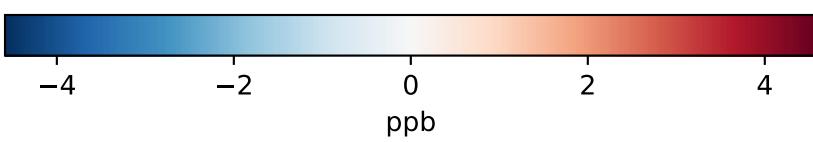
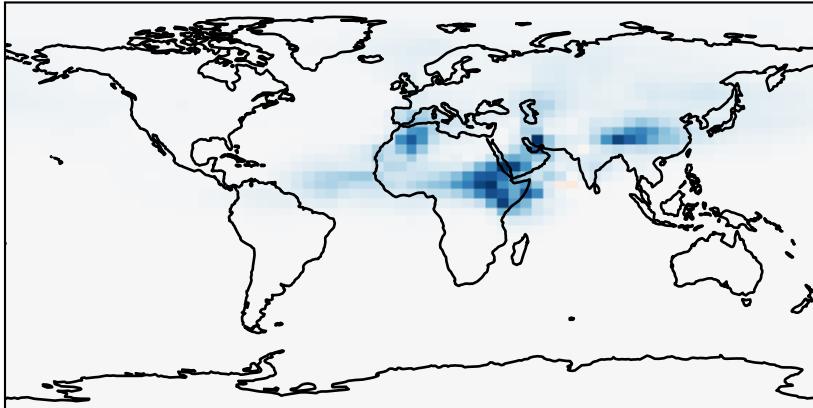
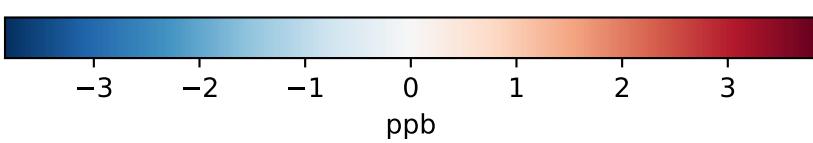
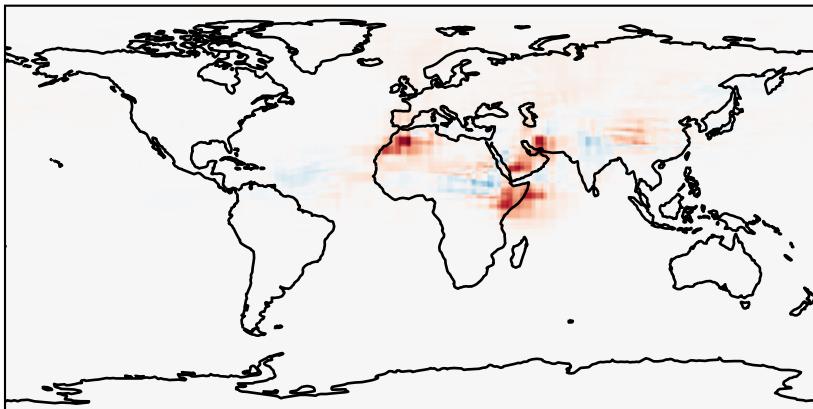


# SpeciesConcVV\_DST1

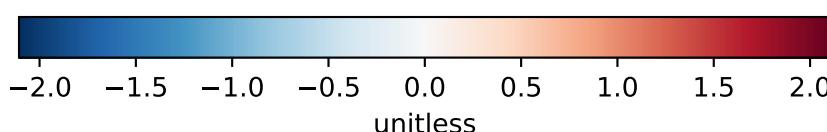
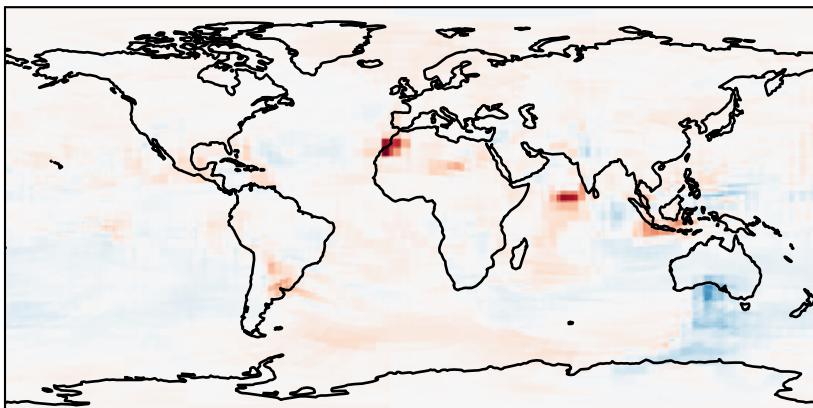
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



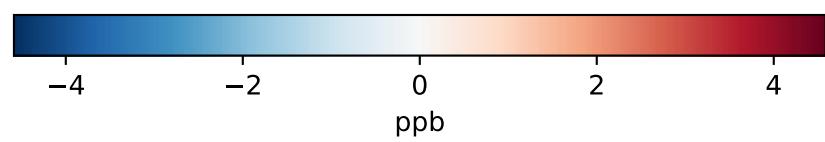
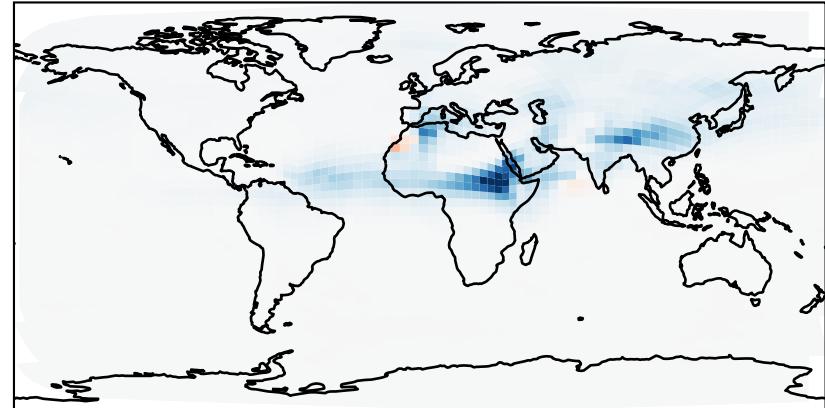
Difference (1x1.25)  
Dev - Ref, Dynamic Range



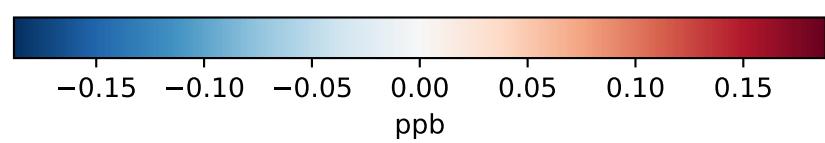
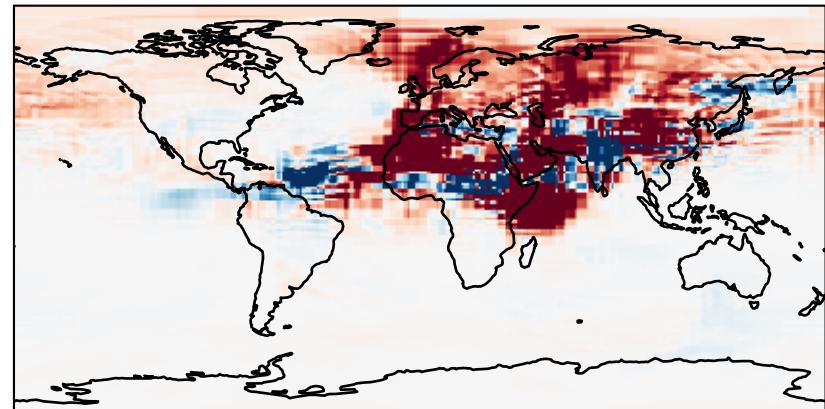
Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



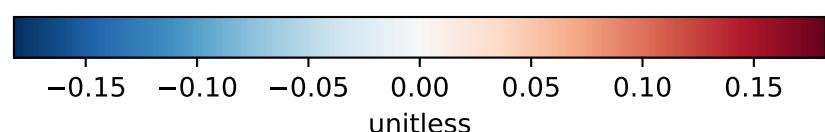
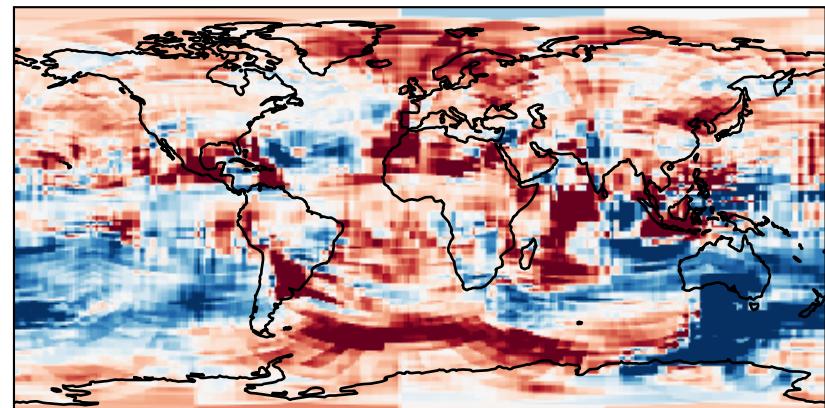
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



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

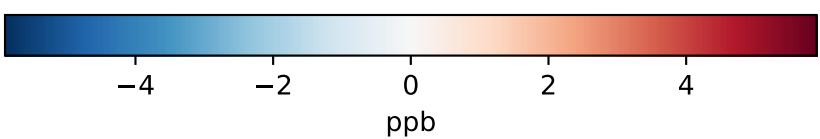
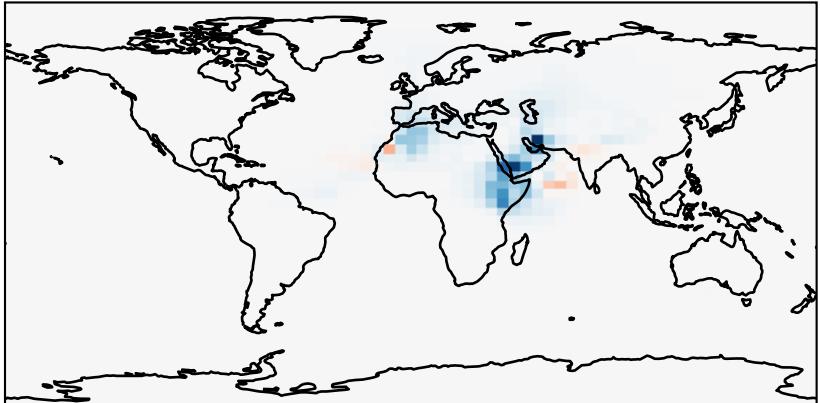


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

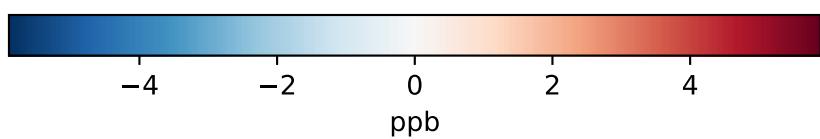
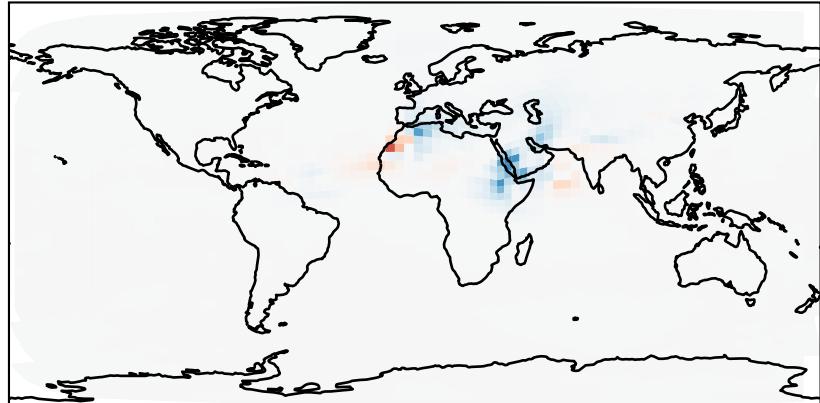


# SpeciesConcVV\_DST2

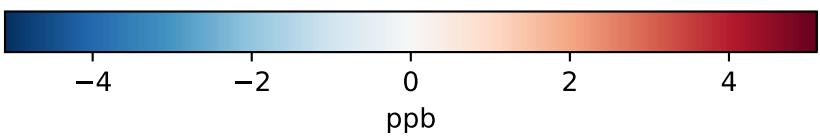
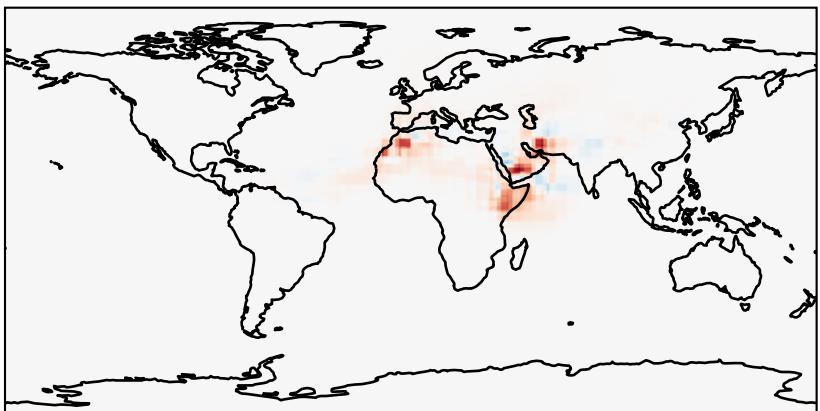
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



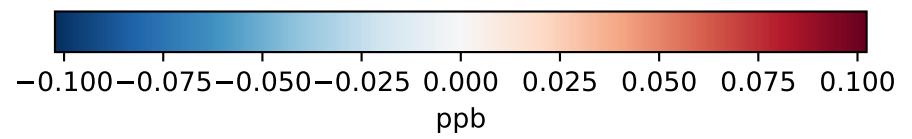
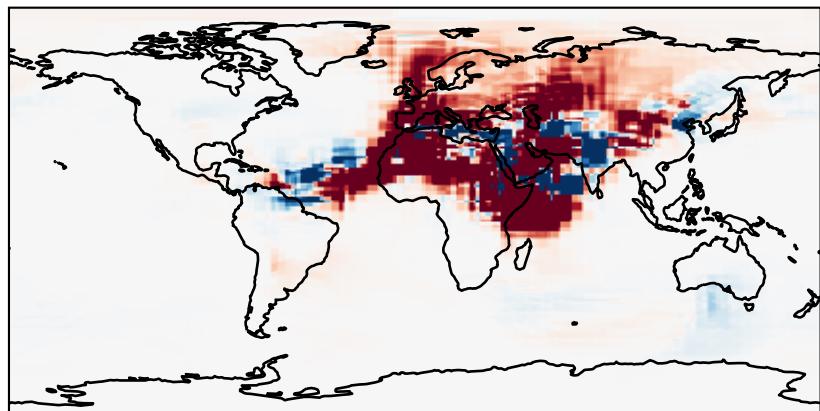
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



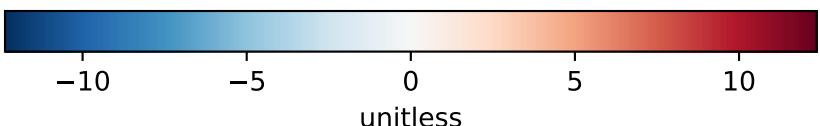
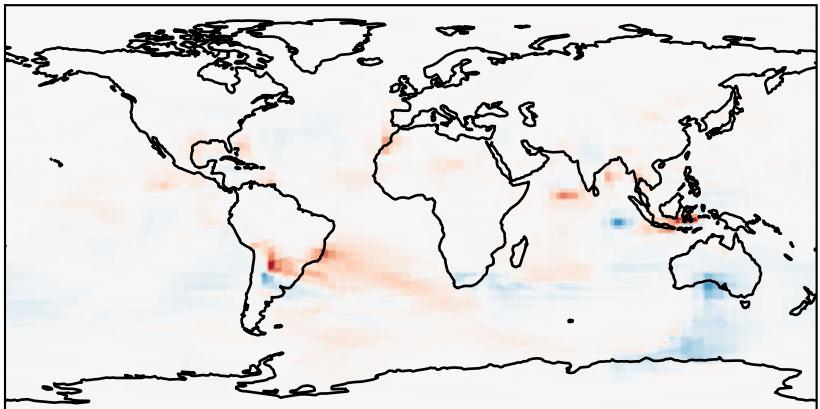
Difference (1x1.25)  
Dev - Ref, Dynamic Range



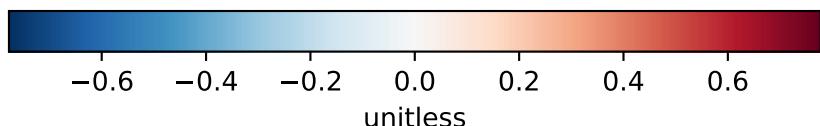
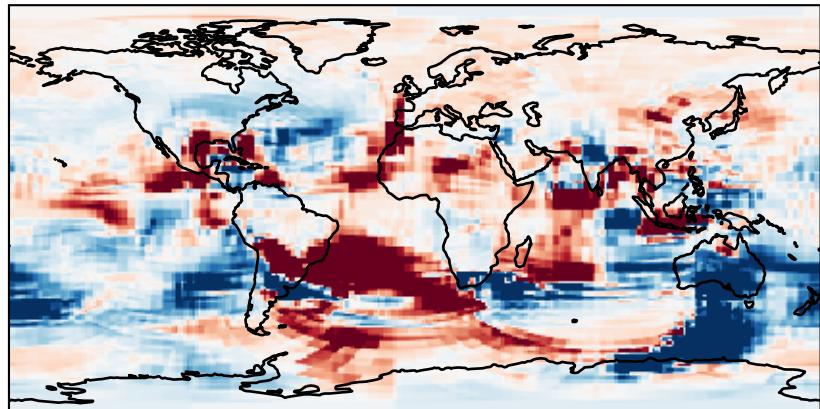
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

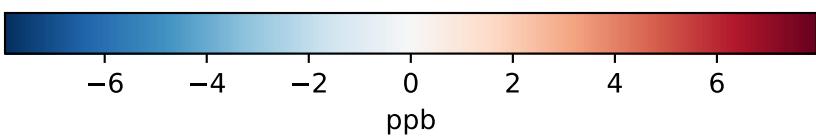
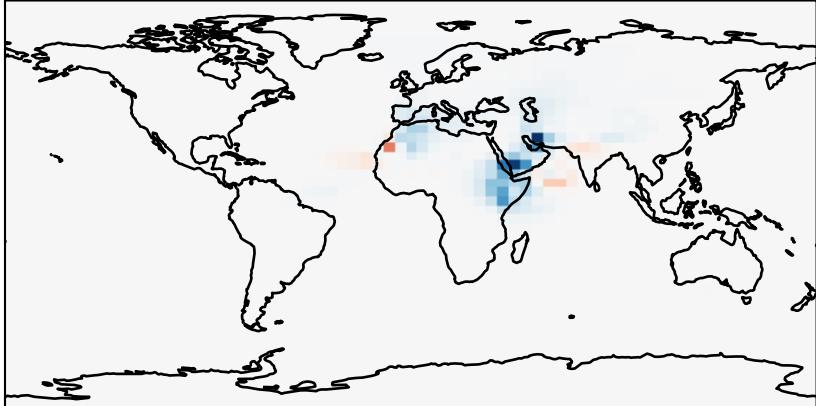


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

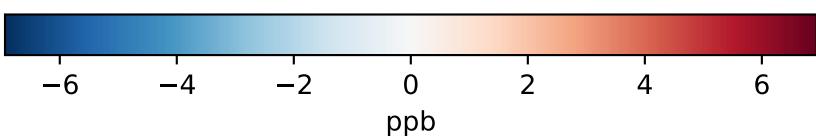
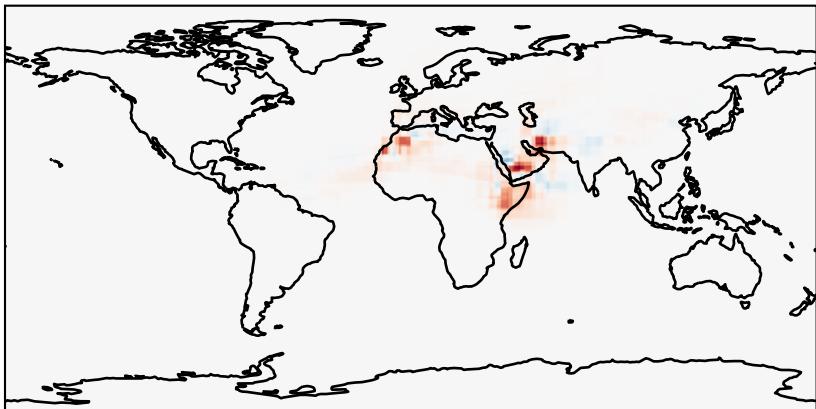


# SpeciesConcVV\_DST3

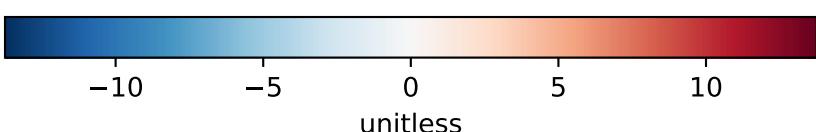
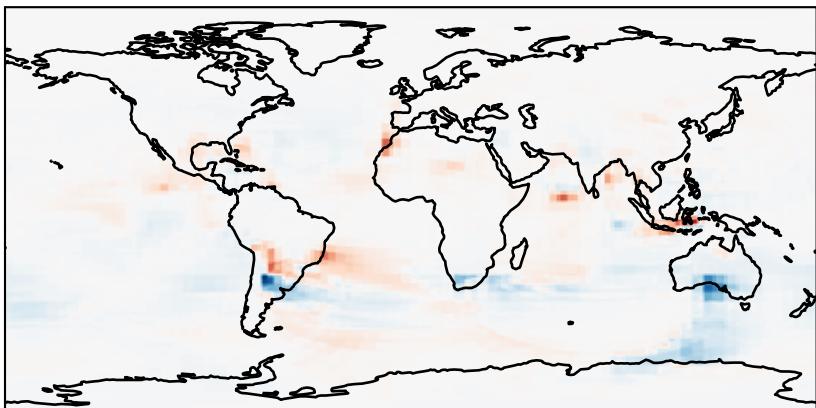
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



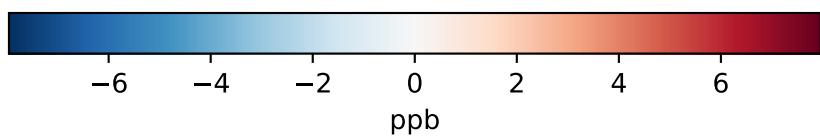
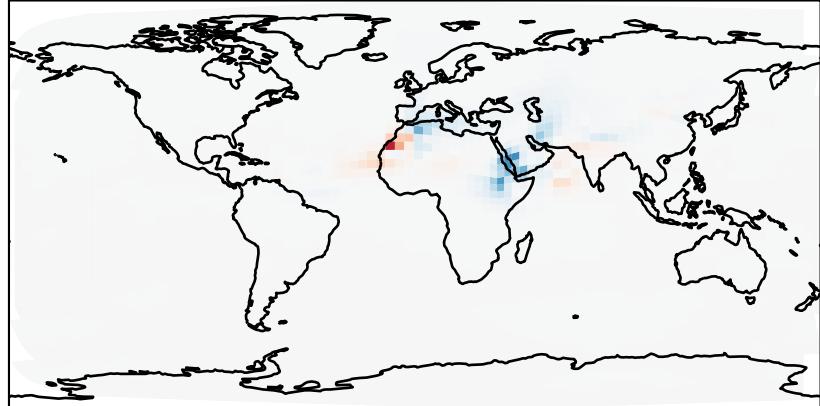
Difference (1x1.25)  
Dev - Ref, Dynamic Range



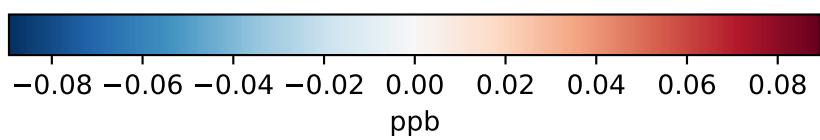
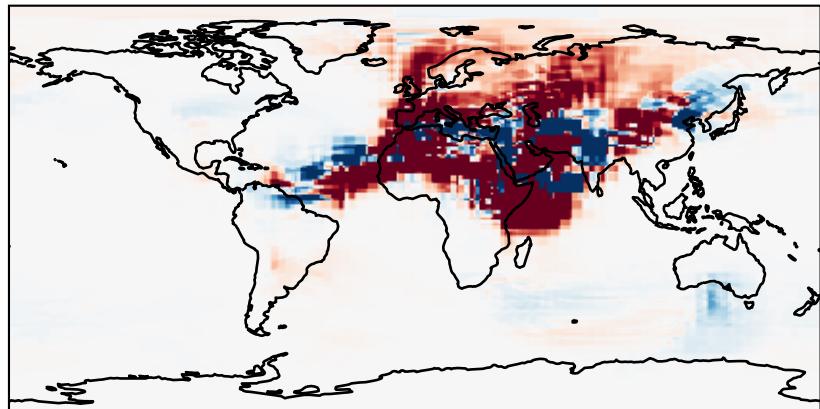
Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



