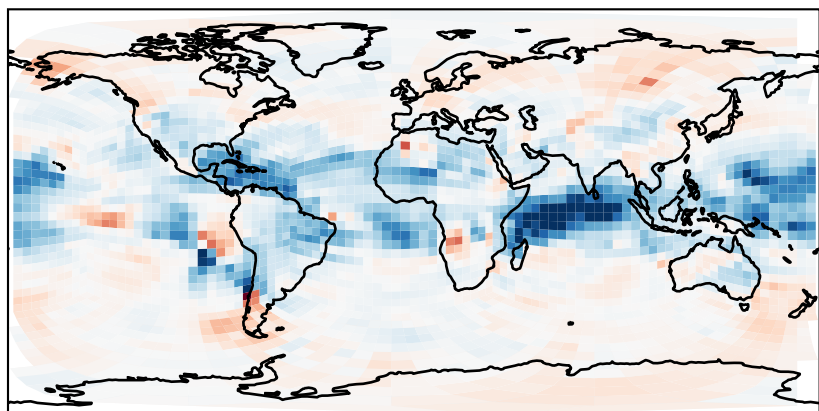
Difference
Dev - Ref, Dynamic Range



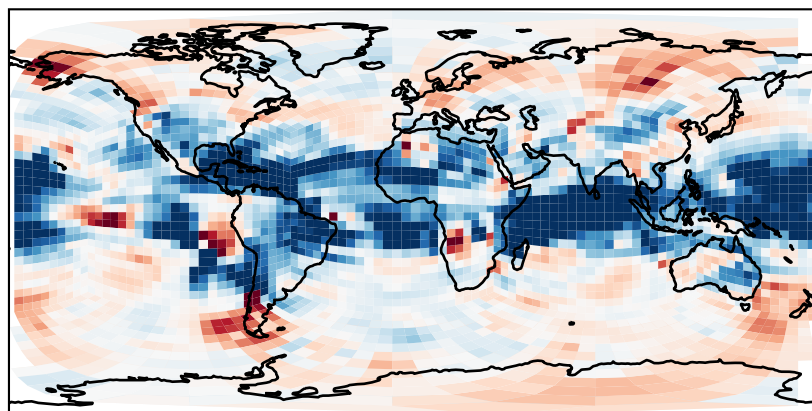
Difference
Dev - Ref, Restricted Range [5%,95%]



Ratio
Dev/Ref, Dynamic Range

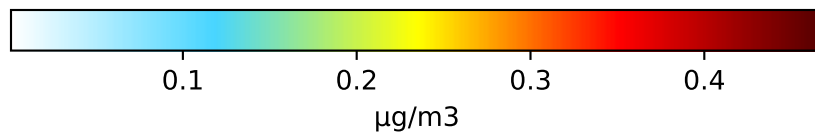
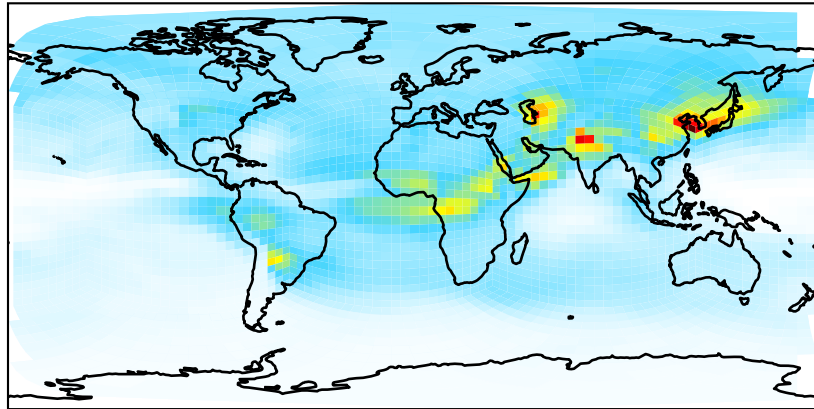


Ratio
Dev/Ref, Fixed Range

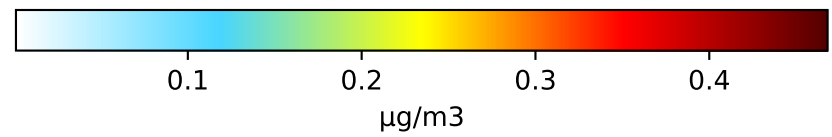
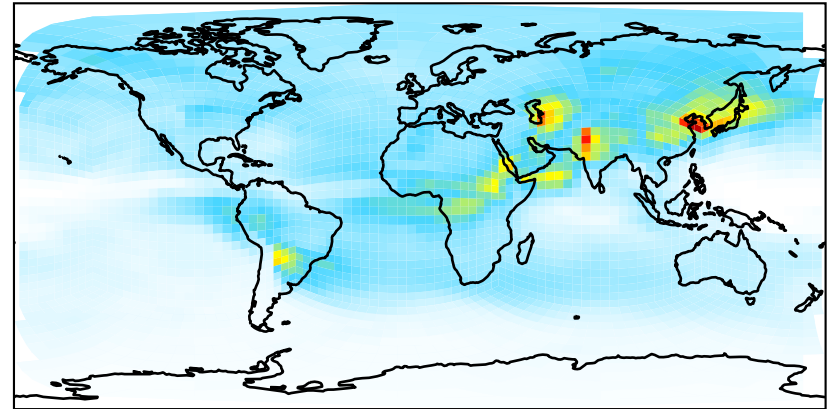


