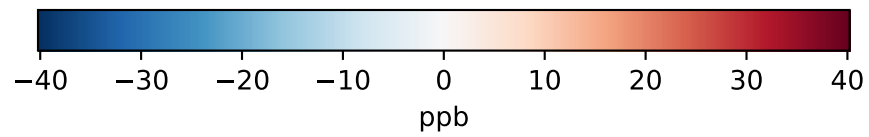
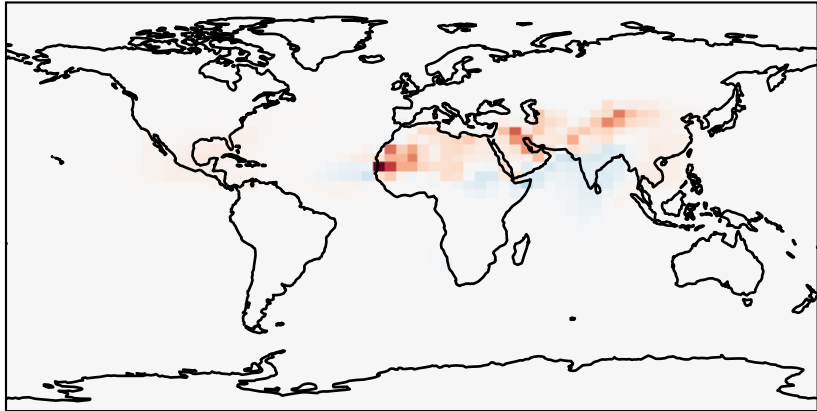
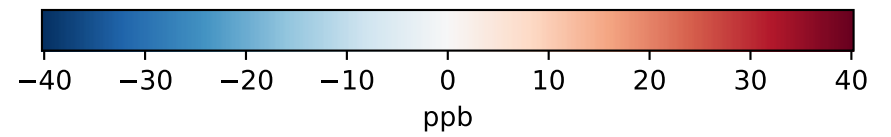
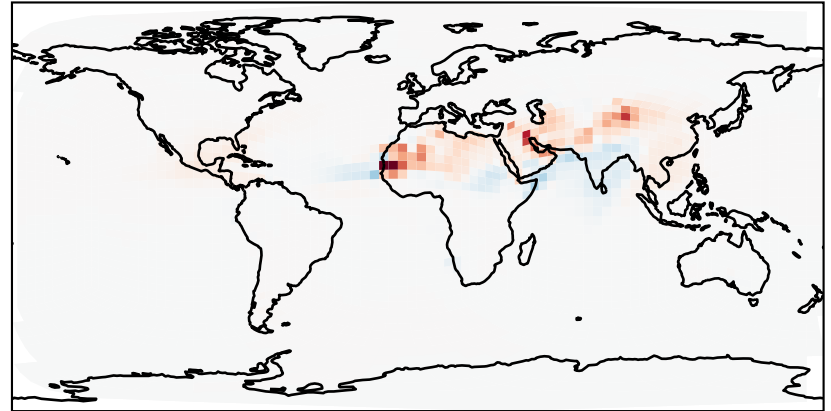


# SpeciesConcVV\_DST1

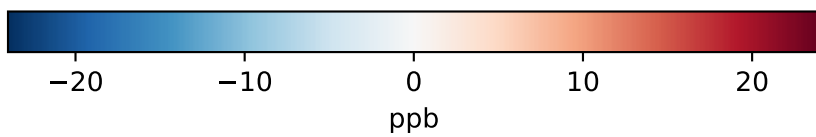
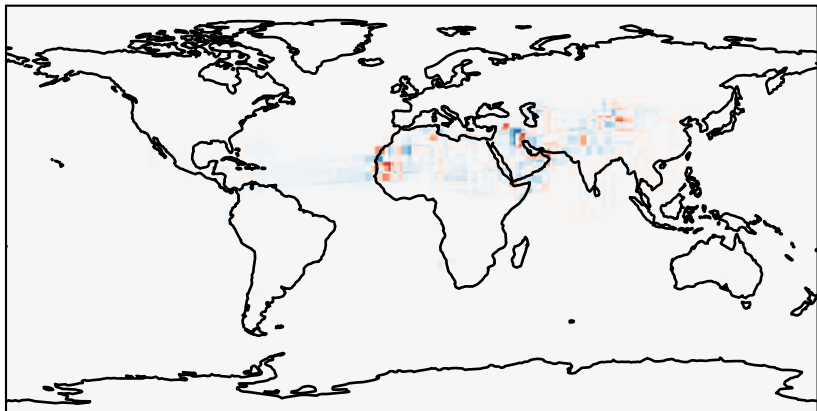
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



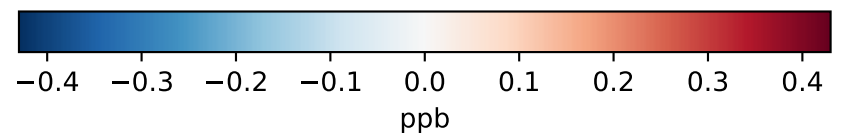
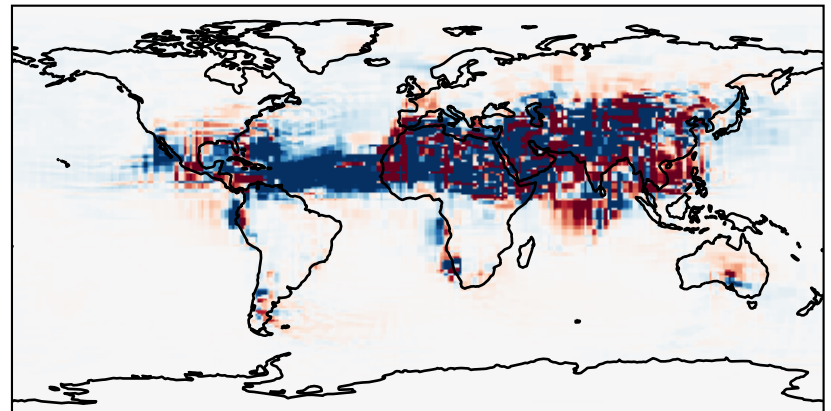
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



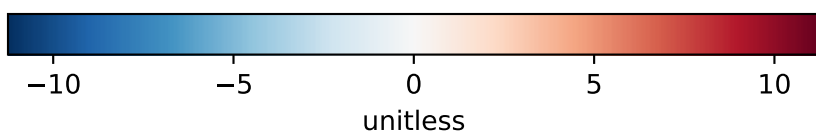
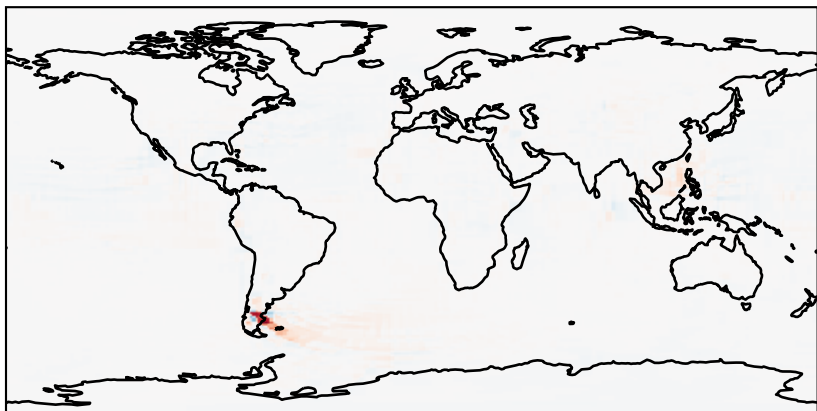
Difference (1x1.25)  
Dev - Ref, Dynamic Range



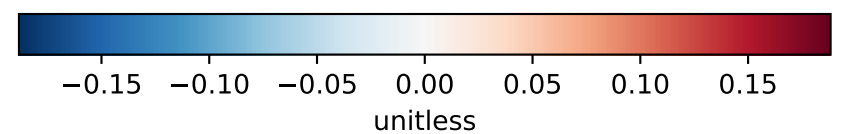
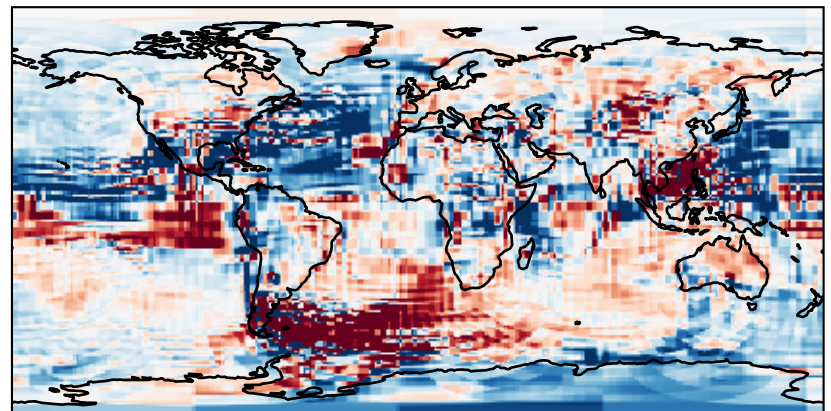
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

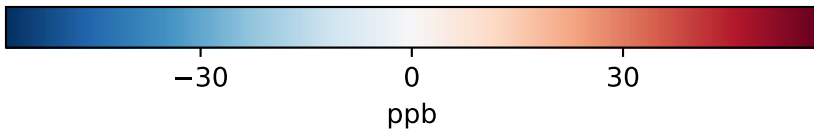
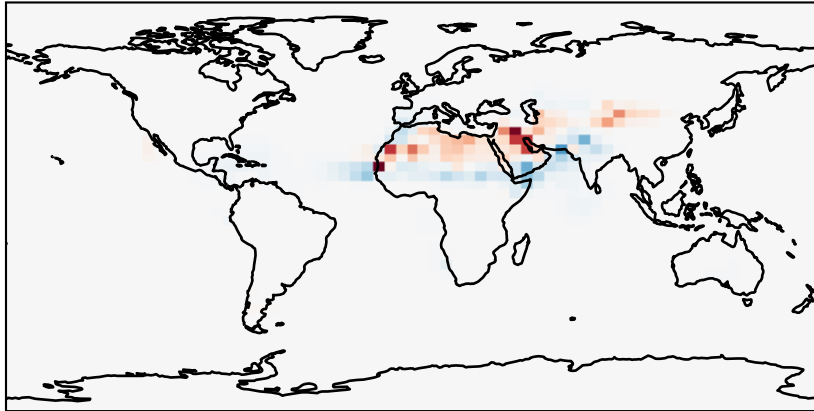


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

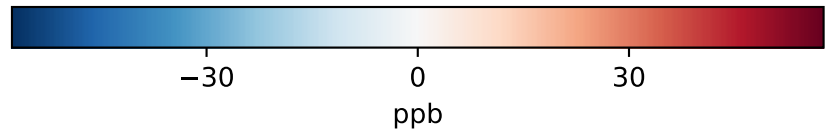
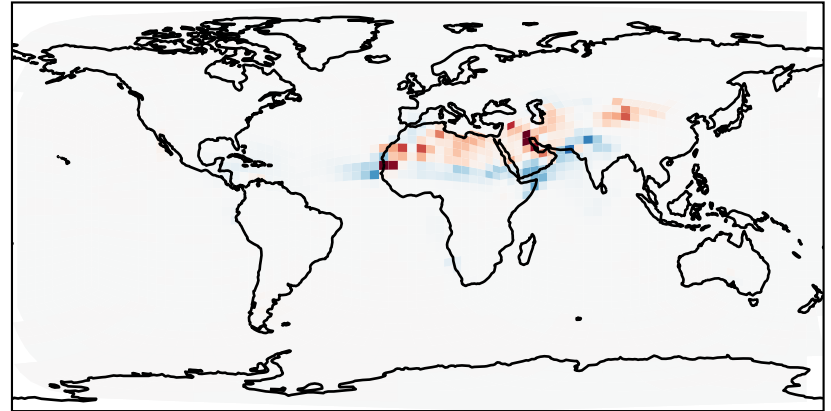


# SpeciesConcVV\_DST2

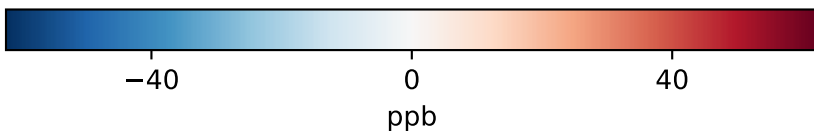
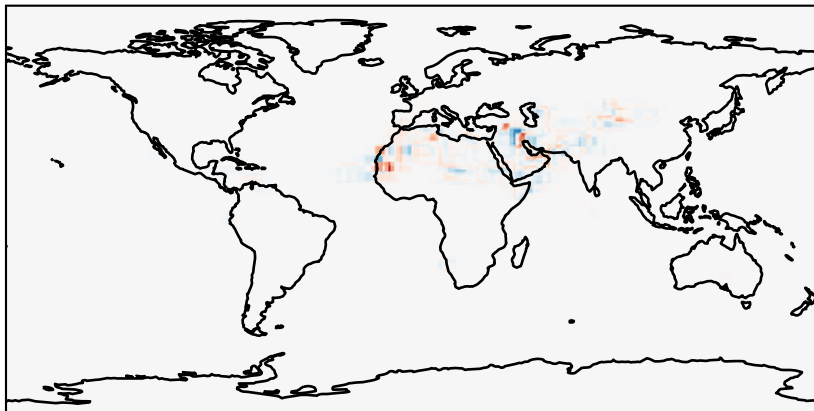
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



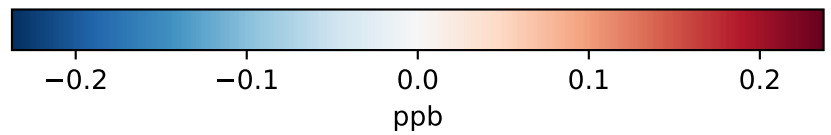
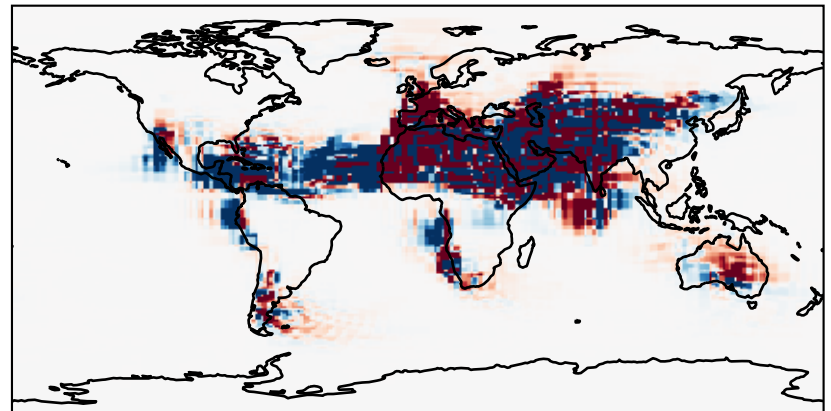
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



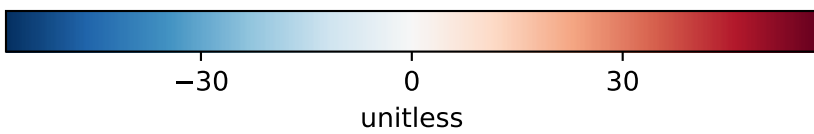
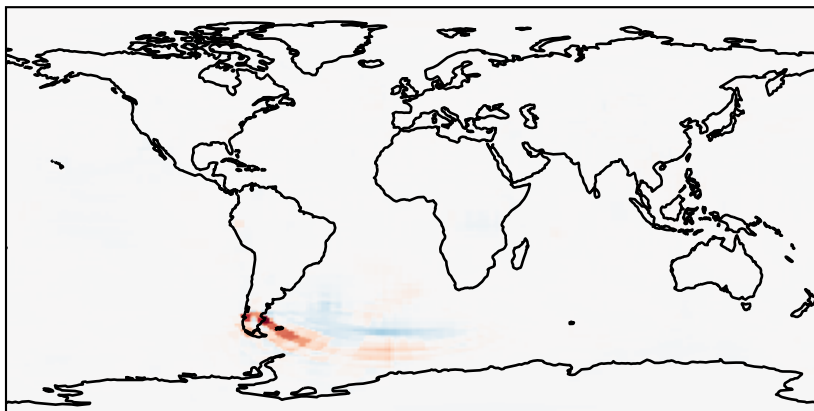
Difference (1x1.25)  
Dev - Ref, Dynamic Range



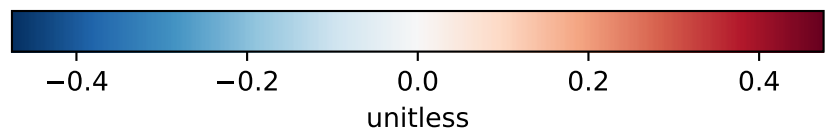
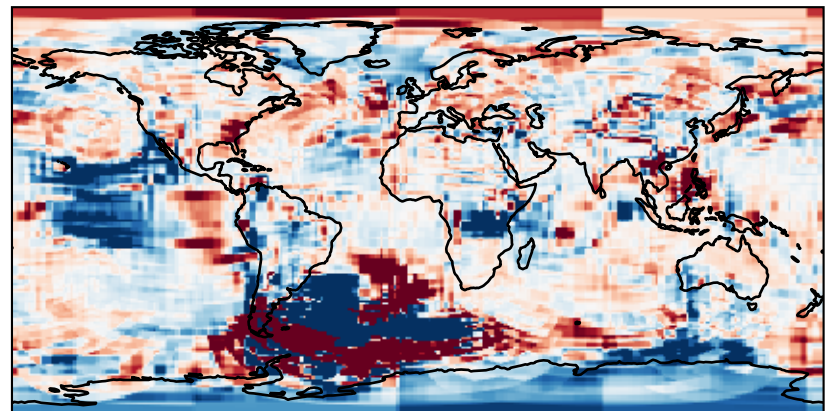
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

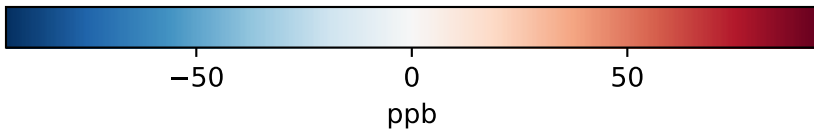
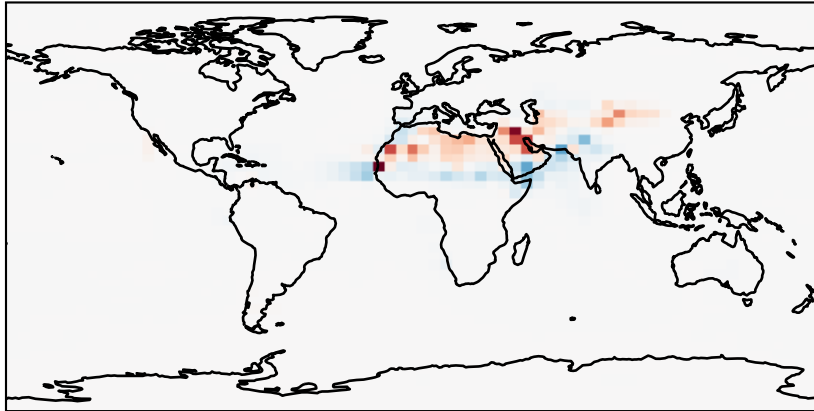


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

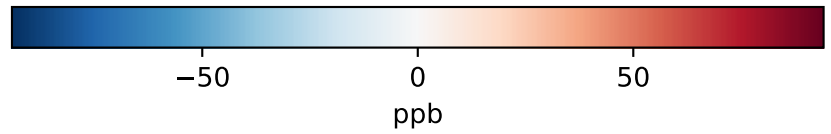
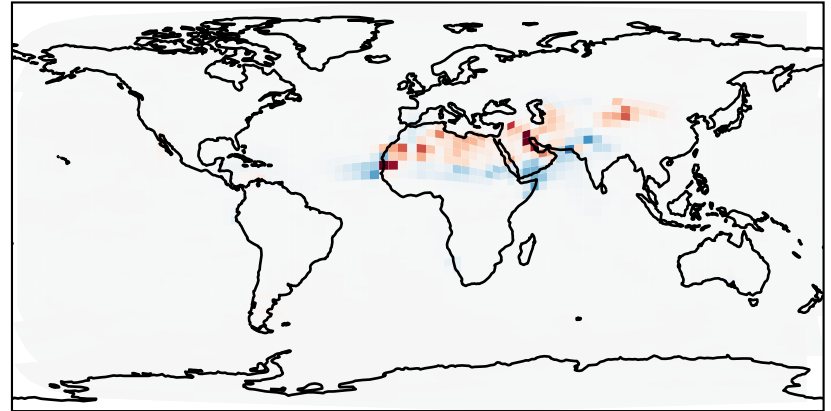


# SpeciesConcVV\_DST3

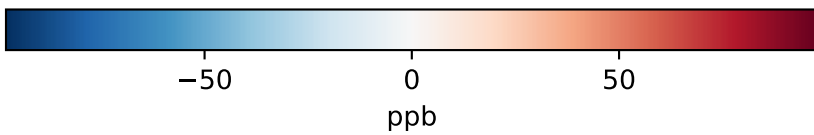
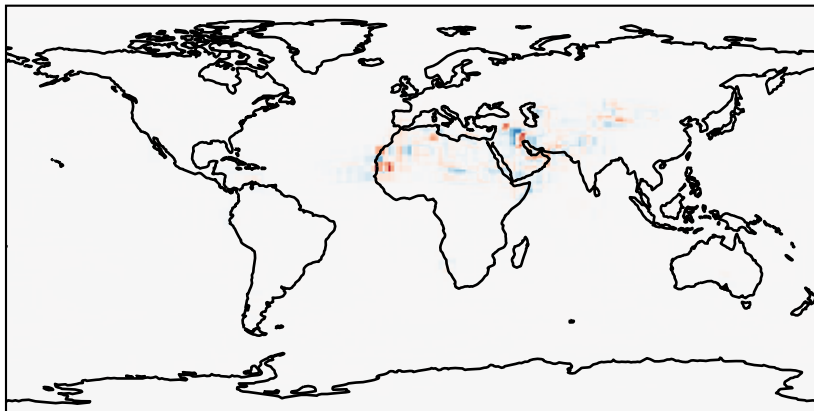
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



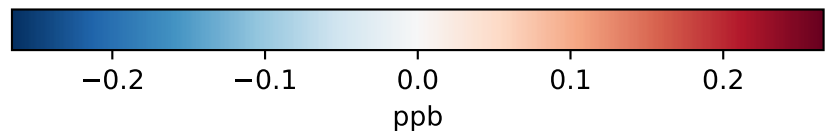
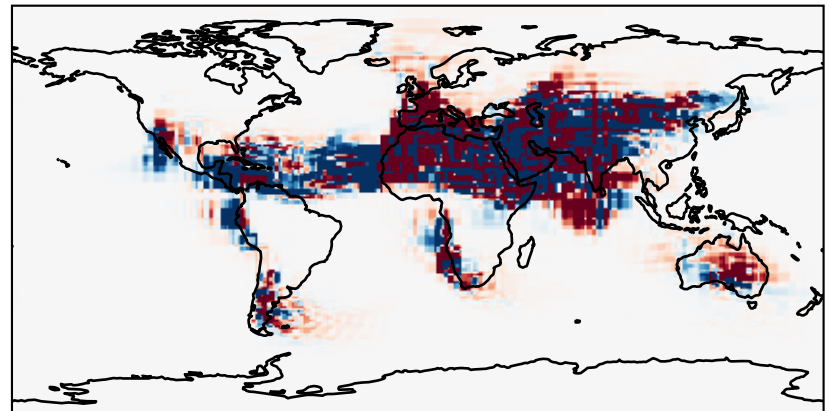
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



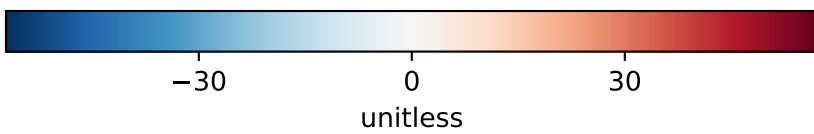
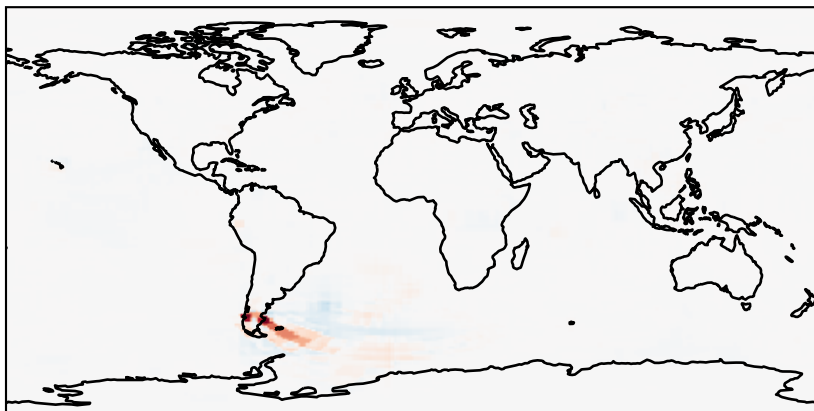
Difference (1x1.25)  
Dev - Ref, Dynamic Range



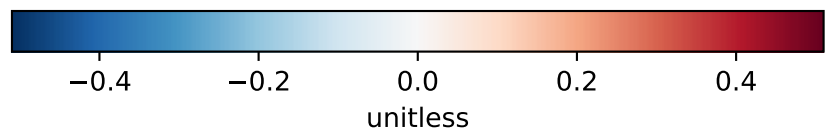
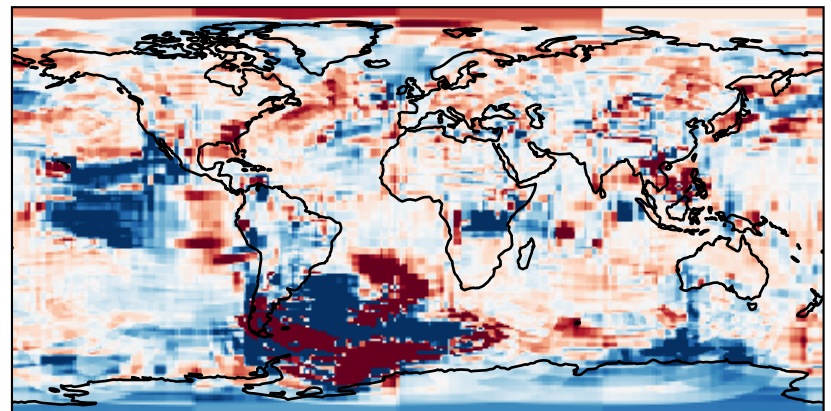
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

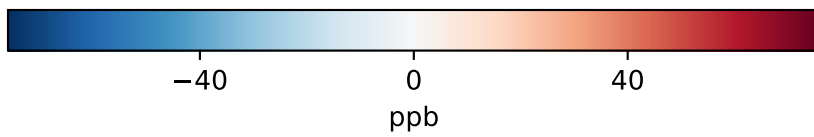
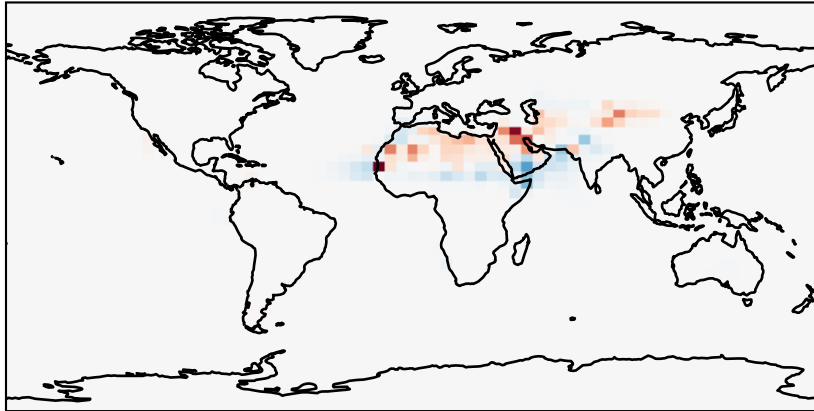


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

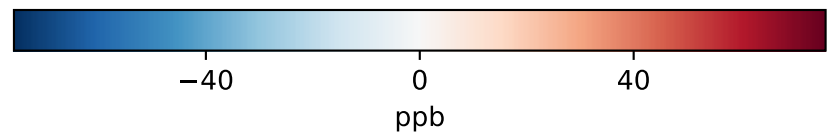
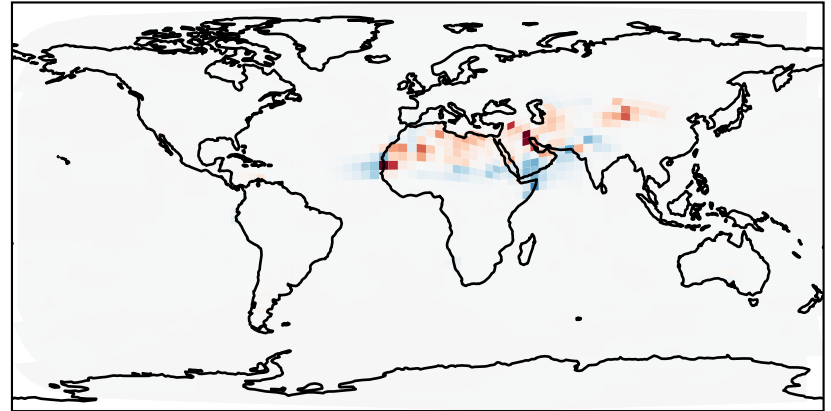