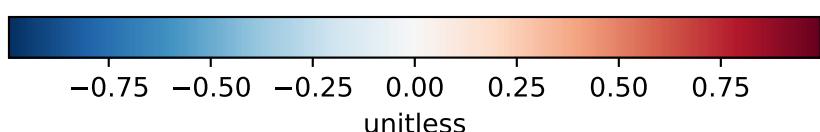
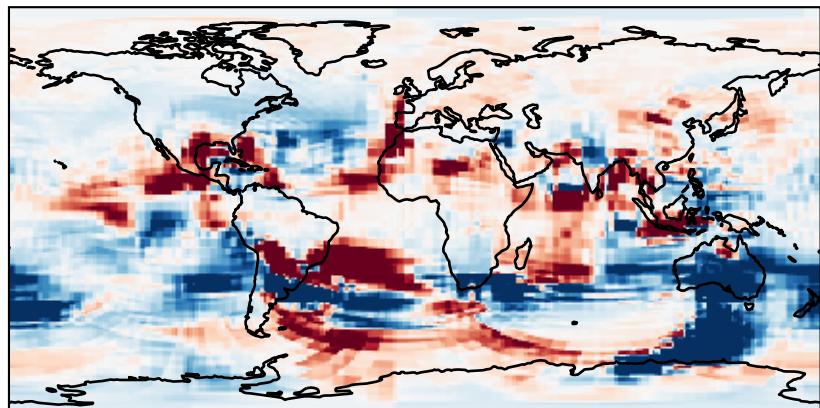
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



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

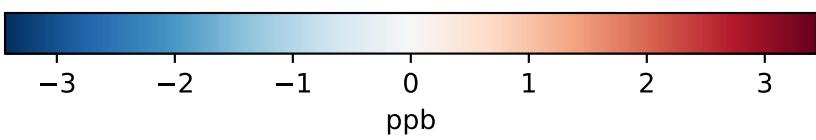
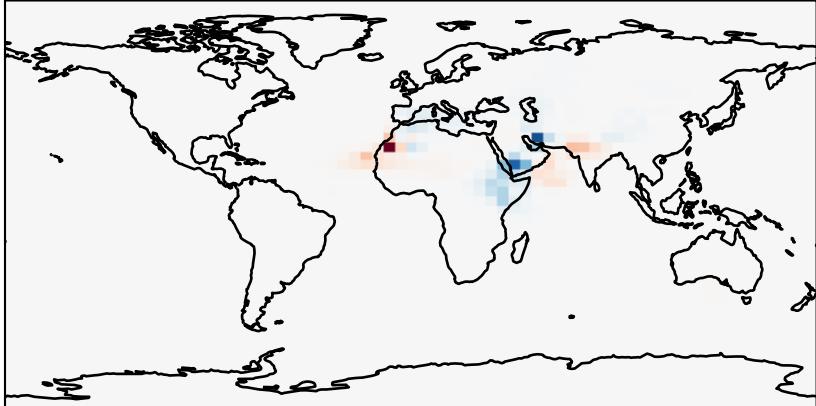


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

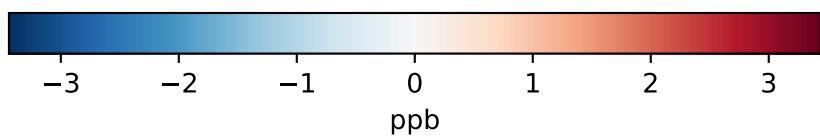
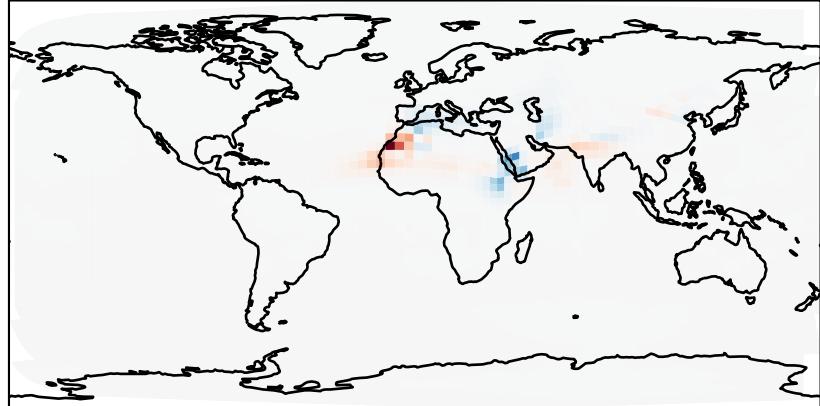


# SpeciesConcVV\_DST4

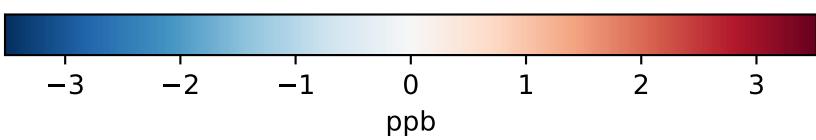
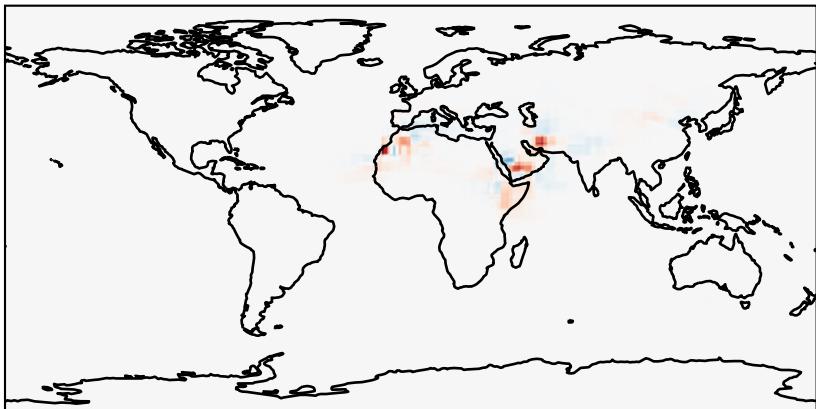
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



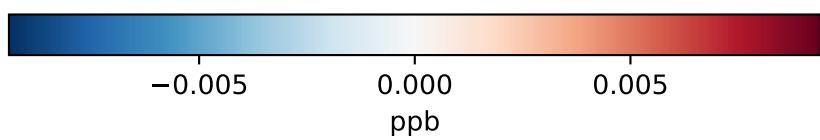
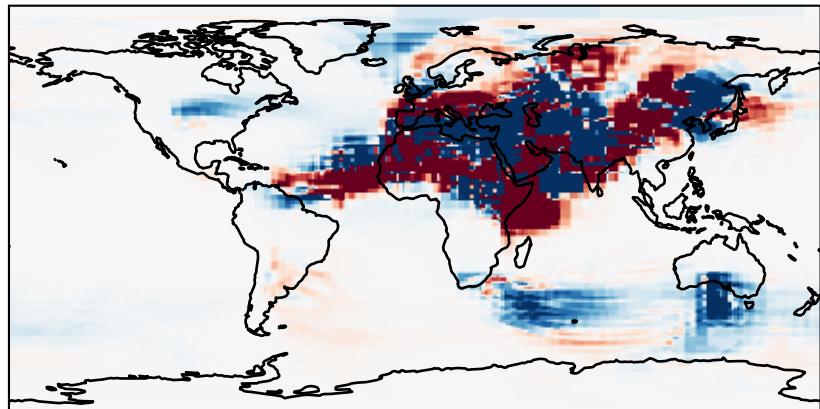
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



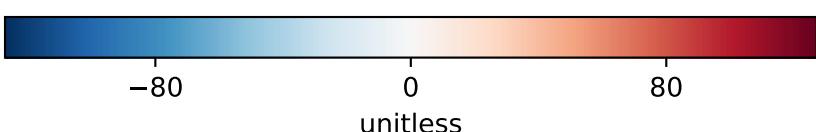
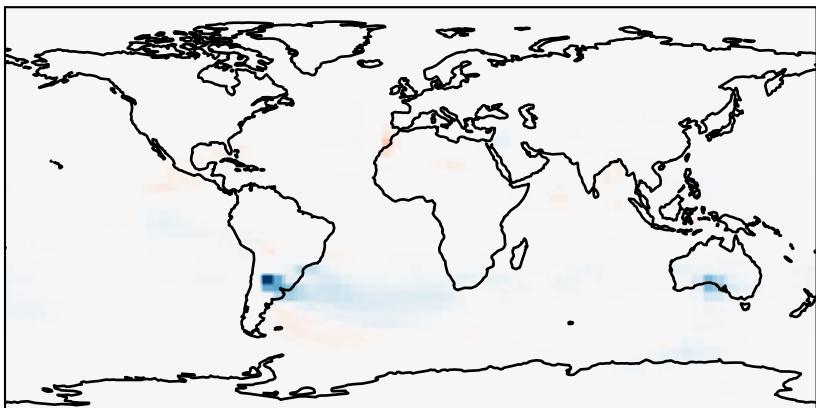
Difference (1x1.25)  
Dev - Ref, Dynamic Range



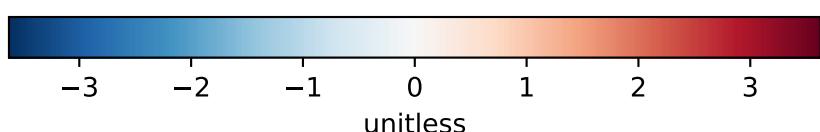
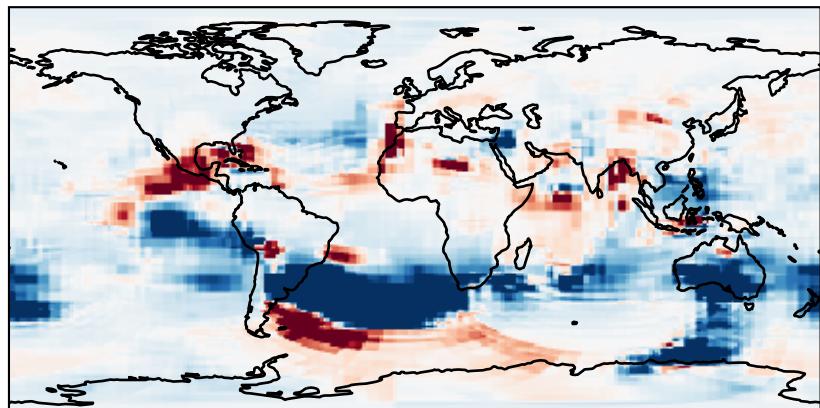
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

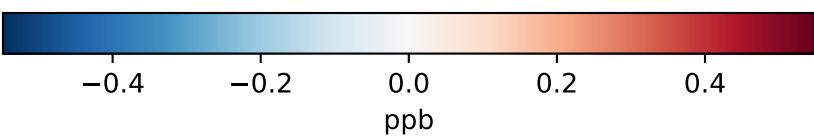
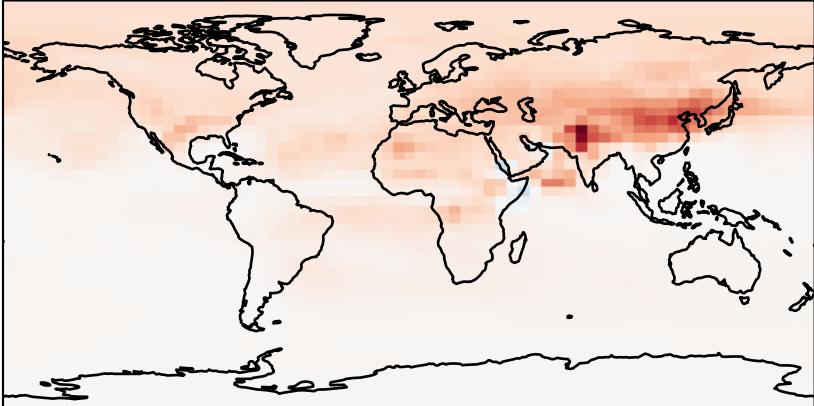


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

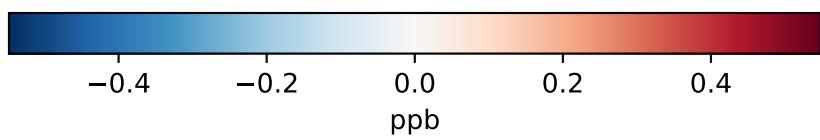
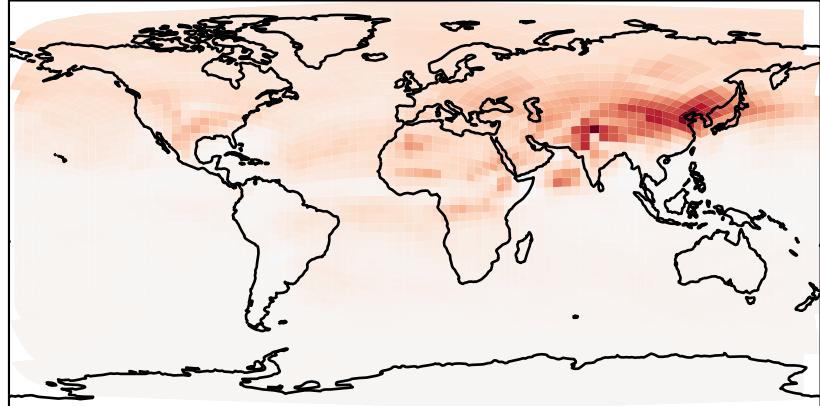


# SpeciesConcVV\_NH4

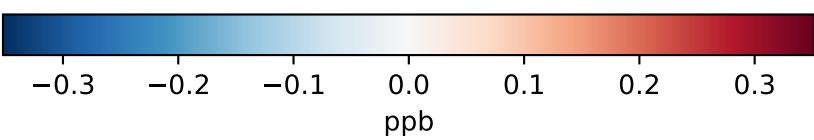
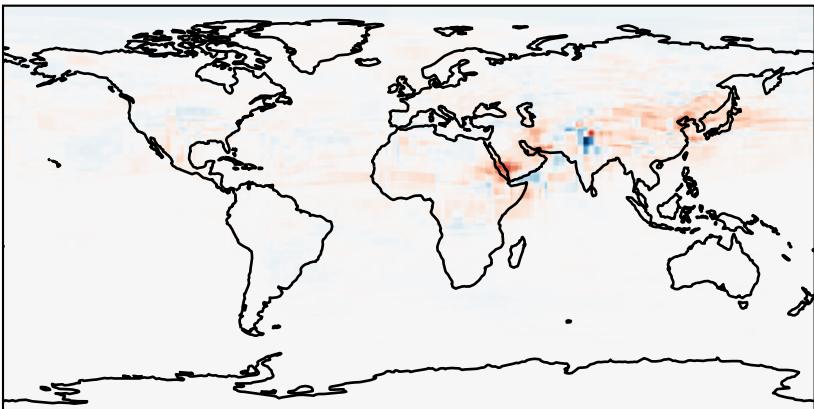
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



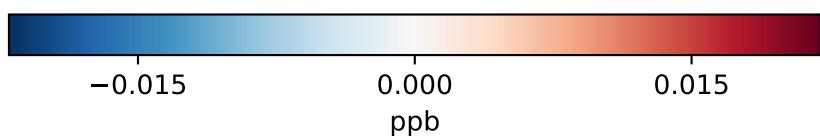
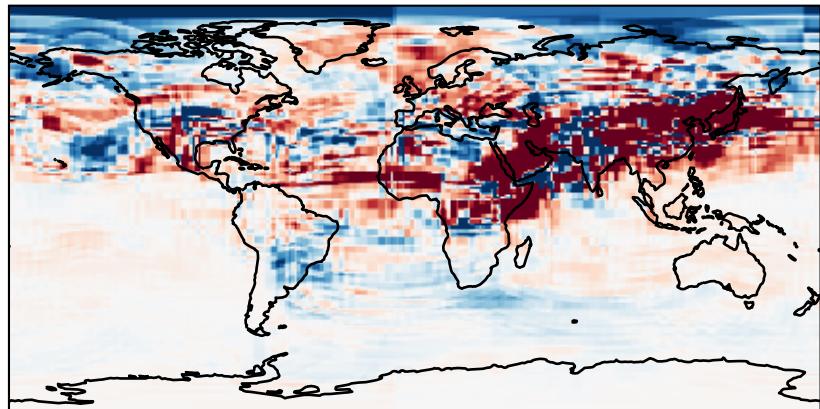
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



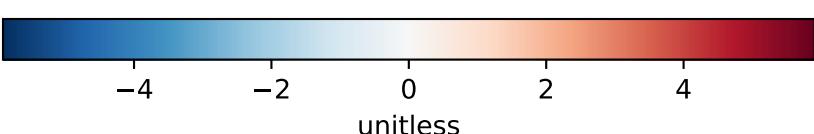
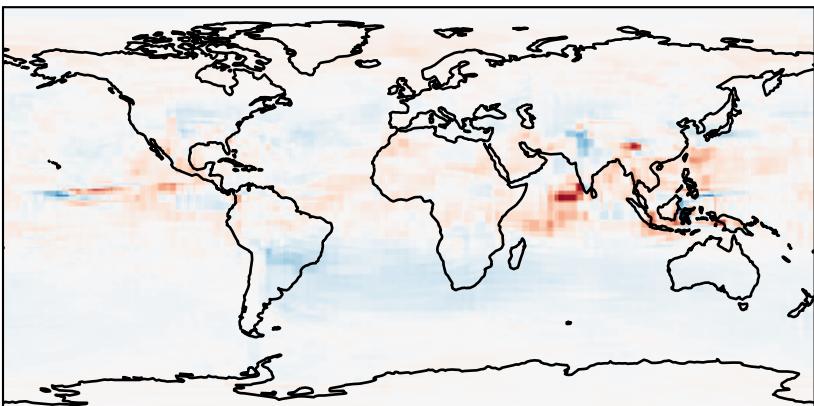
Difference (1x1.25)  
Dev - Ref, Dynamic Range



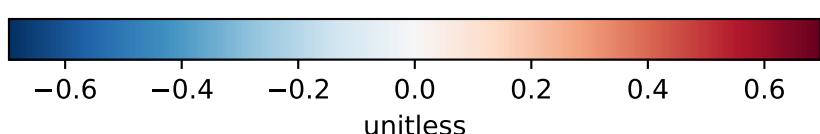
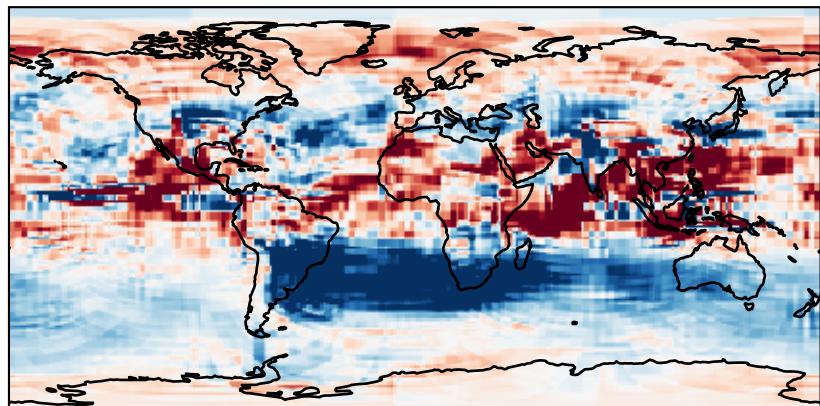
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

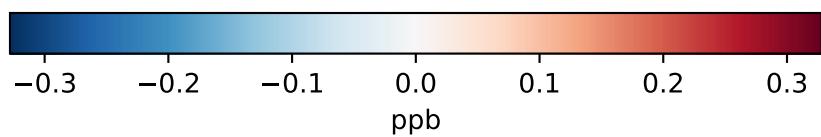
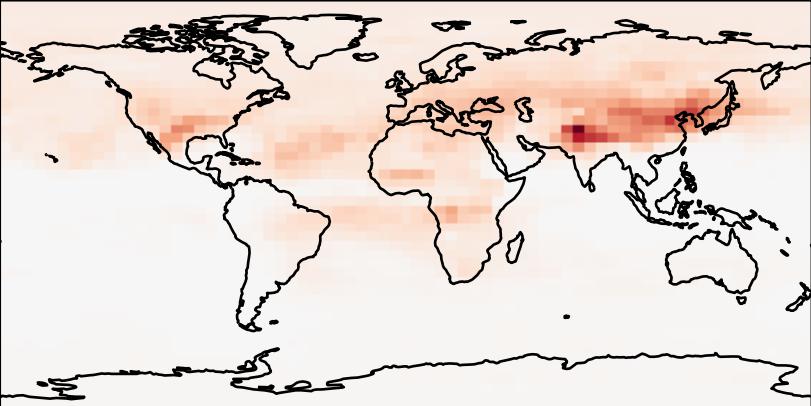


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

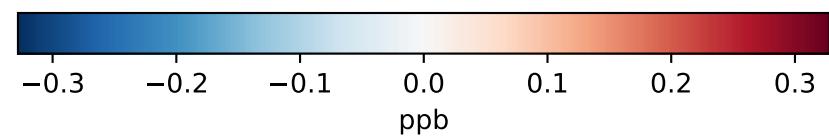
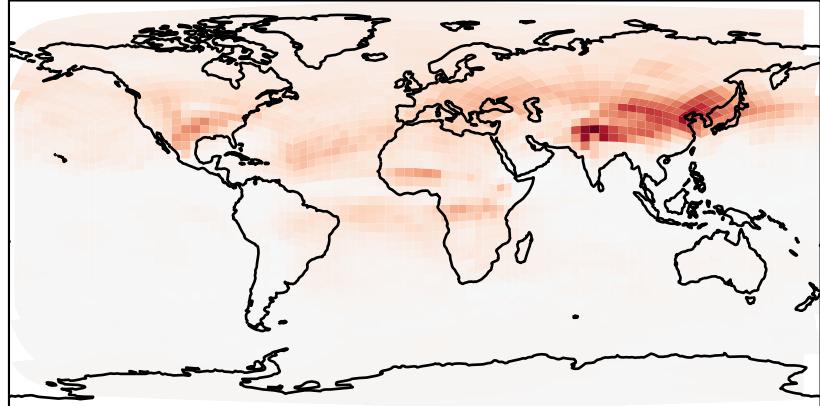


# SpeciesConcVV\_NIT

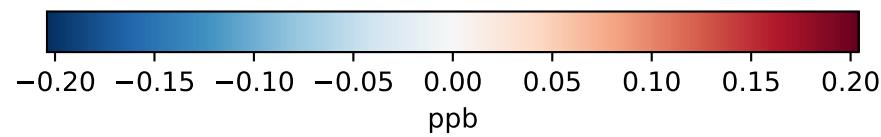
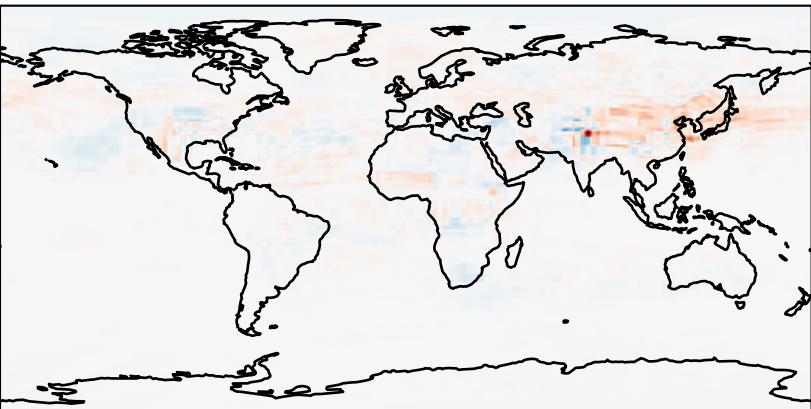
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



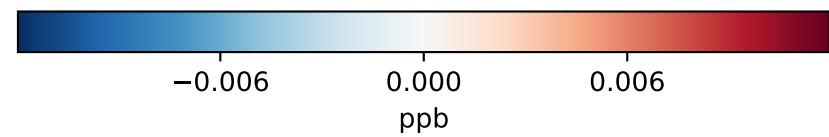
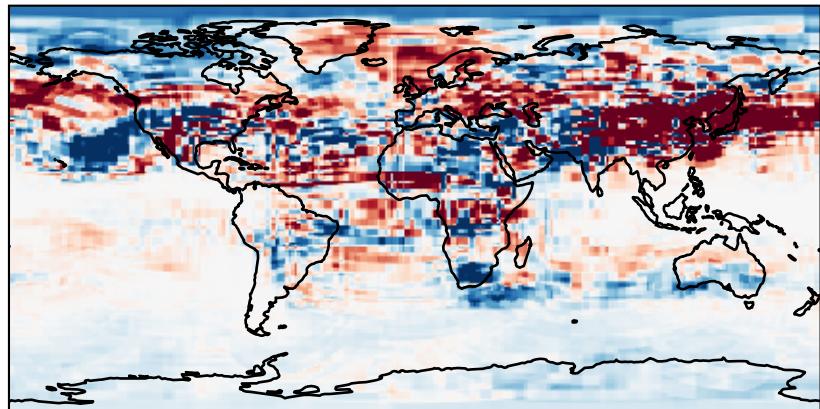
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