SpeciesConcVW_SOAS

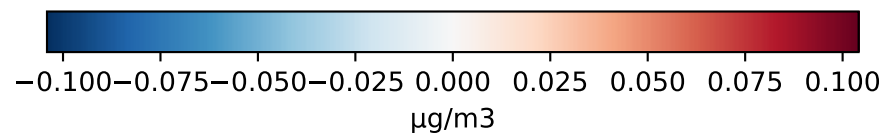
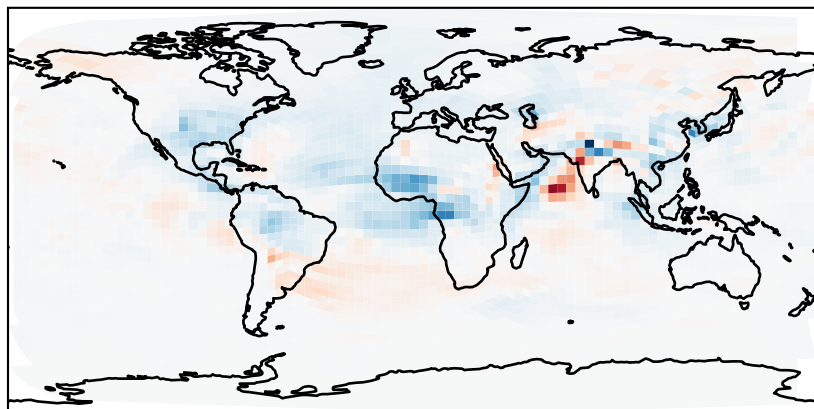
GCHP_14.2.0_MERRA2 (Ref)
c24



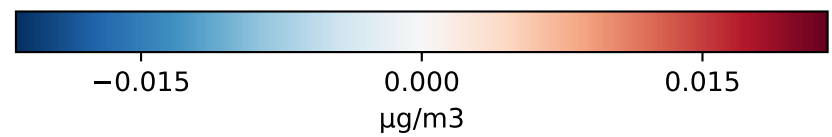
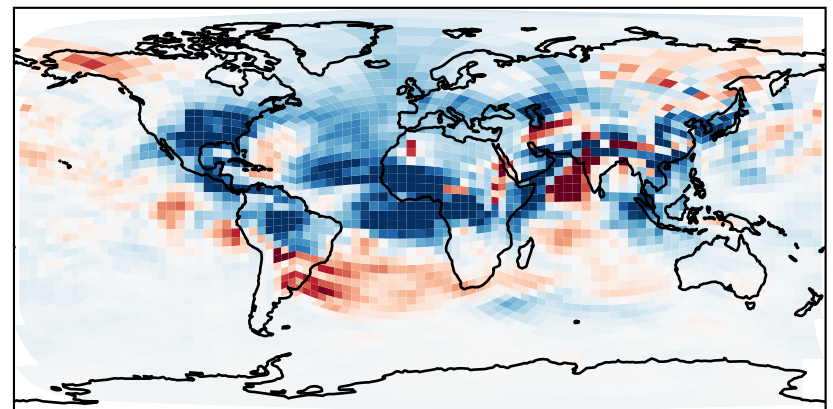
GCHP_14.2.0_GEOS-FP (Dev)
c24



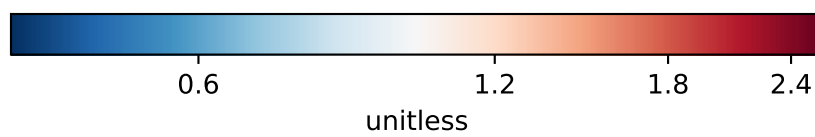
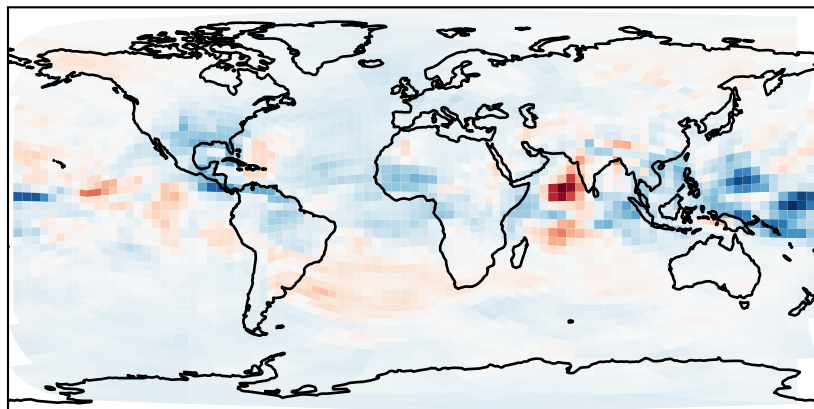
Difference
Dev - Ref, Dynamic Range



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



Ratio
Dev/Ref, Dynamic Range



Ratio
Dev/Ref, Fixed Range