# SpeciesConcVV\_DST4

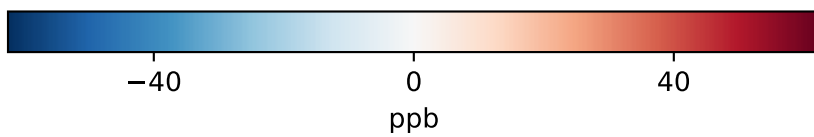
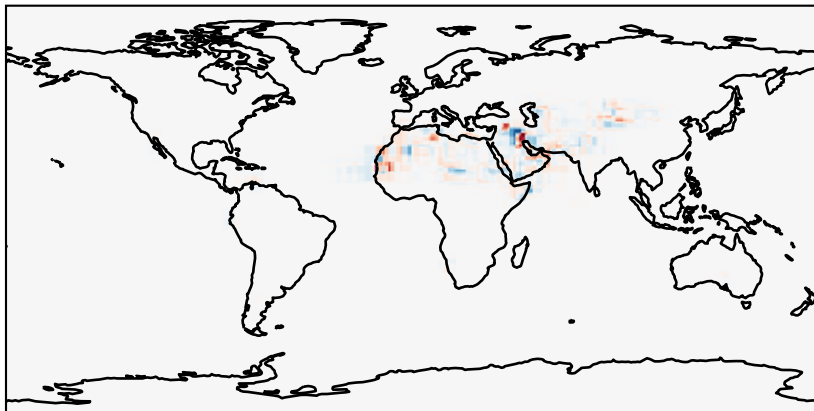
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



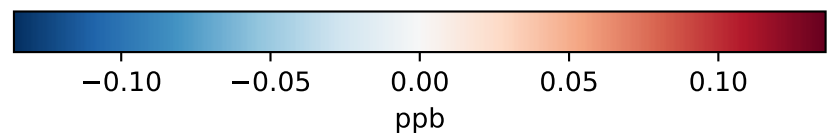
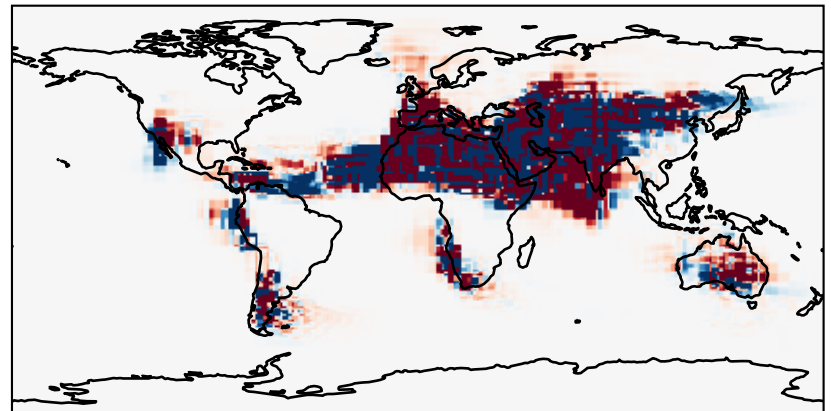
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



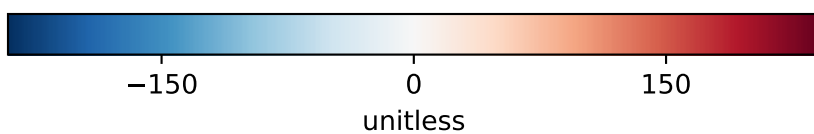
Difference (1x1.25)  
Dev - Ref, Dynamic Range



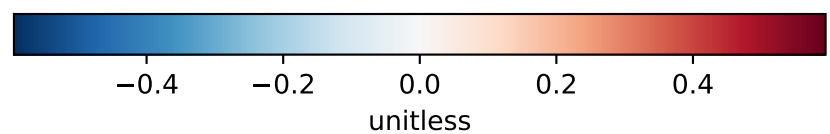
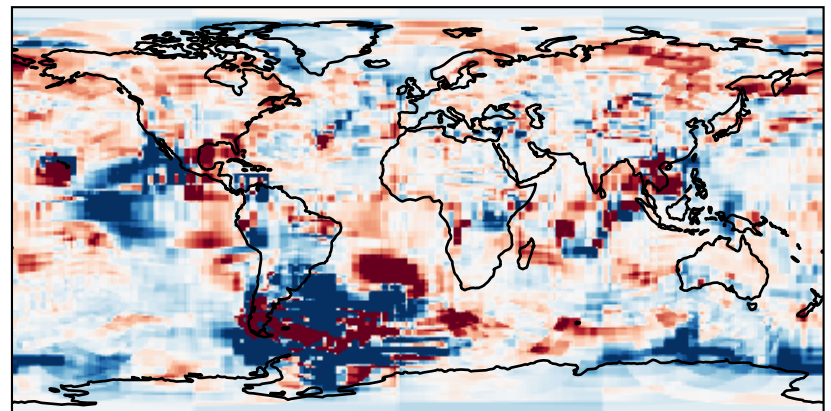
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

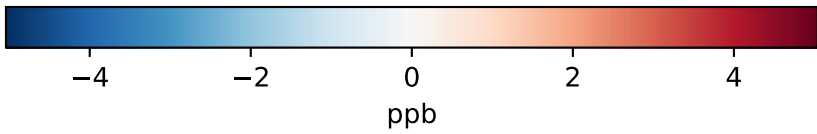
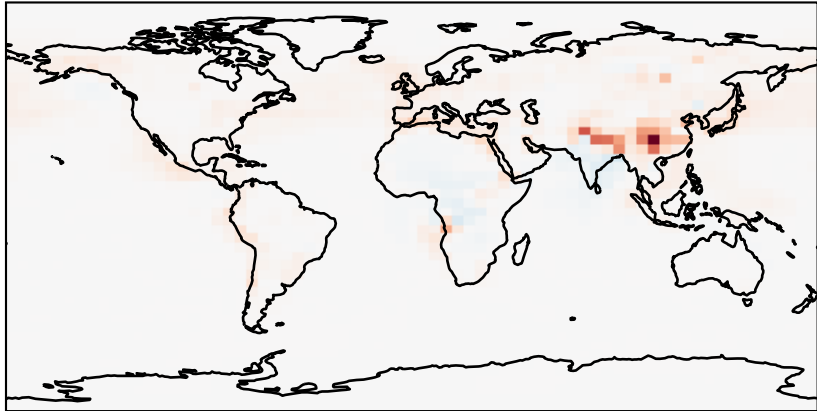


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

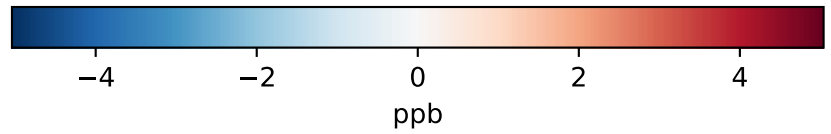
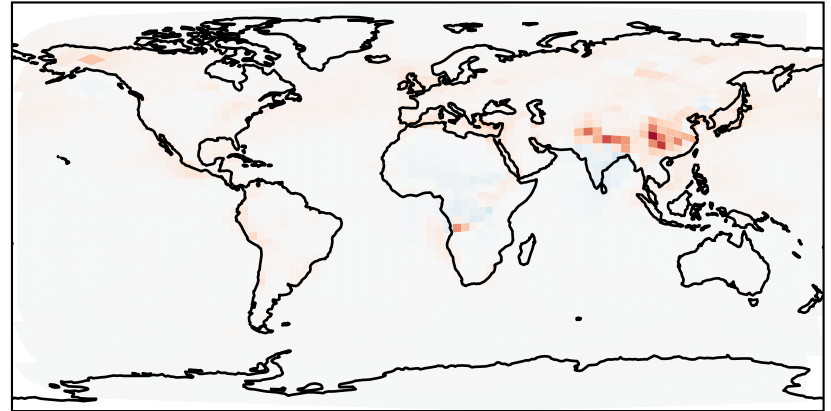


# SpeciesConcVV\_NH4

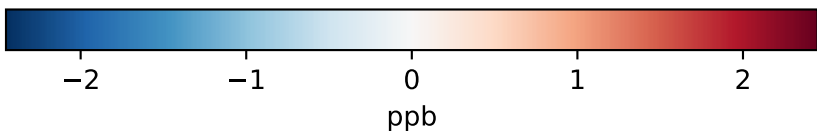
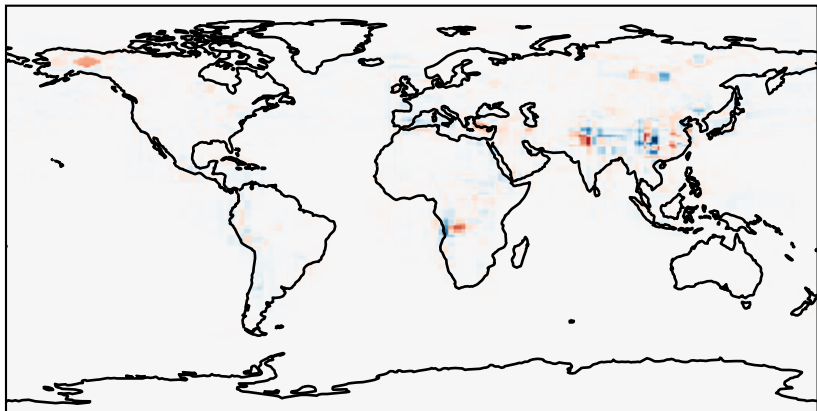
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



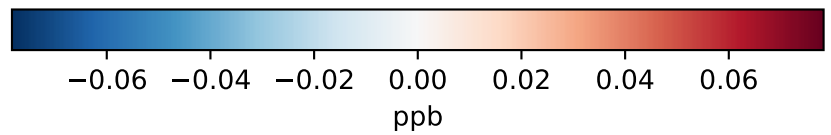
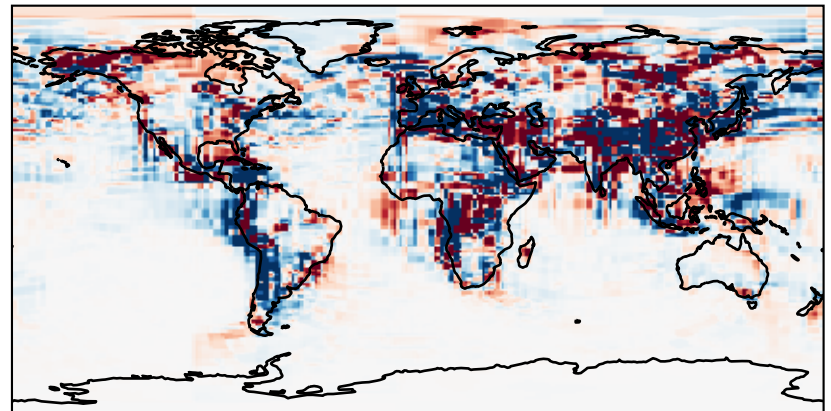
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



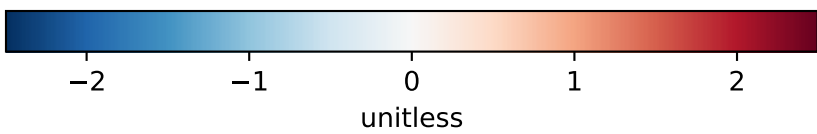
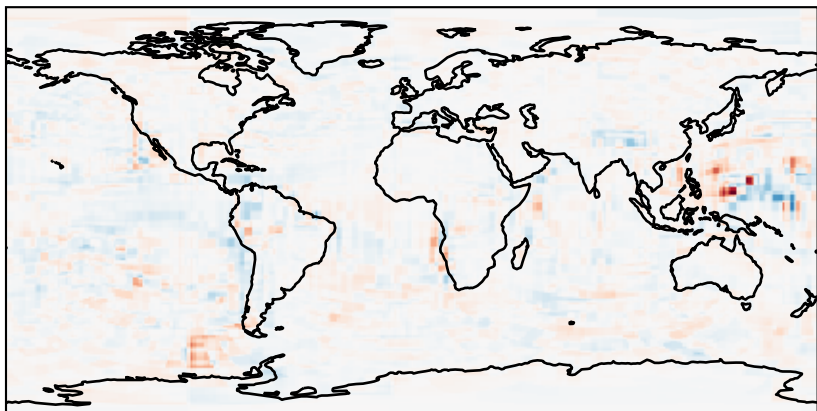
Difference (1x1.25)  
Dev - Ref, Dynamic Range



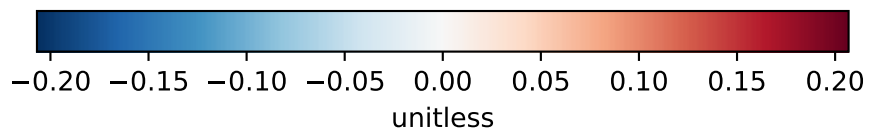
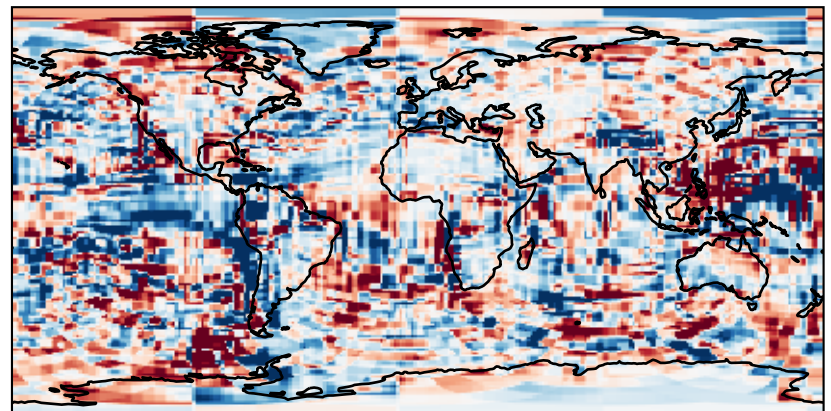
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

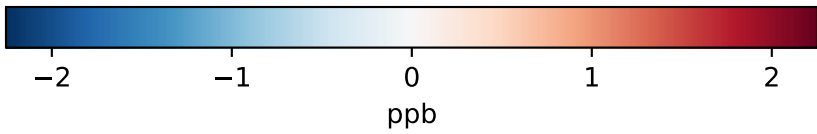
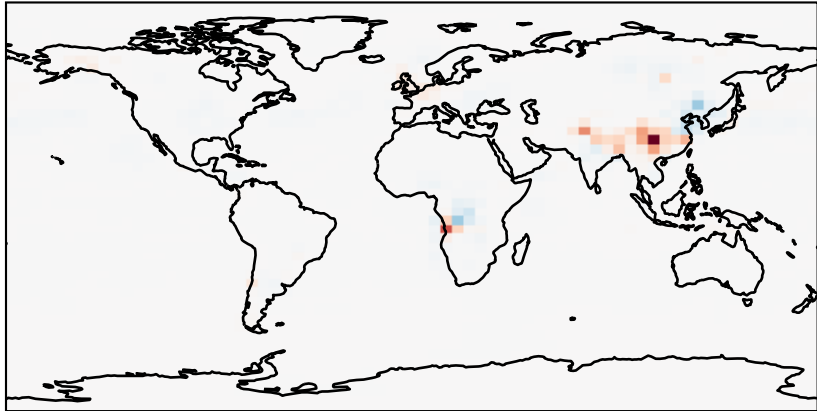


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

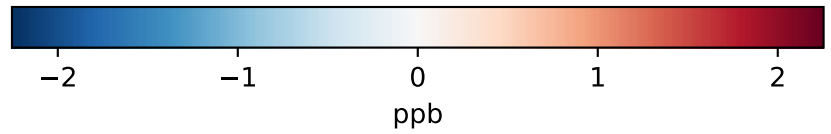
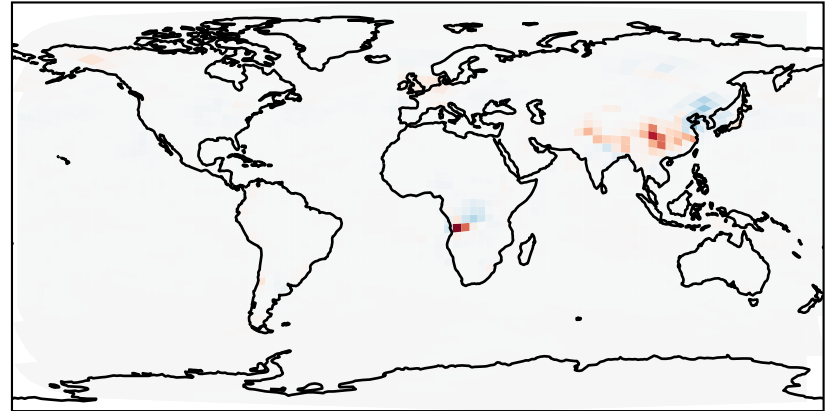


# SpeciesConcVV\_NIT

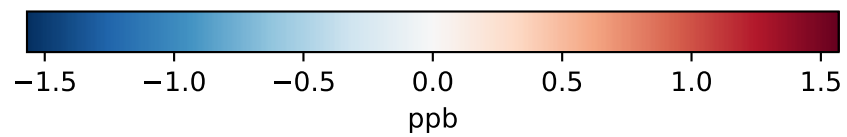
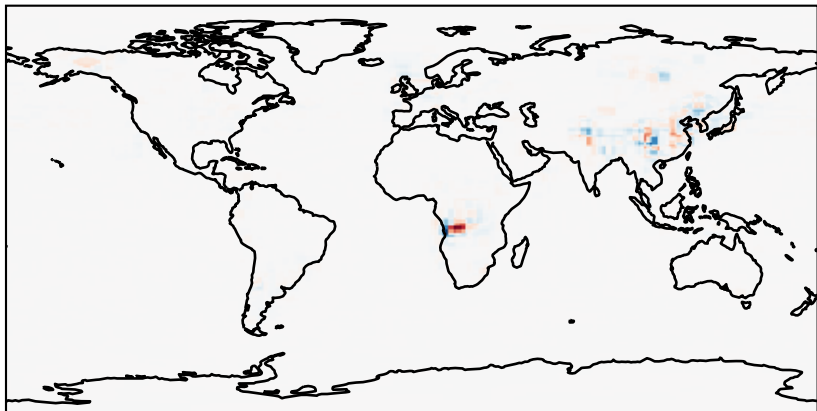
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



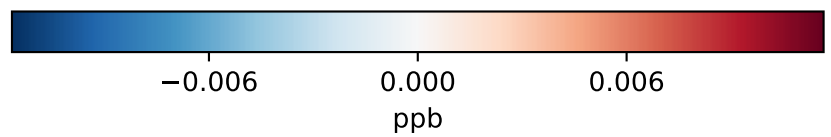
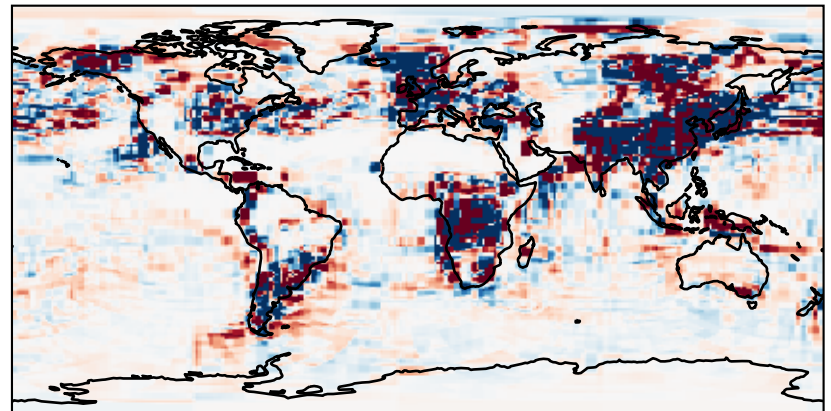
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



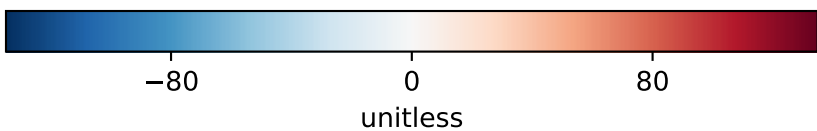
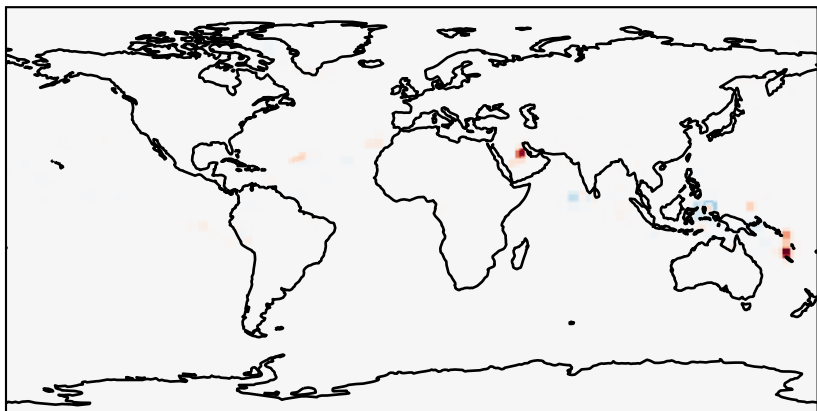
Difference (1x1.25)  
Dev - Ref, Dynamic Range



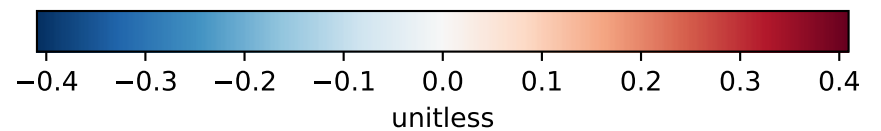
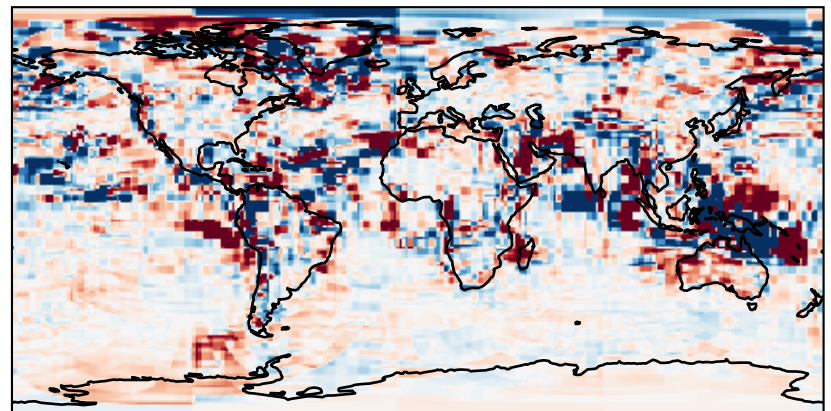
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

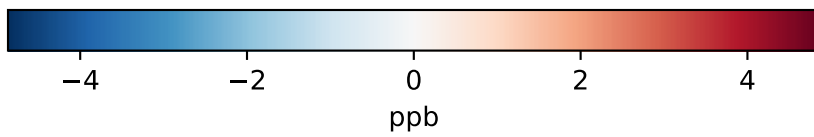
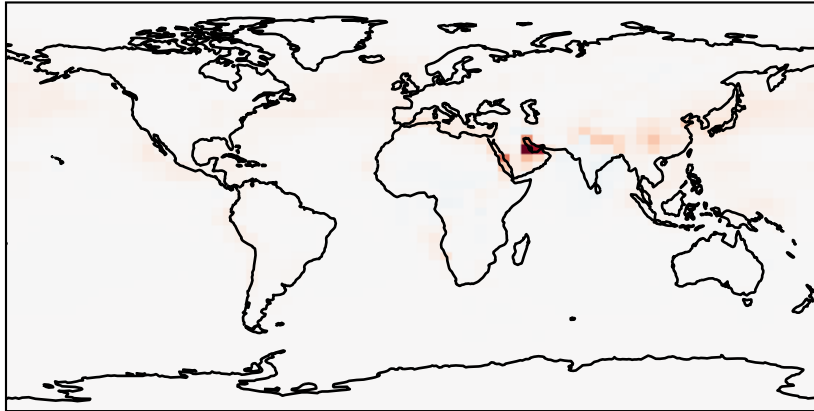


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

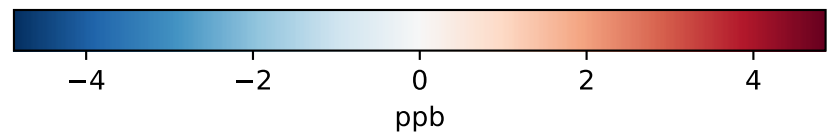
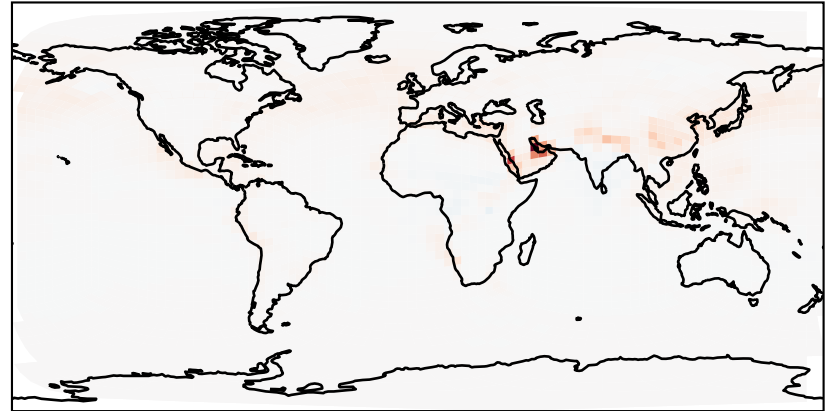


# SpeciesConcVV\_S04

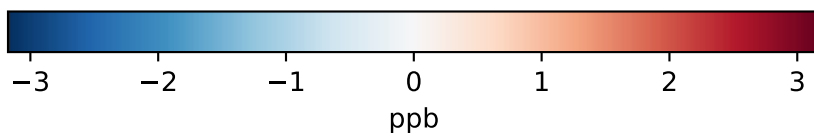
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



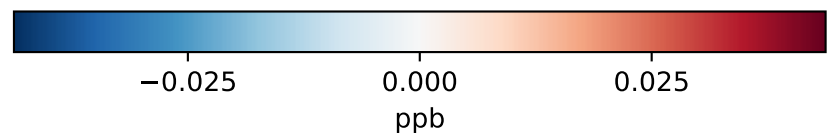
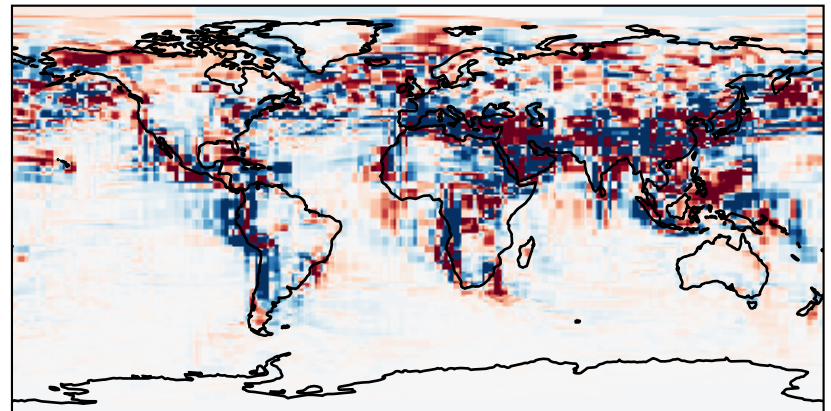
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



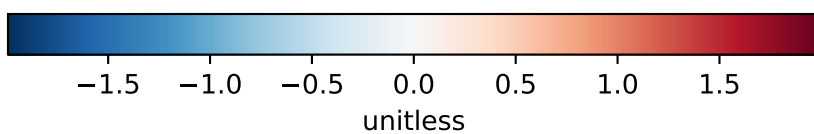
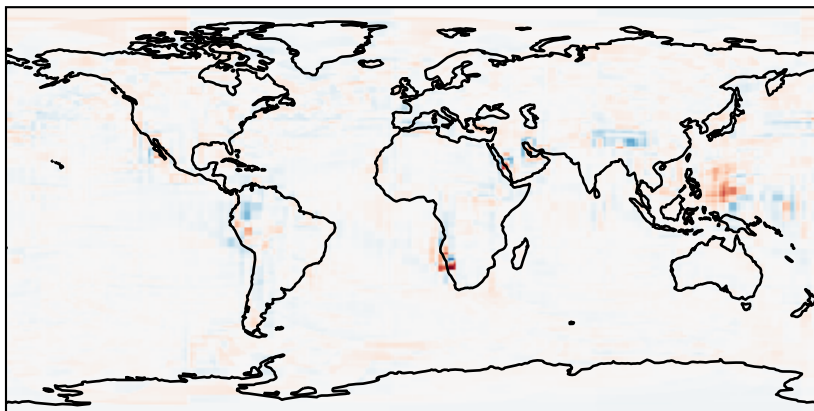
Difference (1x1.25)  
Dev - Ref, Dynamic Range