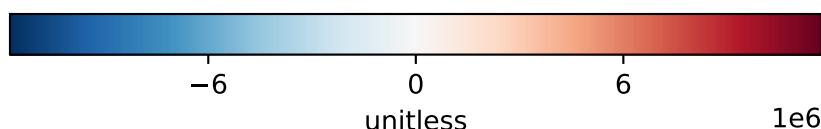
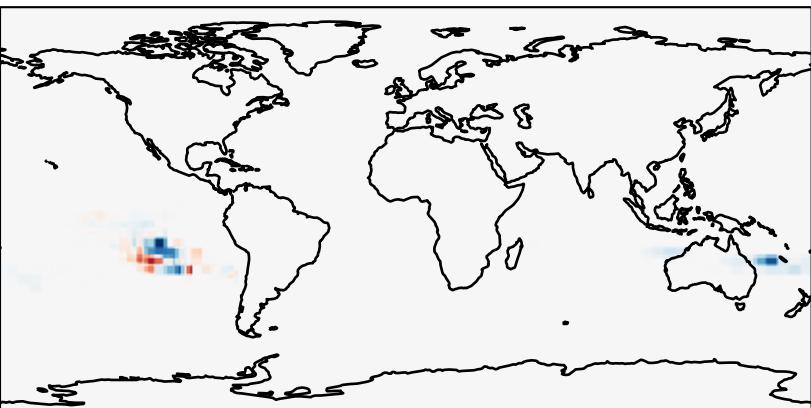
Difference (1x1.25)  
Dev - Ref, Dynamic Range



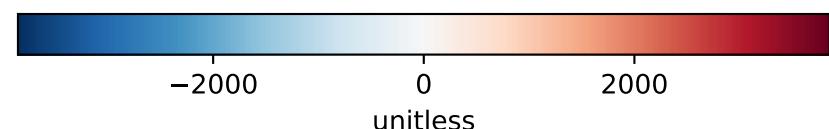
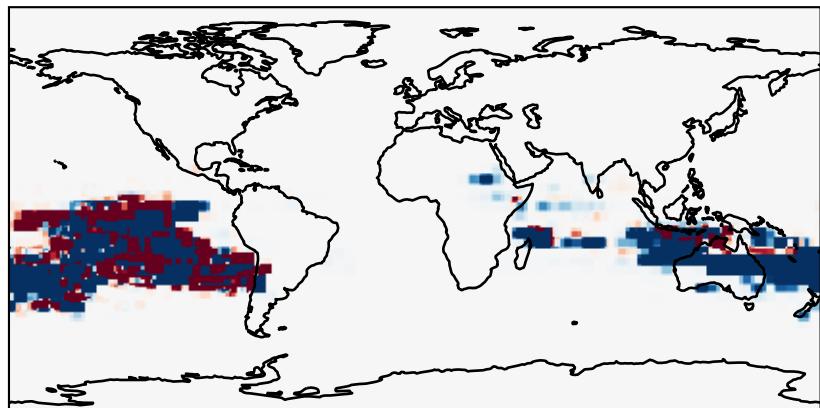
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

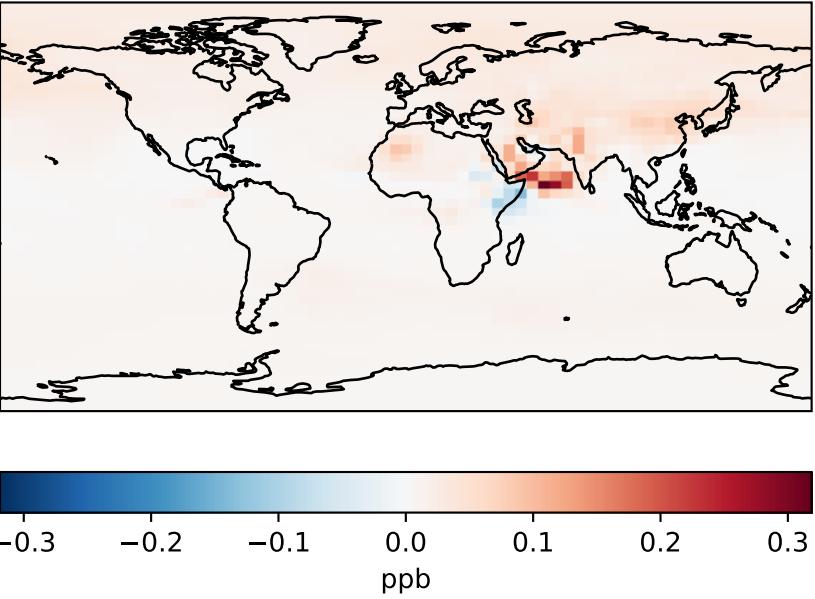


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

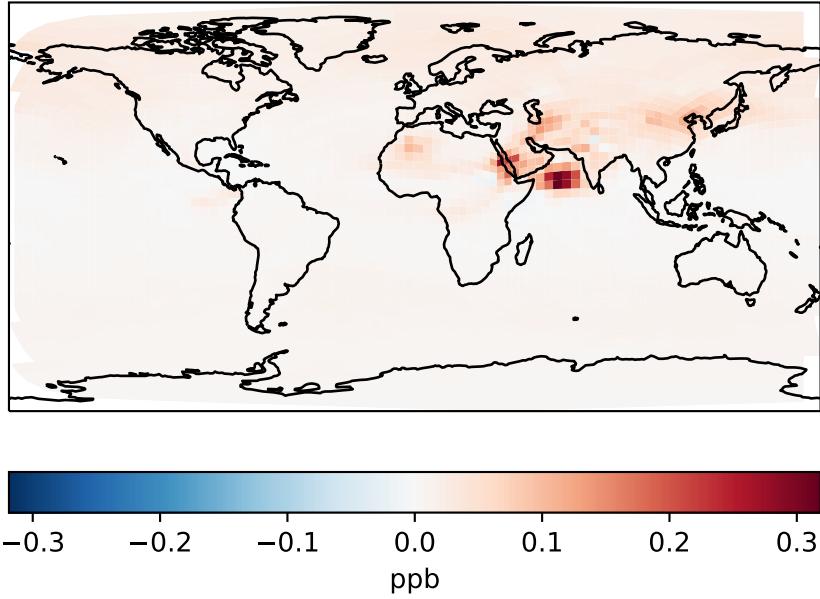


# SpeciesConcVV\_SO4

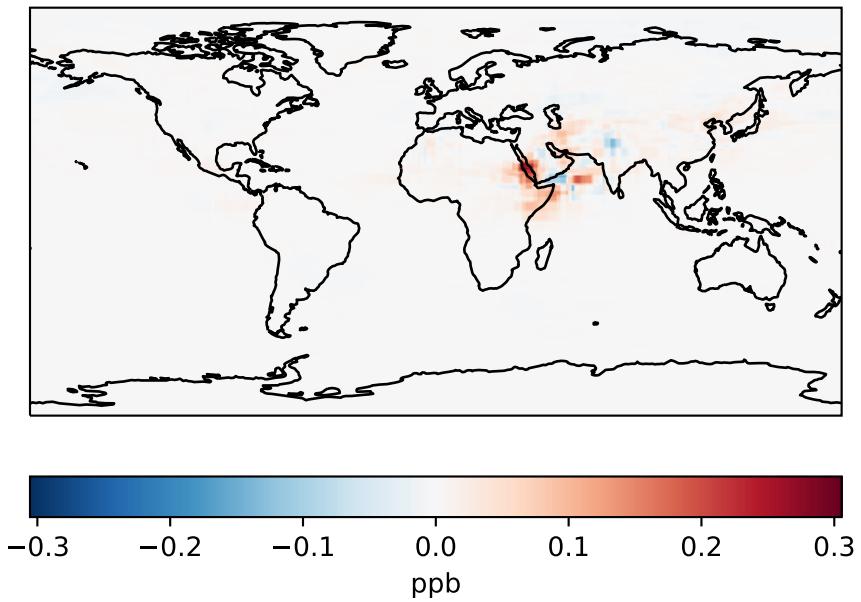
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



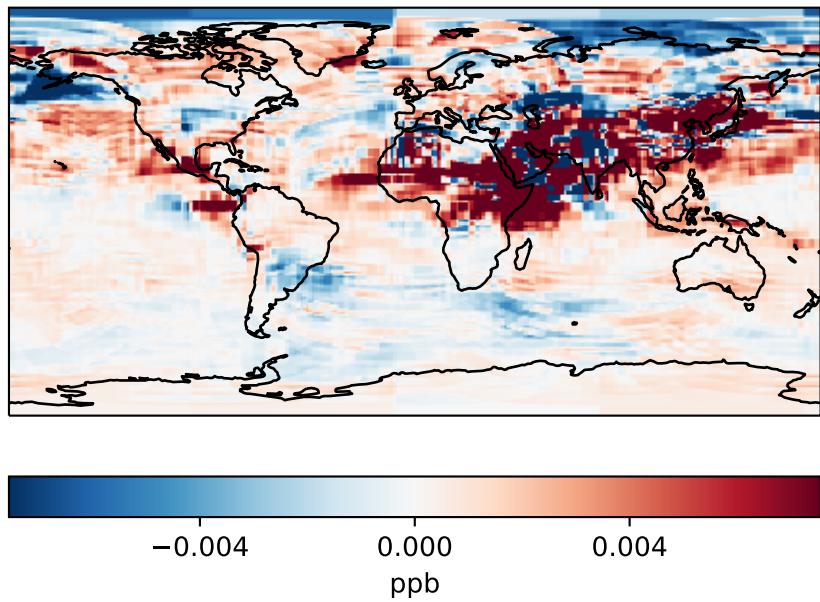
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



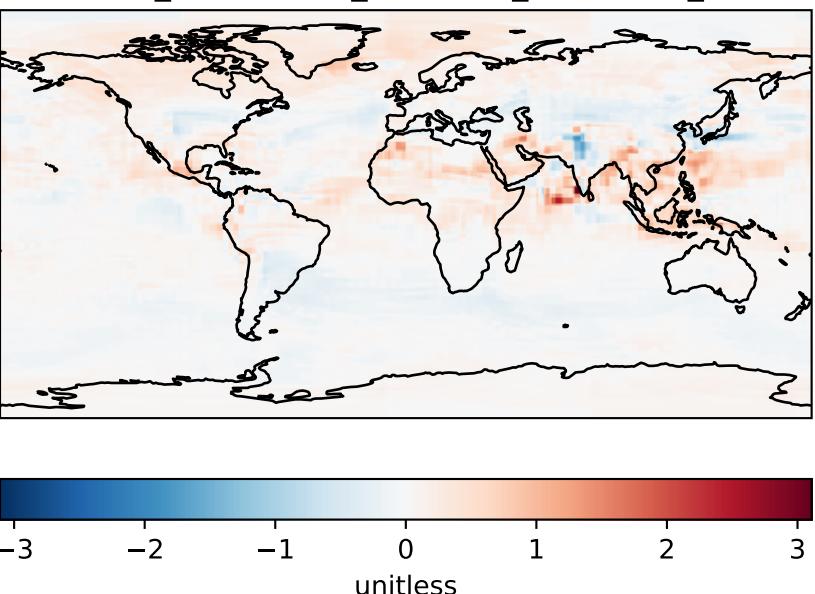
Difference (1x1.25)  
Dev - Ref, Dynamic Range



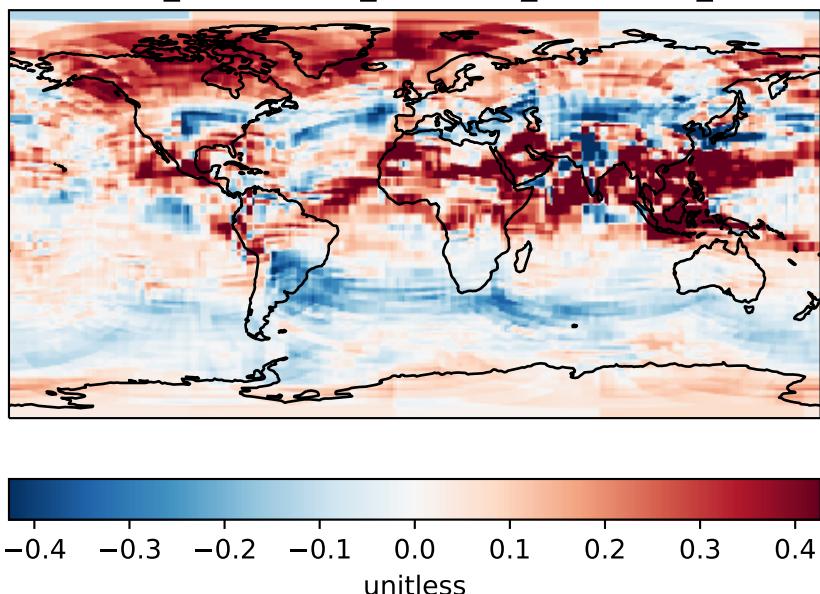
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

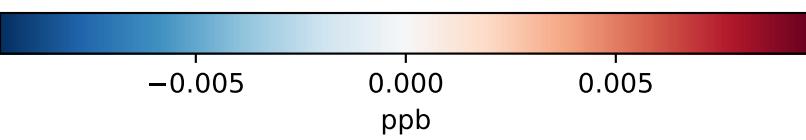
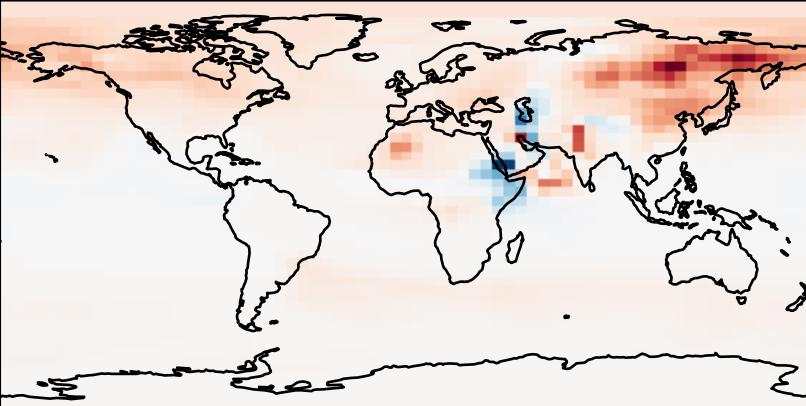


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

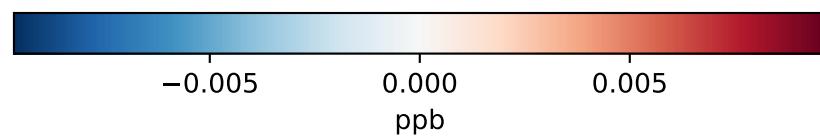
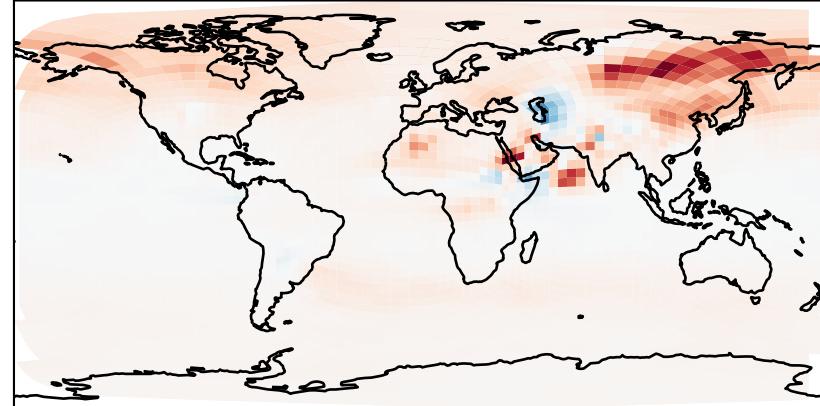


# SpeciesConcVV\_HMS

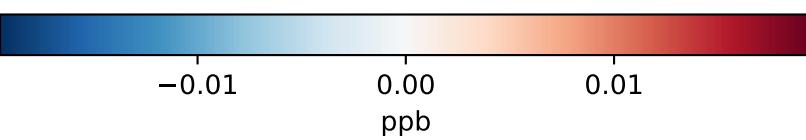
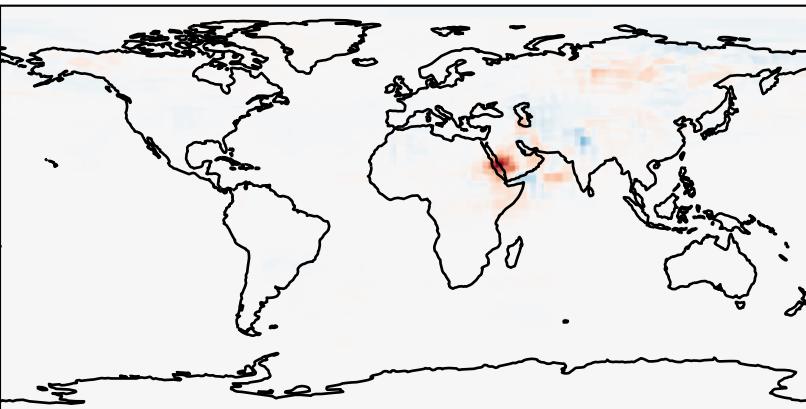
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



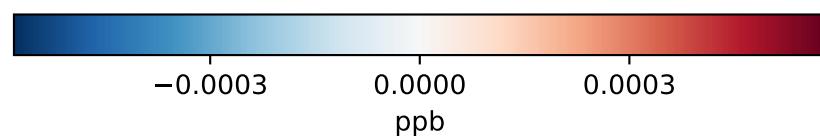
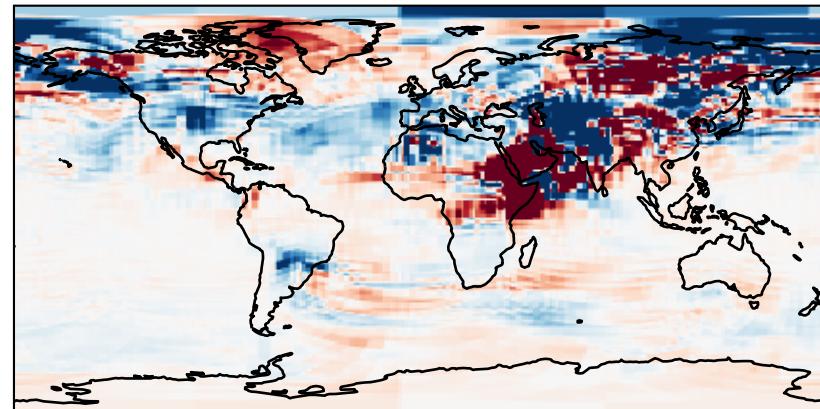
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



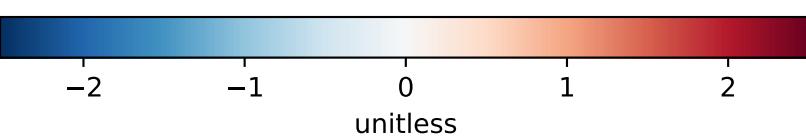
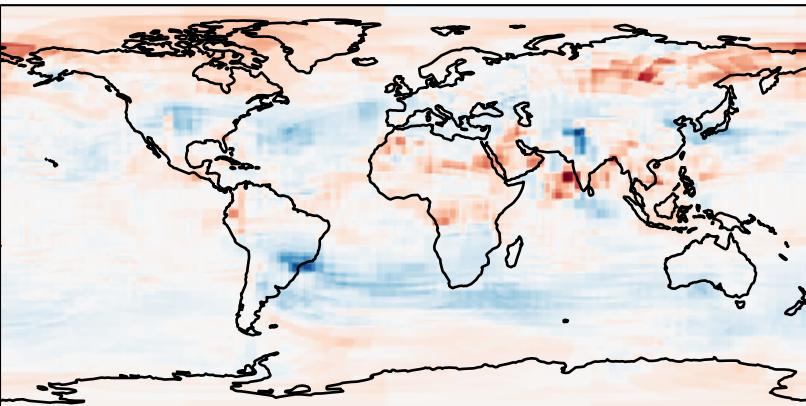
Difference (1x1.25)  
Dev - Ref, Dynamic Range



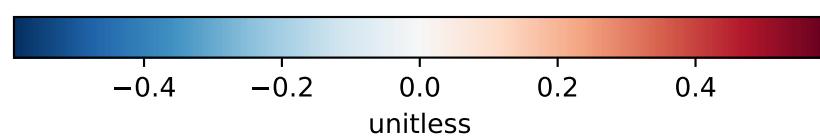
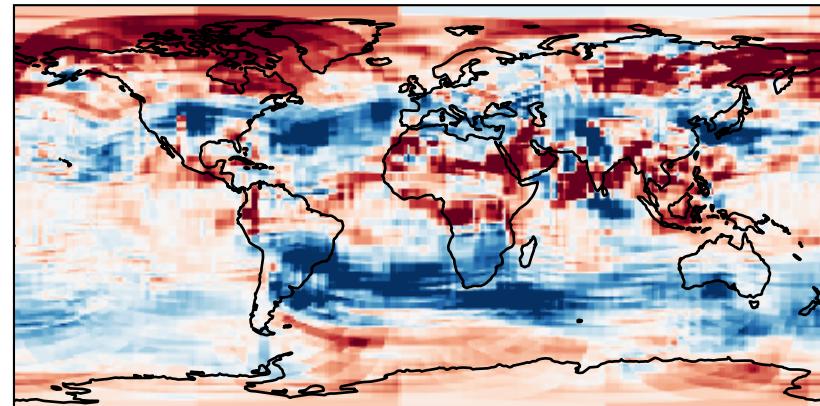
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

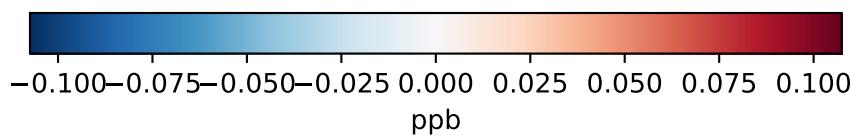
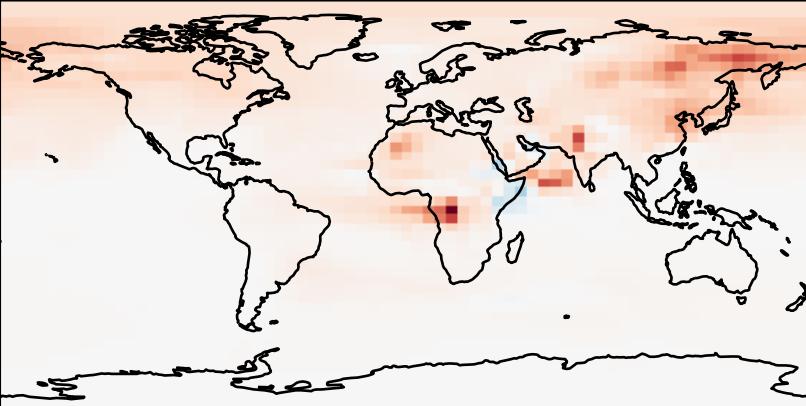


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

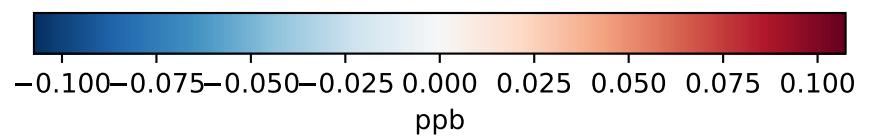
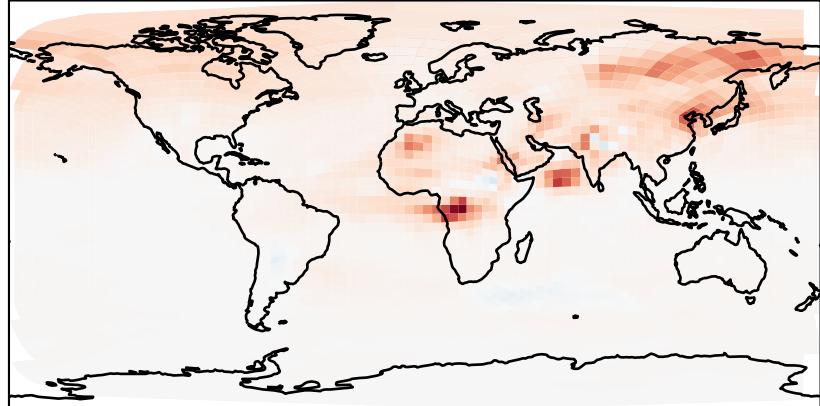


# SpeciesConcVV\_BCPI

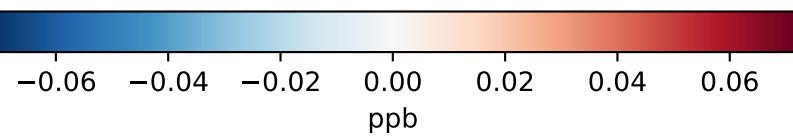
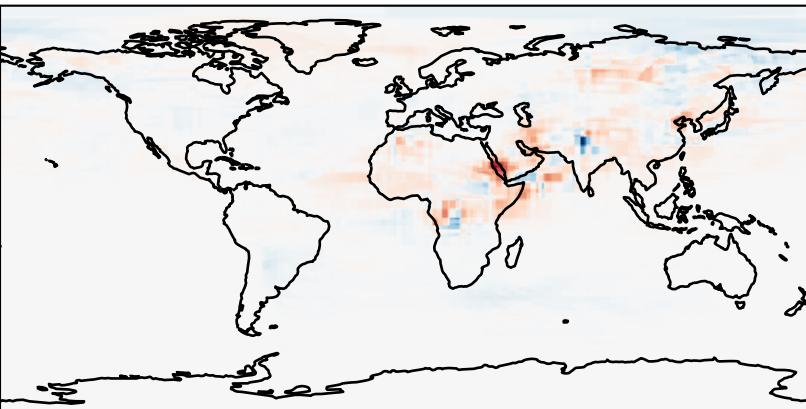
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