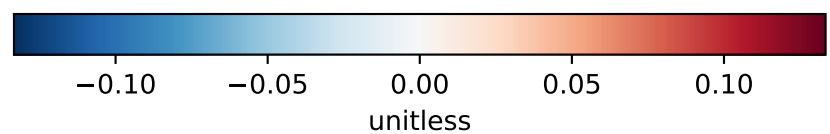
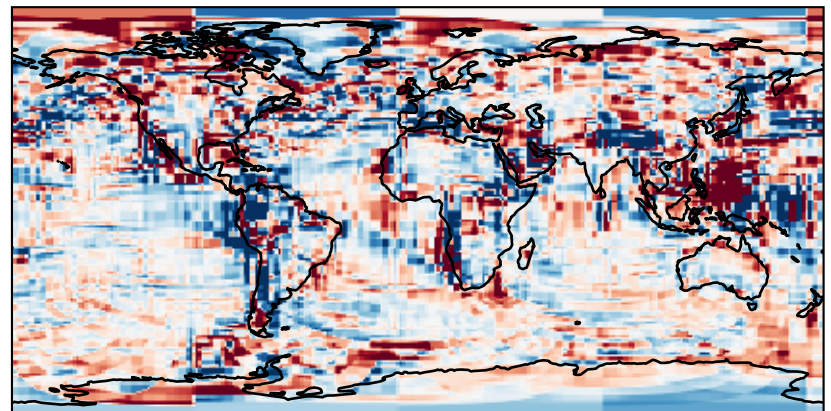
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

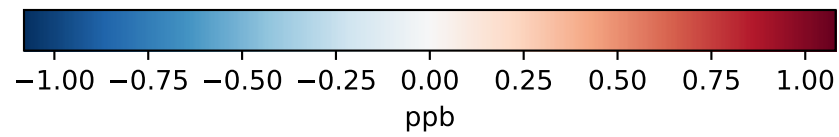
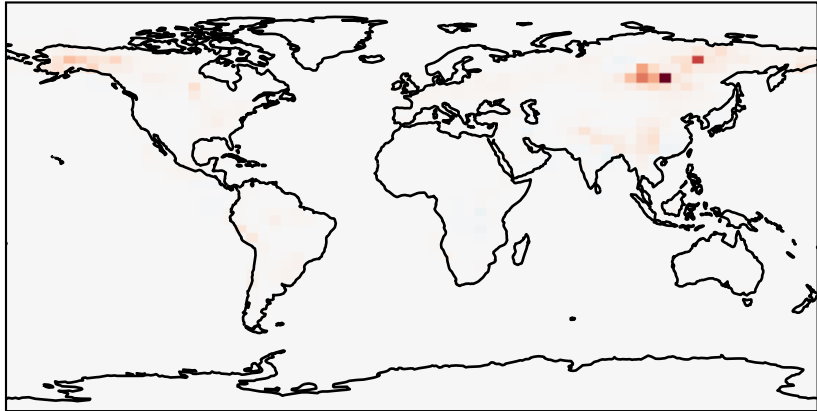


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

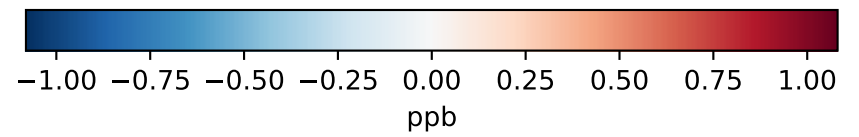
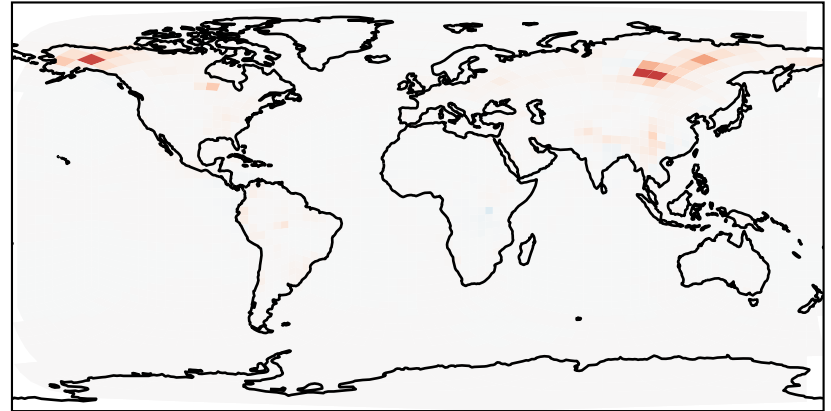


# SpeciesConcVW\_HMS

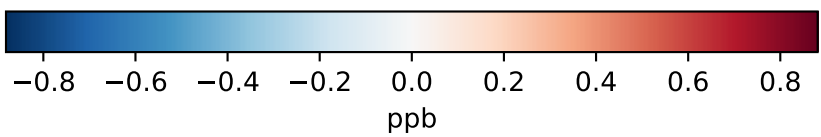
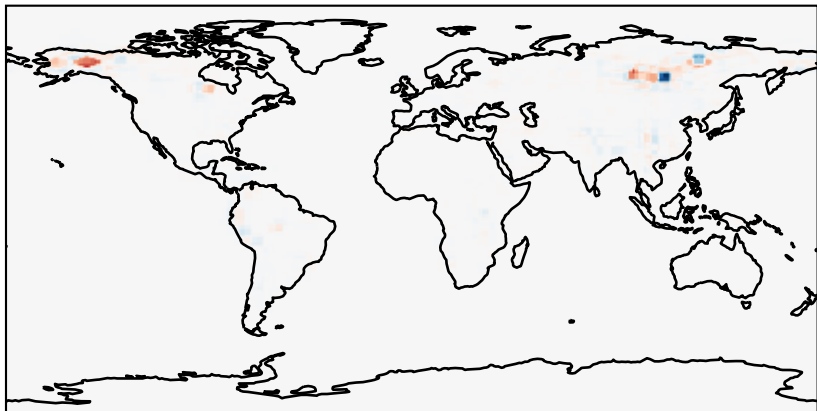
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



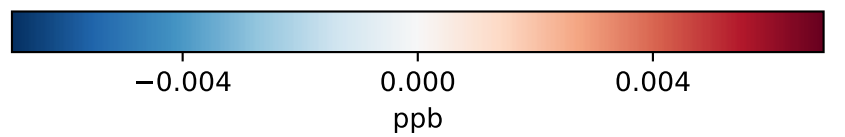
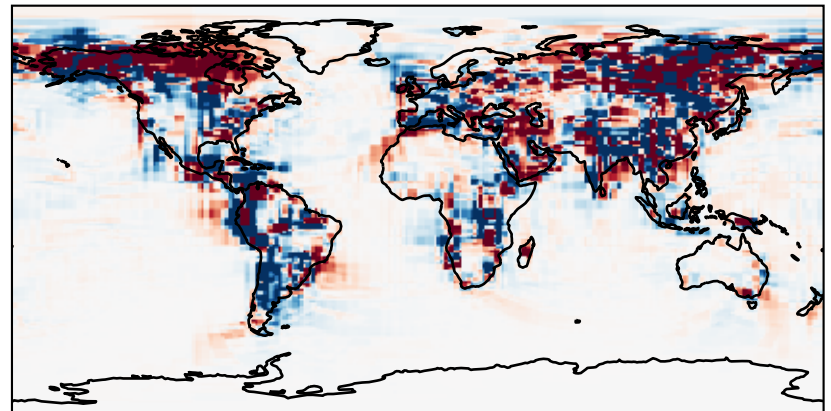
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



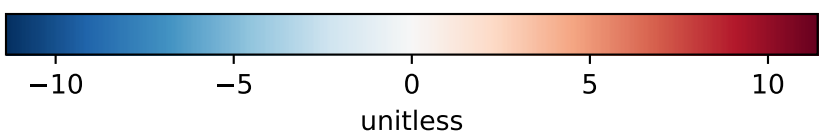
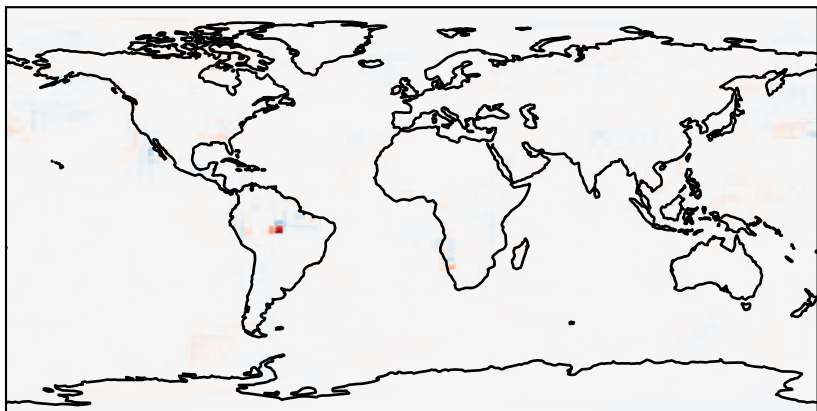
Difference (1x1.25)  
Dev - Ref, Dynamic Range



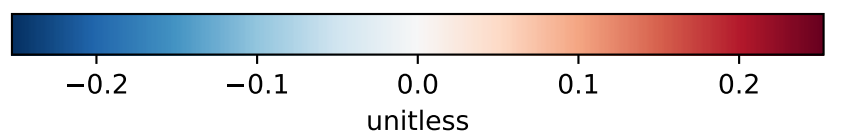
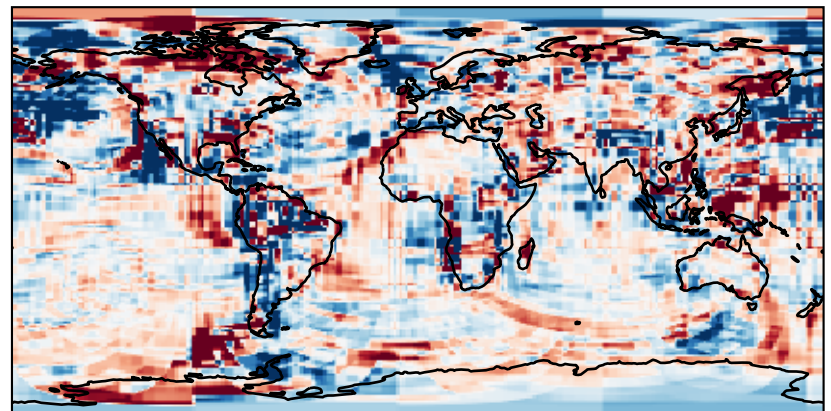
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$



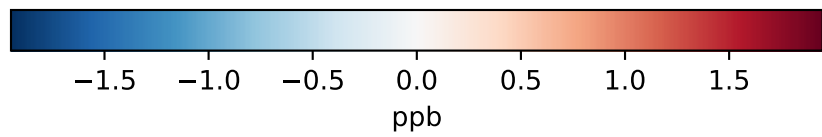
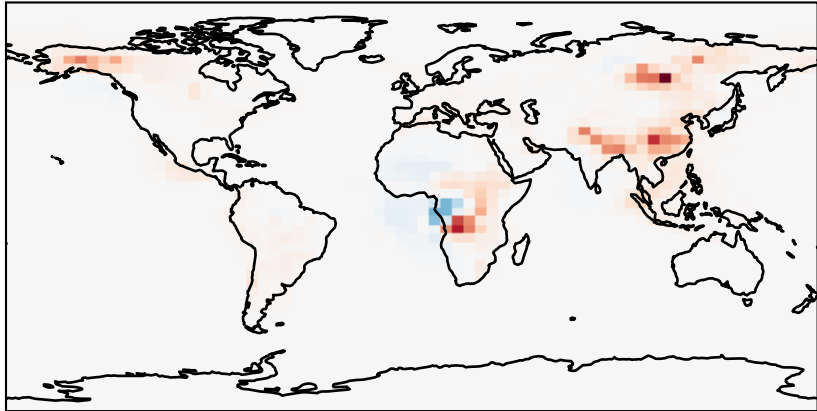
Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$



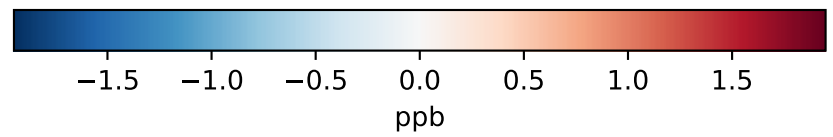
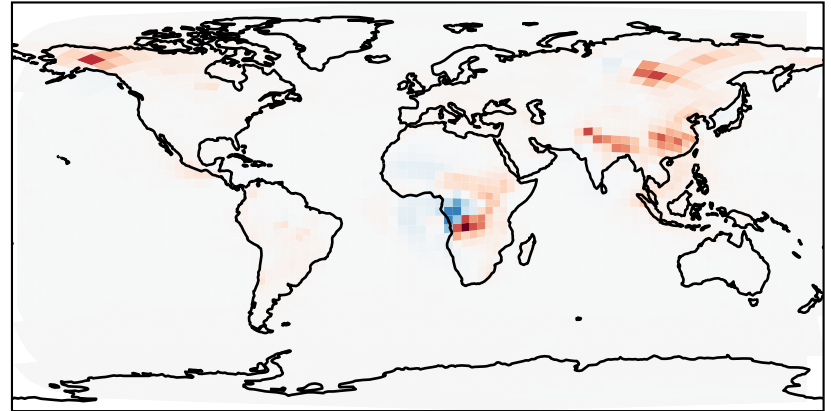


# SpeciesConcVW\_BCPI

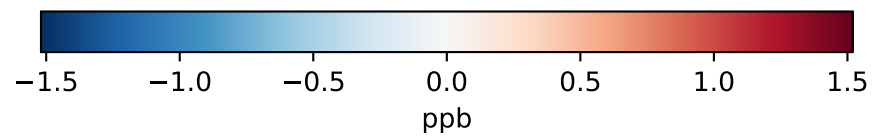
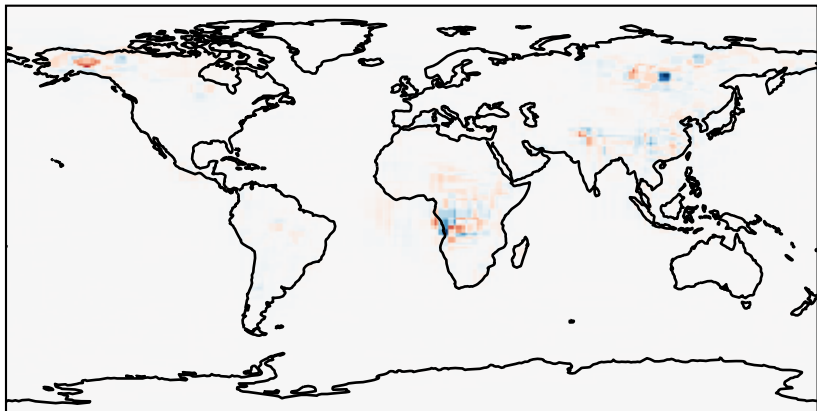
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



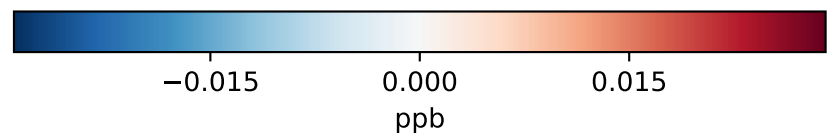
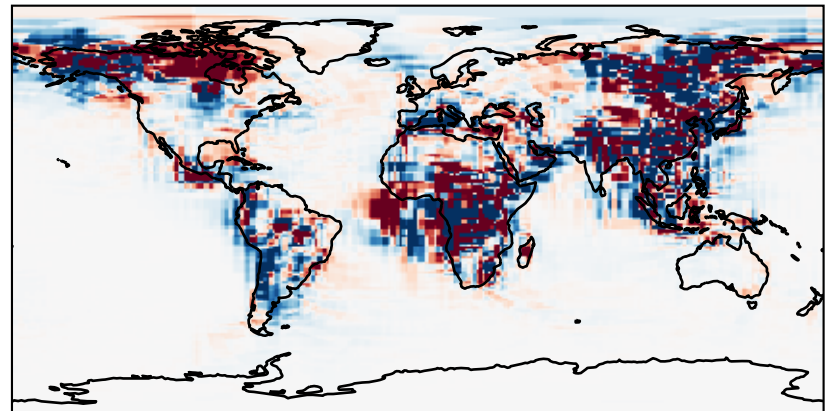
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



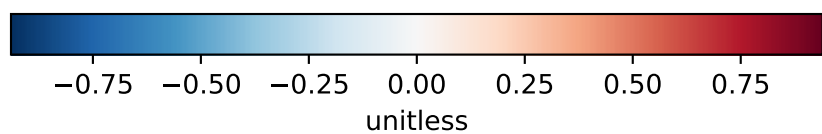
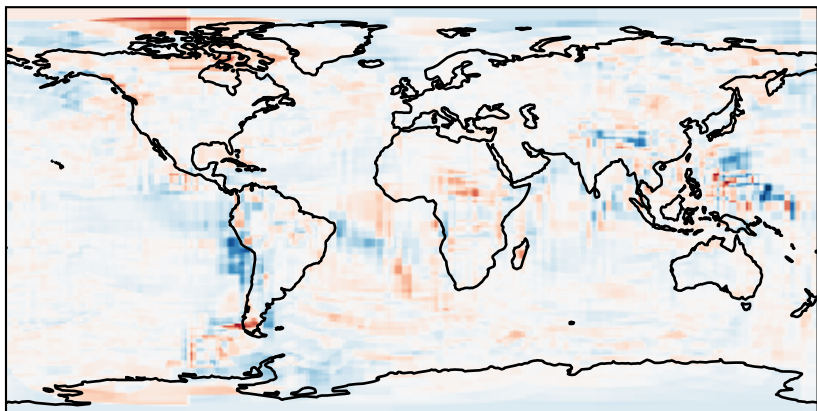
Difference (1x1.25)  
Dev - Ref, Dynamic Range



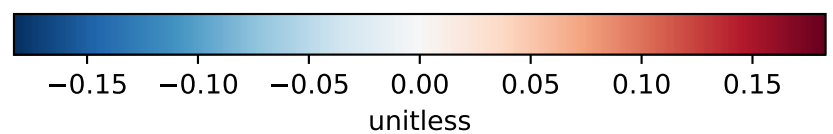
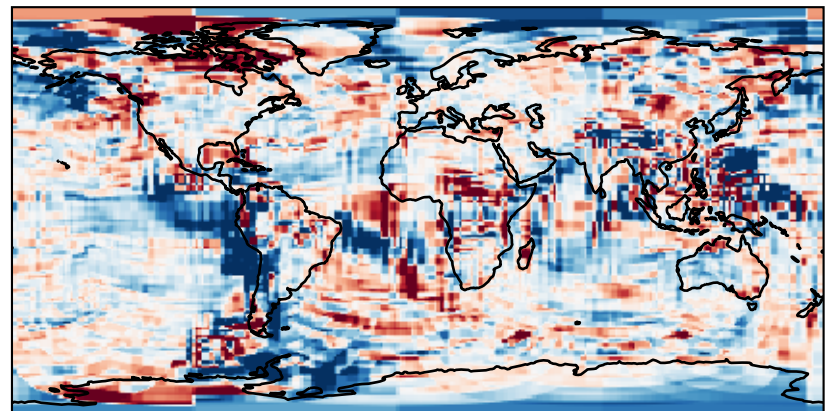
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

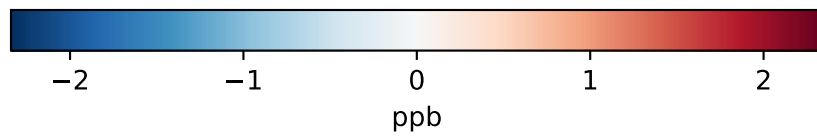
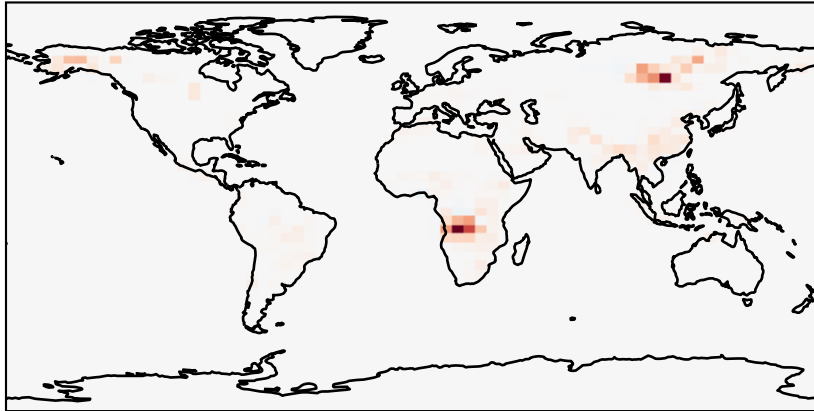


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

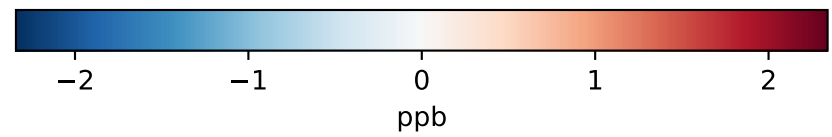
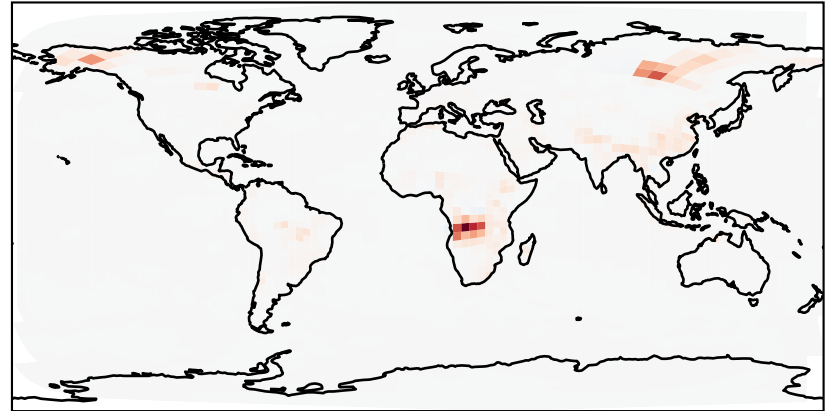


# SpeciesConcVW\_BCPO

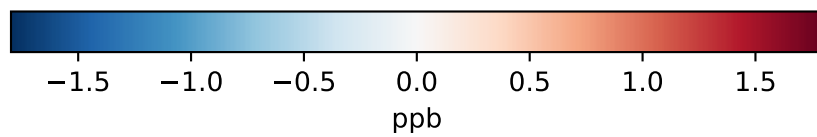
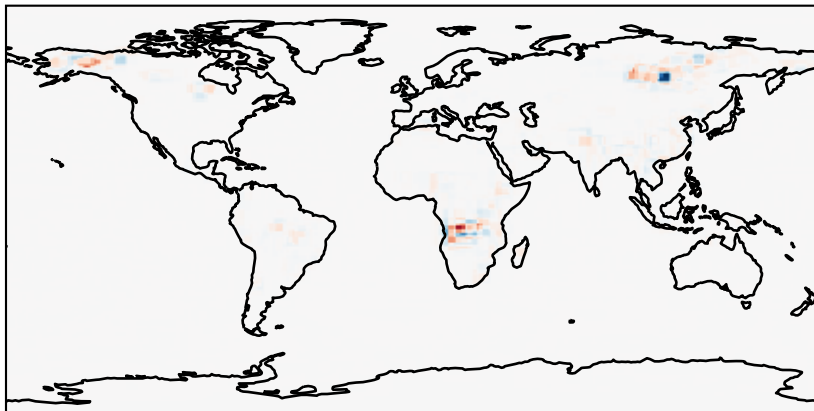
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



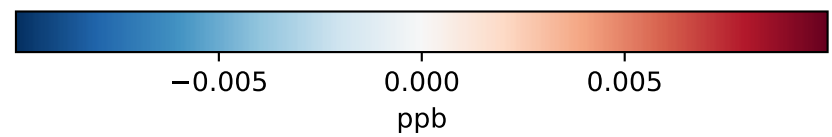
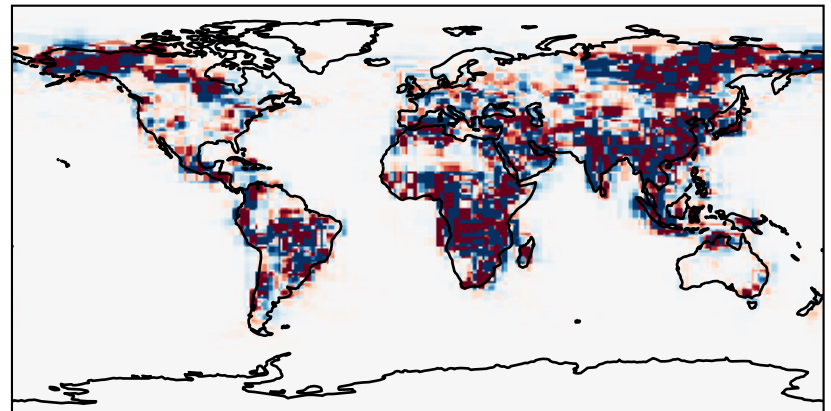
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



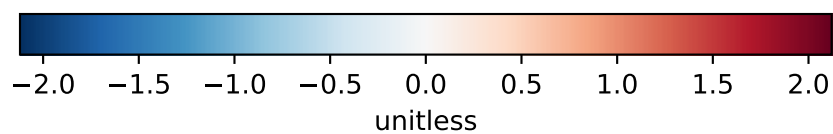
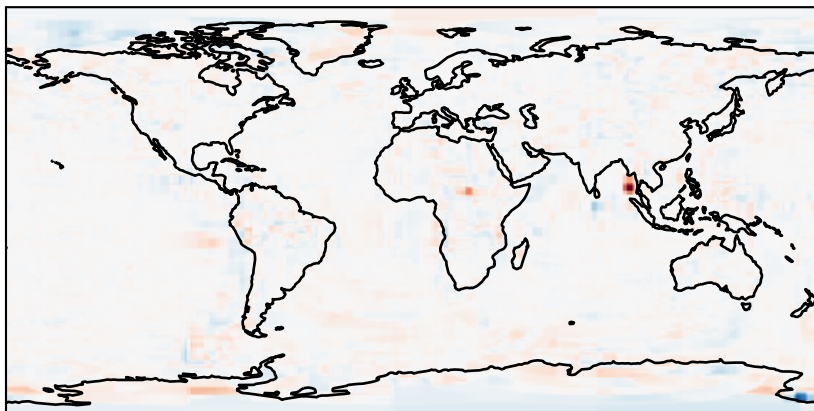
Difference (1x1.25)  
Dev - Ref, Dynamic Range



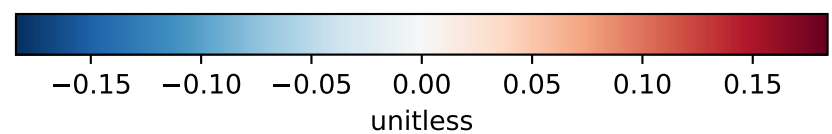
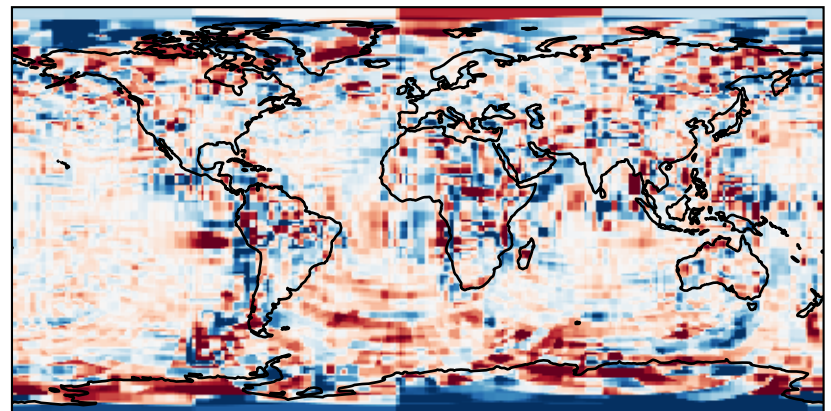
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

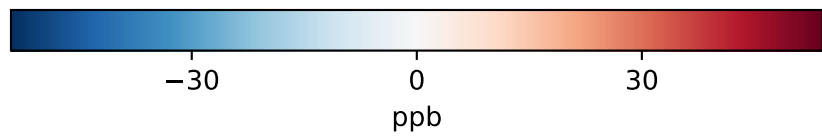
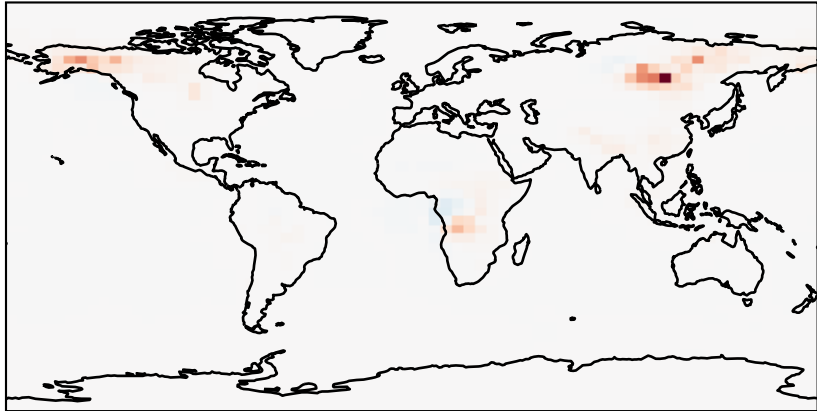