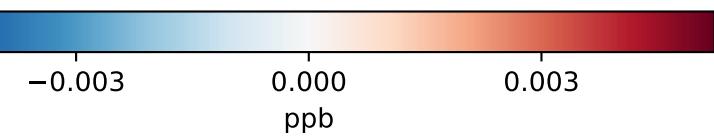
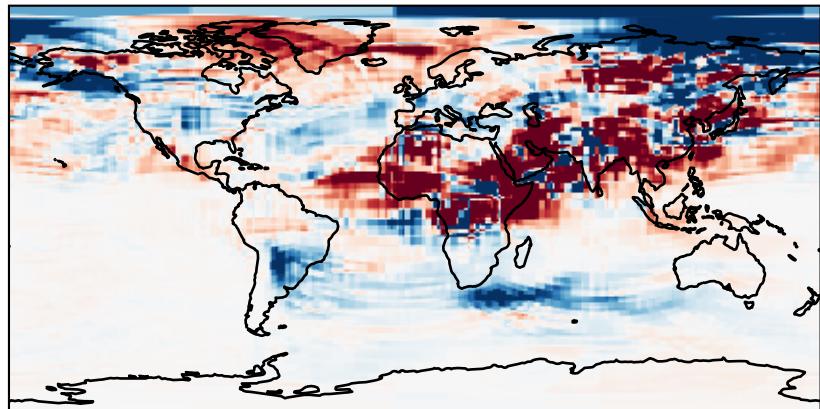
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



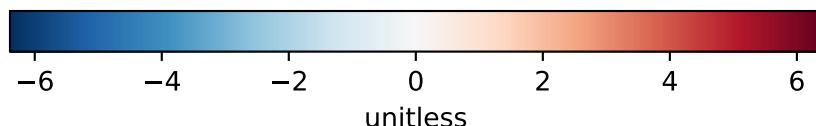
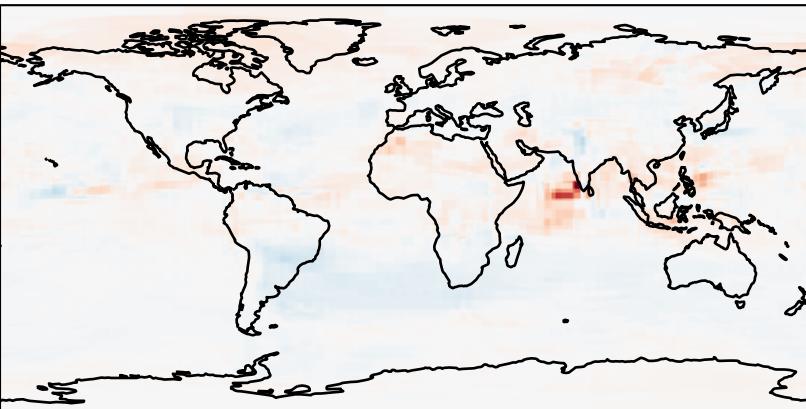
Difference (1x1.25)  
Dev - Ref, Dynamic Range



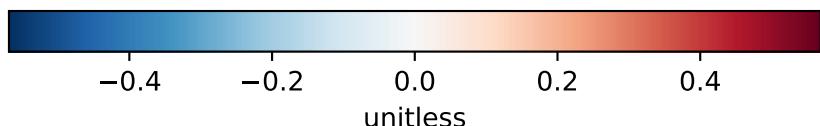
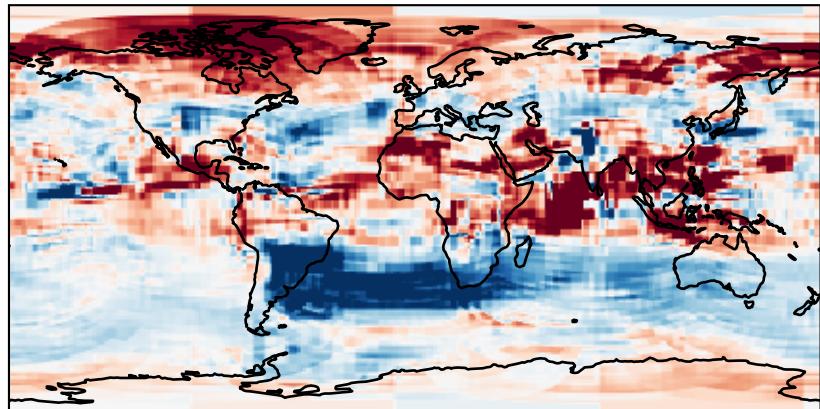
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

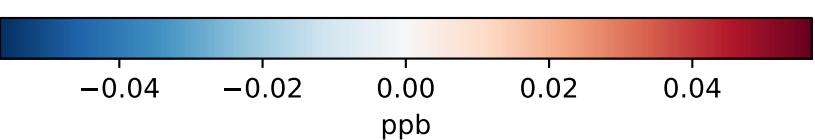
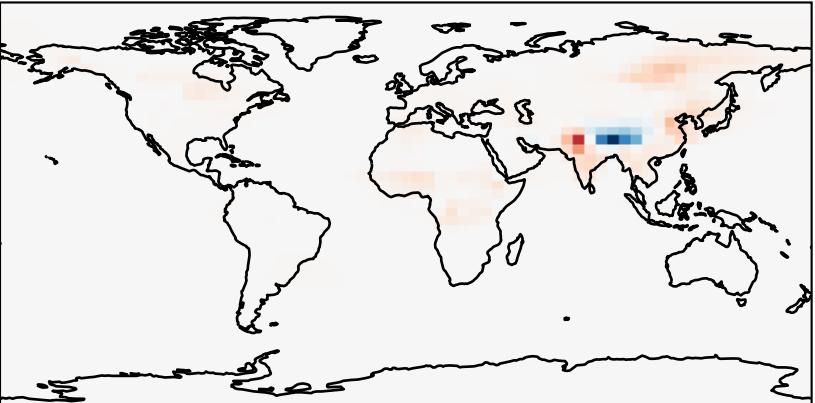


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

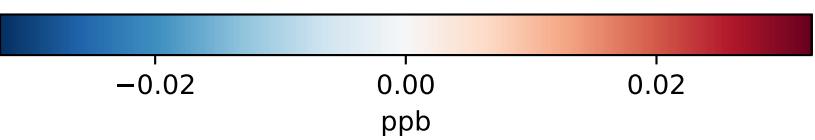
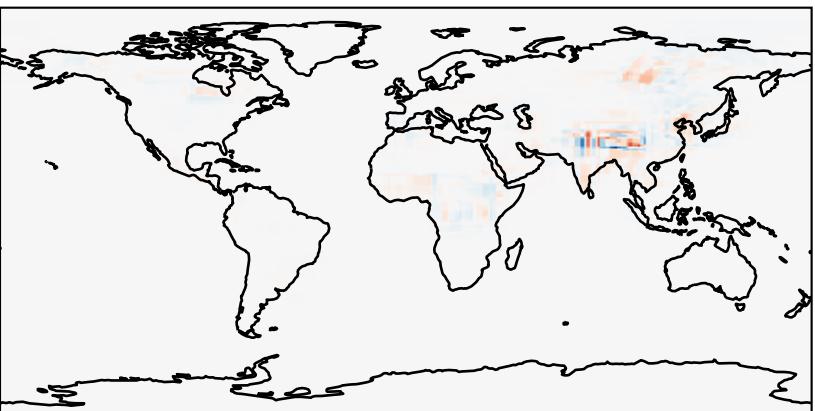


# SpeciesConcVV\_BCPO

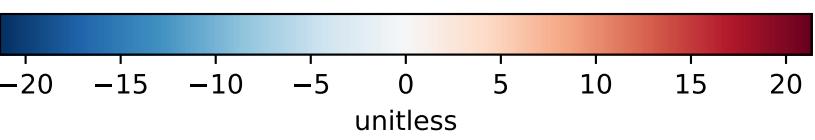
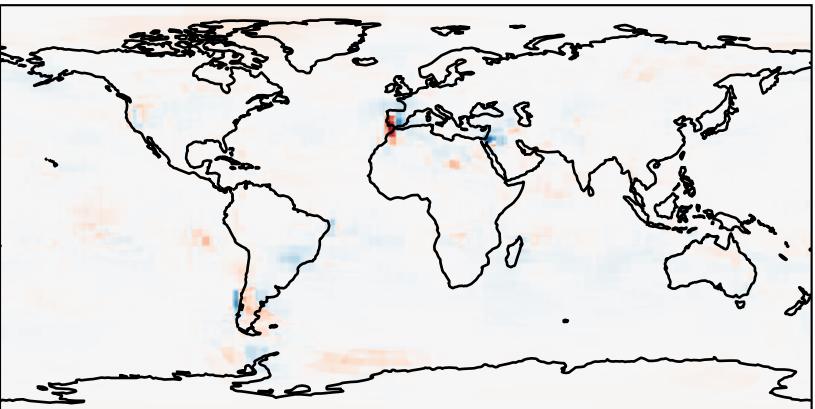
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



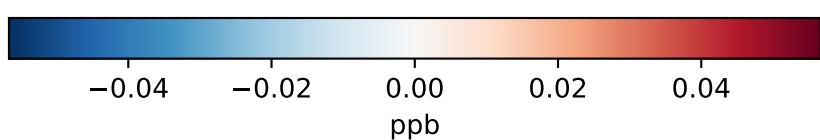
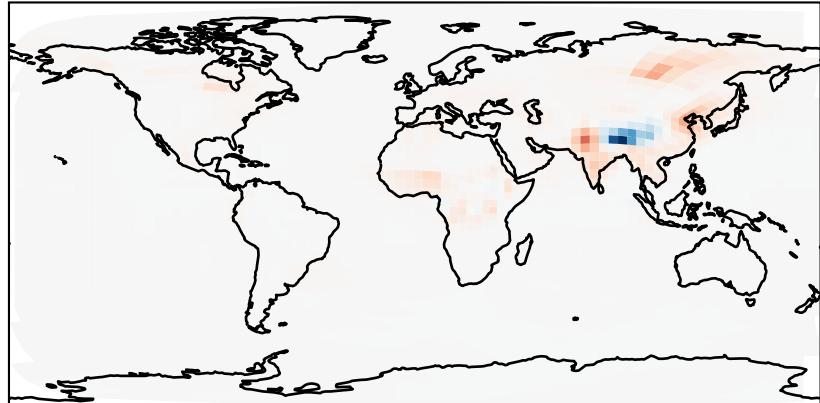
Difference (1x1.25)  
Dev - Ref, Dynamic Range



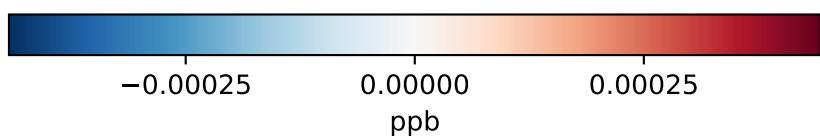
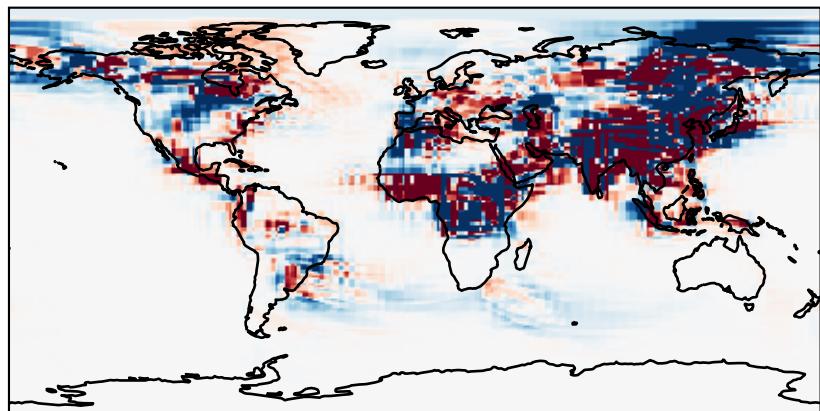
Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



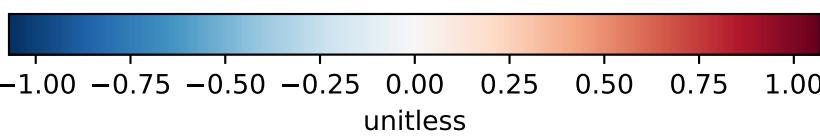
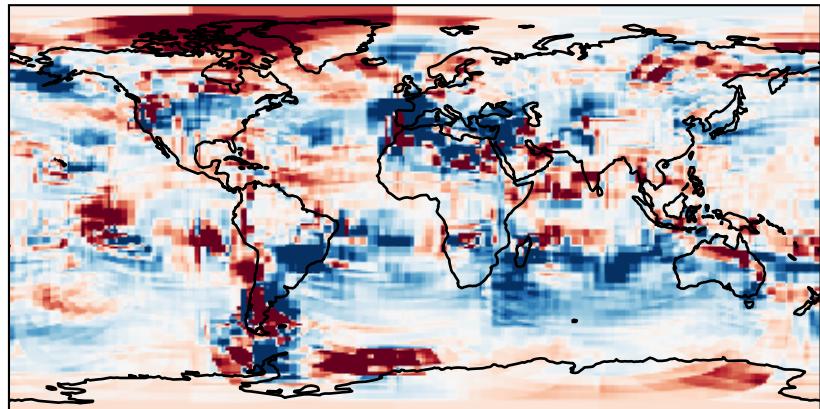
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



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

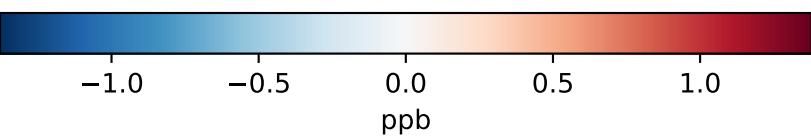
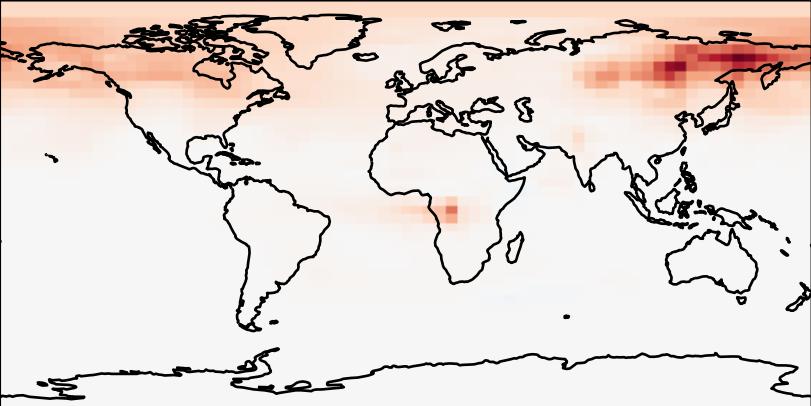


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

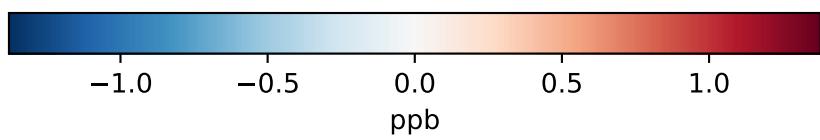
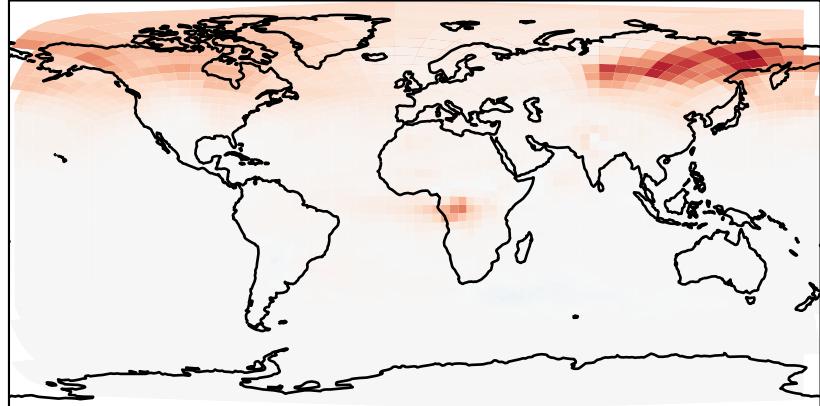


# SpeciesConcVV\_OCPI

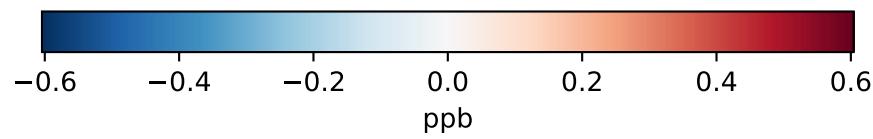
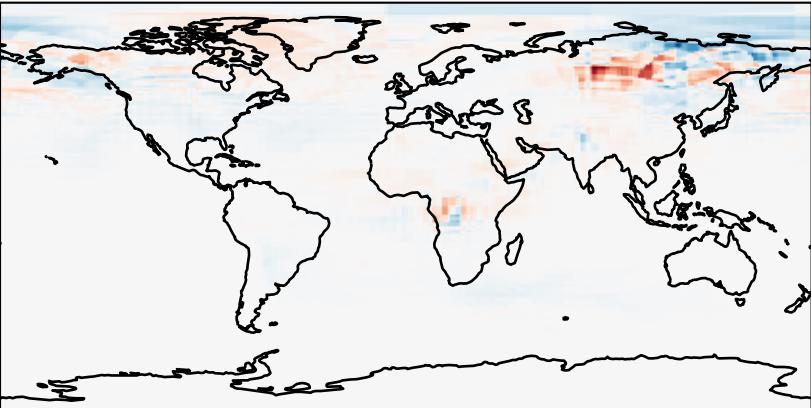
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



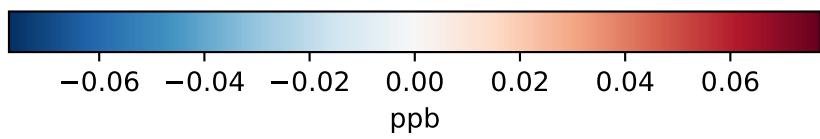
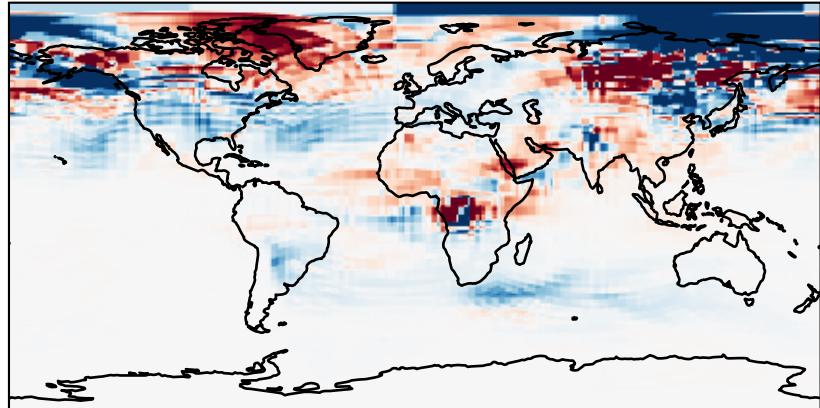
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



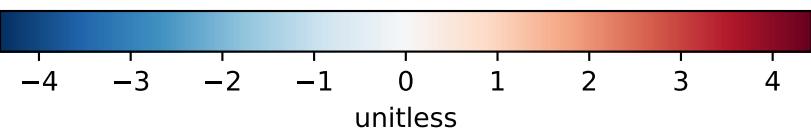
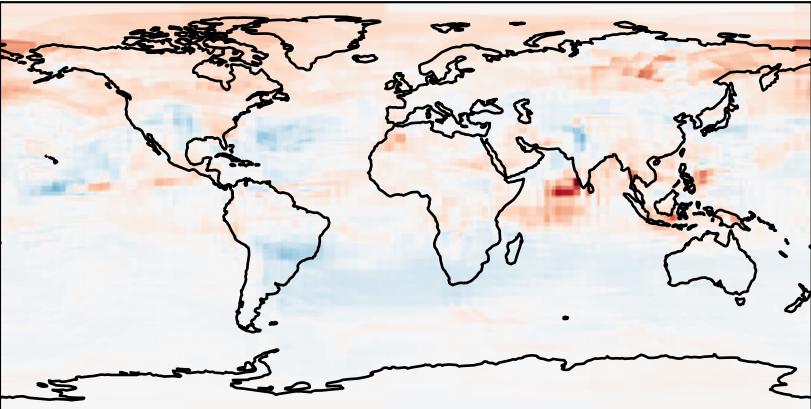
Difference (1x1.25)  
Dev - Ref, Dynamic Range



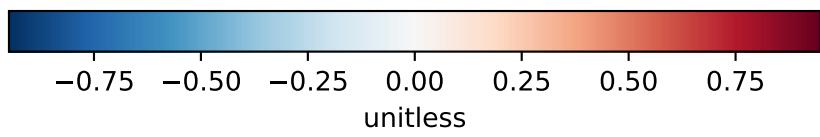
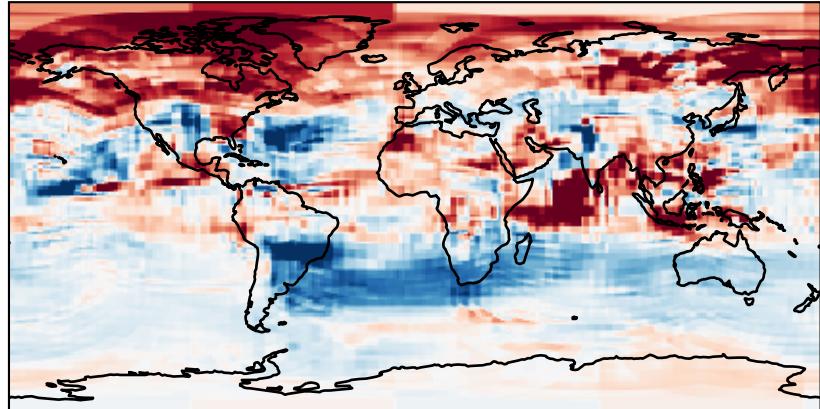
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

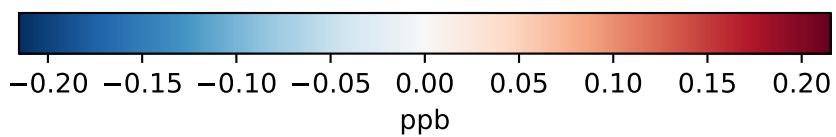
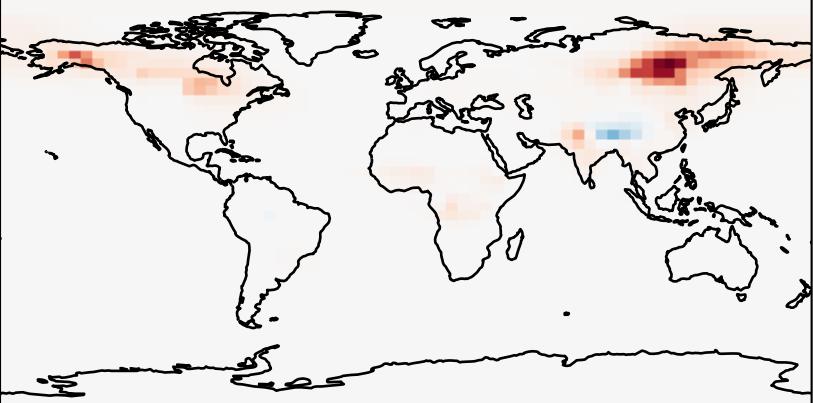


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

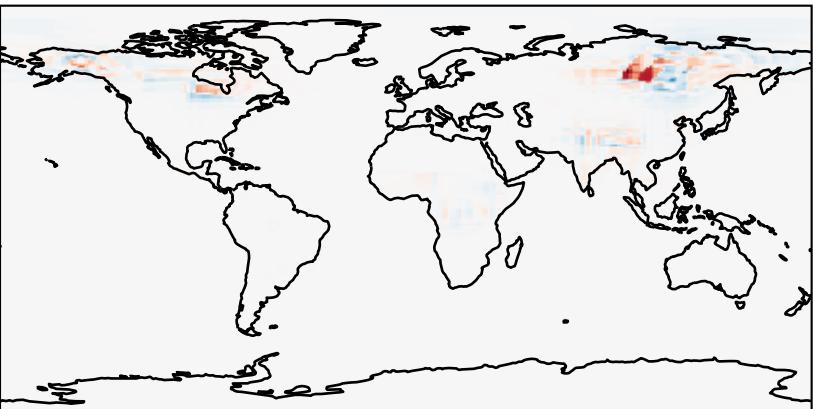


# SpeciesConcVV\_OCPO

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

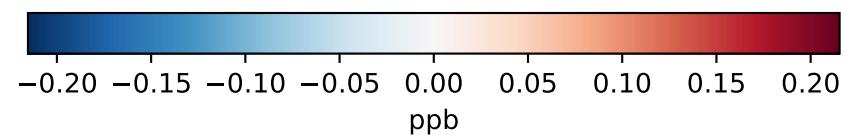
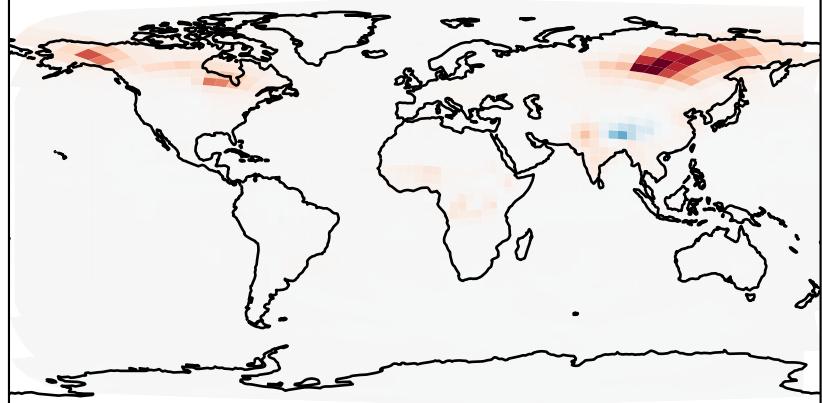