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

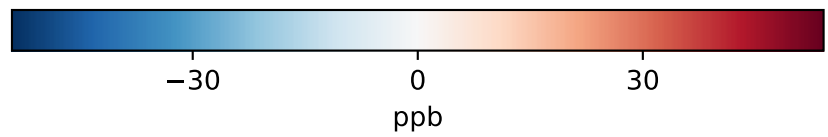
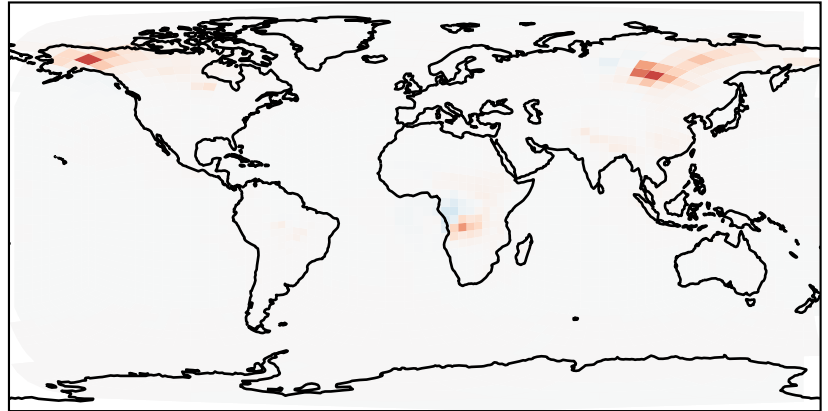


# SpeciesConcVV\_OCPI

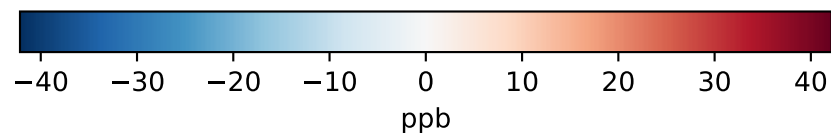
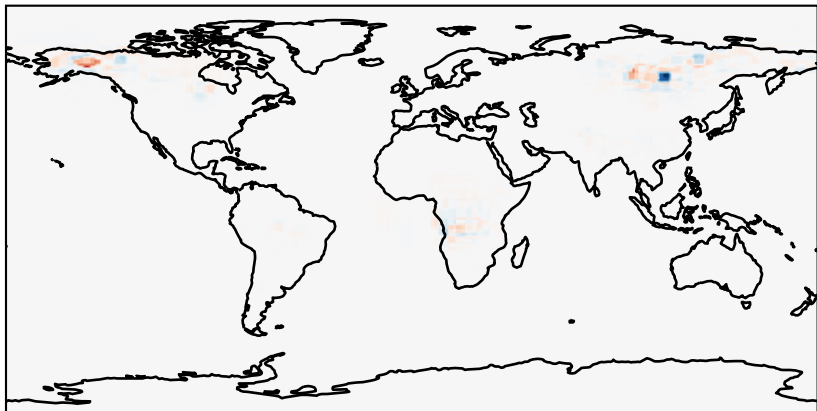
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



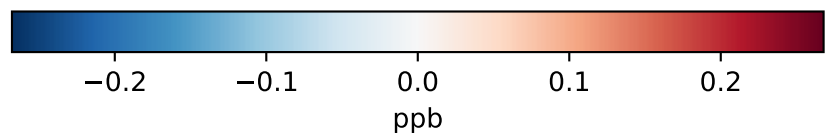
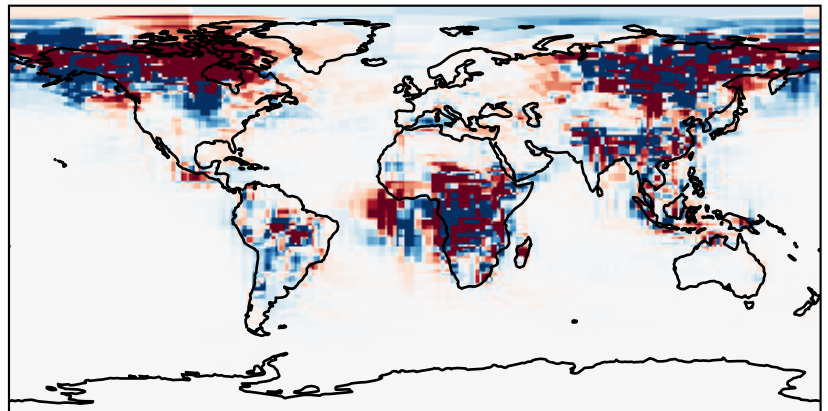
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



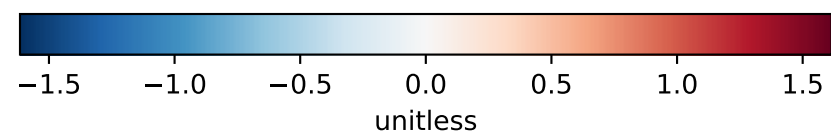
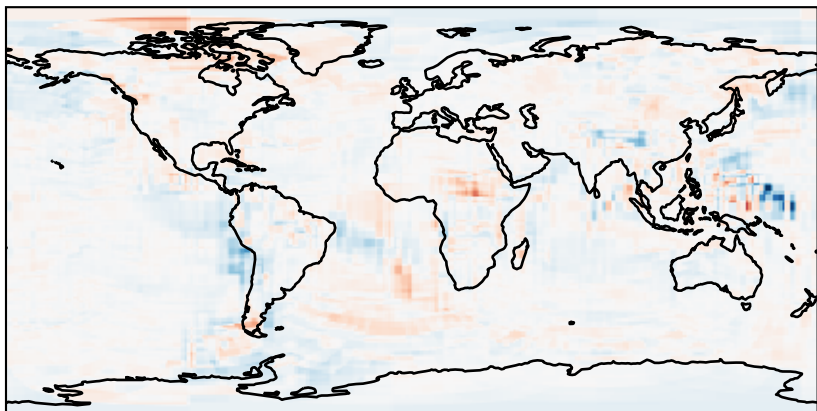
Difference (1x1.25)  
Dev - Ref, Dynamic Range



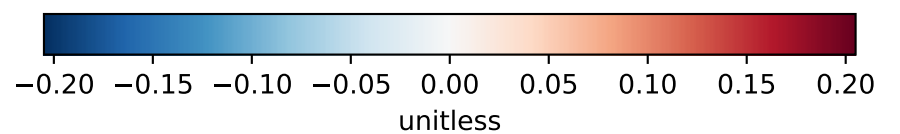
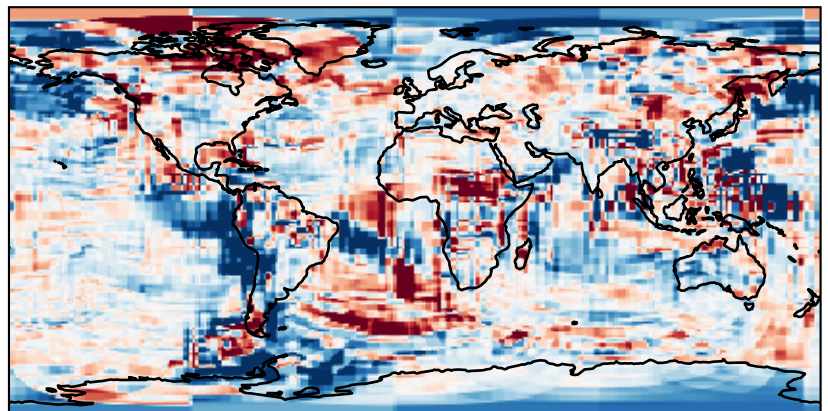
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

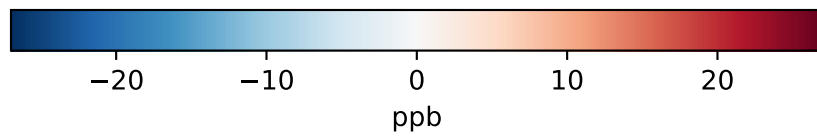
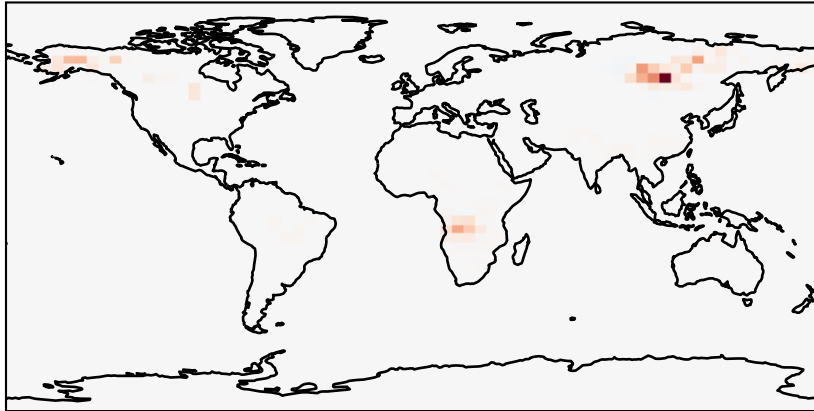


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

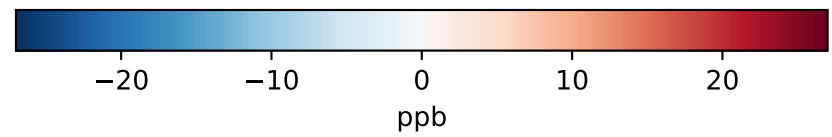
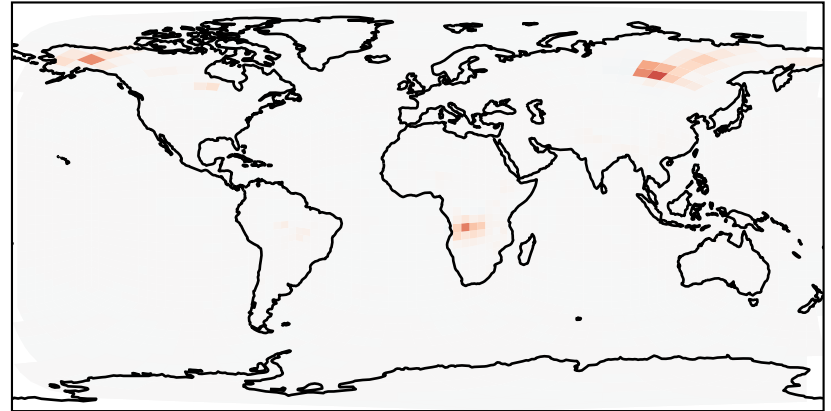


# SpeciesConcVV\_OCPO

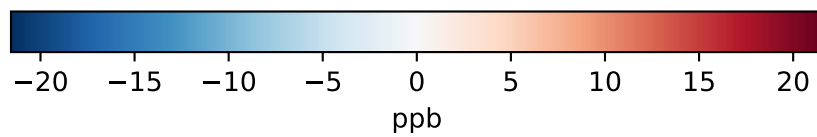
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



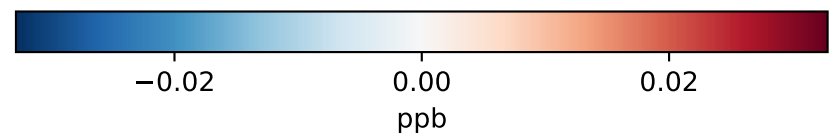
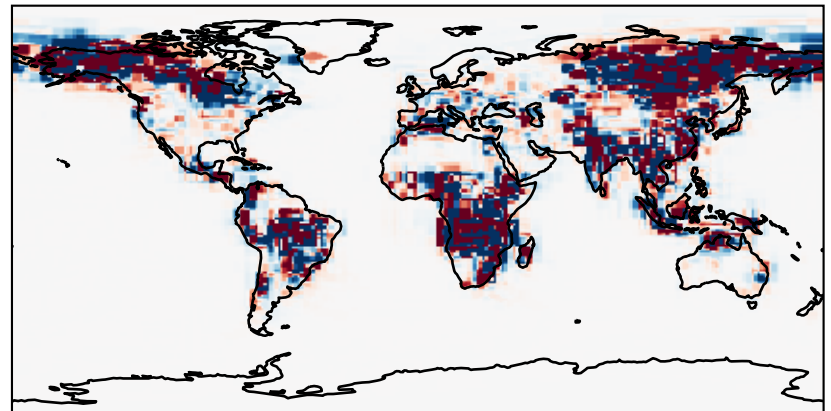
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



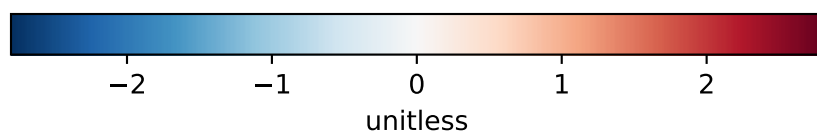
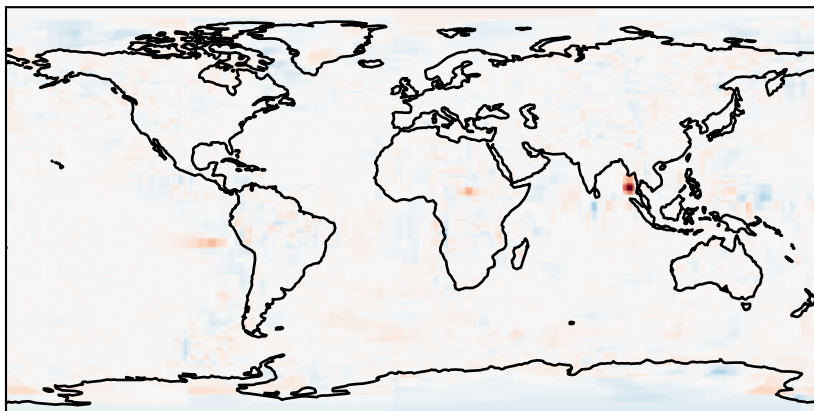
Difference (1x1.25)  
Dev - Ref, Dynamic Range



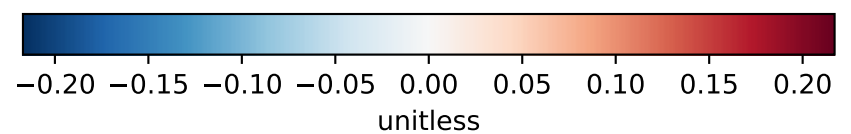
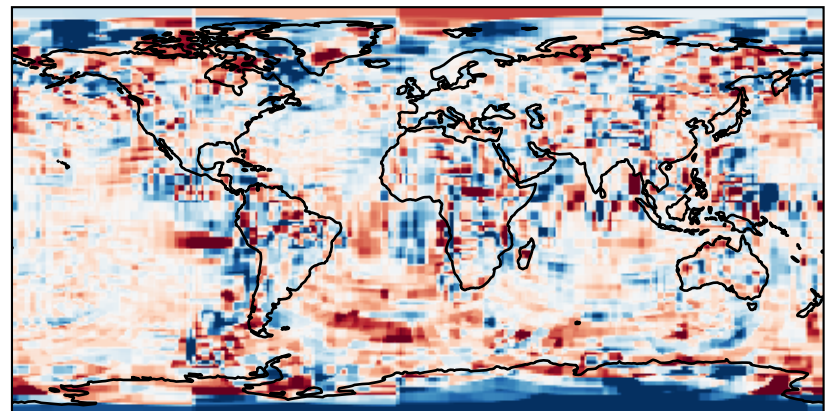
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

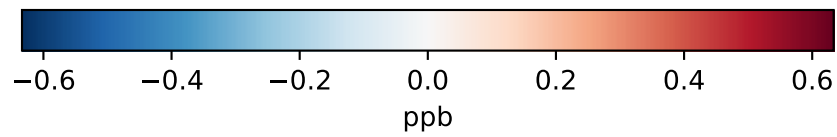
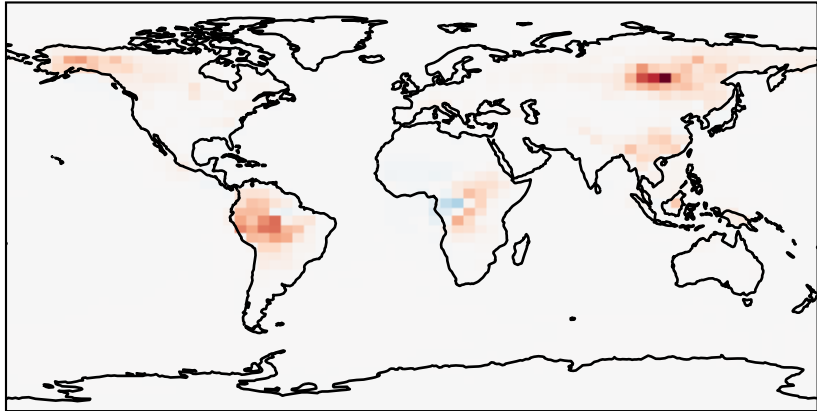


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

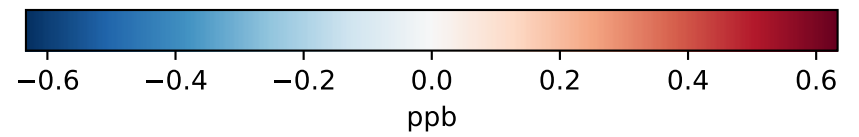
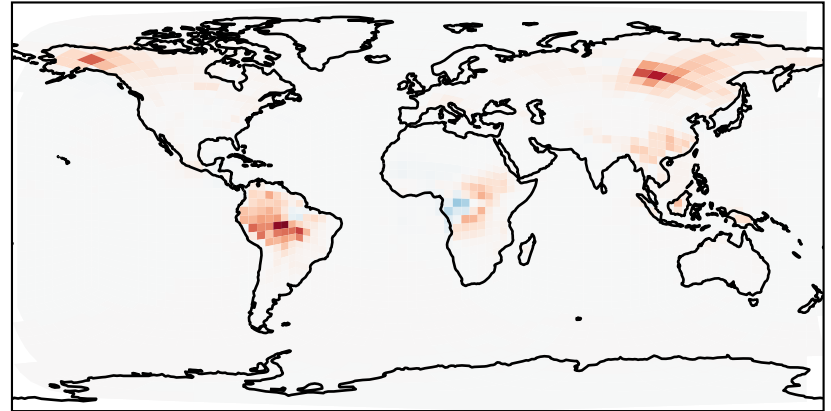


# SpeciesConcVV\_Complex\_SOA

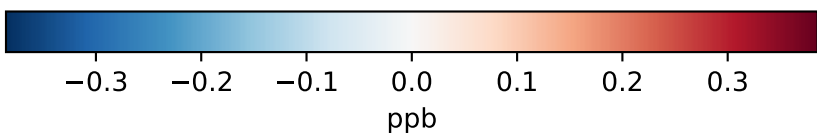
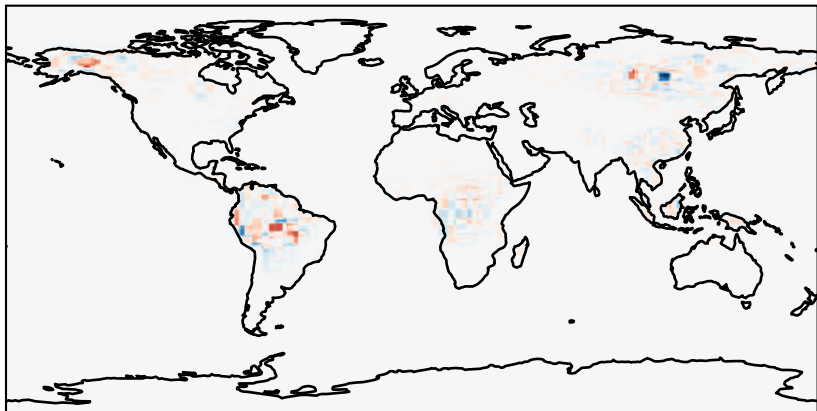
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



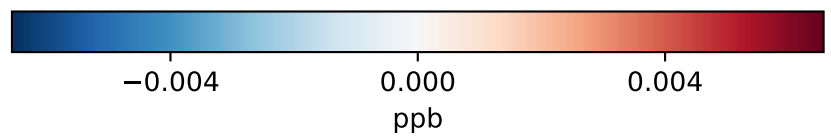
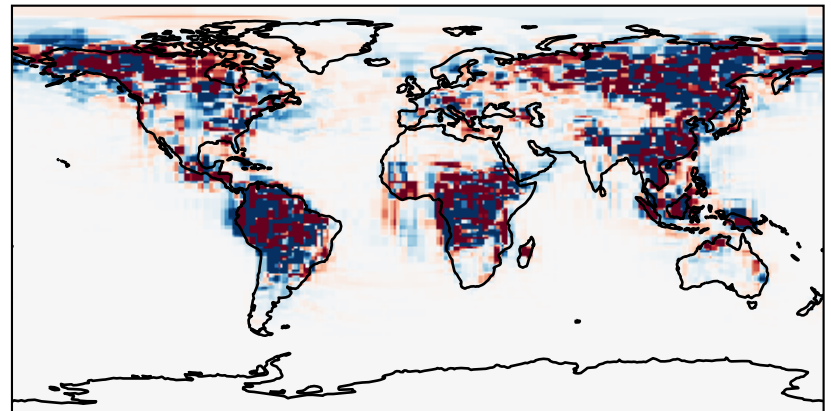
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



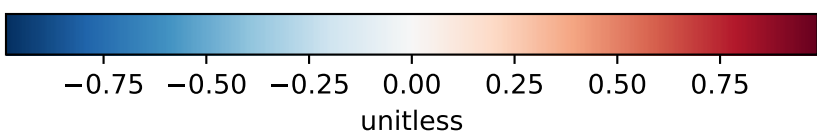
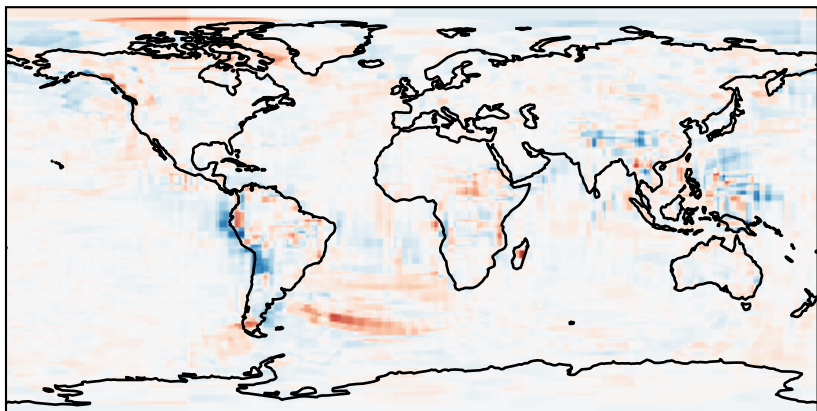
Difference (1x1.25)  
Dev - Ref, Dynamic Range



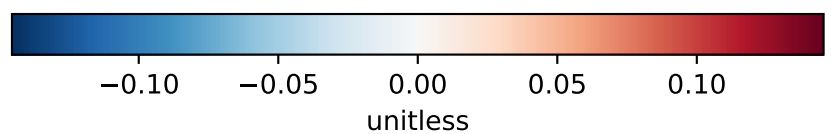
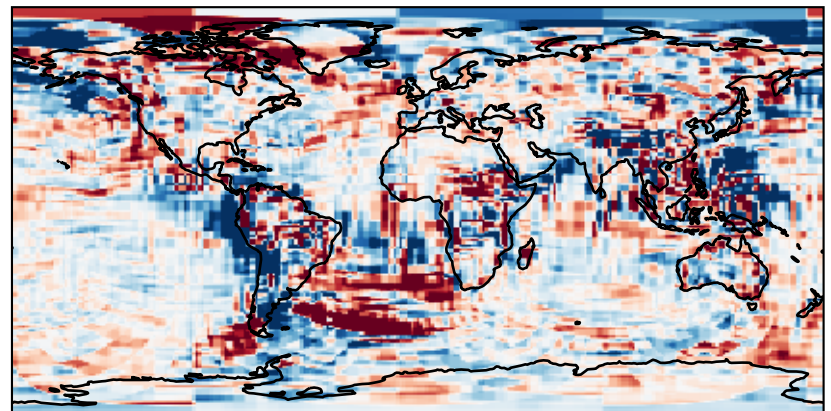
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

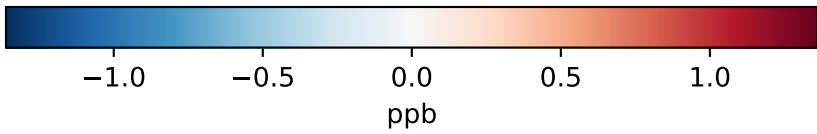
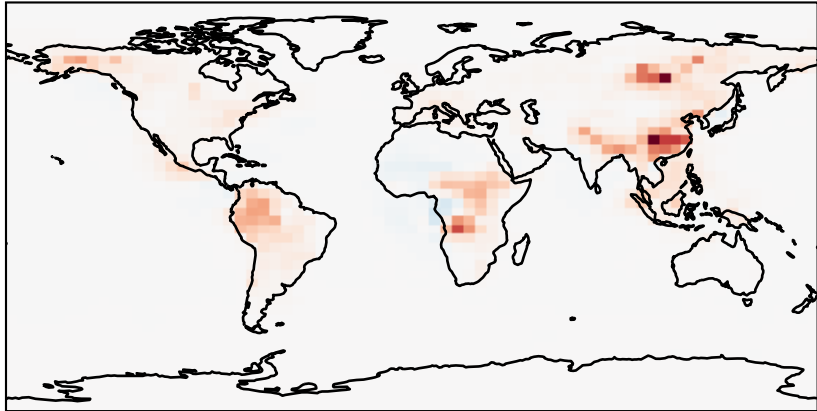


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

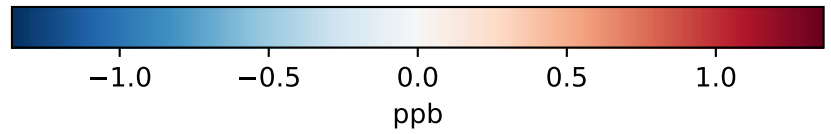
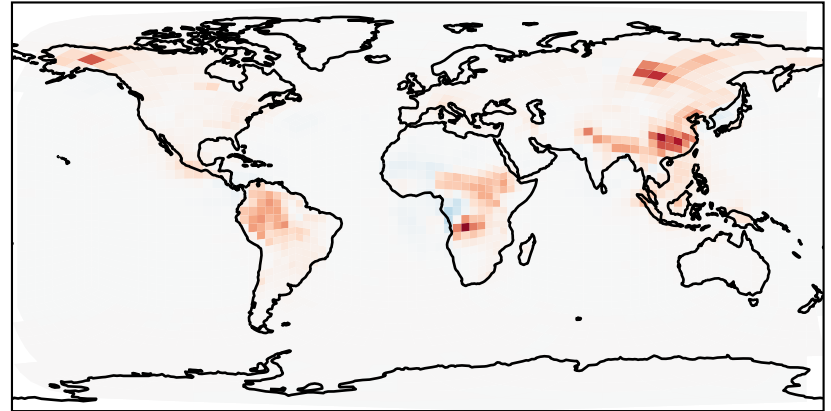


# SpeciesConcVV\_Simple\_SOA

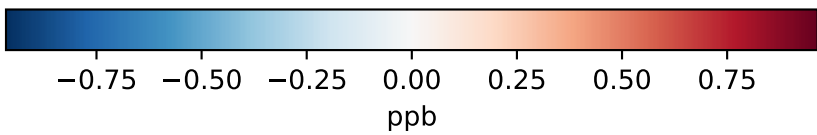
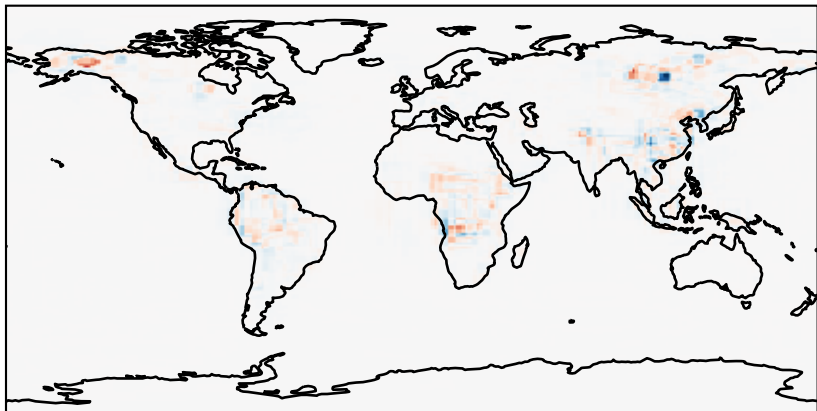
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



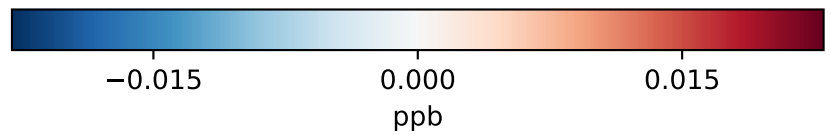
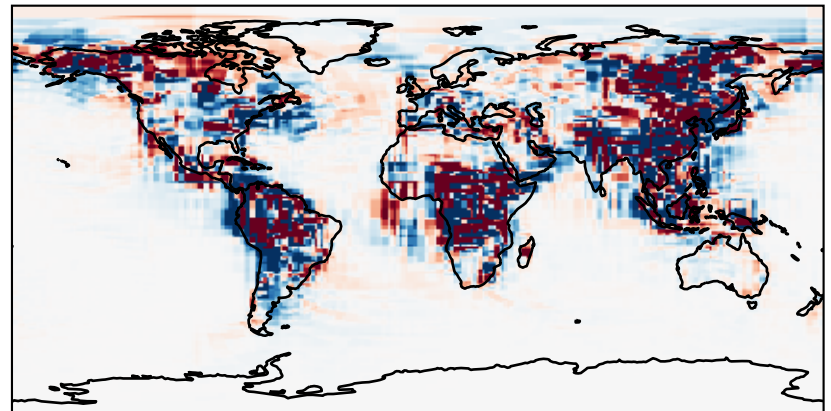
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