Difference (1x1.25)  
Dev - Ref, Dynamic Range

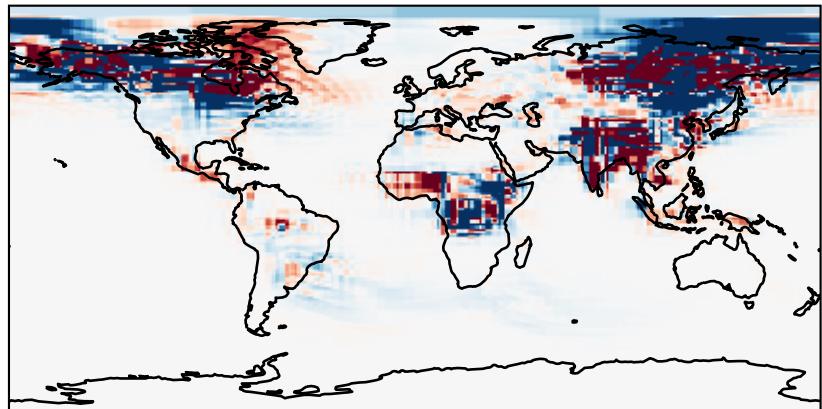


-0.10 -0.05 0.00 0.05 0.10  
ppb

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

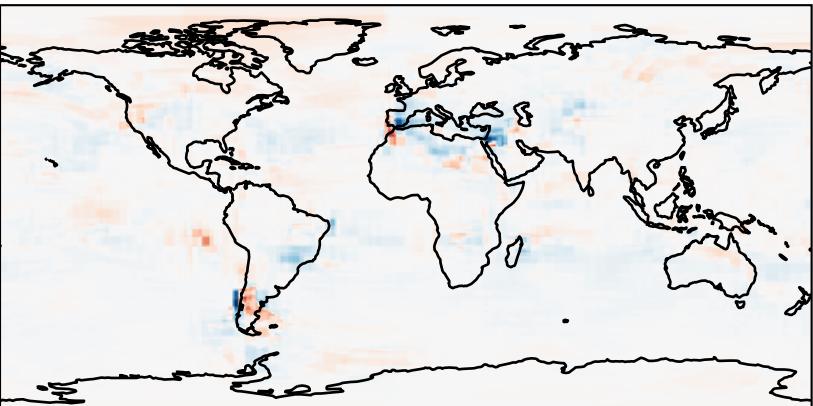


Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



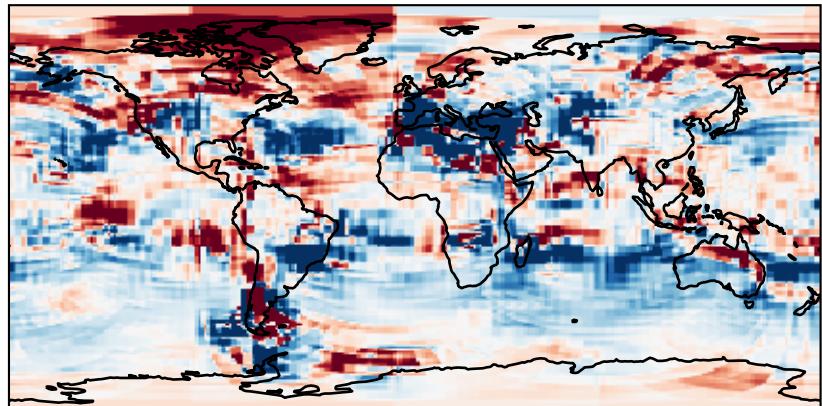
-0.002 0.000 0.002  
ppb

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



-10 -5 0 5 10  
unitless

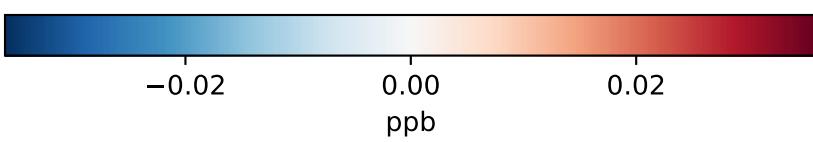
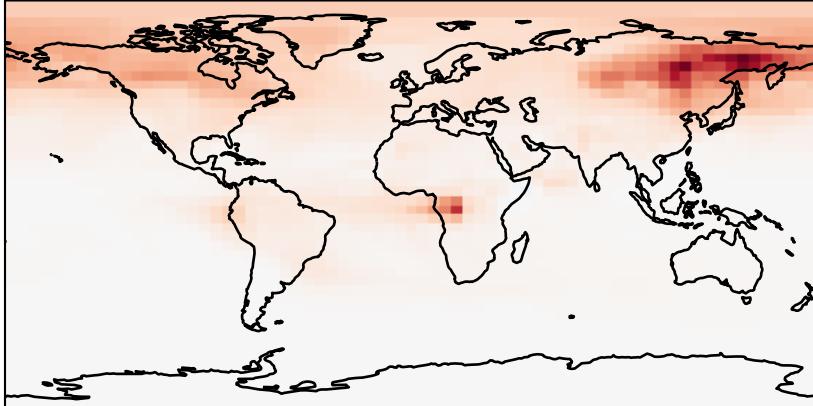
Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



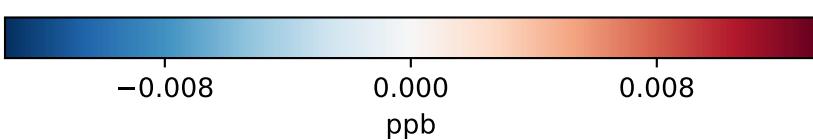
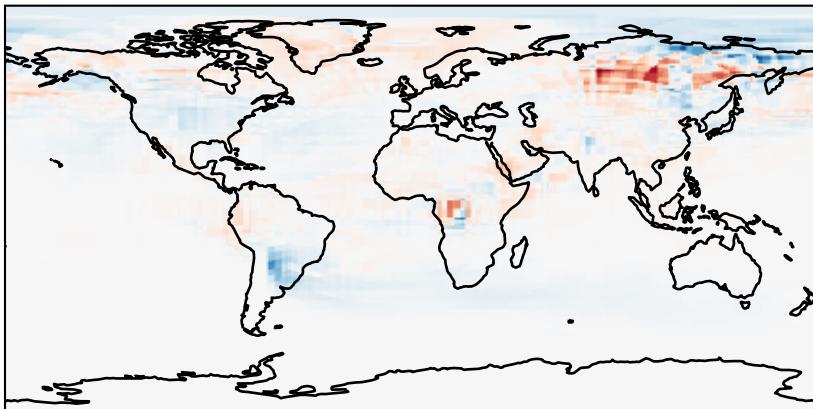
-0.75 -0.50 -0.25 0.00 0.25 0.50 0.75  
unitless

# SpeciesConcVV\_Complex\_SOA

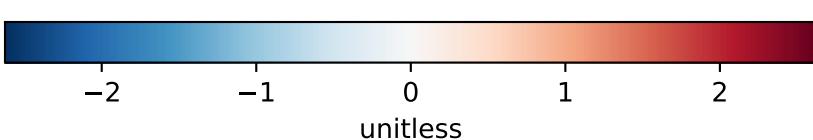
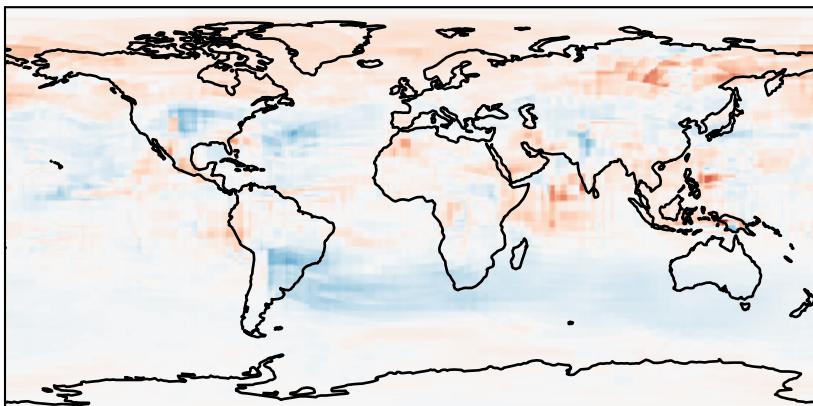
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



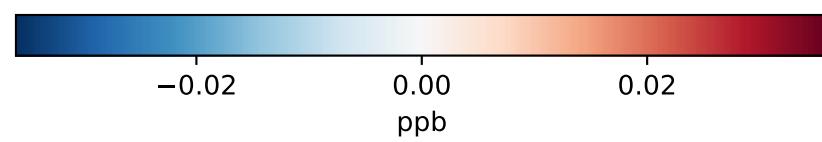
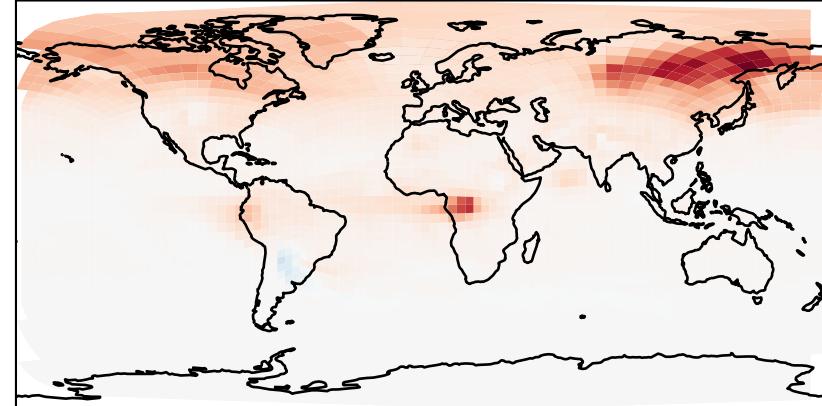
Difference (1x1.25)  
Dev - Ref, Dynamic Range



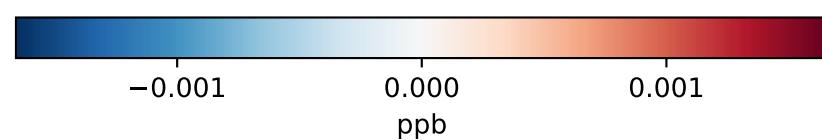
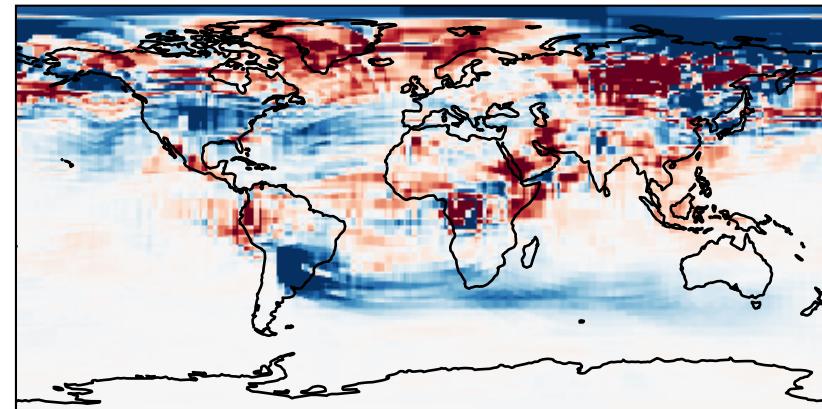
Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



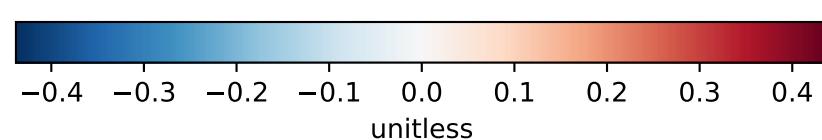
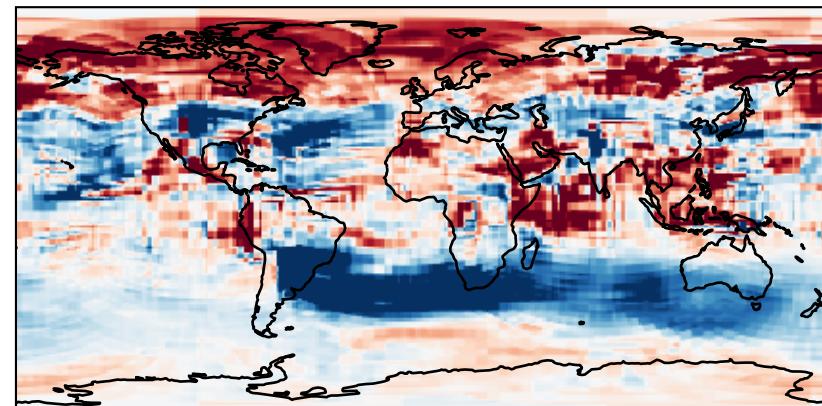
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



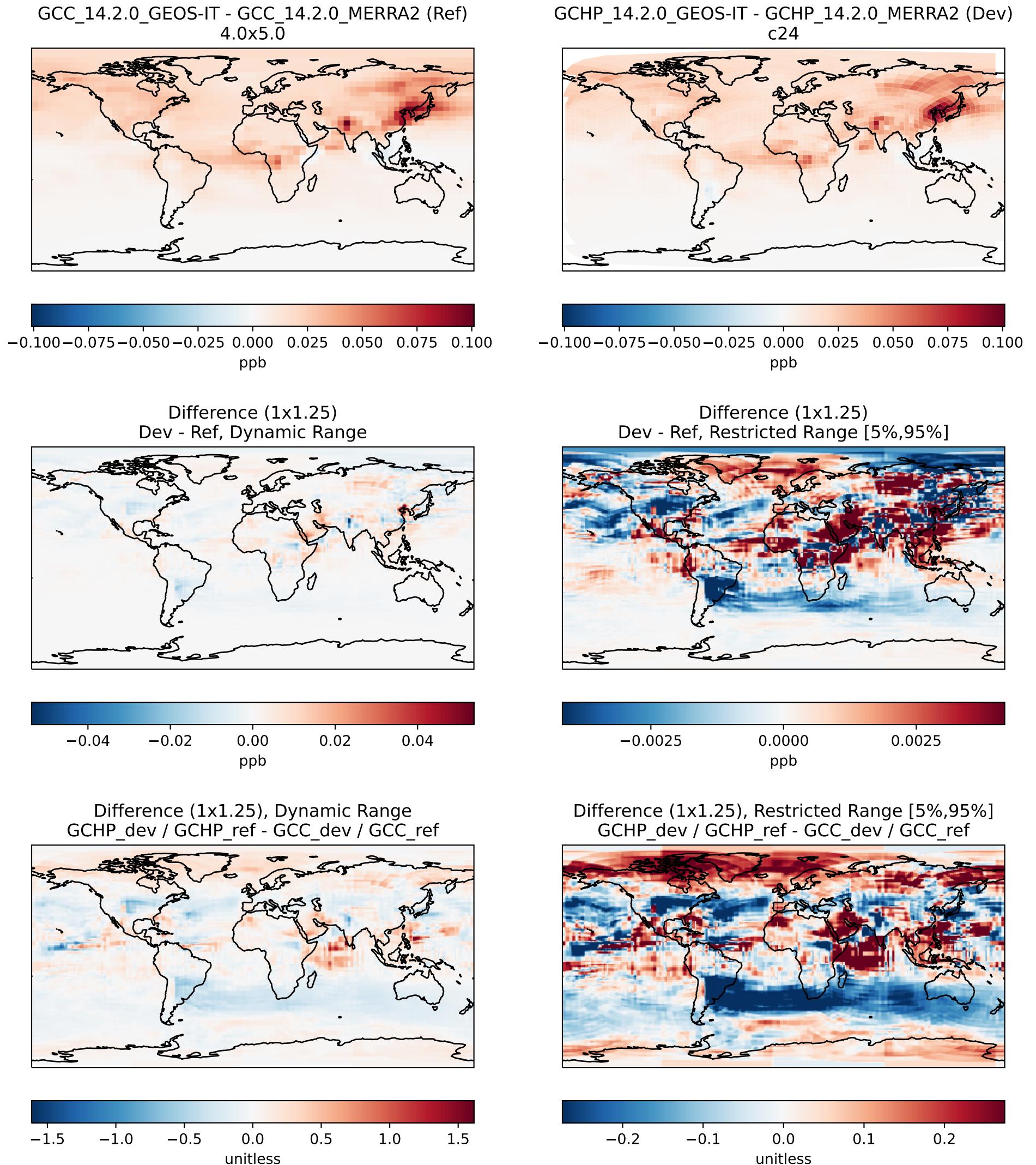
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

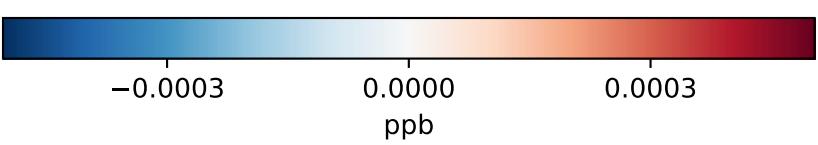
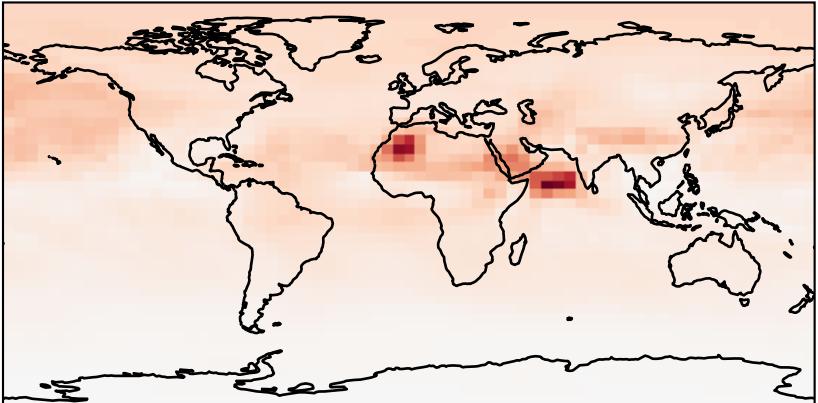


# SpeciesConcVV\_Simple\_SOA

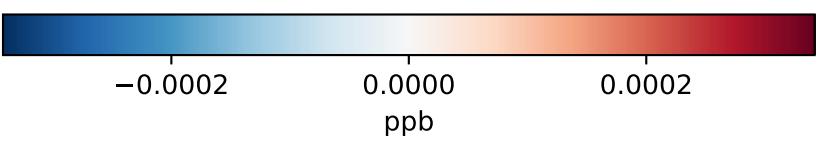
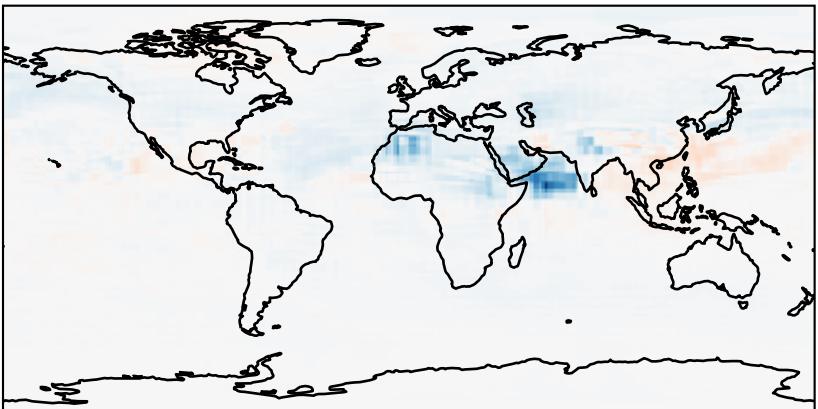


# SpeciesConcVV\_AERI

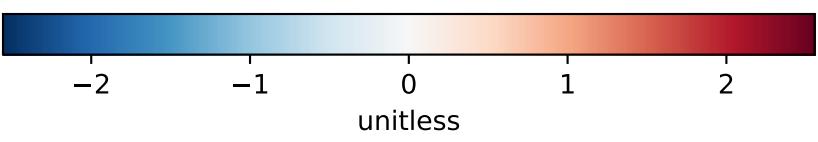
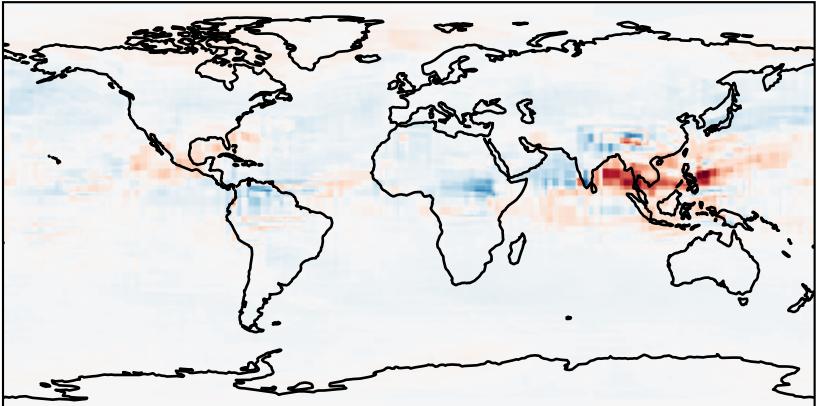
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



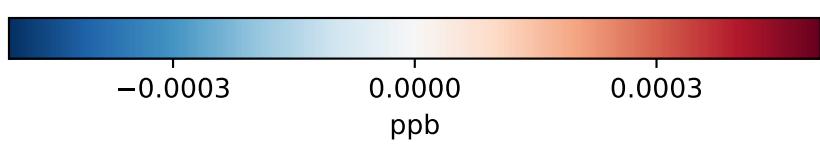
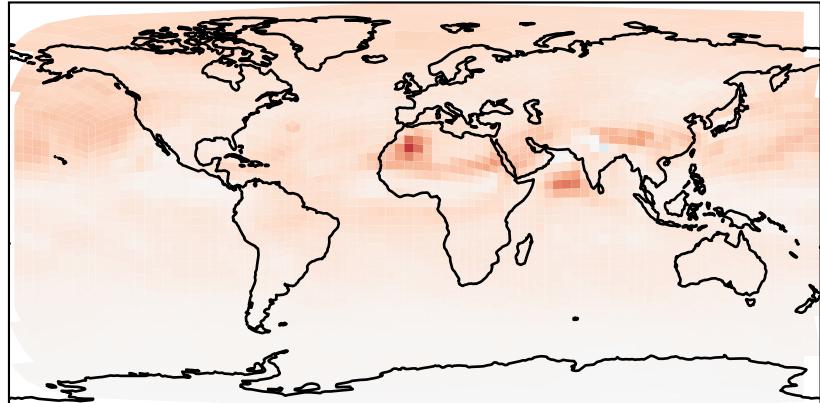
Difference (1x1.25)  
Dev - Ref, Dynamic Range



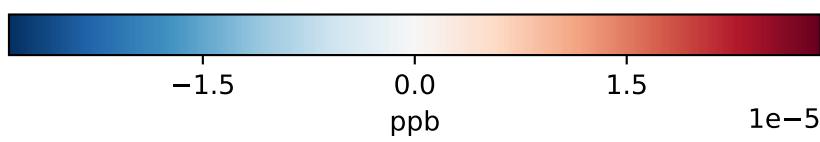
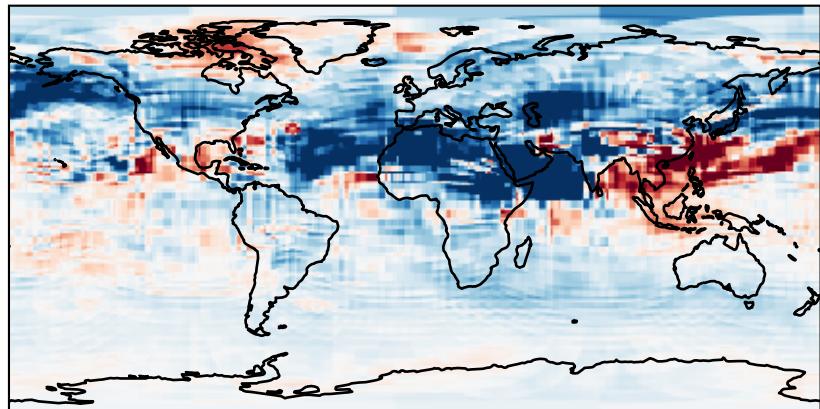
Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