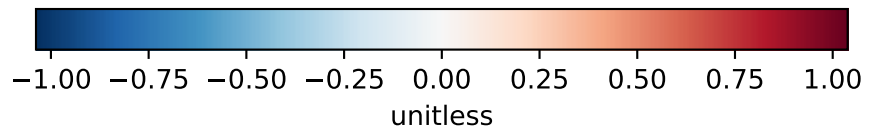
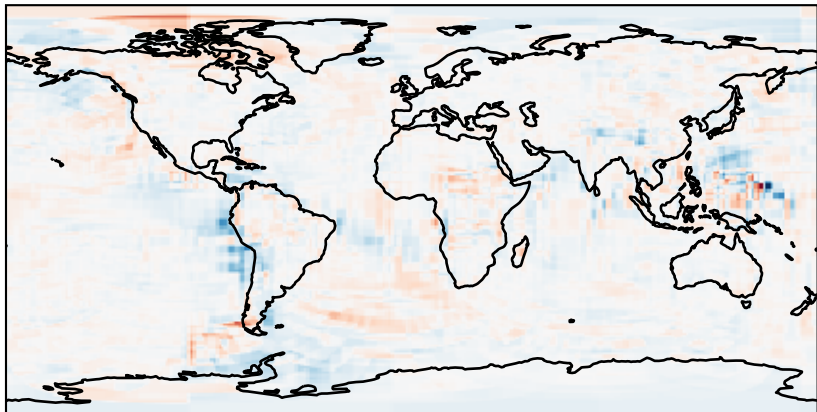
Difference (1x1.25)  
Dev - Ref, Dynamic Range



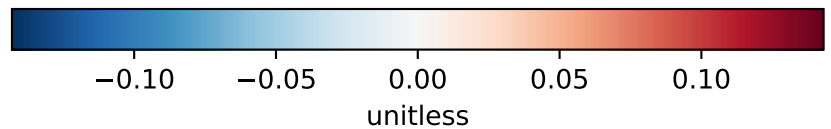
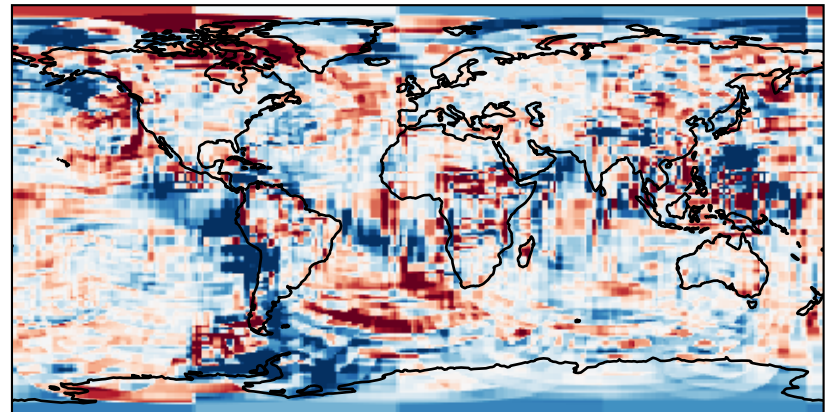
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

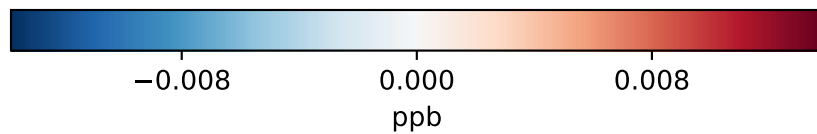


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

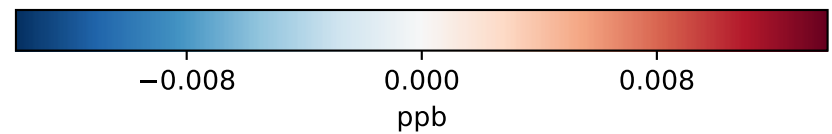
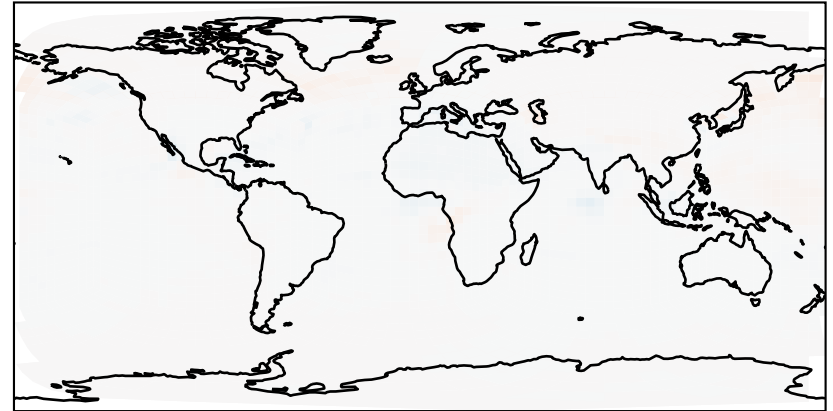


# SpeciesConcVW\_AERI

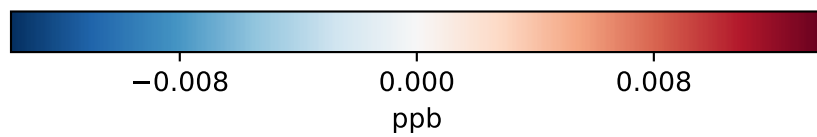
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



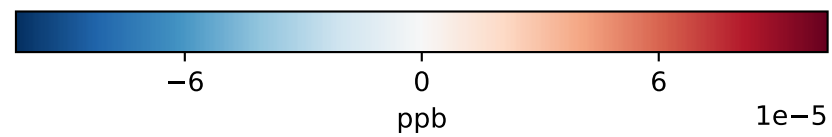
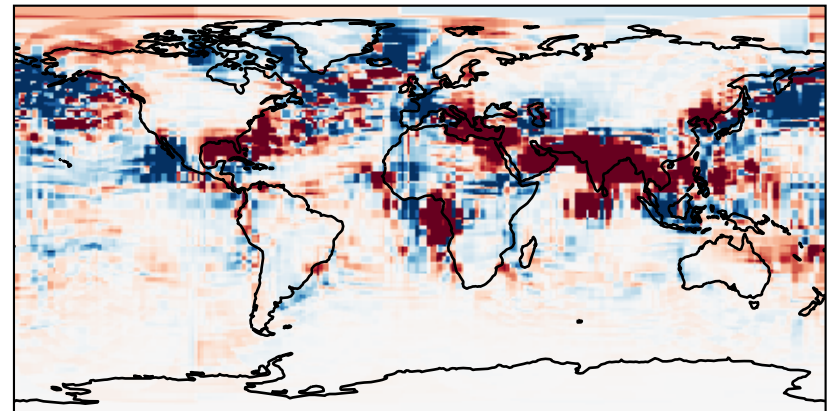
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



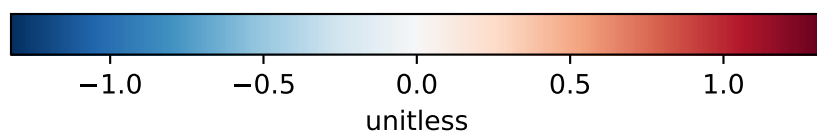
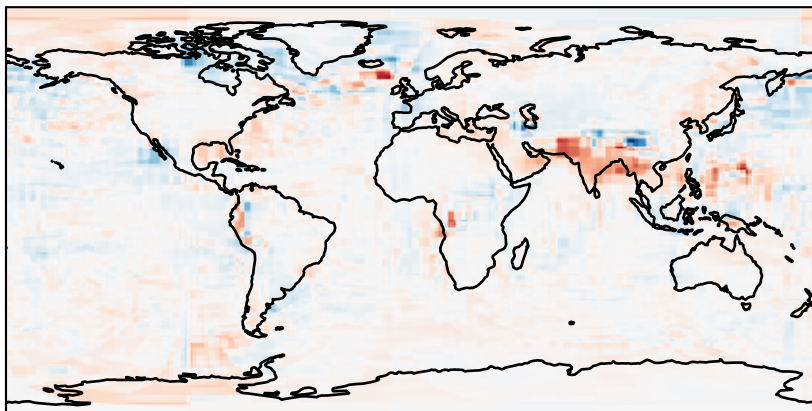
Difference (1x1.25)  
Dev - Ref, Dynamic Range



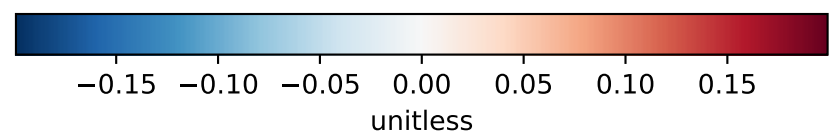
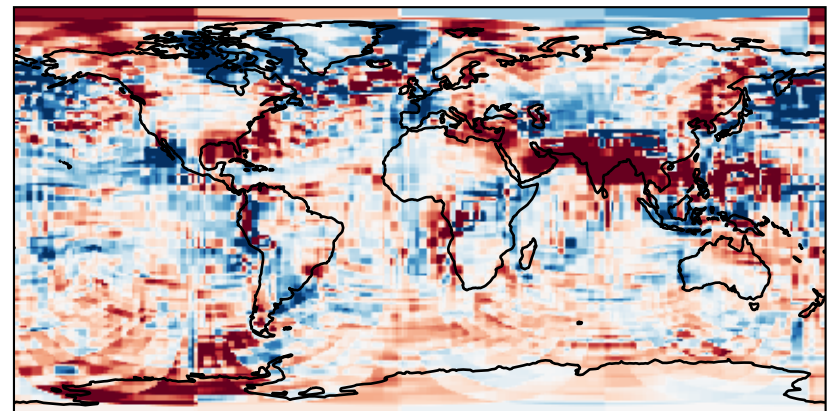
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

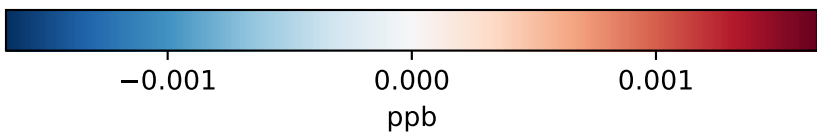
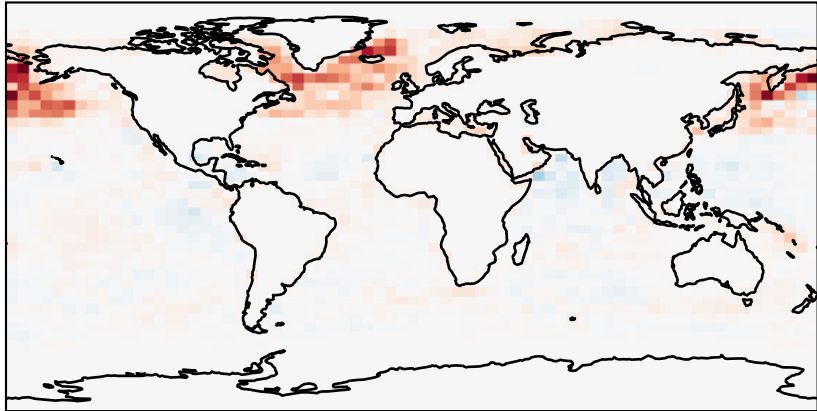


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

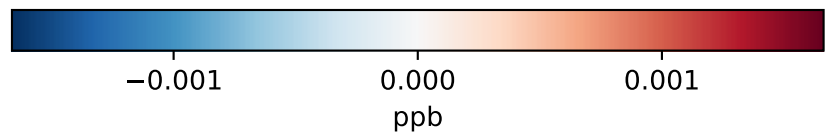
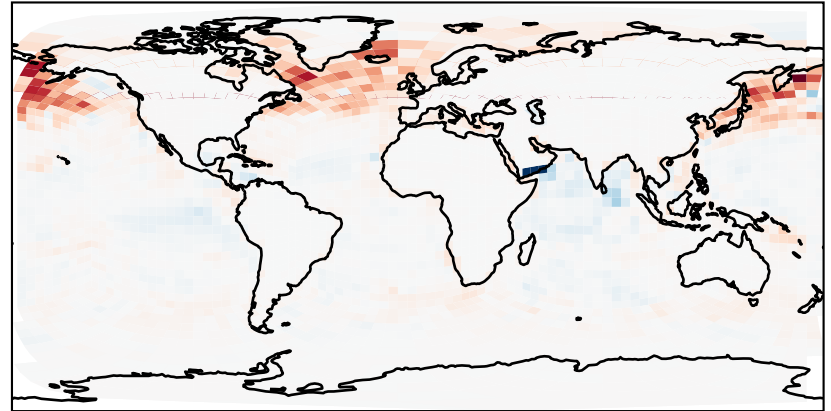


# SpeciesConcVW\_BrSALA

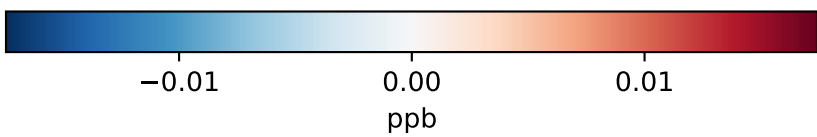
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



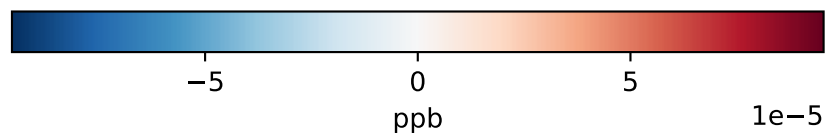
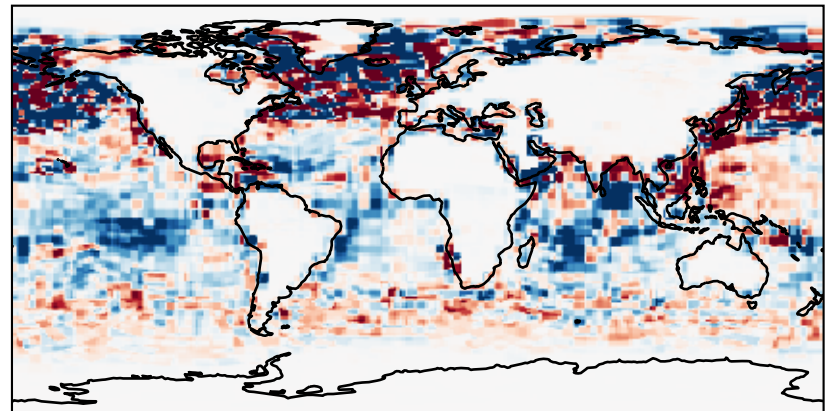
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



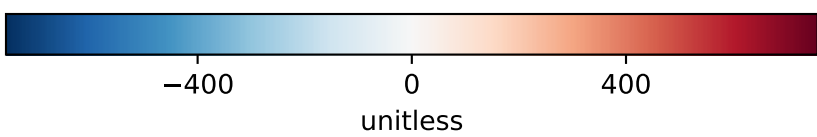
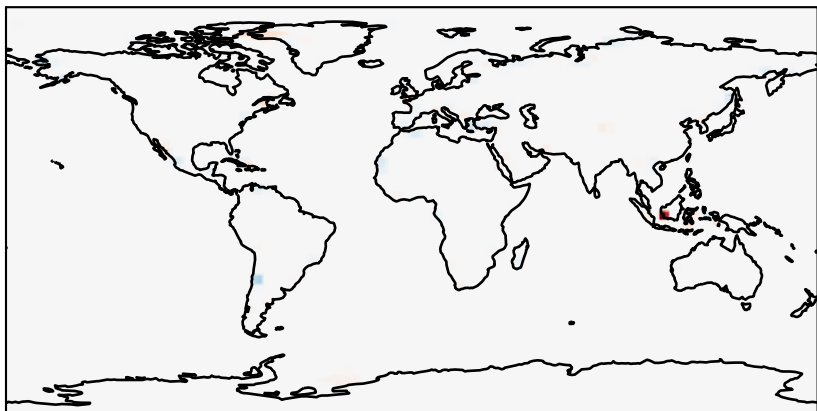
Difference (1x1.25)  
Dev - Ref, Dynamic Range



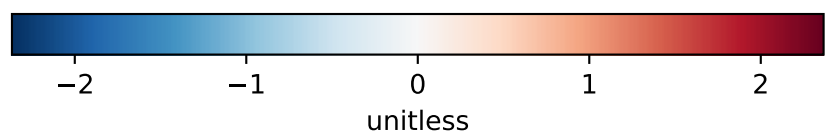
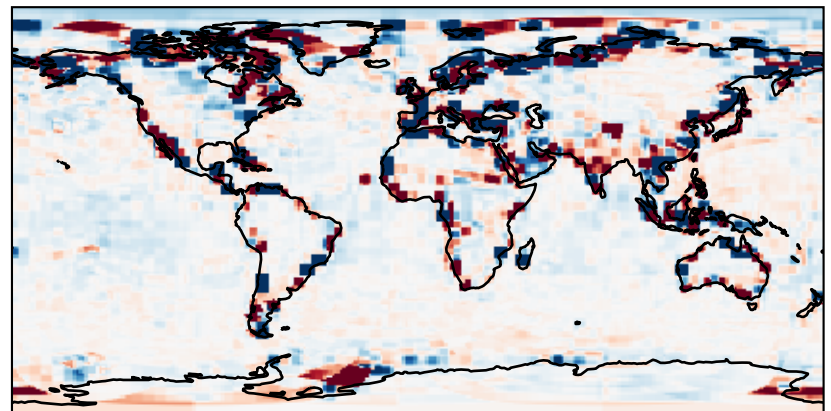
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$



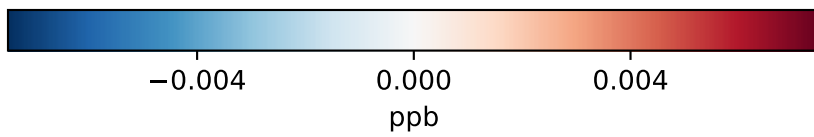
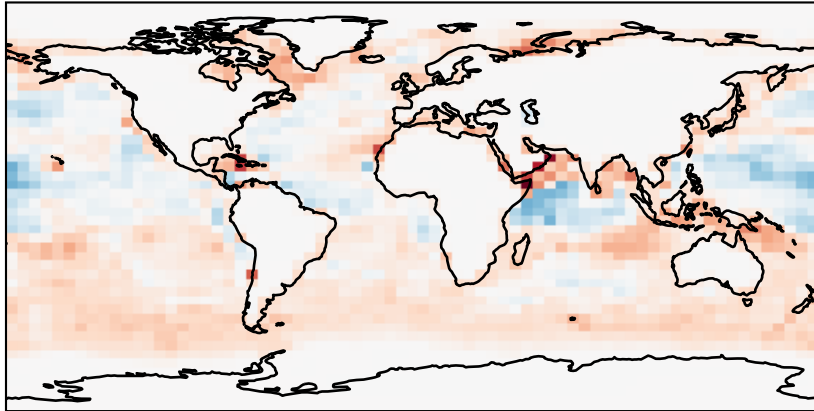
Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$



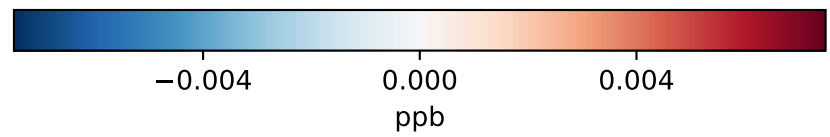
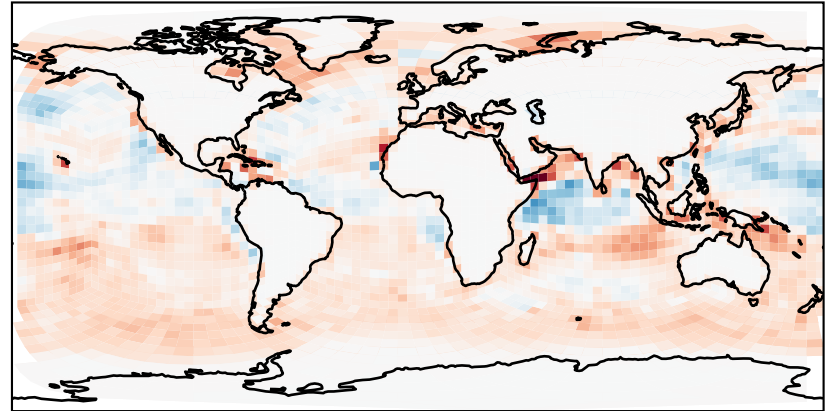


# SpeciesConcVW\_BrSALC

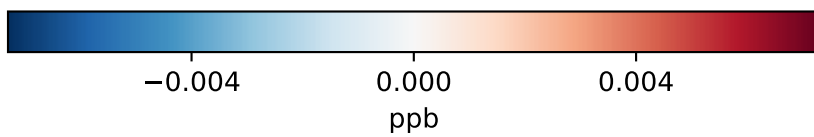
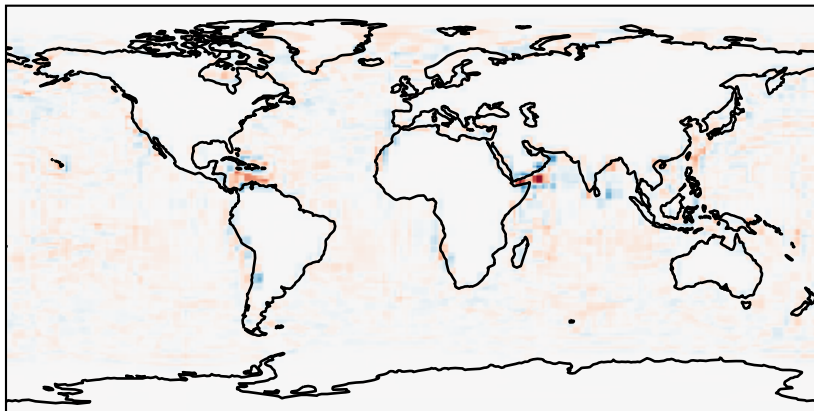
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



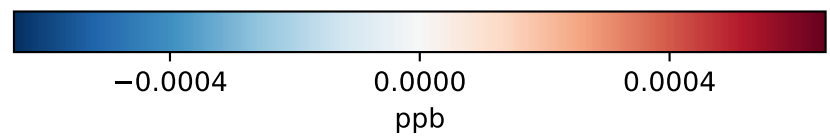
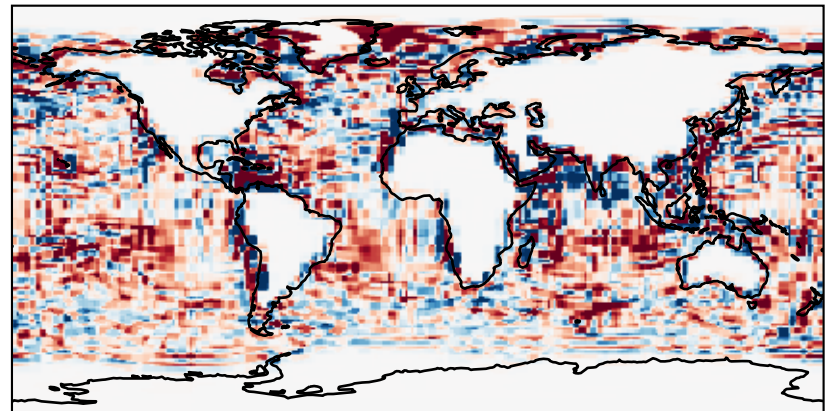
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



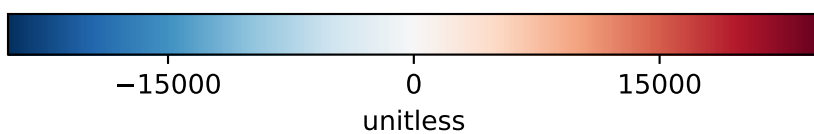
Difference (1x1.25)  
Dev - Ref, Dynamic Range



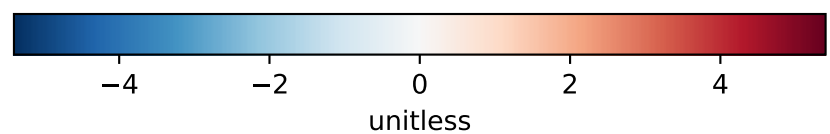
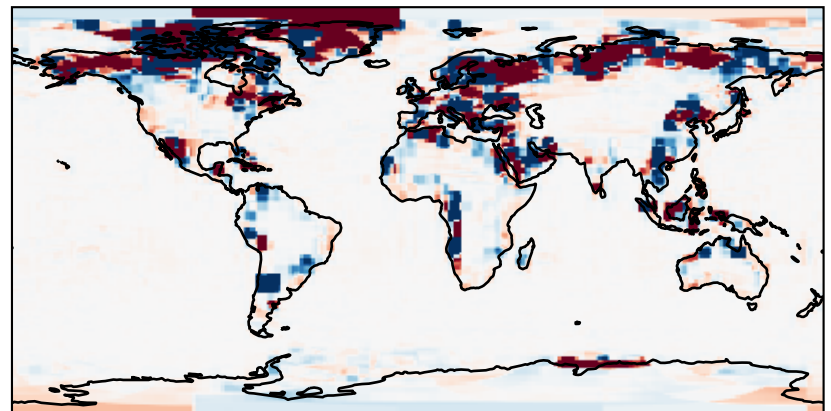
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

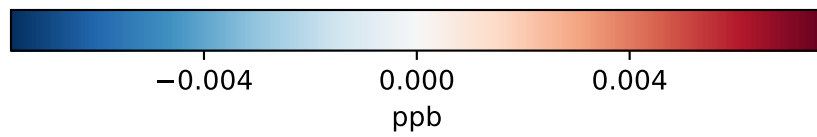
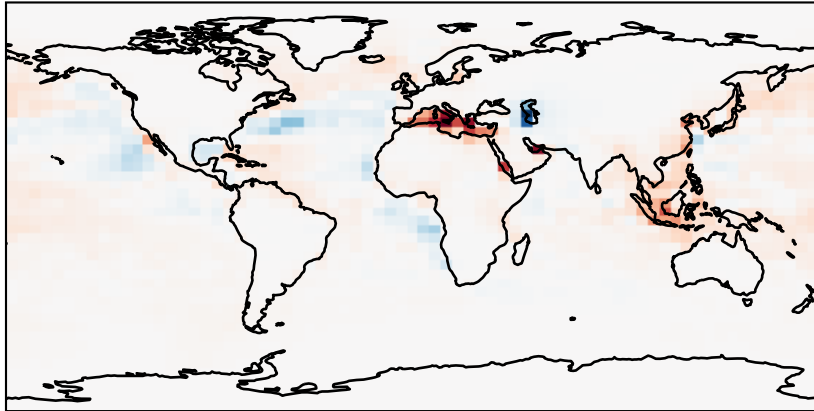


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

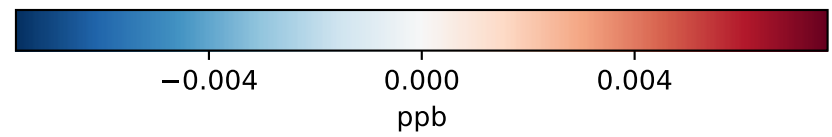
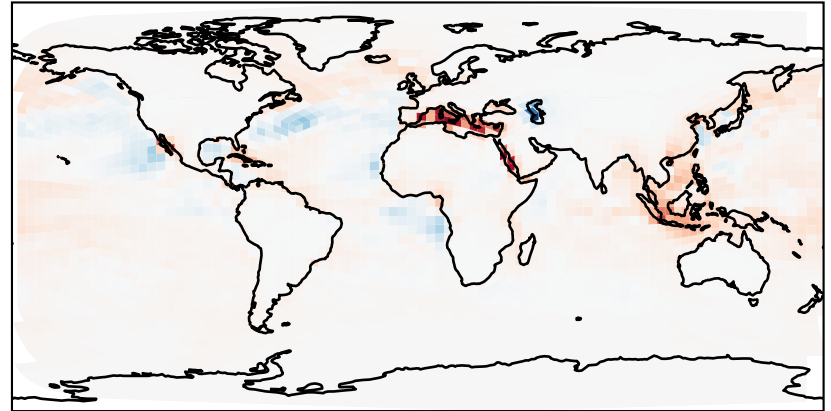


# SpeciesConcVW\_ISALA

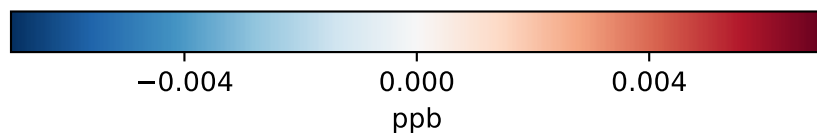
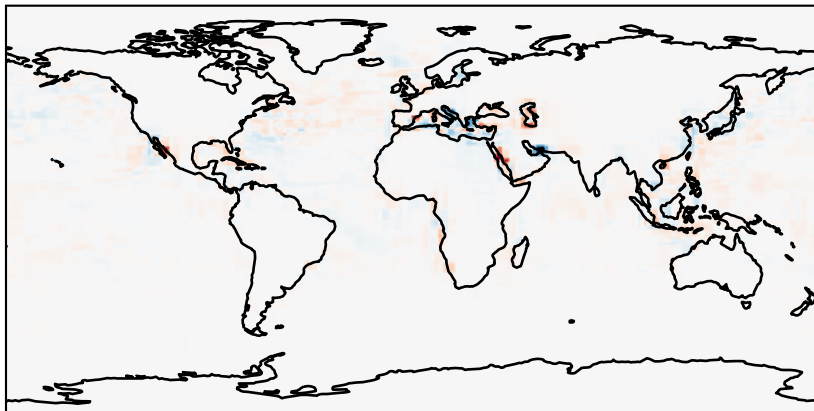
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



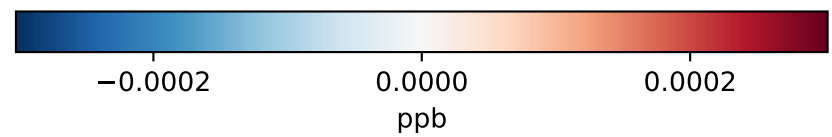
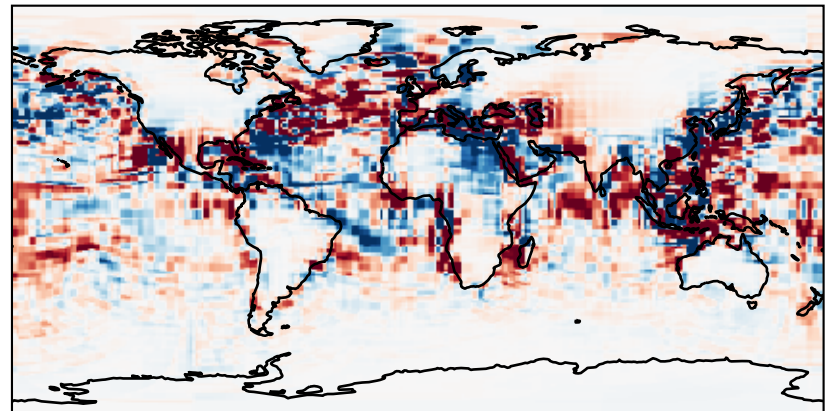
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



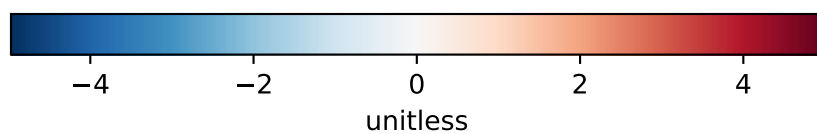
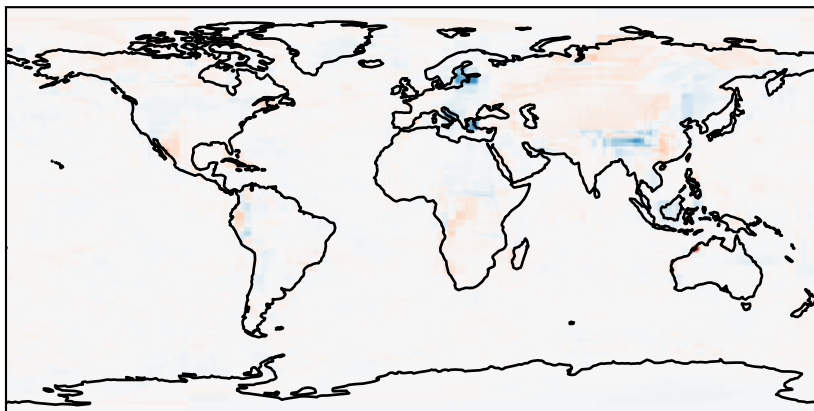
Difference (1x1.25)  
Dev - Ref, Dynamic Range



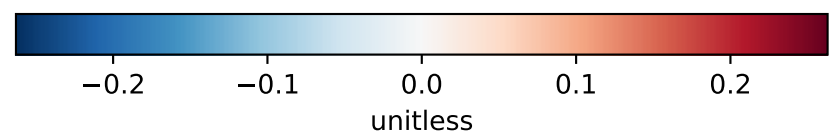
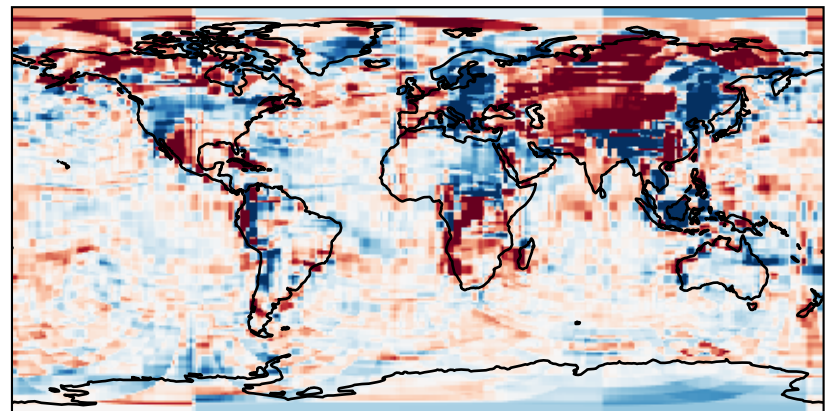
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

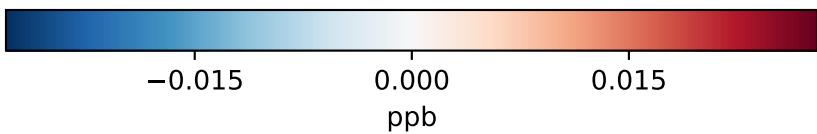
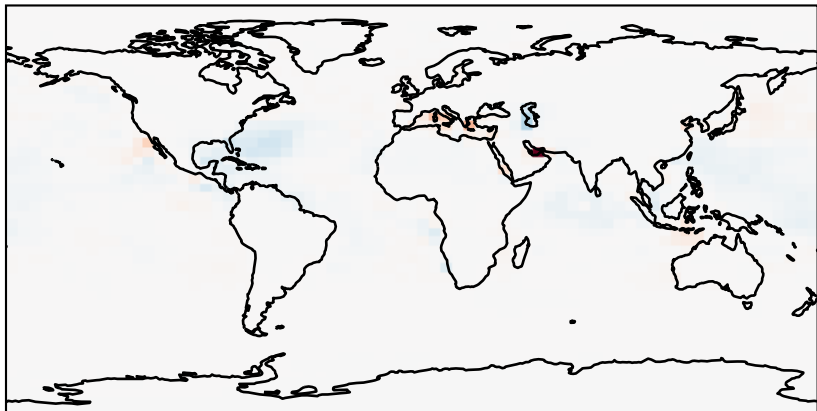


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

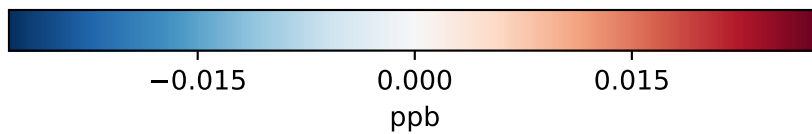
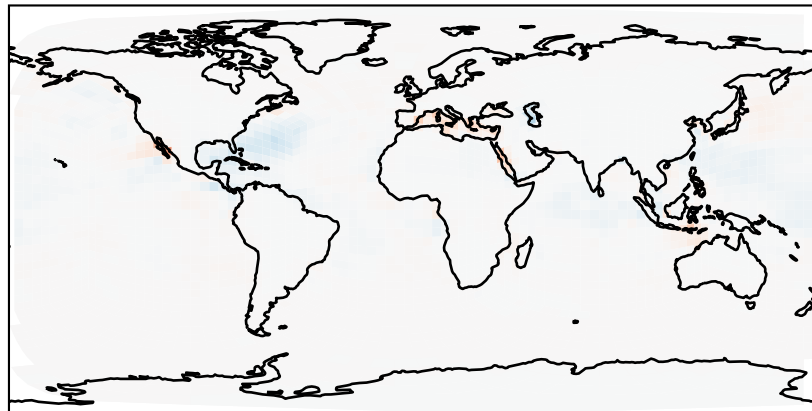


# SpeciesConcVV\_ISALC

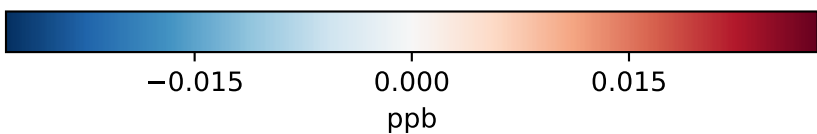
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



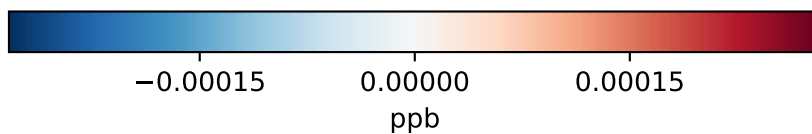
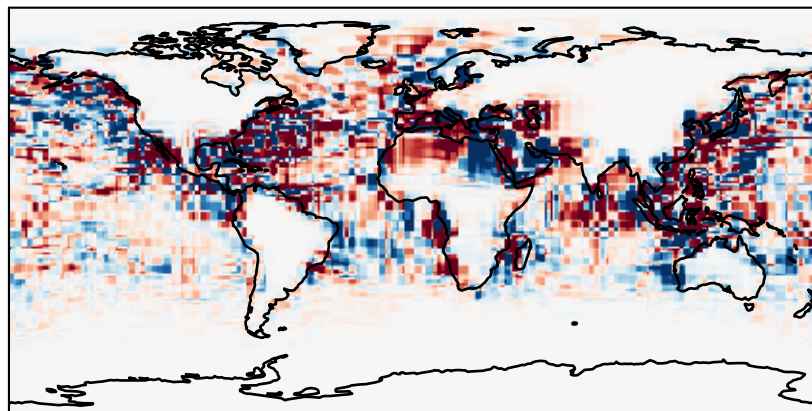
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



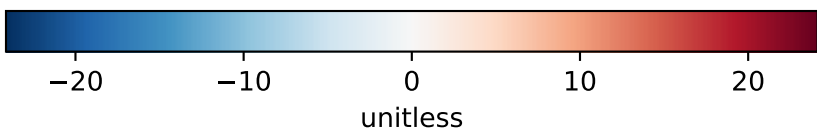
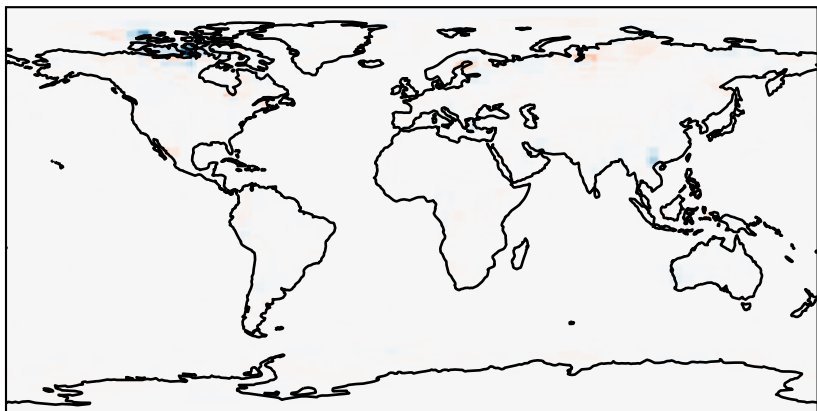
Difference (1x1.25)  
Dev - Ref, Dynamic Range



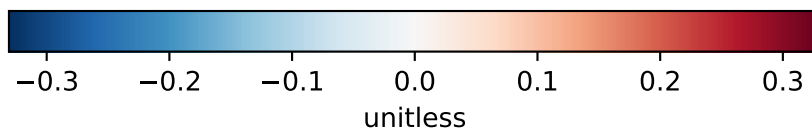
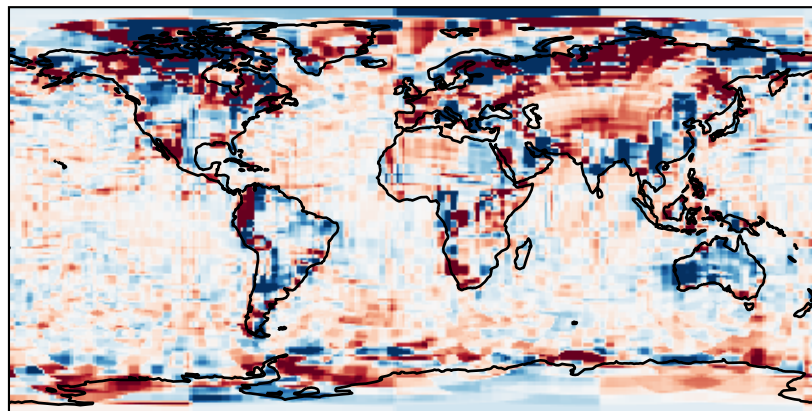
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

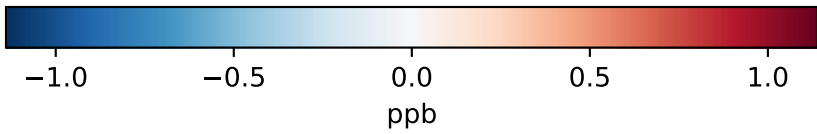
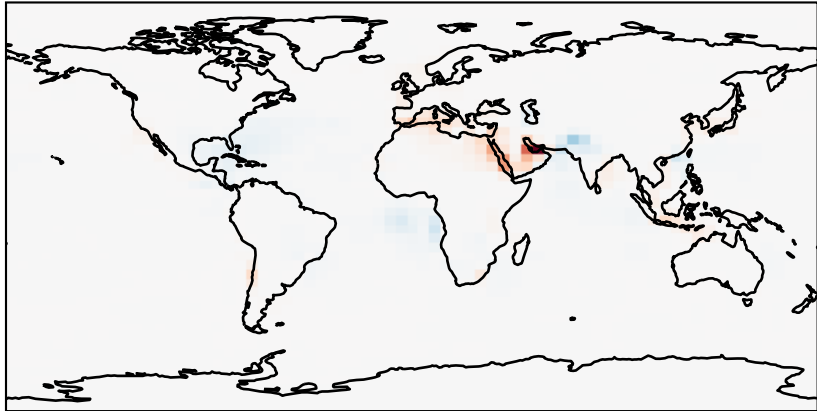


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

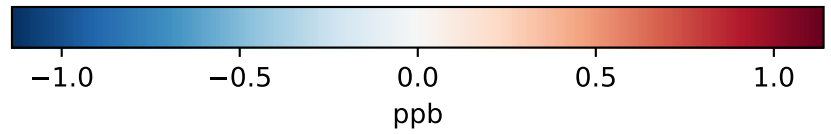
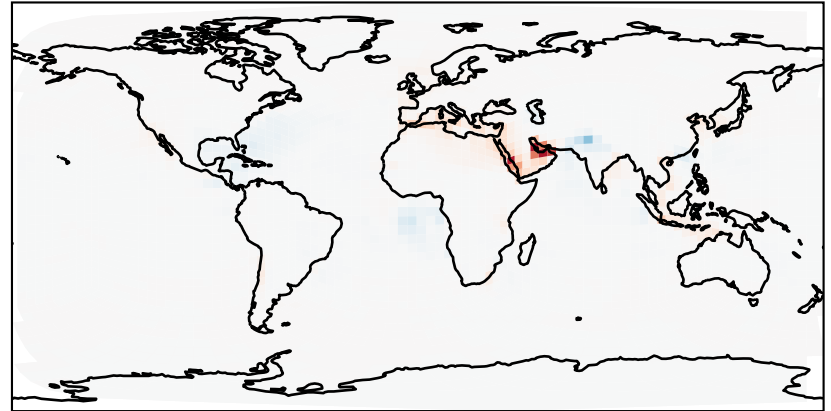


# SpeciesConcVV\_NITs

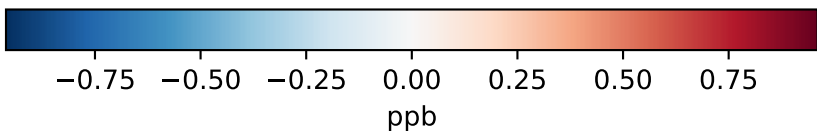
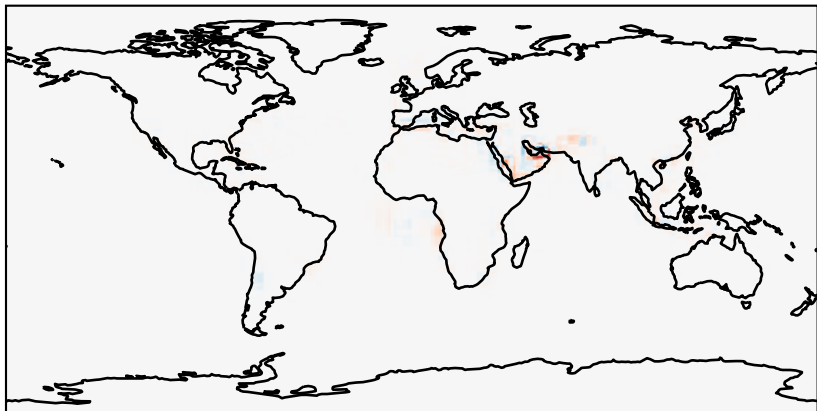
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



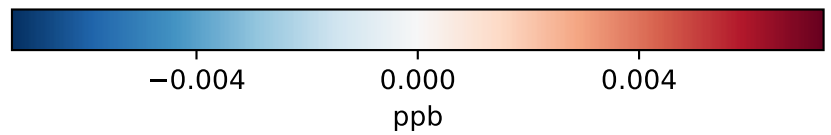
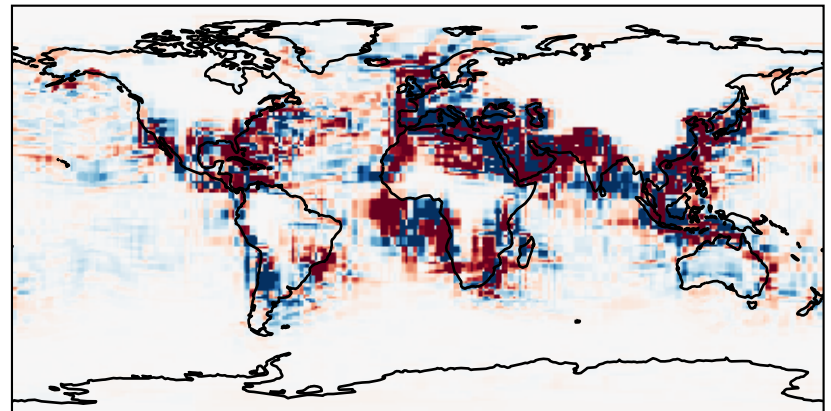
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



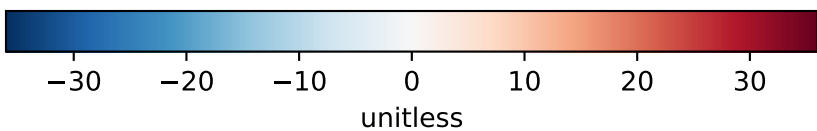
Difference (1x1.25)  
Dev - Ref, Dynamic Range



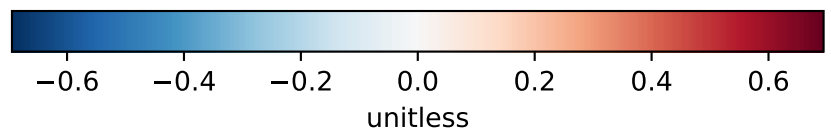
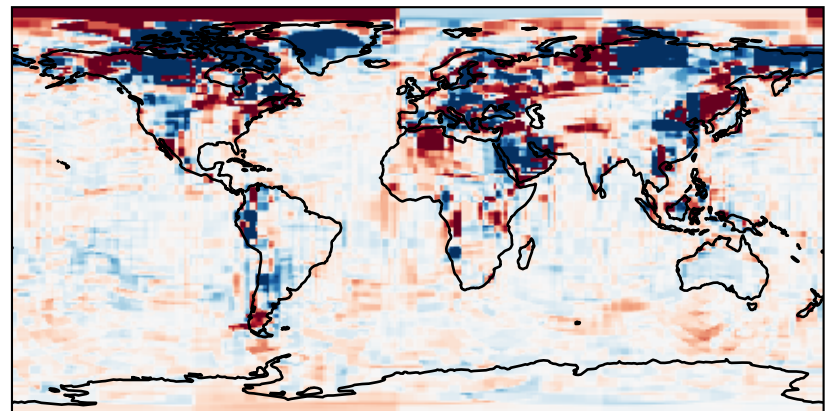
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
 $GCHP_{dev} / GCHP_{ref} - GCC_{dev} / GCC_{ref}$

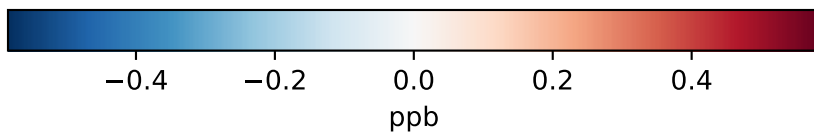
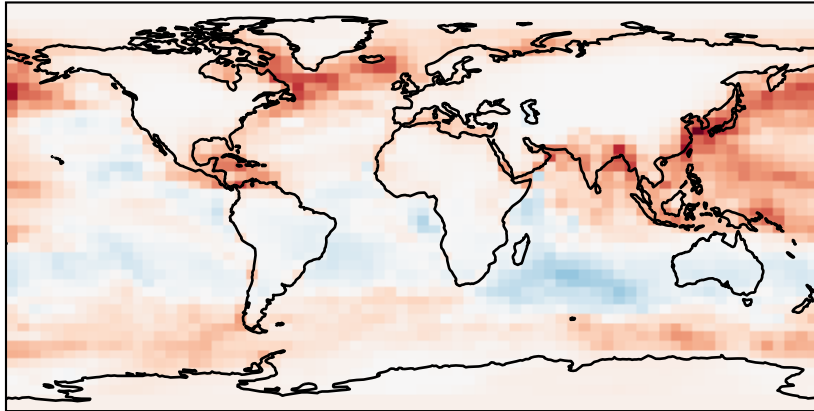


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP_{dev} / GCHP_{ref} - GCC_{dev} / GCC_{ref}$

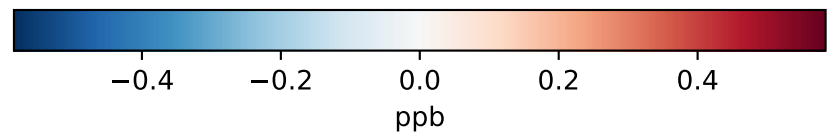
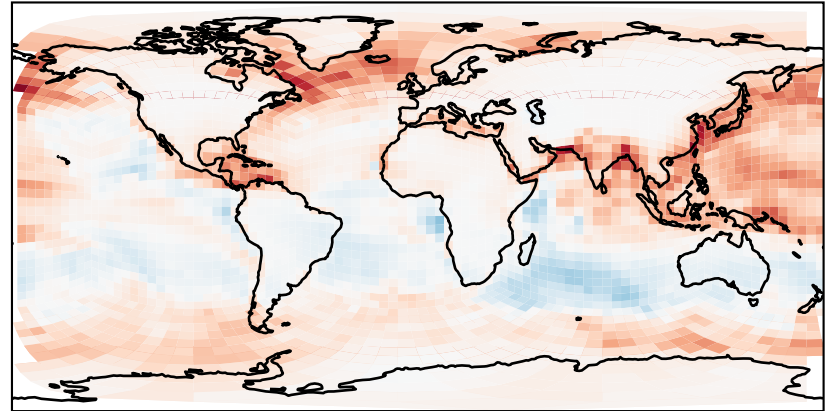


# SpeciesConcVV\_SALA

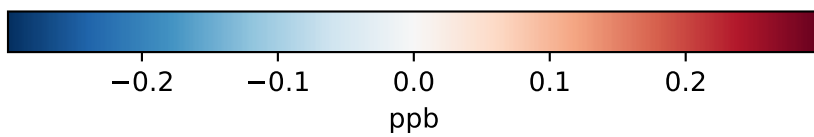
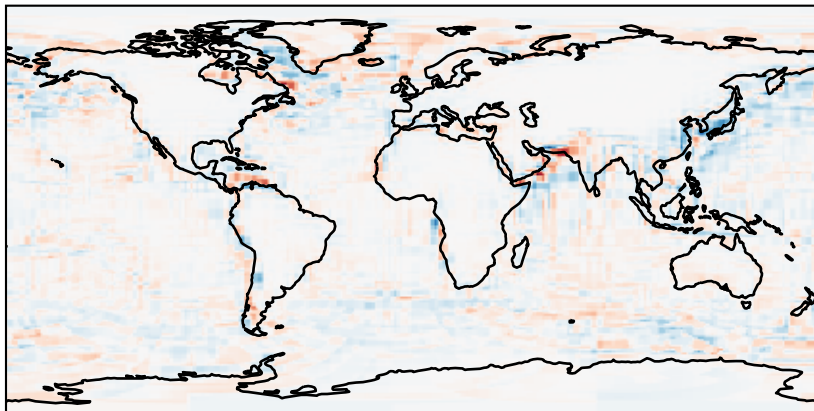
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



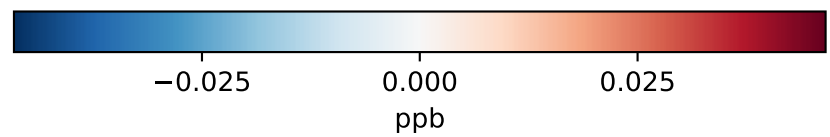
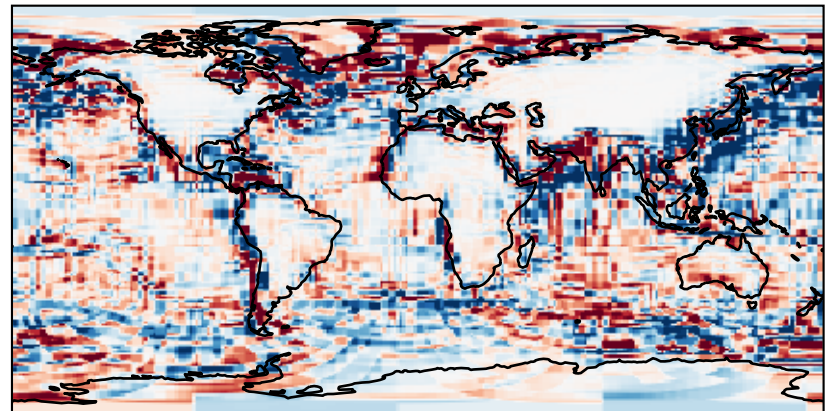
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



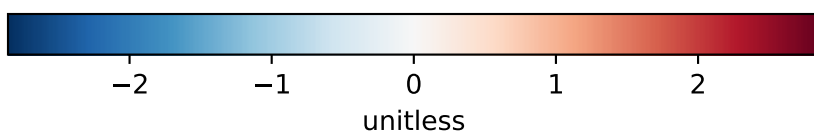
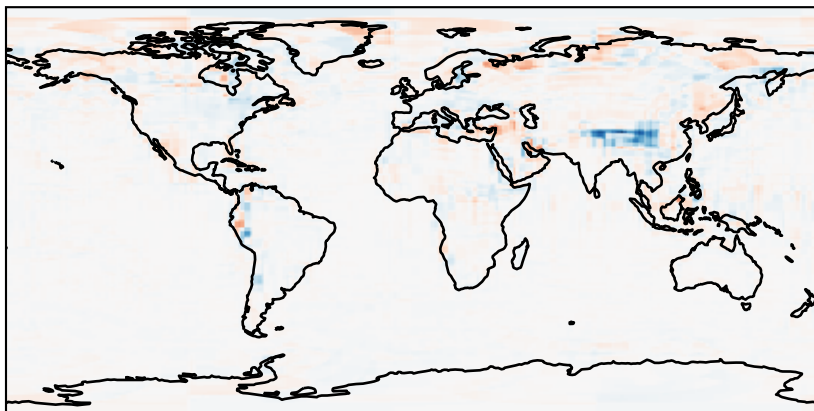
Difference (1x1.25)  
Dev - Ref, Dynamic Range



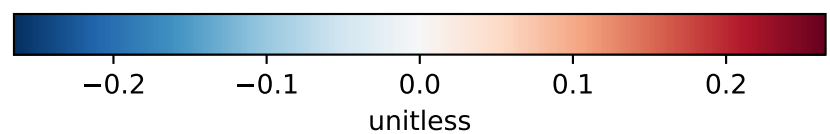
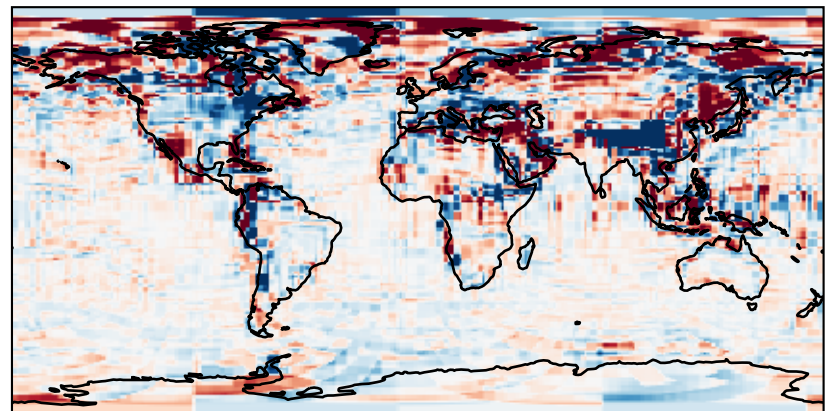
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