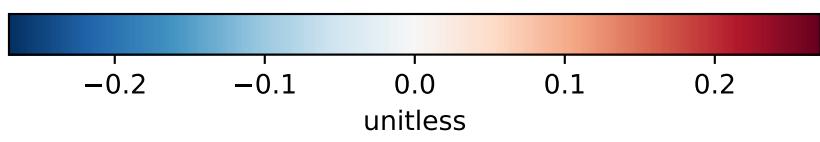
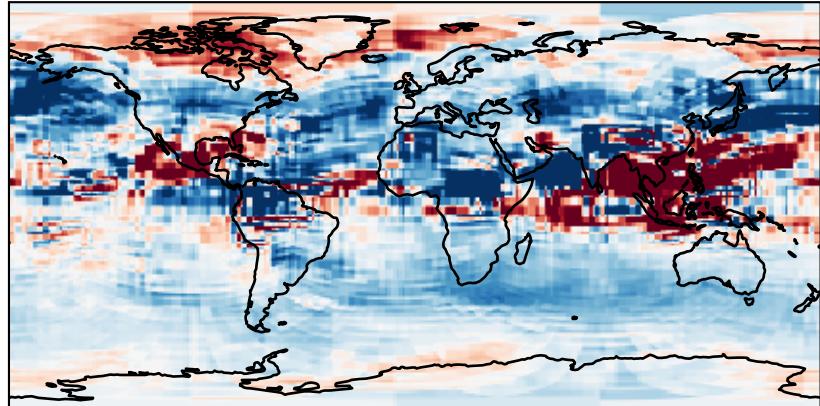
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



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

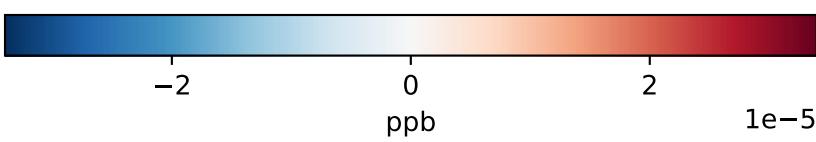
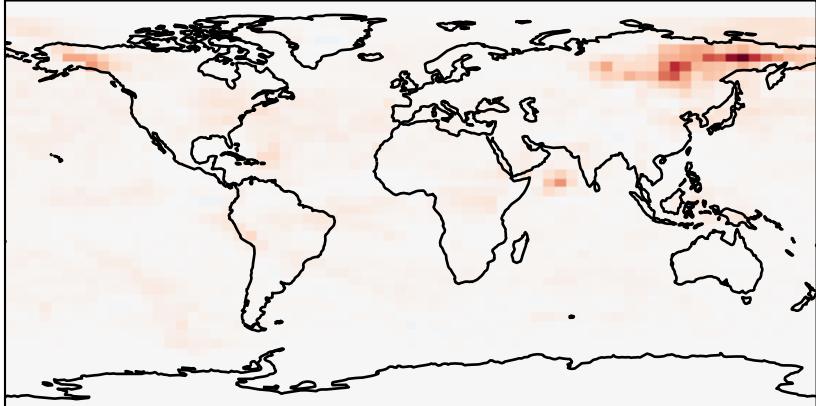


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

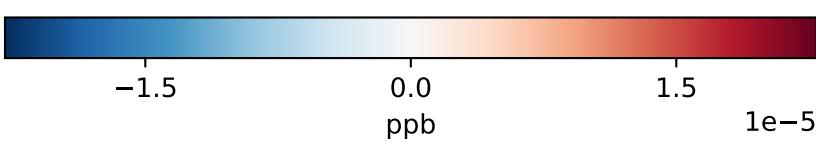
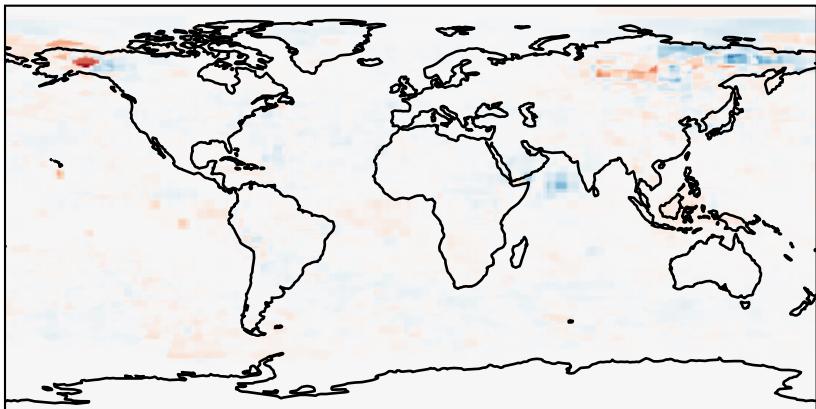


# SpeciesConcVV\_BrSALA

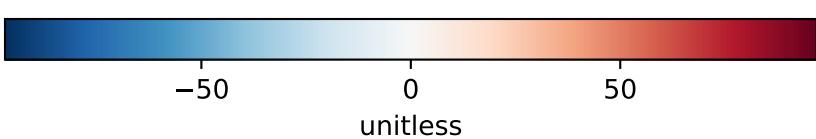
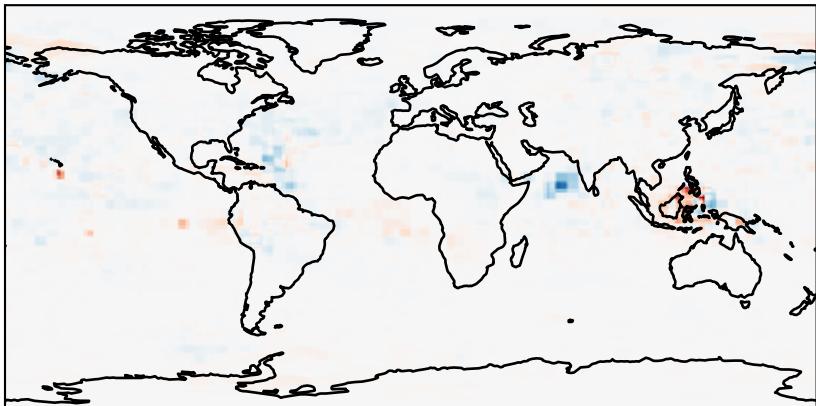
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



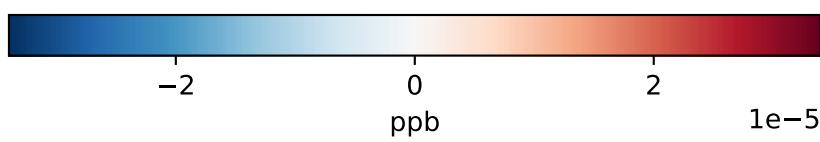
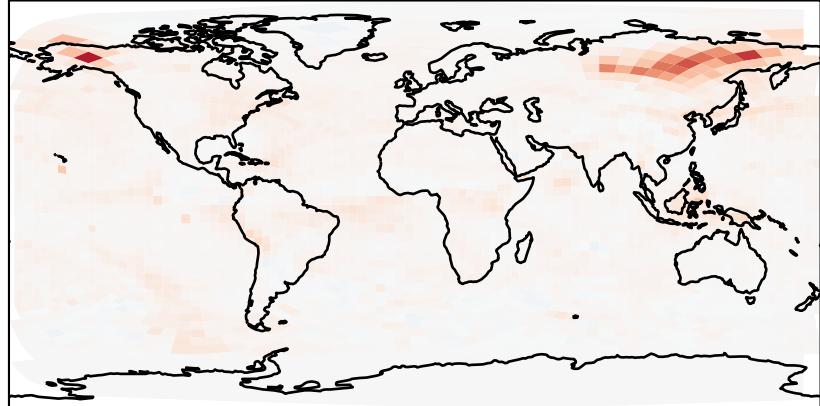
Difference (1x1.25)  
Dev - Ref, Dynamic Range



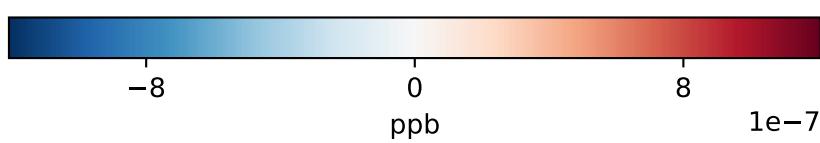
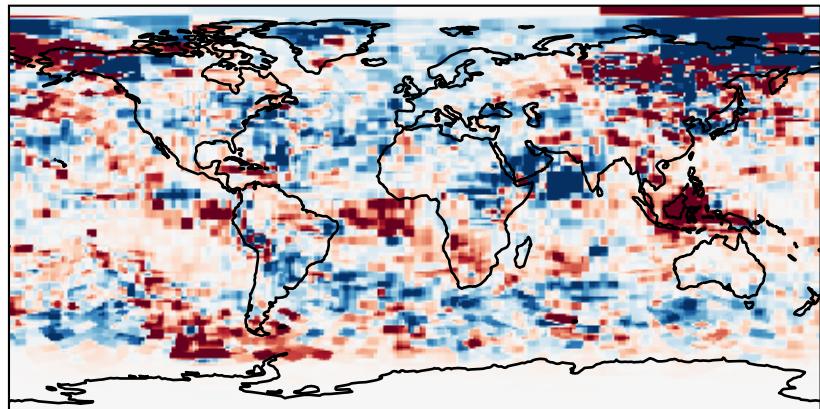
Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



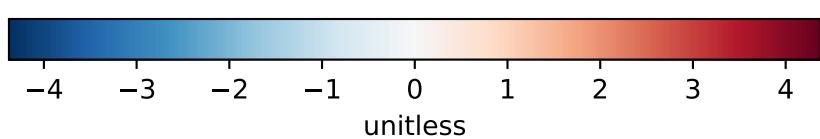
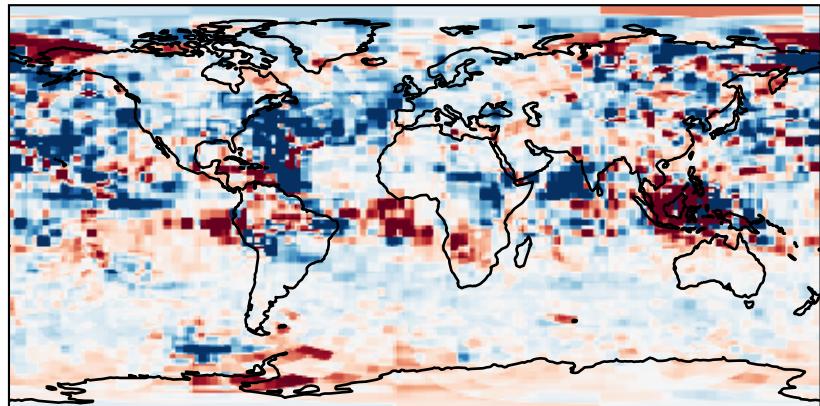
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



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

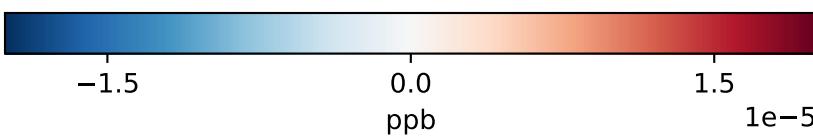
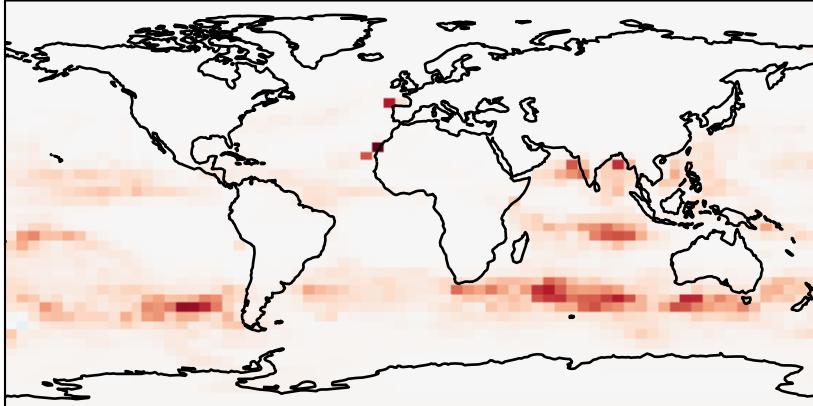


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

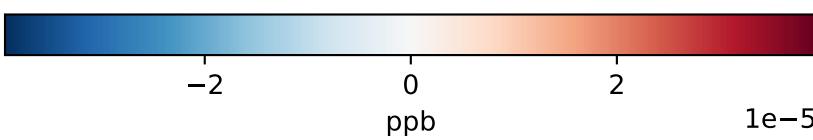
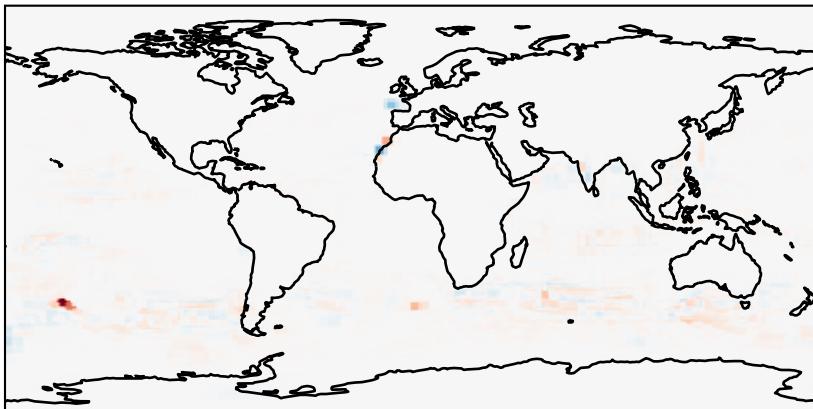


# SpeciesConcVV\_BrSALC

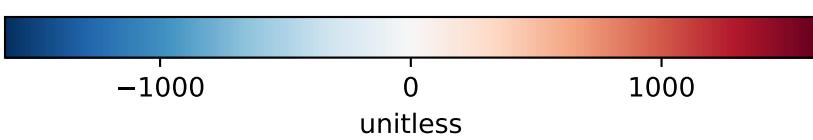
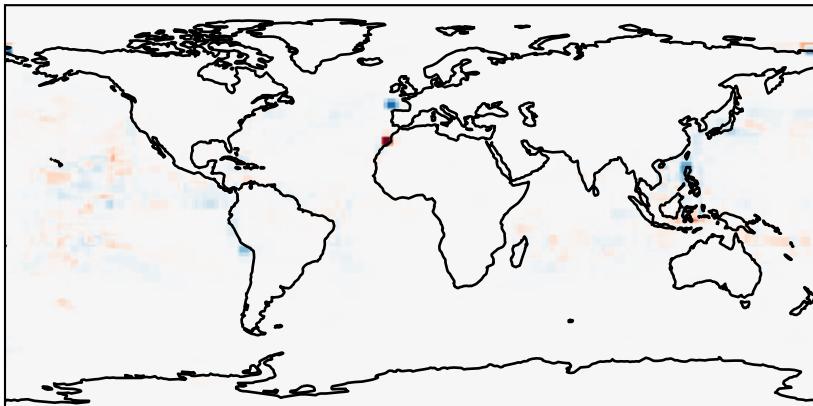
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



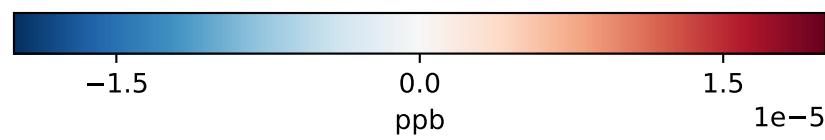
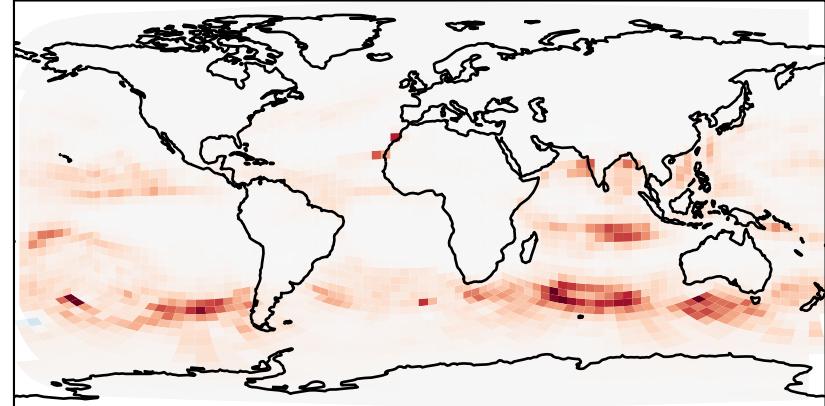
Difference (1x1.25)  
Dev - Ref, Dynamic Range



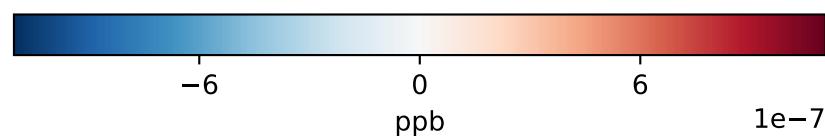
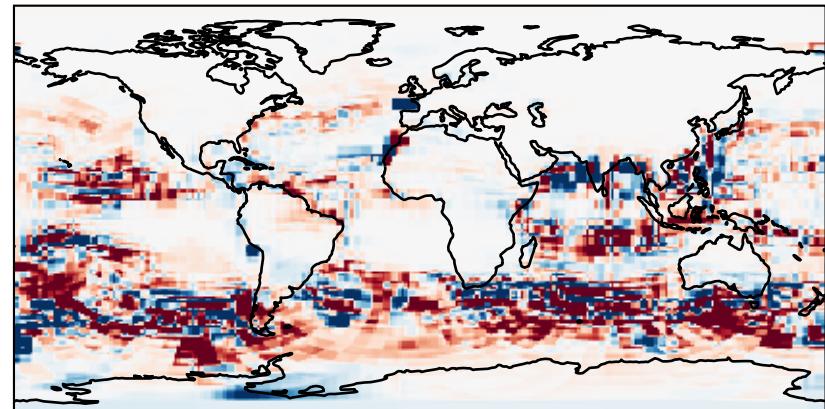
Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



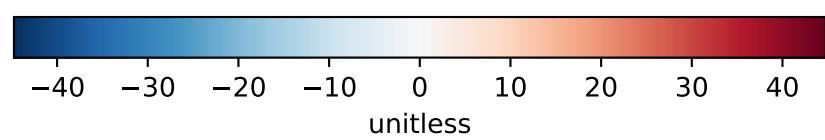
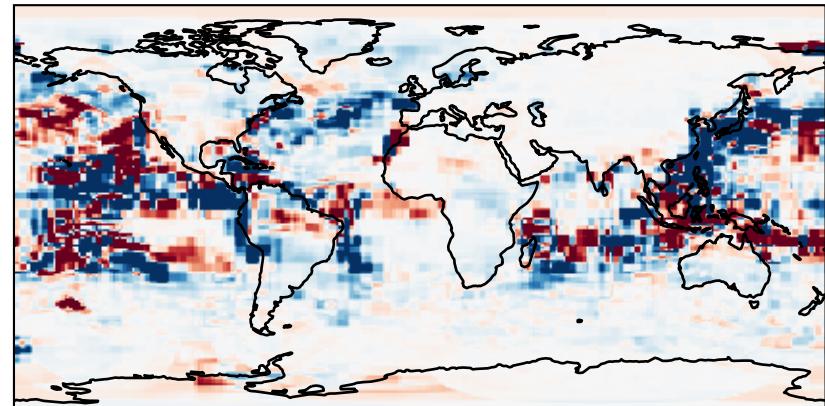
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



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

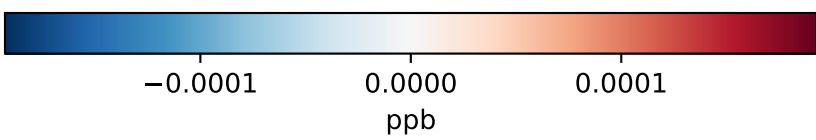
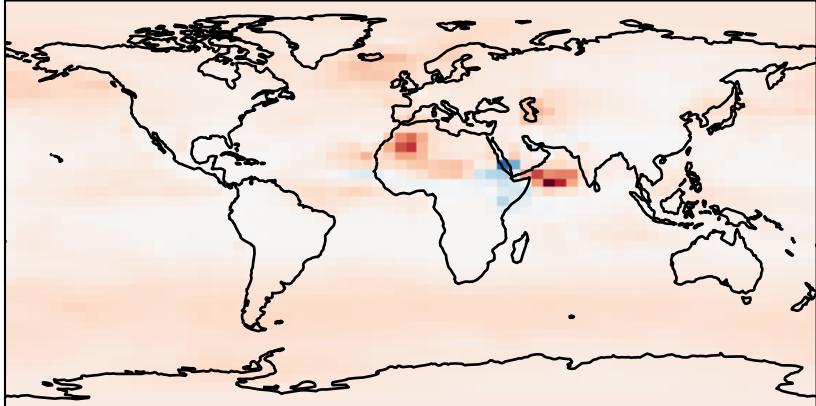


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

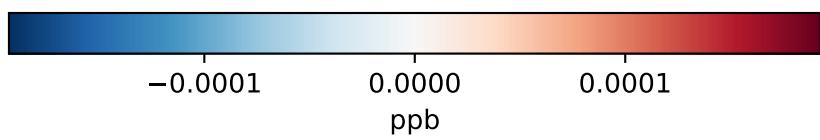
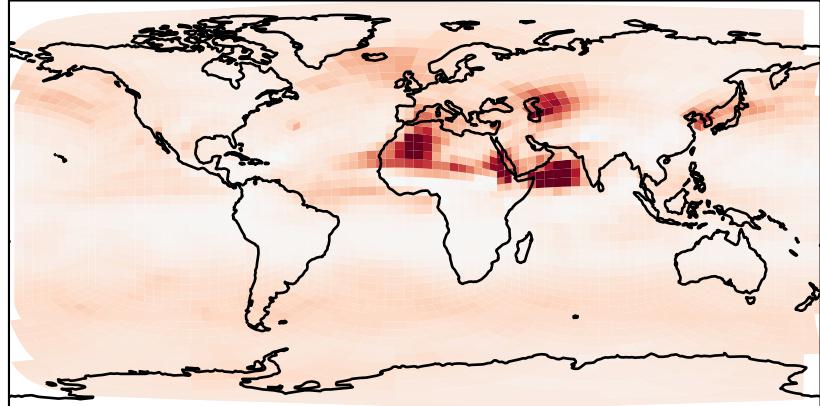


# SpeciesConcVV\_ISALA

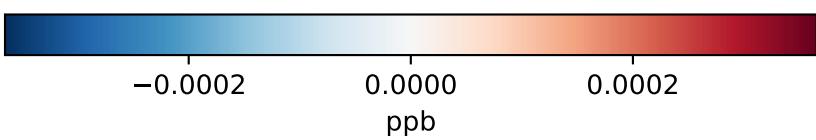
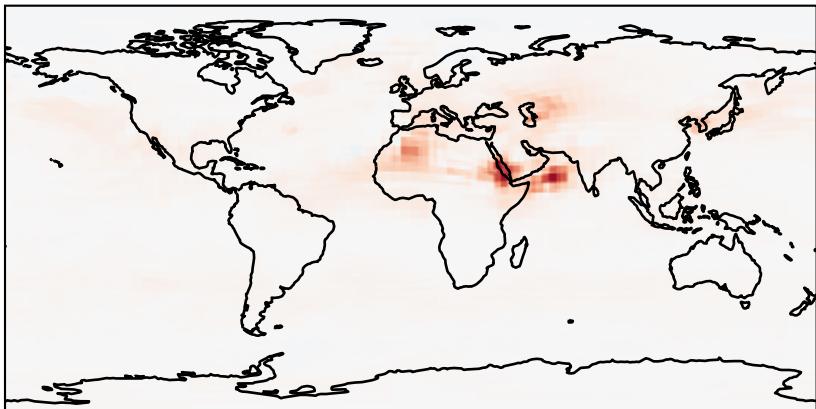
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



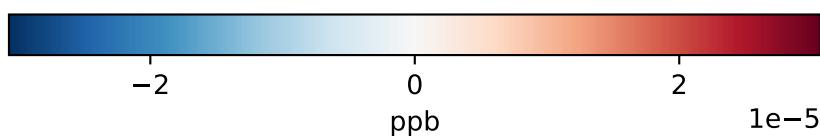
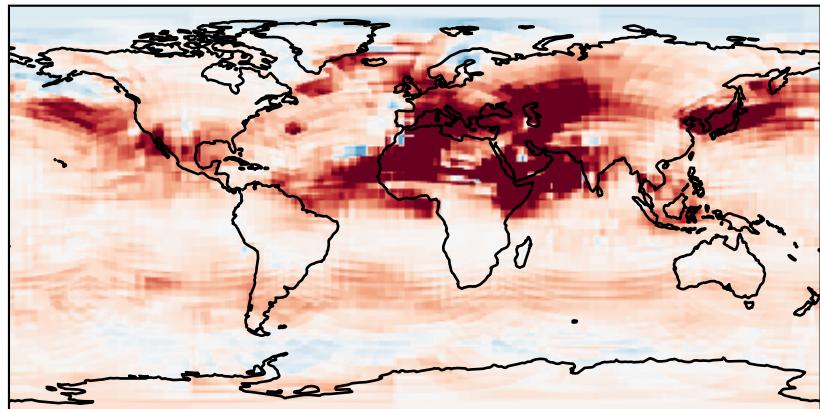
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