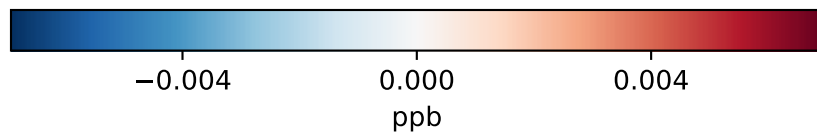
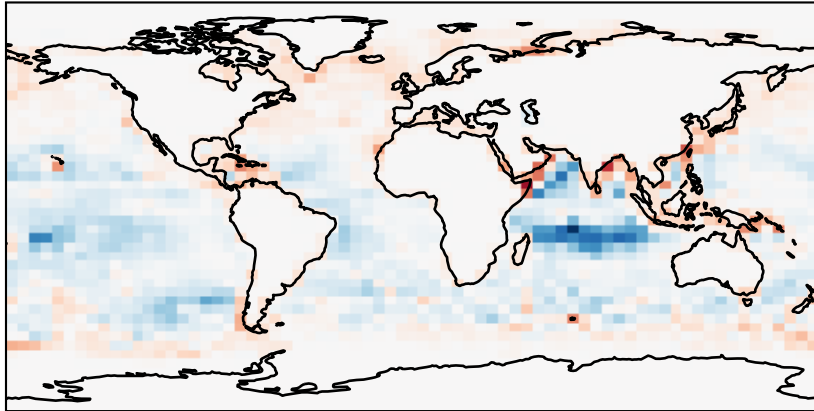


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

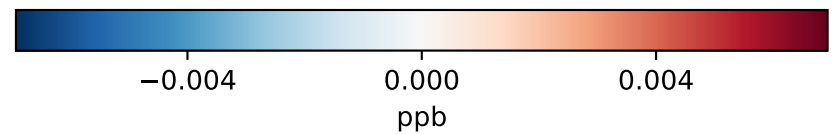
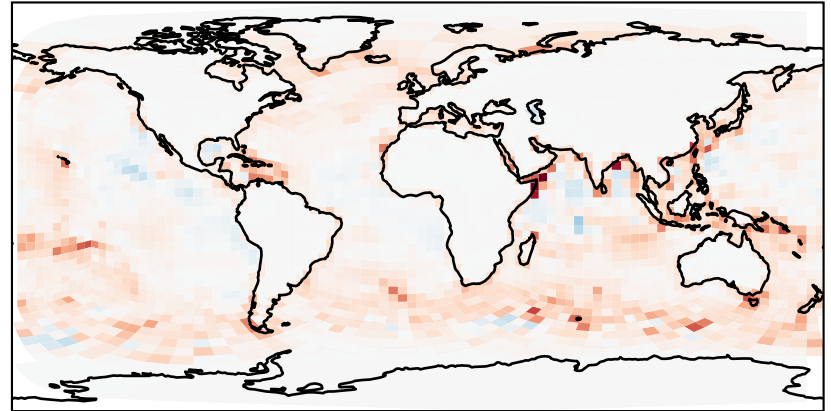


# SpeciesConcVV\_SALAAL

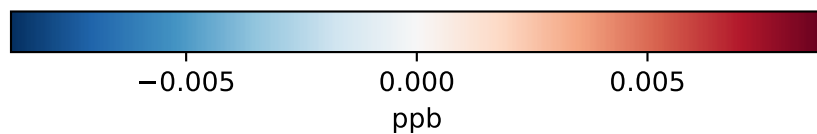
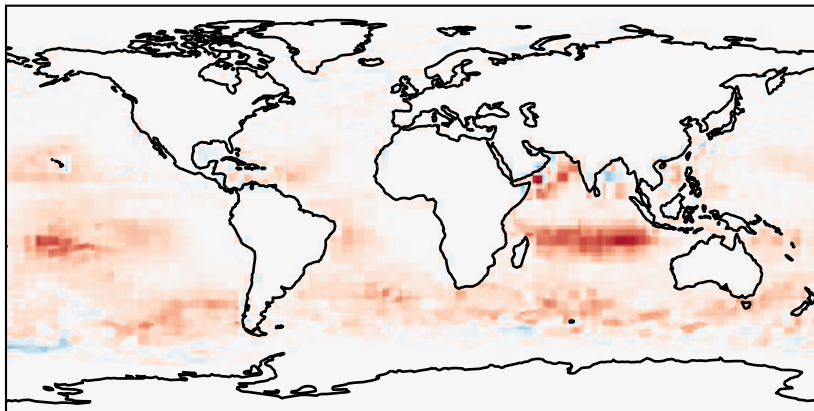
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



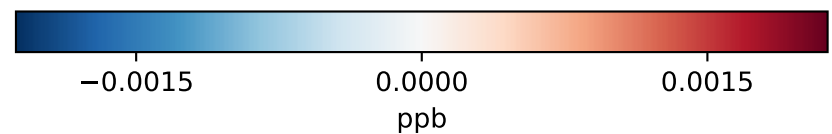
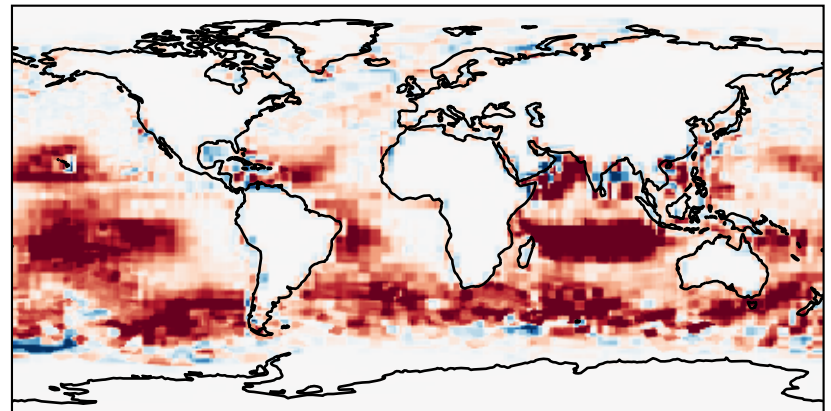
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



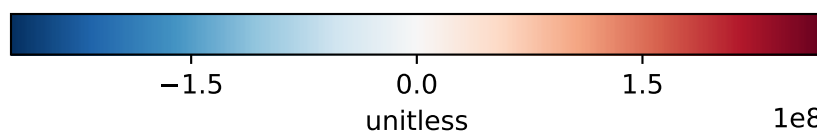
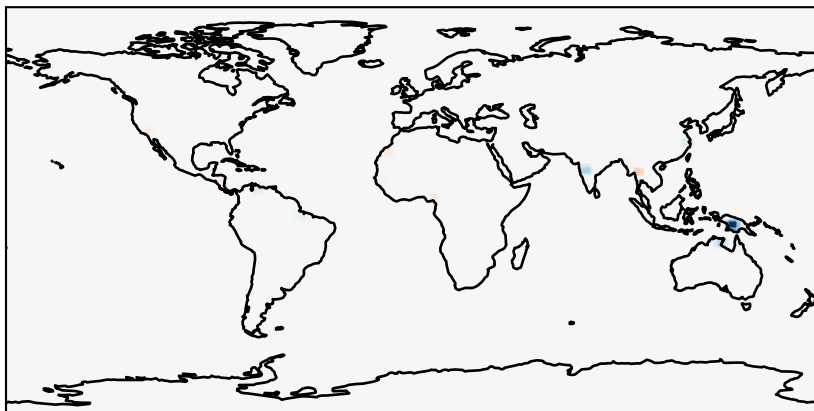
Difference (1x1.25)  
Dev - Ref, Dynamic Range



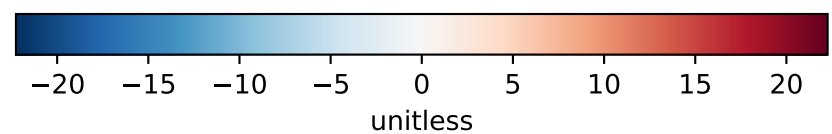
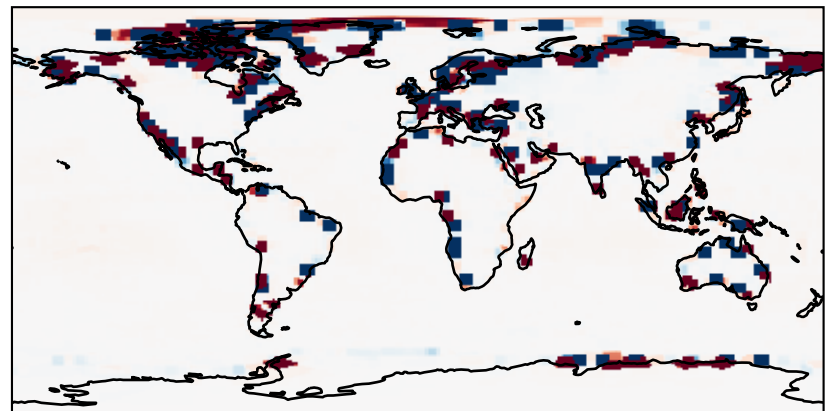
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

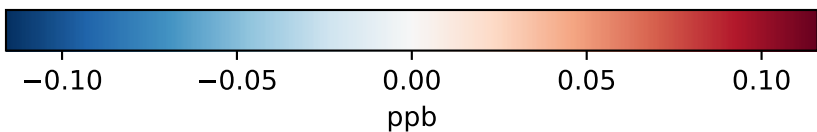
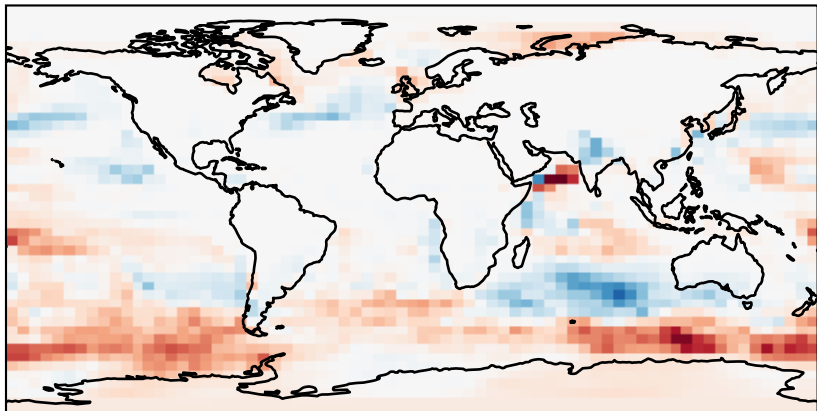


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

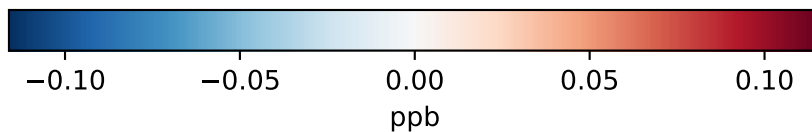
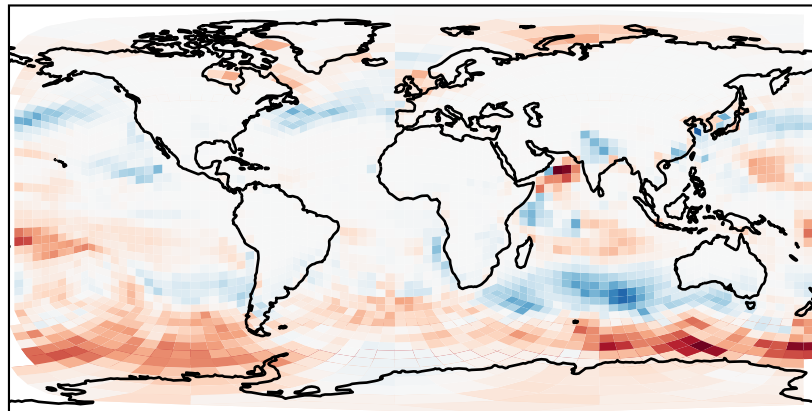


# SpeciesConcVV\_SALACL

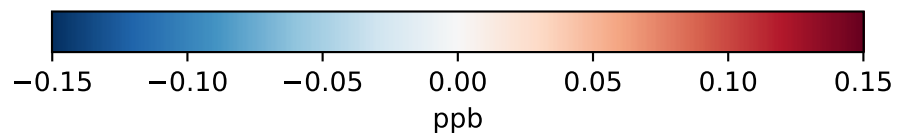
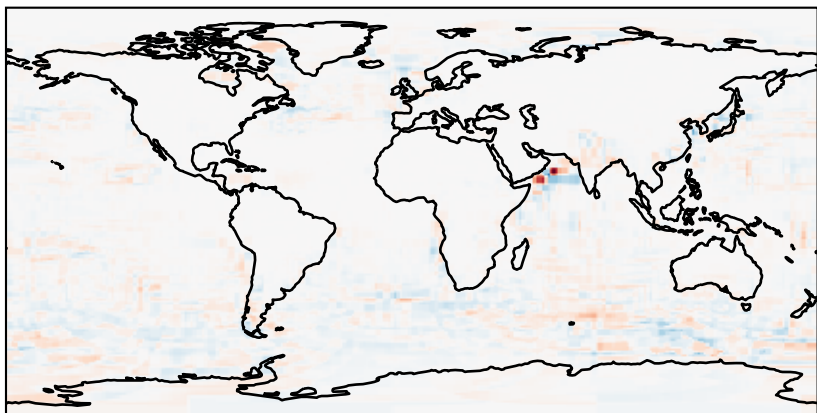
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



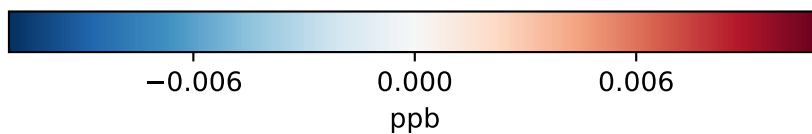
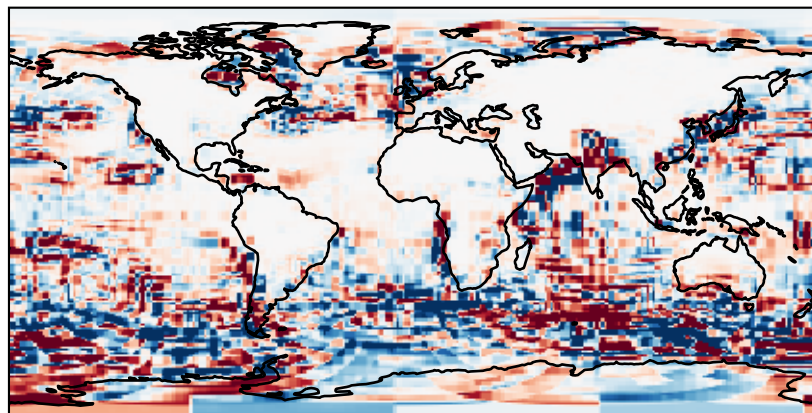
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



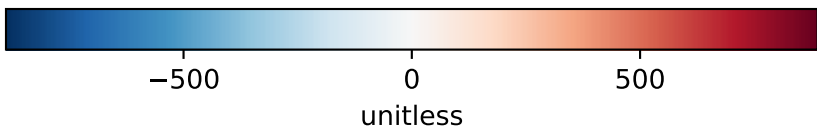
Difference (1x1.25)  
Dev - Ref, Dynamic Range



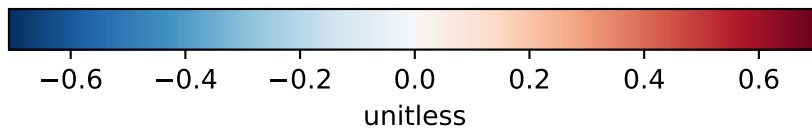
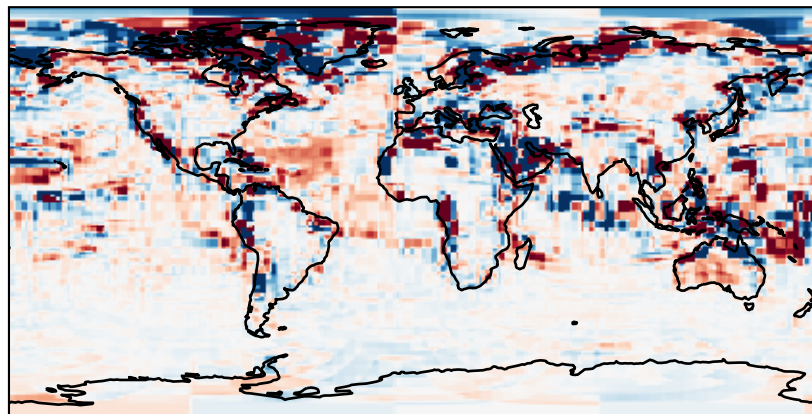
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

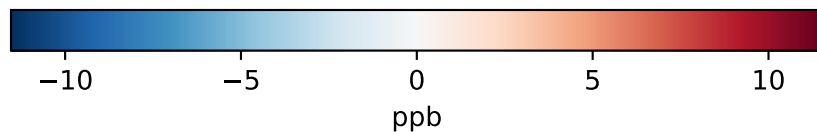
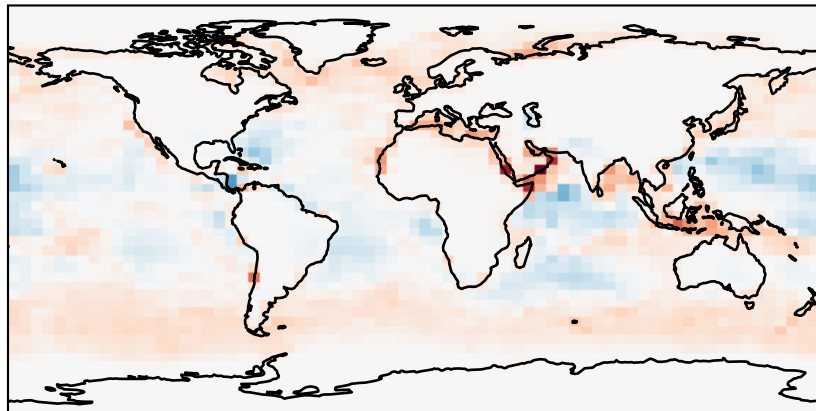


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

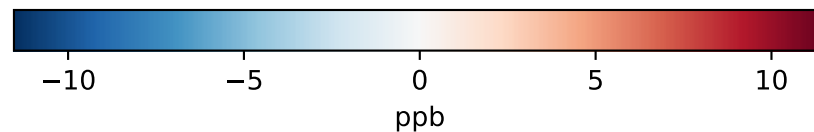
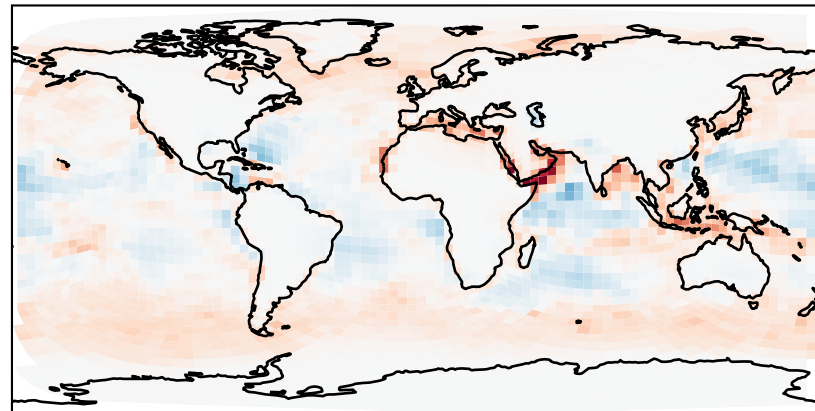


# SpeciesConcVV\_SALC

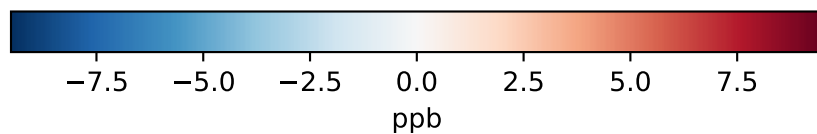
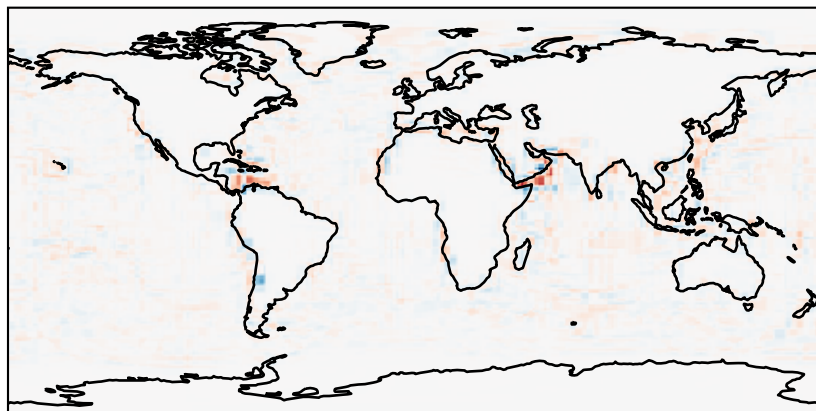
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



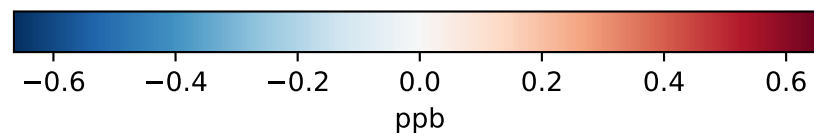
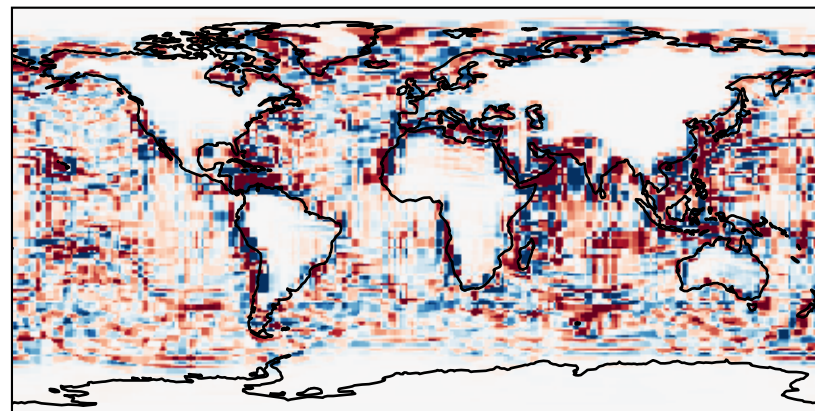
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



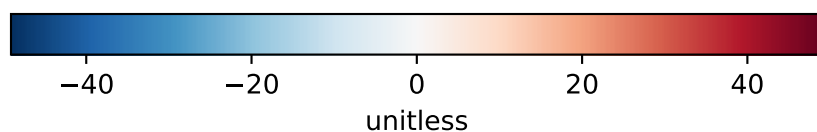
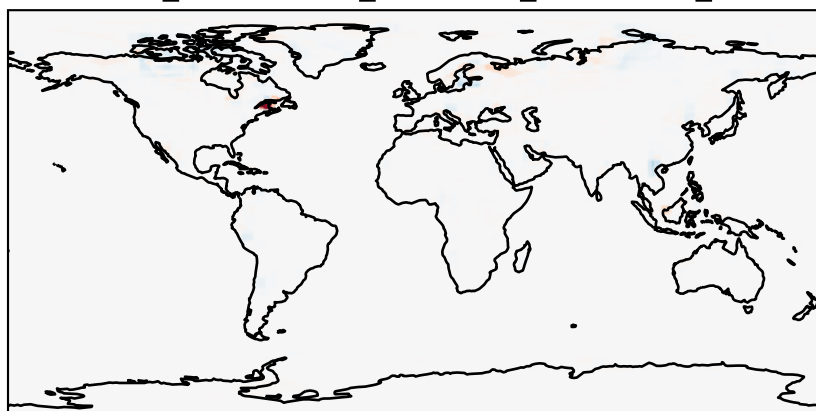
Difference (1x1.25)  
Dev - Ref, Dynamic Range



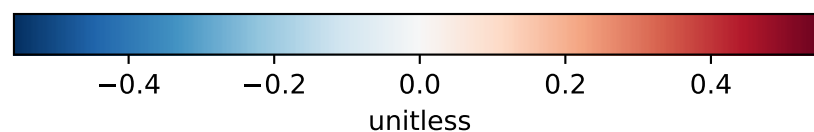
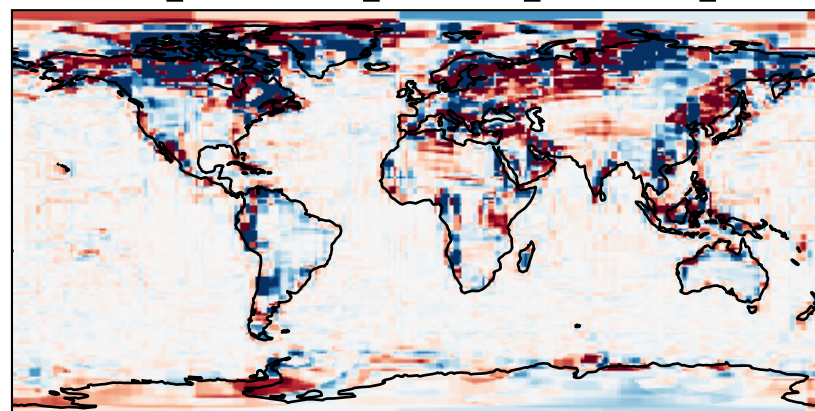
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$



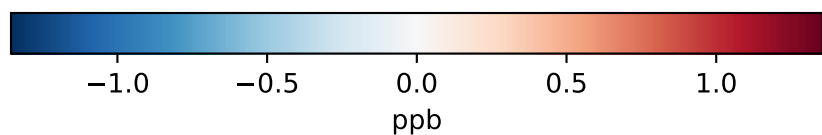
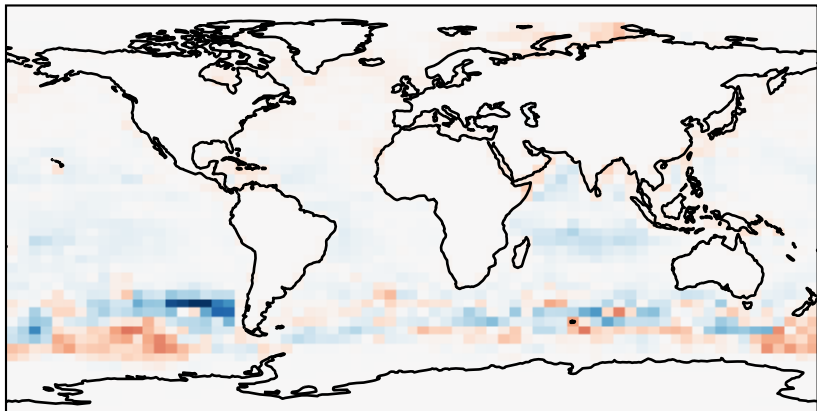
Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$



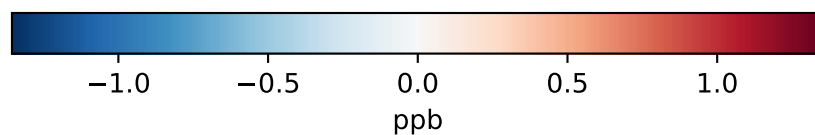
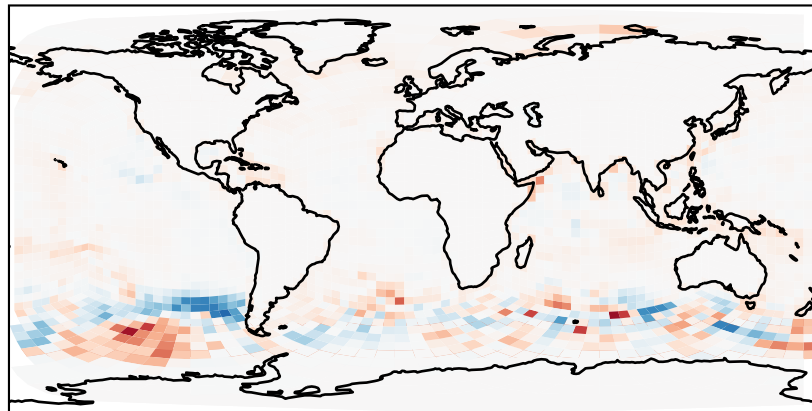


# SpeciesConcVV\_SALCAL

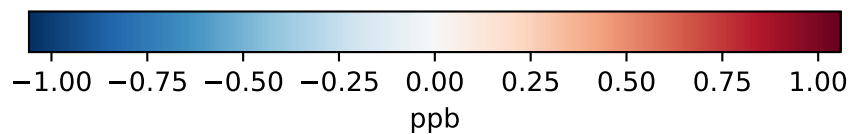
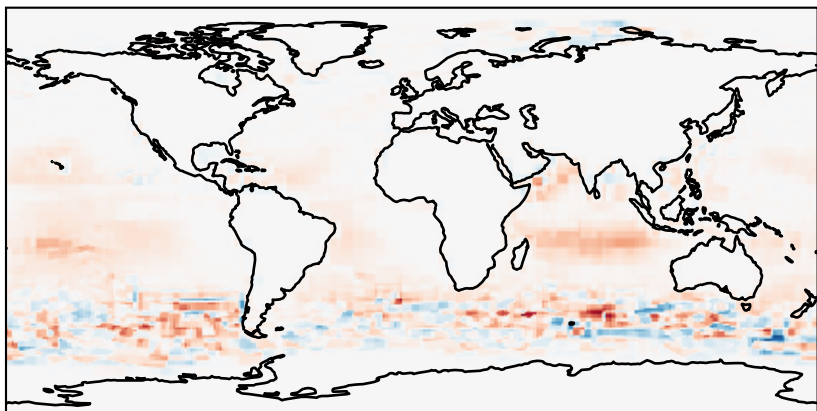
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