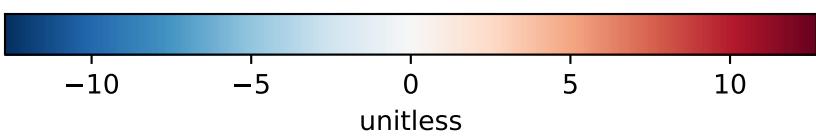
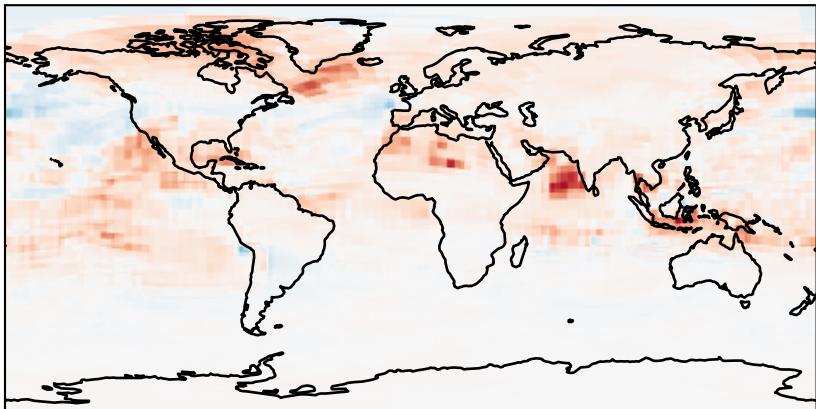
Difference (1x1.25)  
Dev - Ref, Dynamic Range



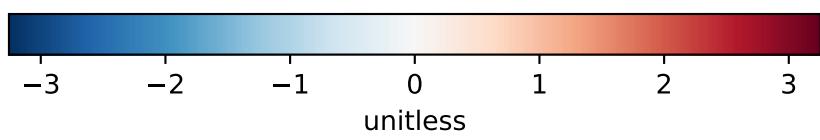
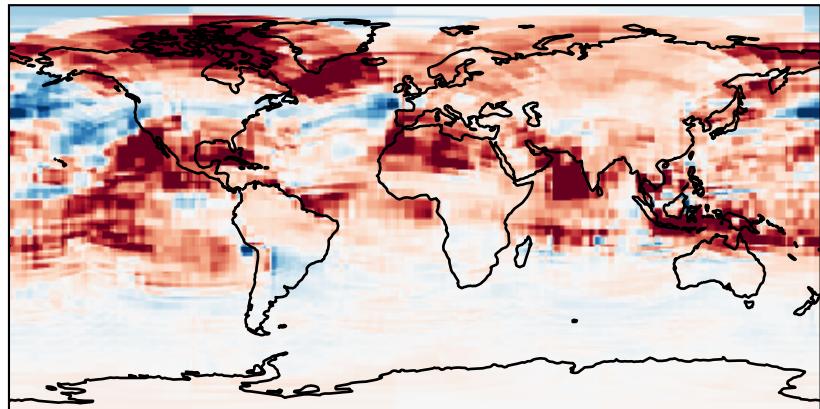
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

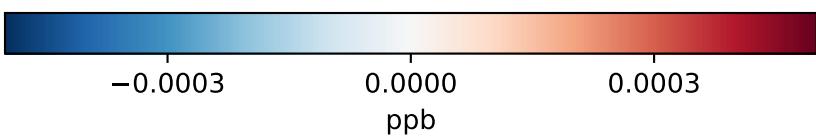
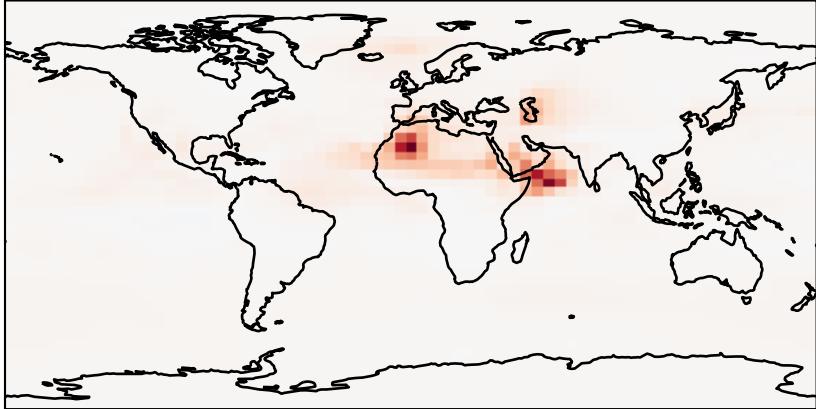


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

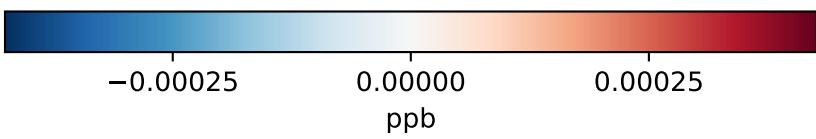
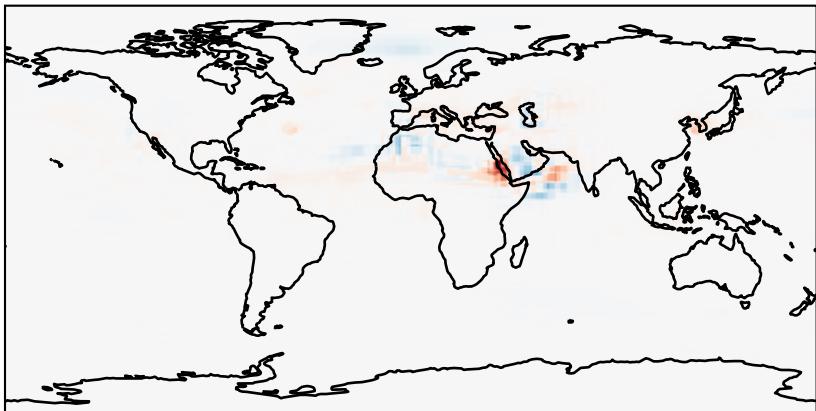


# SpeciesConcVV\_ISALC

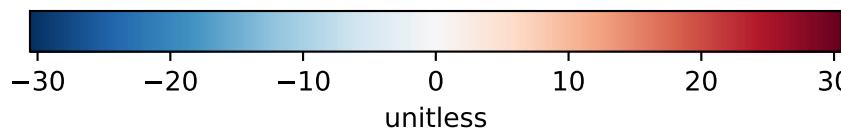
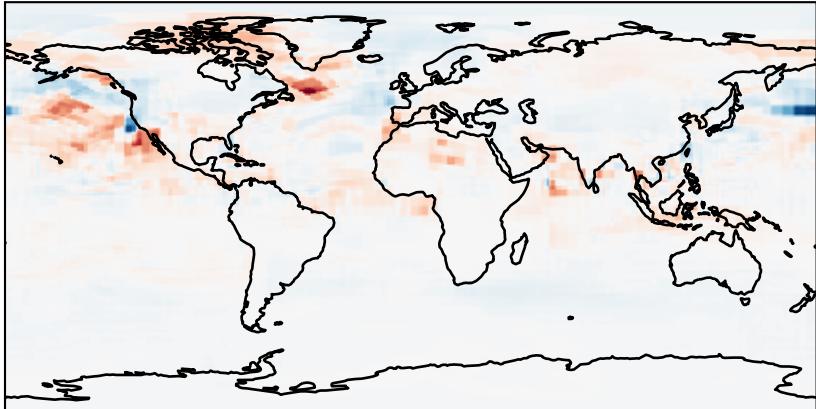
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



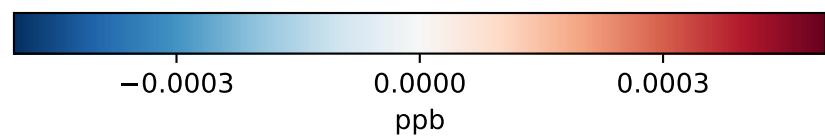
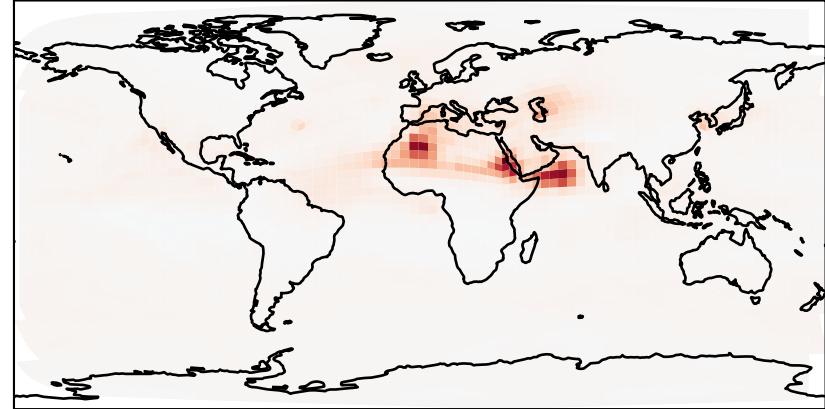
Difference (1x1.25)  
Dev - Ref, Dynamic Range



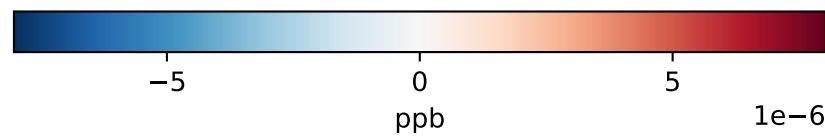
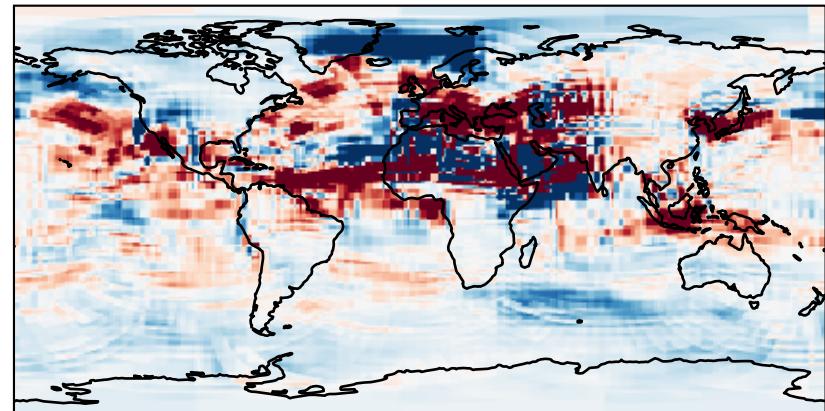
Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



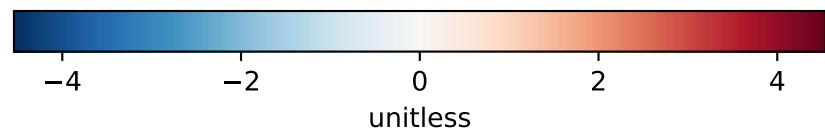
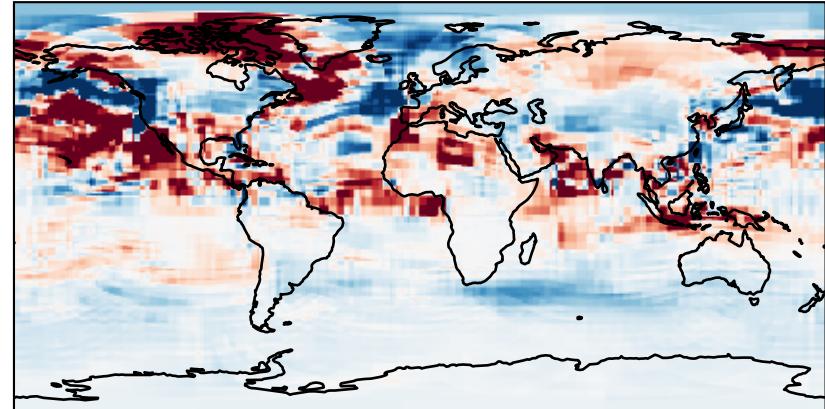
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



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

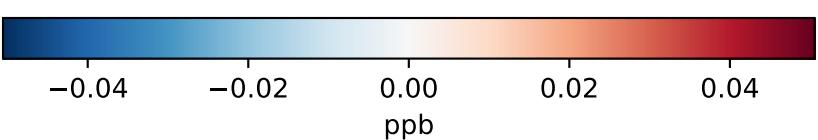
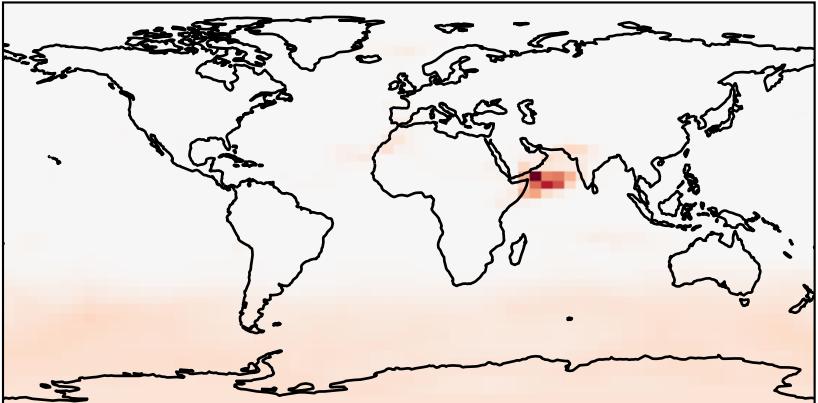


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

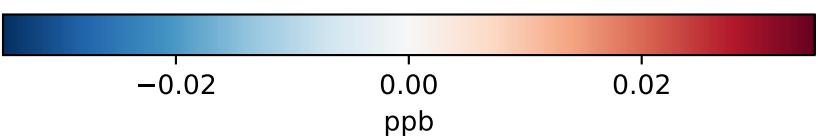
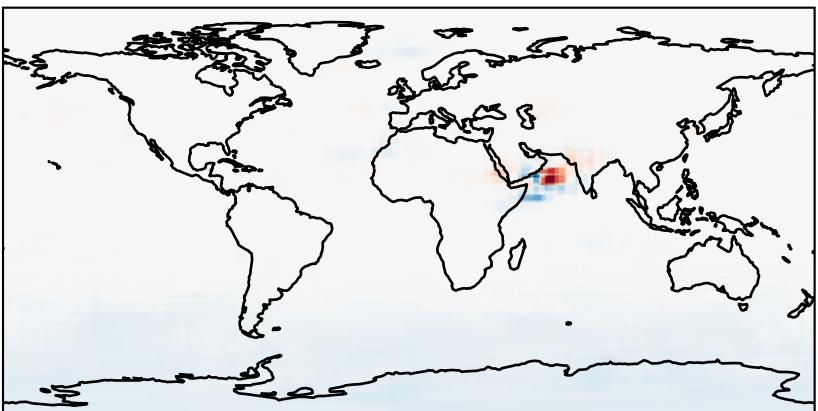


# SpeciesConcVV\_NITs

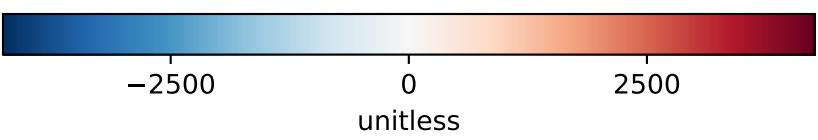
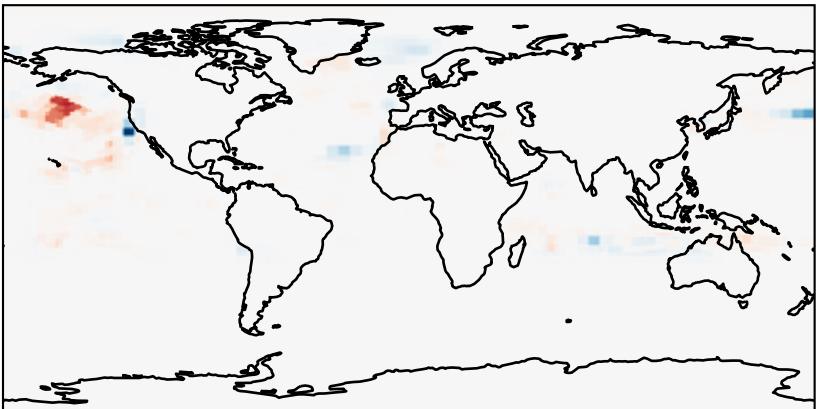
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



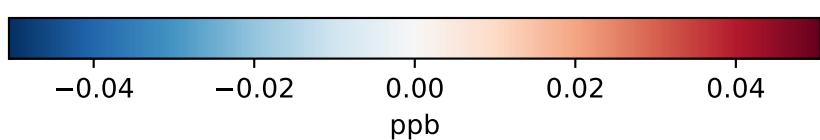
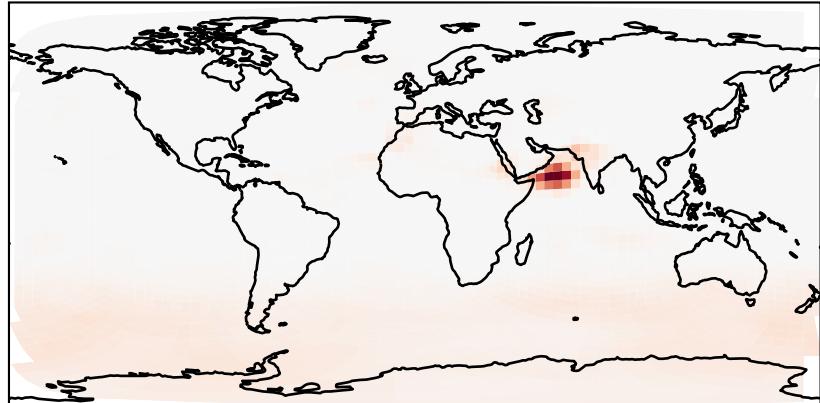
Difference (1x1.25)  
Dev - Ref, Dynamic Range



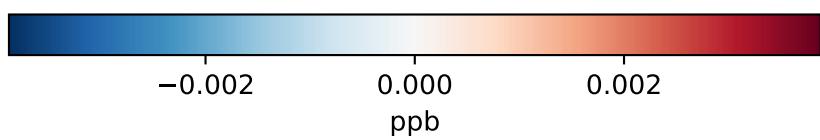
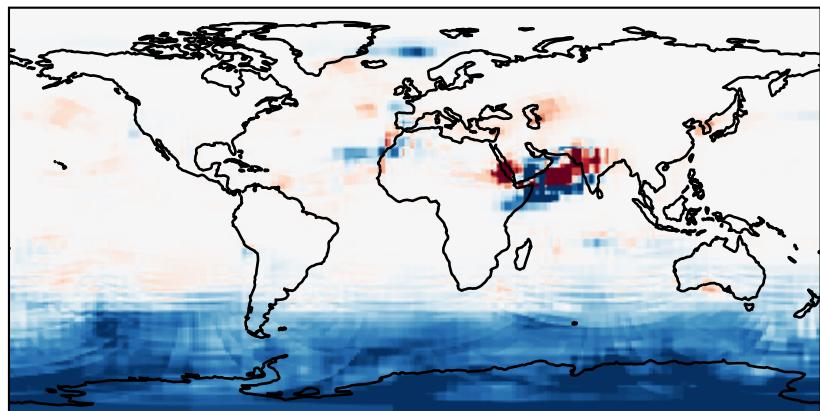
Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



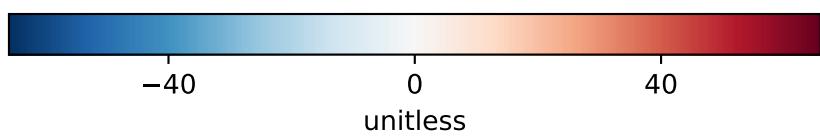
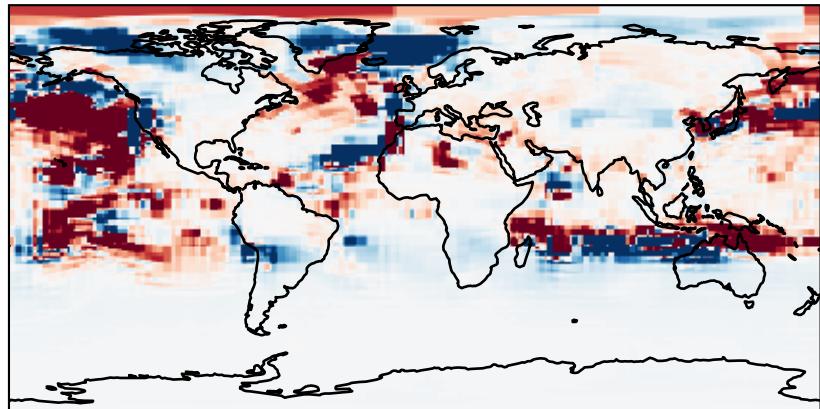
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



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

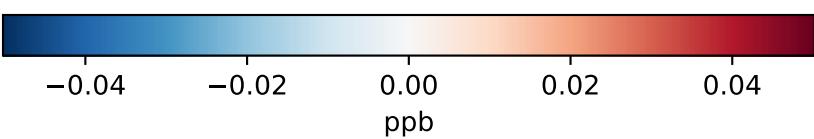
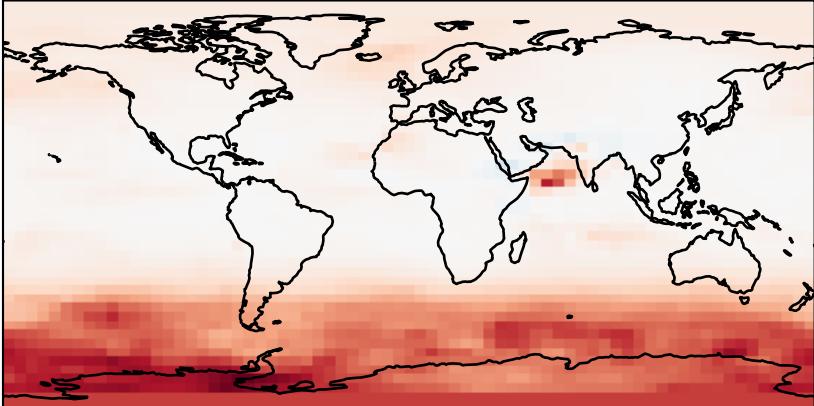


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

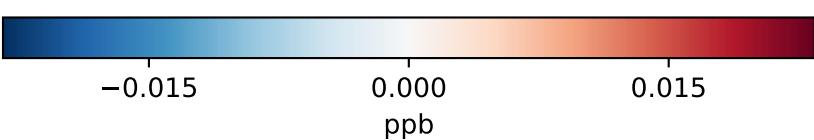
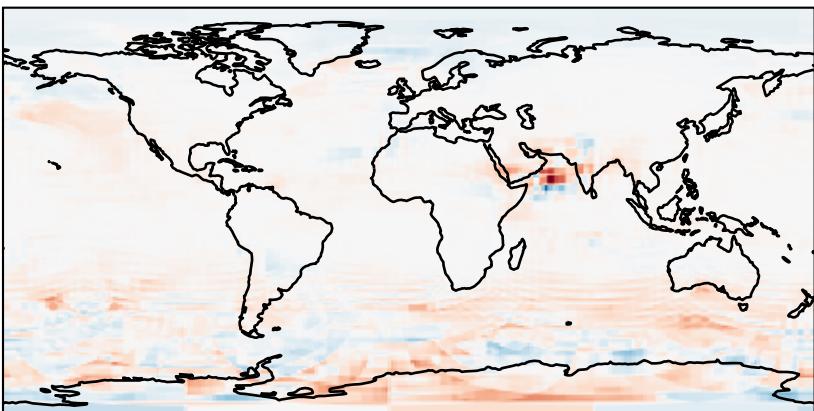


# SpeciesConcVV\_SALA

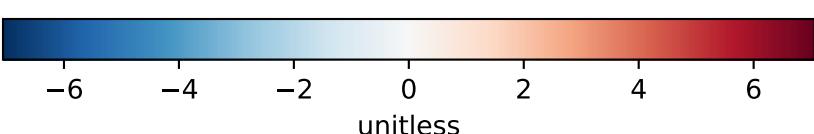
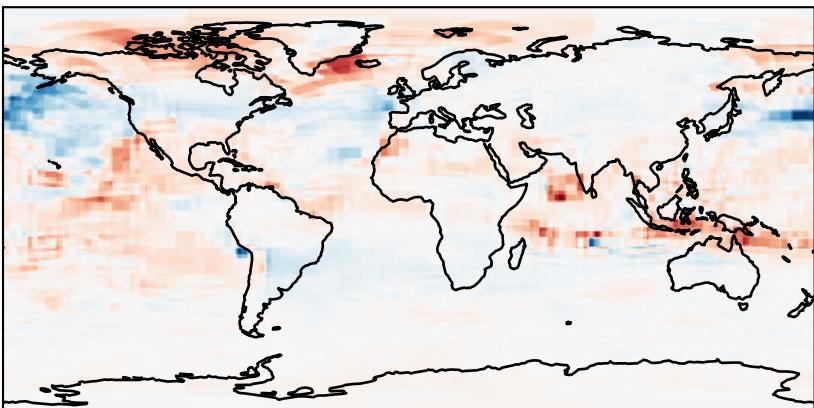
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



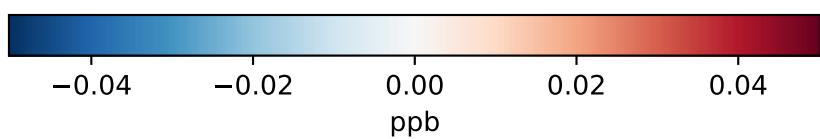
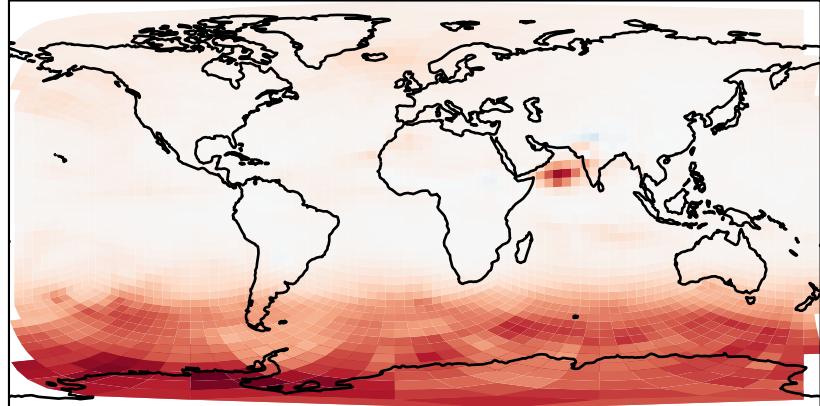
Difference (1x1.25)  
Dev - Ref, Dynamic Range