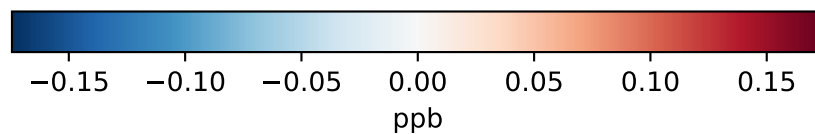
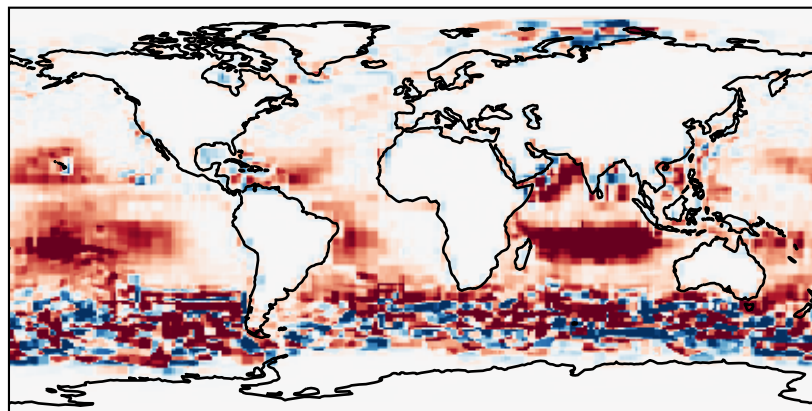
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



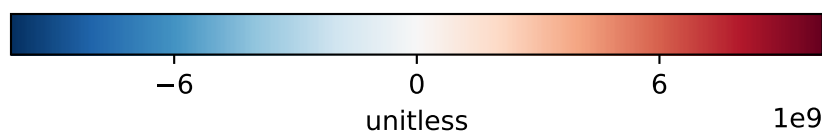
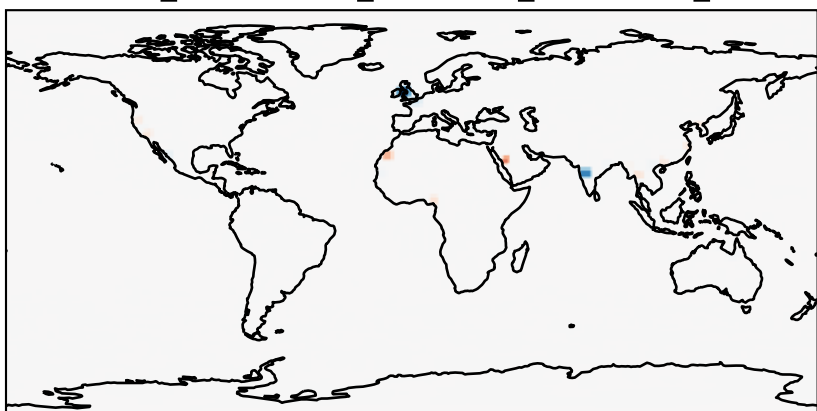
Difference (1x1.25)  
Dev - Ref, Dynamic Range



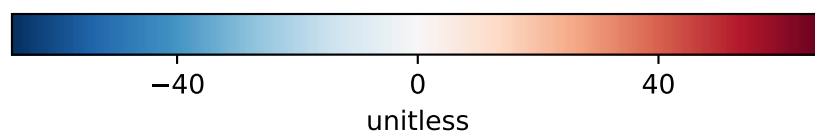
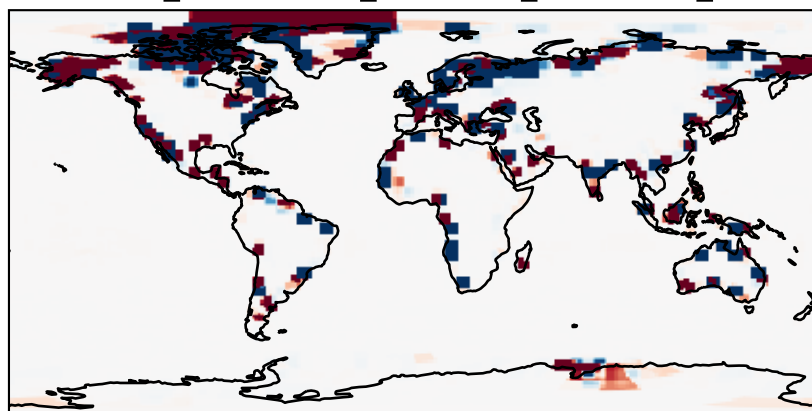
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

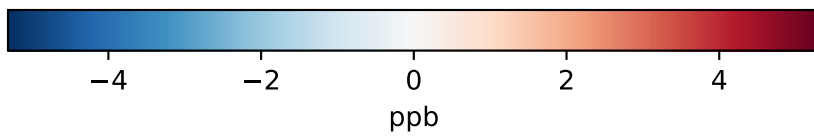
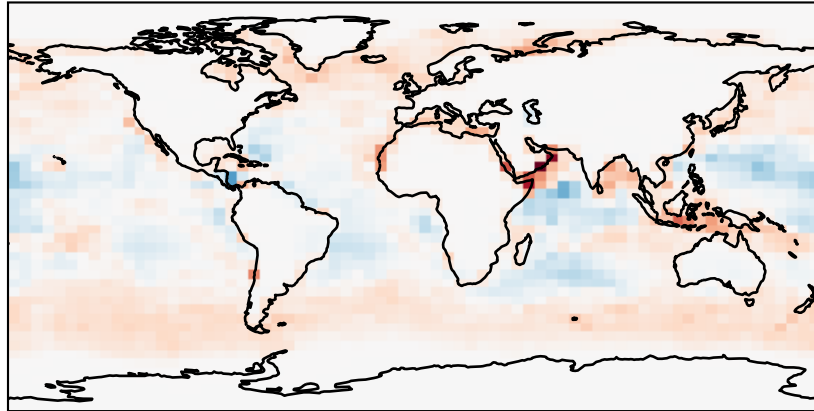


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

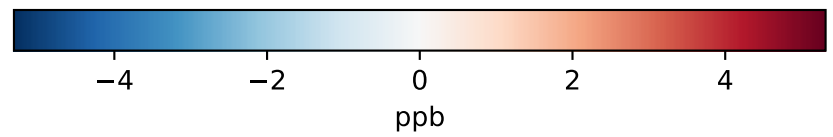
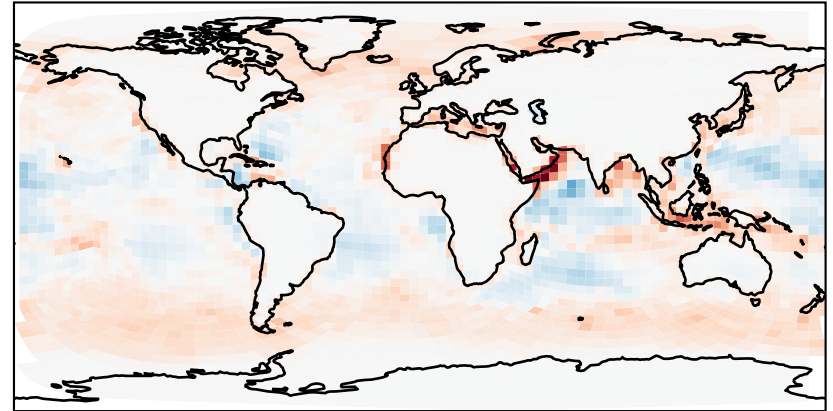


# SpeciesConcVV\_SALCCL

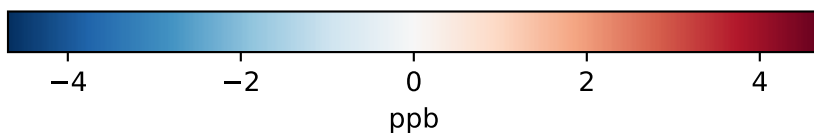
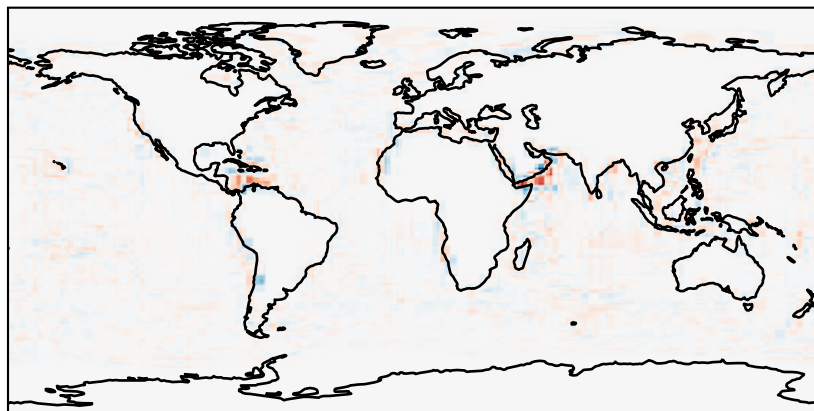
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



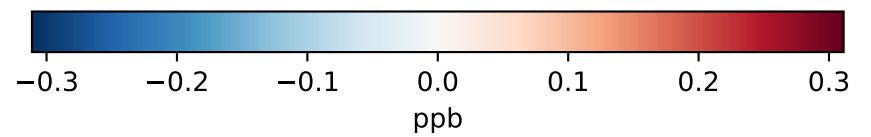
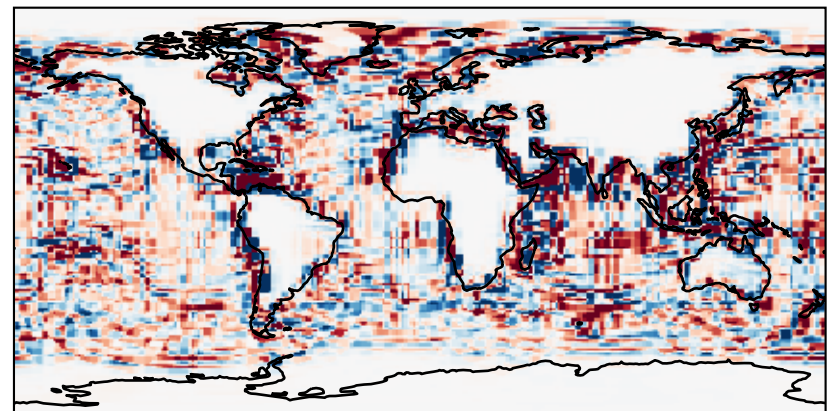
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



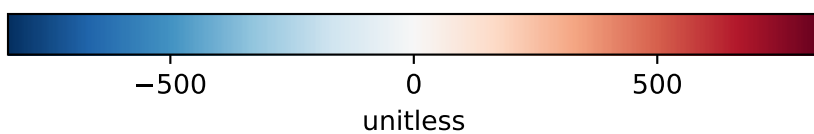
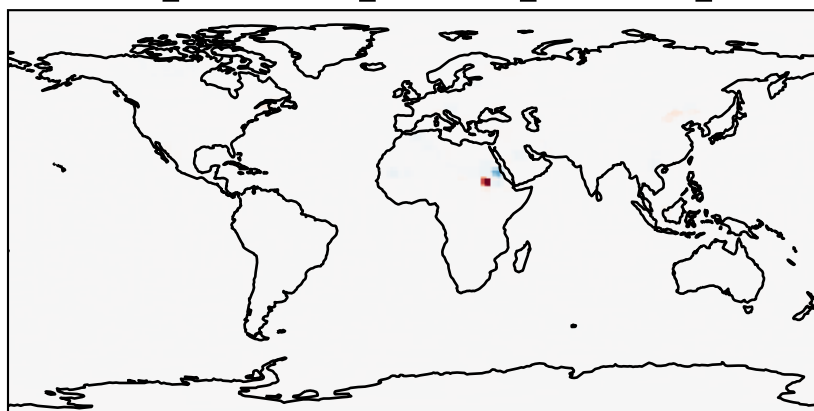
Difference (1x1.25)  
Dev - Ref, Dynamic Range



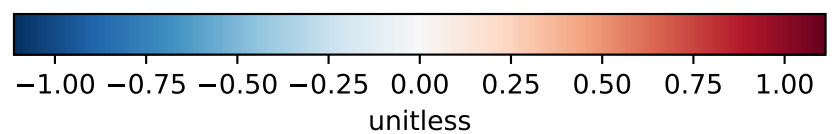
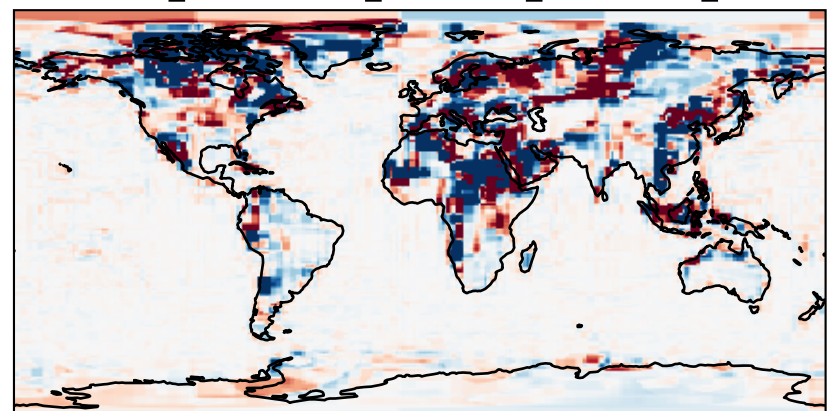
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

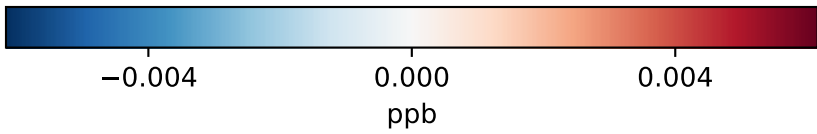
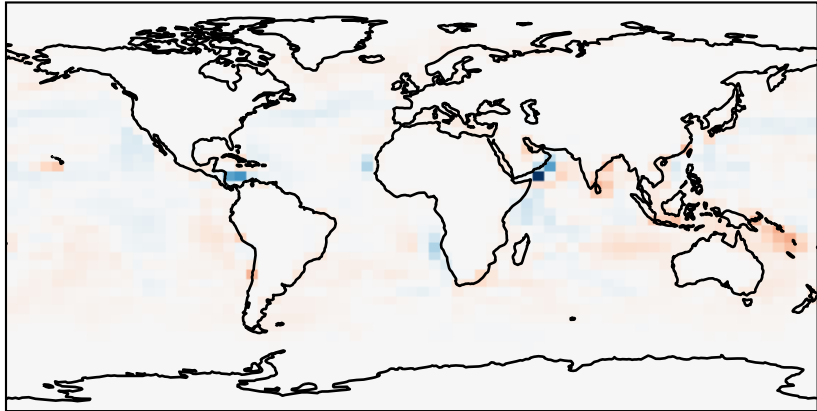


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

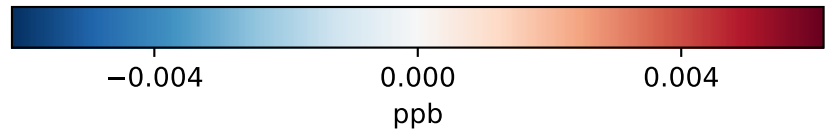
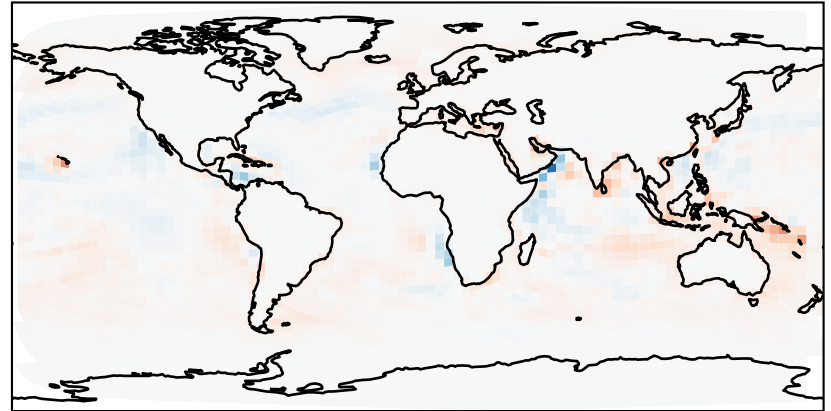


# SpeciesConcVV\_S04s

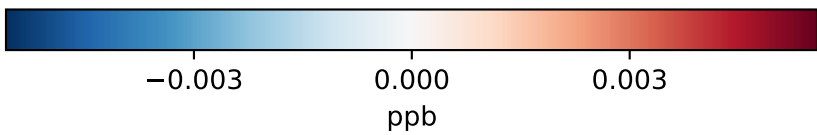
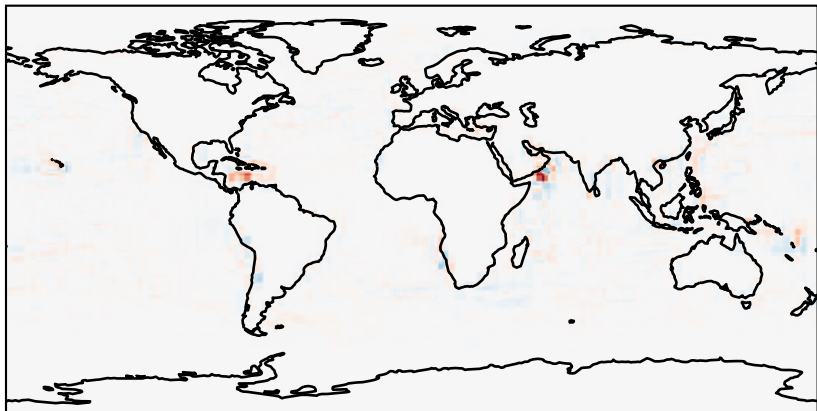
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



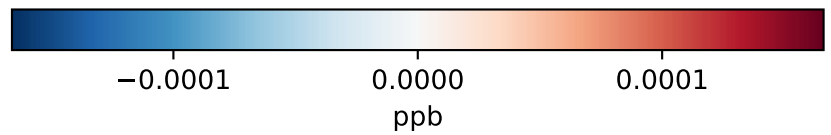
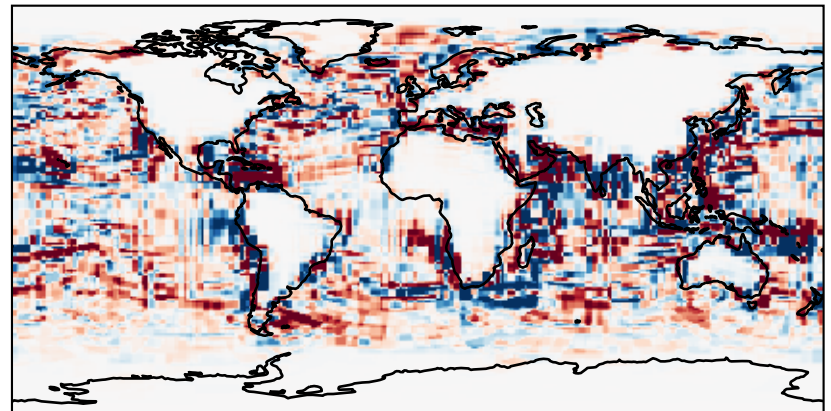
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



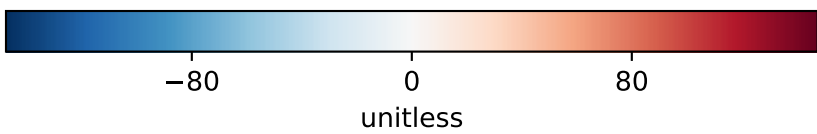
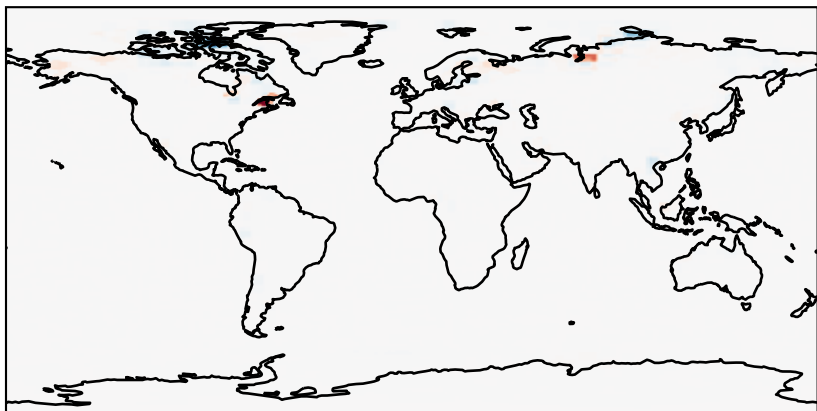
Difference (1x1.25)  
Dev - Ref, Dynamic Range



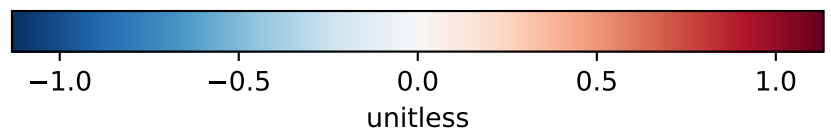
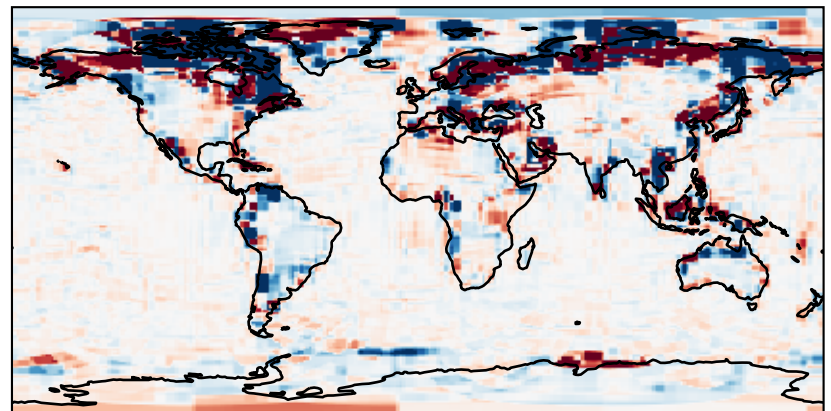
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



Difference (1x1.25), Dynamic Range  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

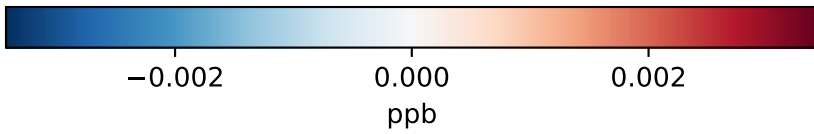
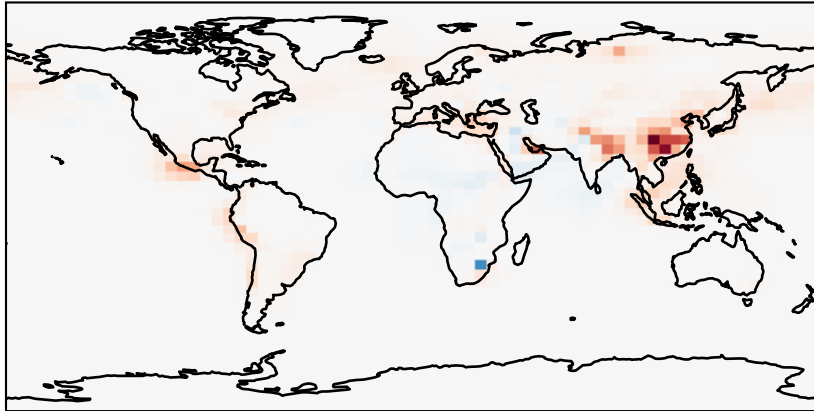


Difference (1x1.25), Restricted Range [5%,95%]  
 $GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref$

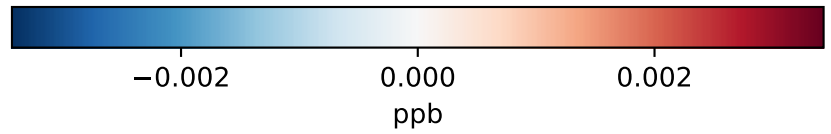
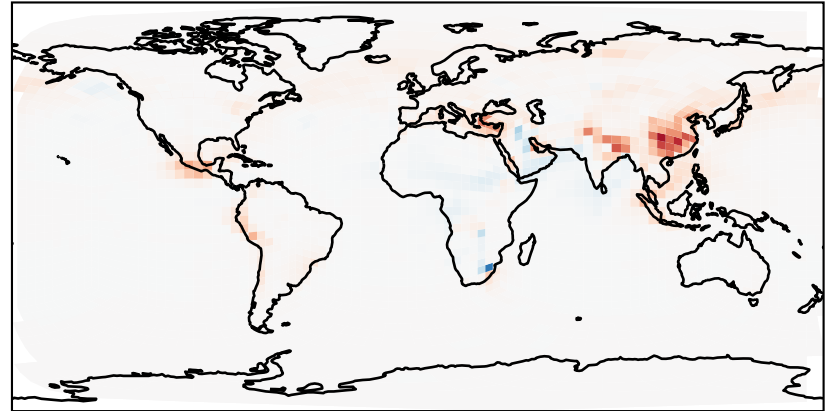


# SpeciesConcVW\_pFe

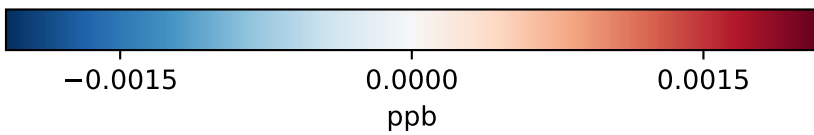
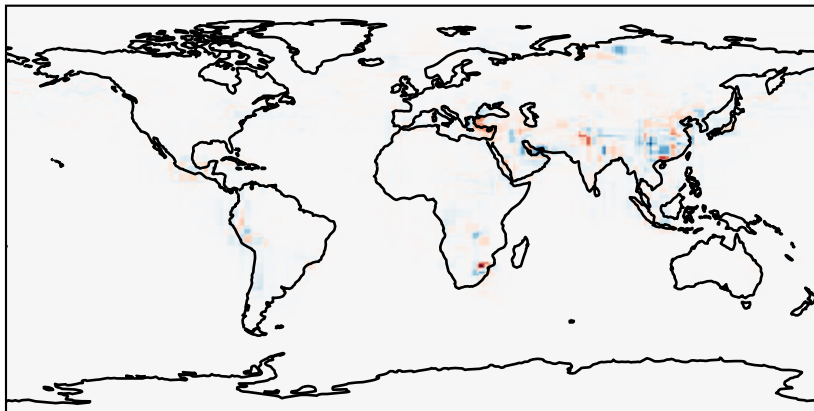
GCC\_14.2.0\_GEOS-FP - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



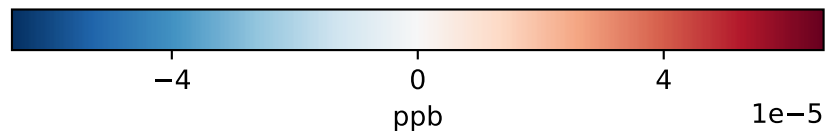
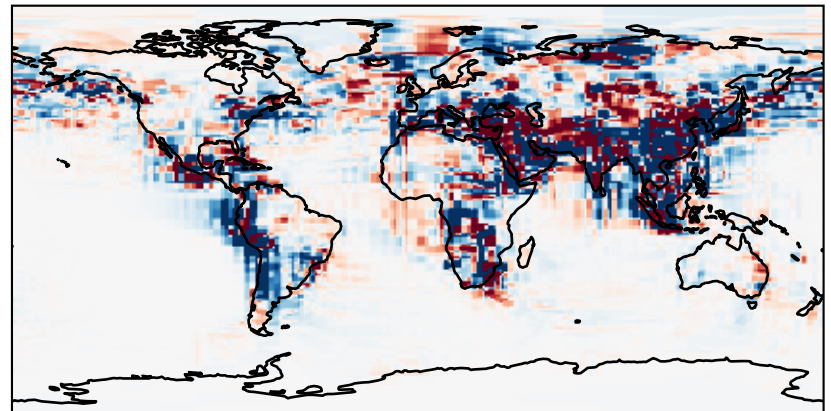
GCHP\_14.2.0\_GEOS-FP - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



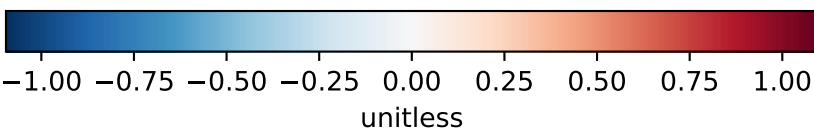
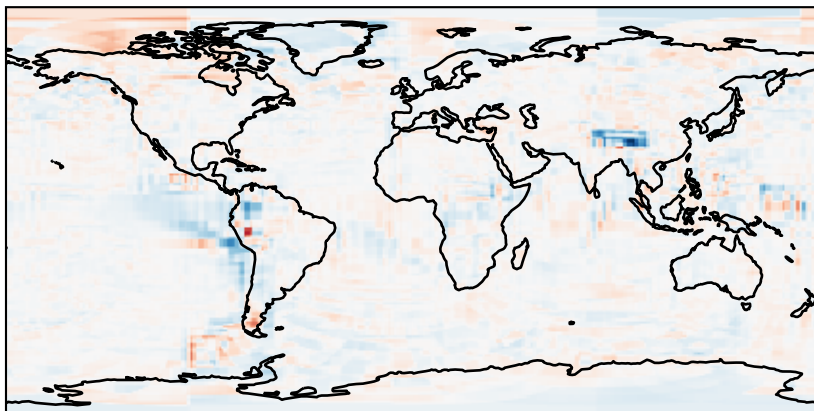
Difference (1x1.25)  
Dev - Ref, Dynamic Range



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



Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