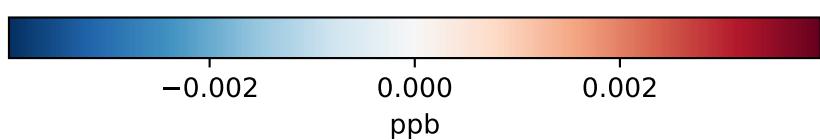
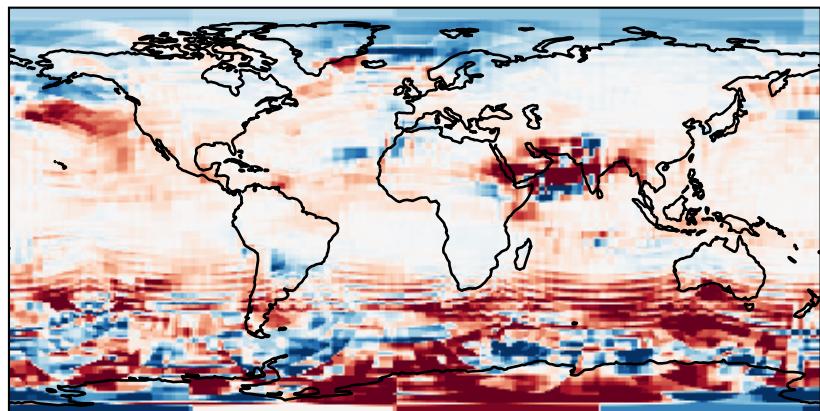
Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



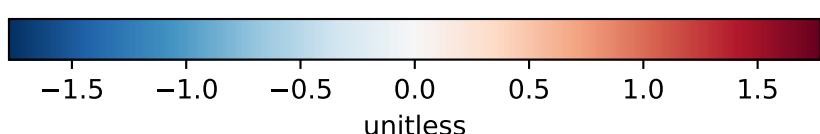
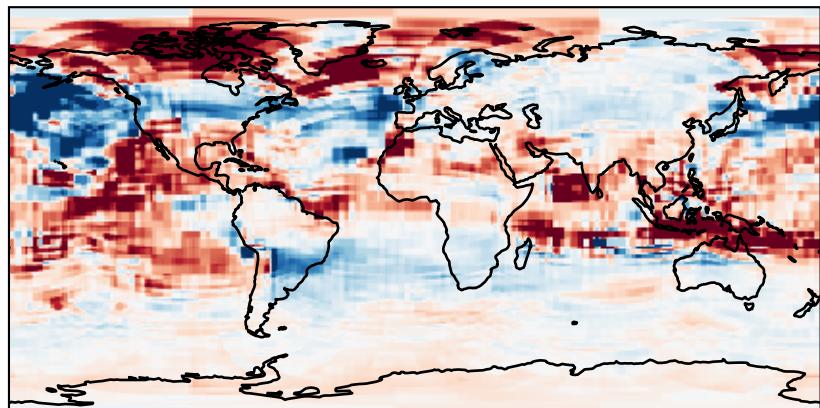
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



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

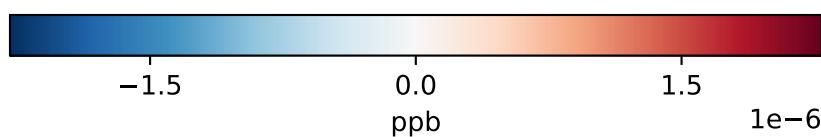
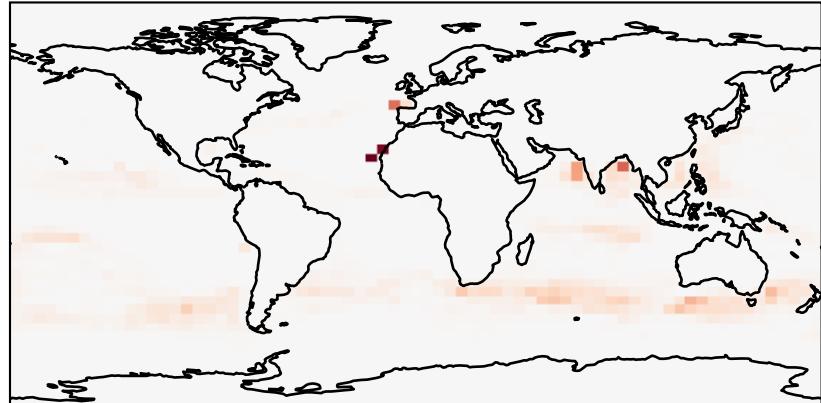


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

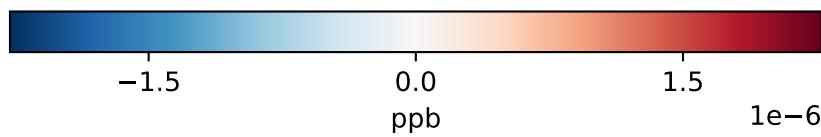
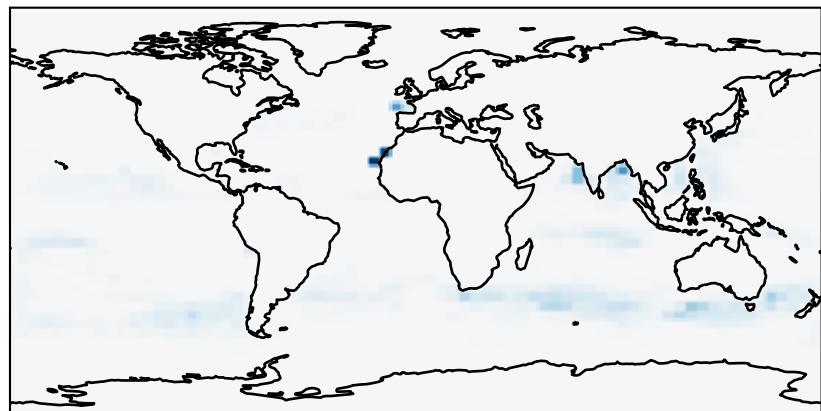


# SpeciesConcVV\_SALAAL

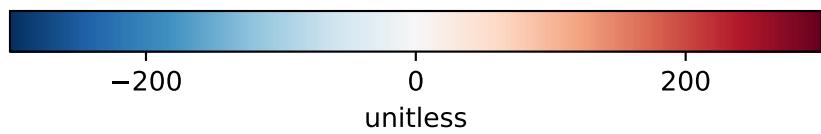
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



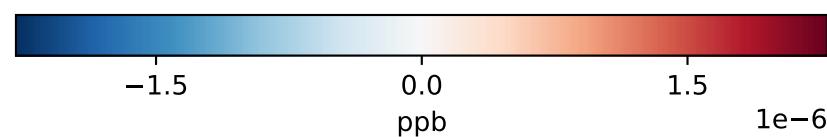
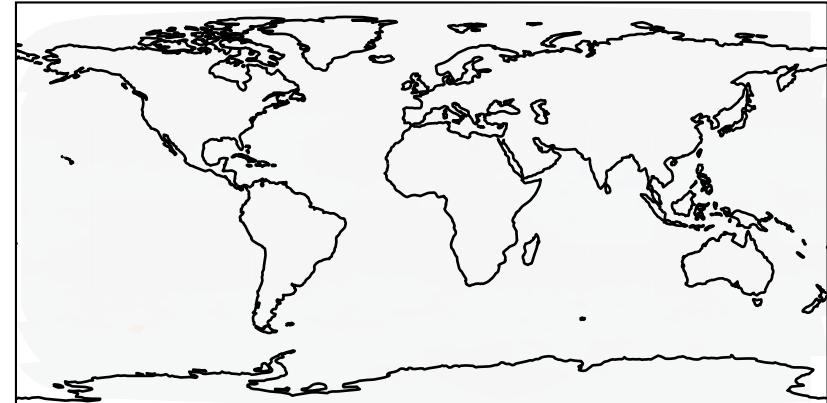
Difference (1x1.25)  
Dev - Ref, Dynamic Range



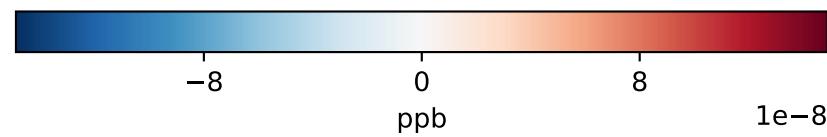
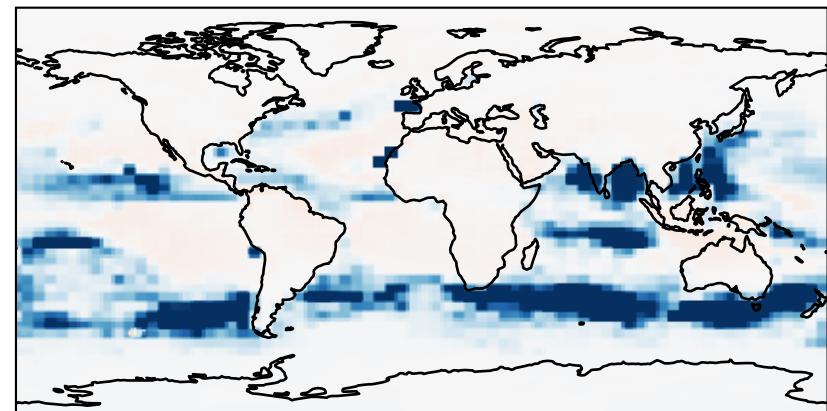
Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



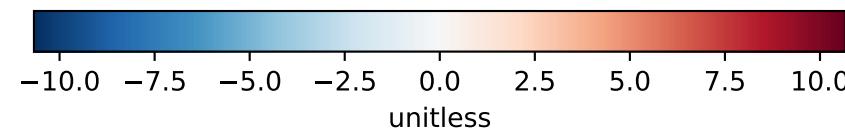
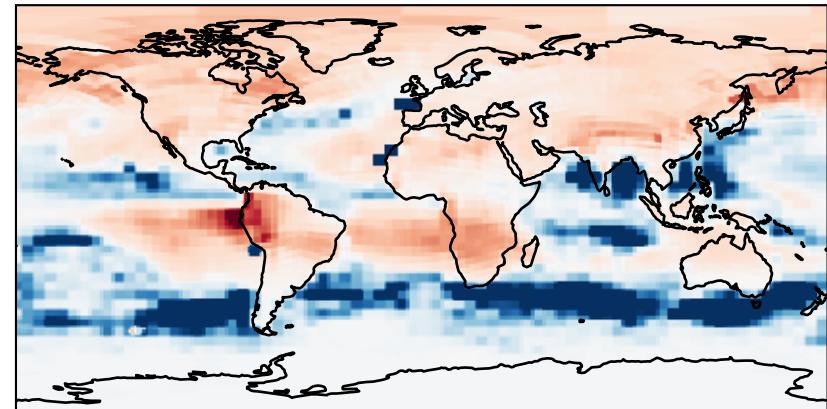
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



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

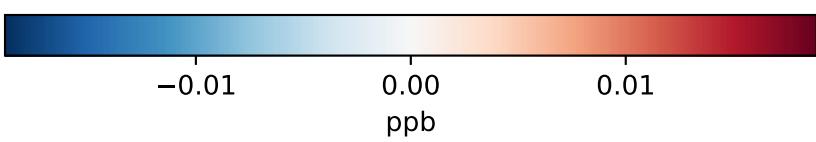
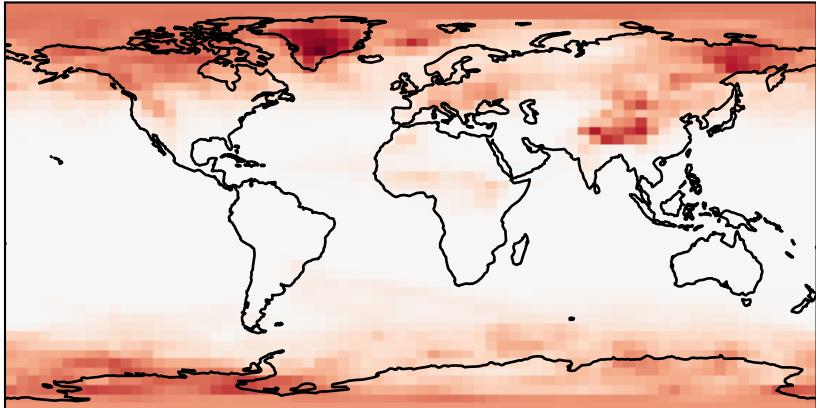


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

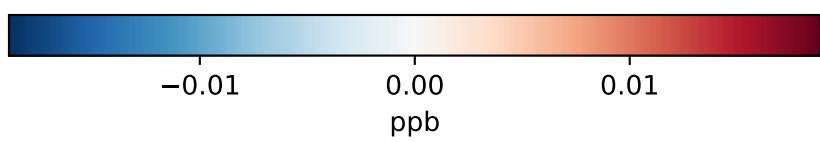
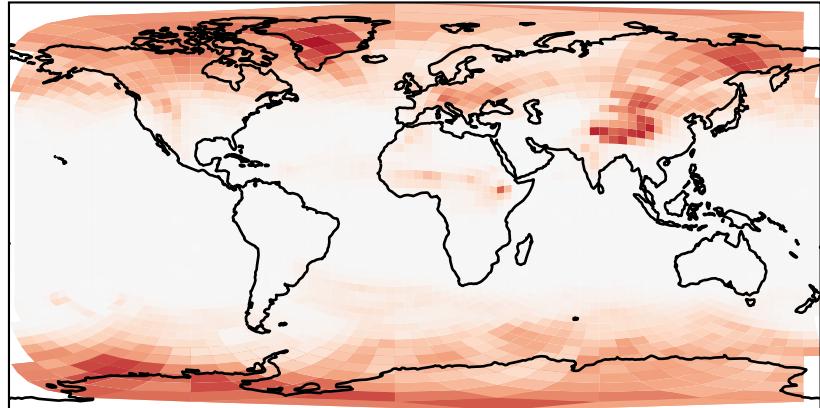


# SpeciesConcVV\_SALACL

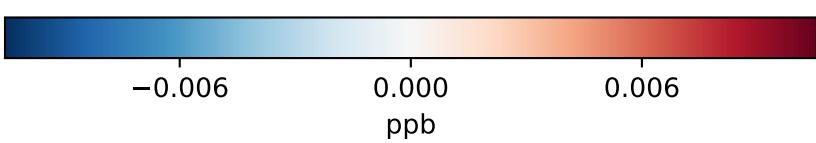
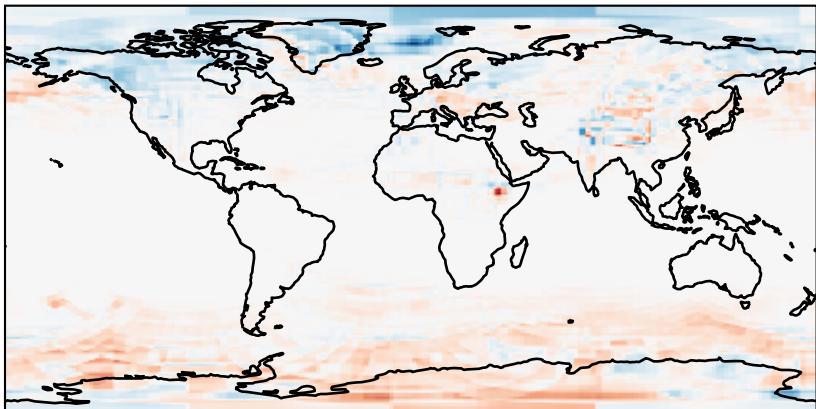
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



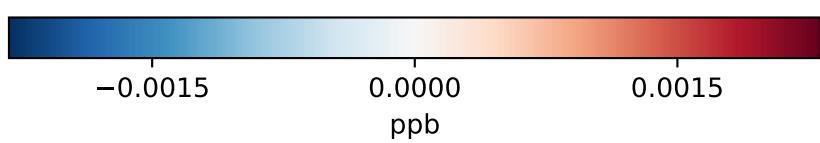
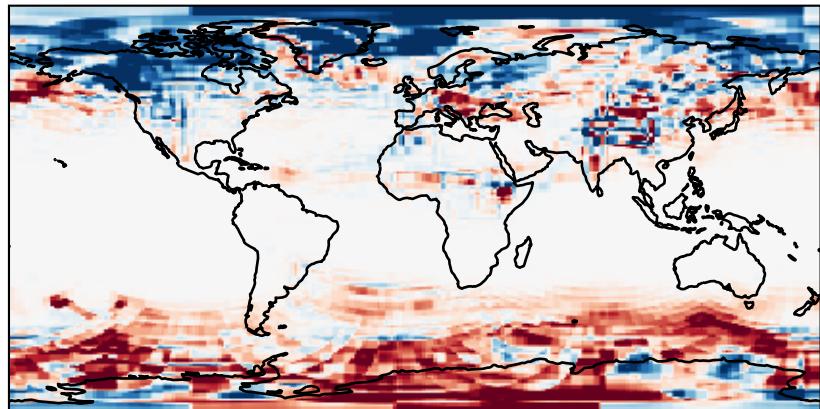
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



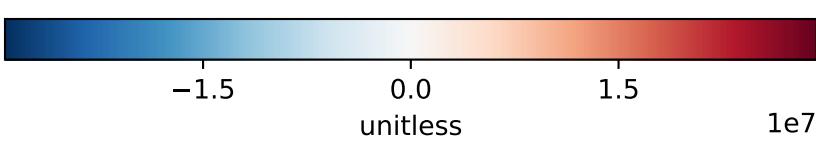
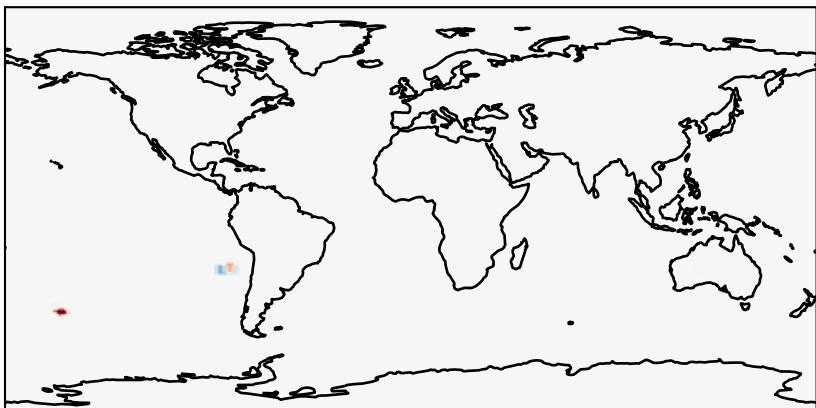
Difference (1x1.25)  
Dev - Ref, Dynamic Range



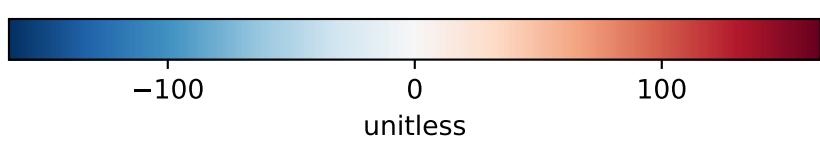
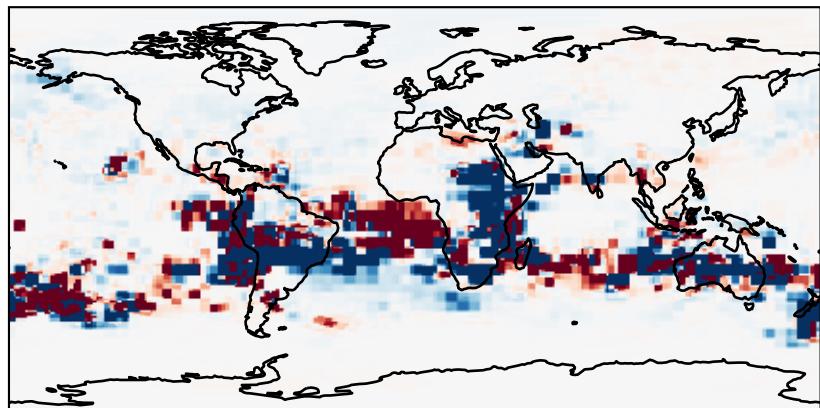
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

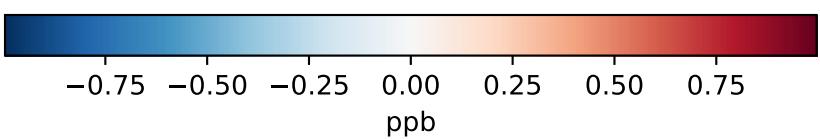
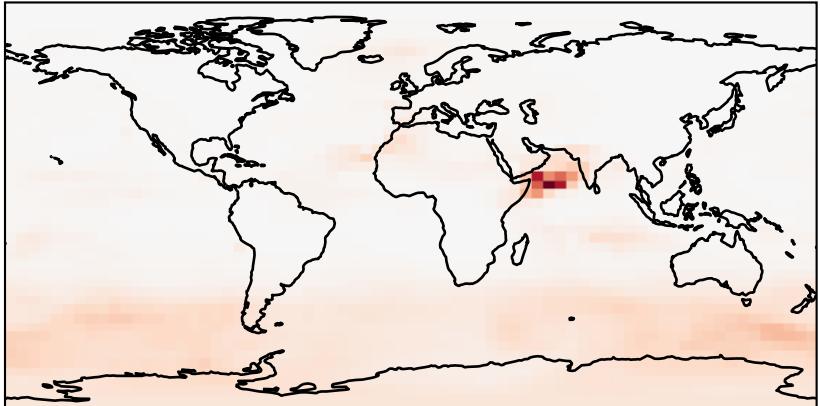


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

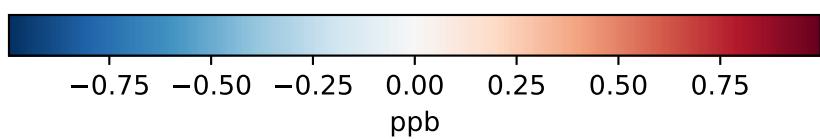
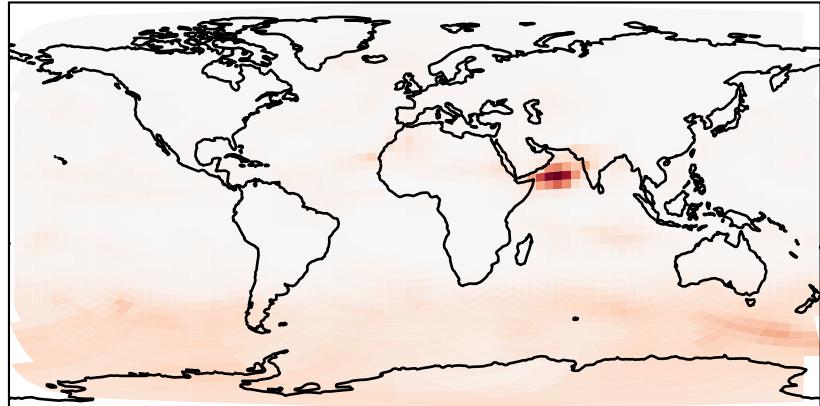


# SpeciesConcVV\_SALC

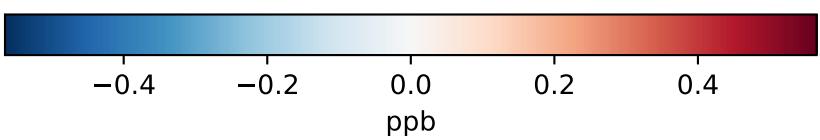
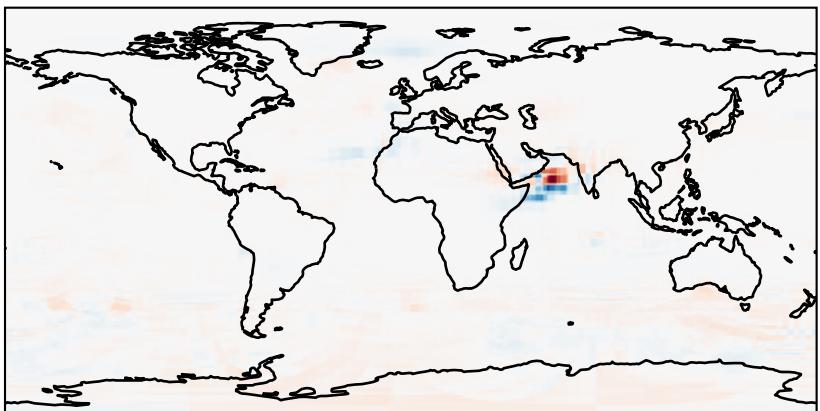
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



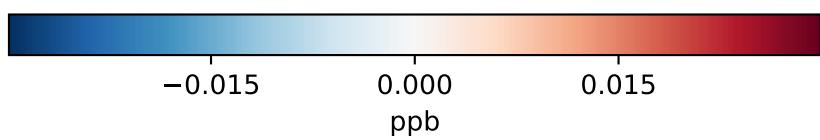
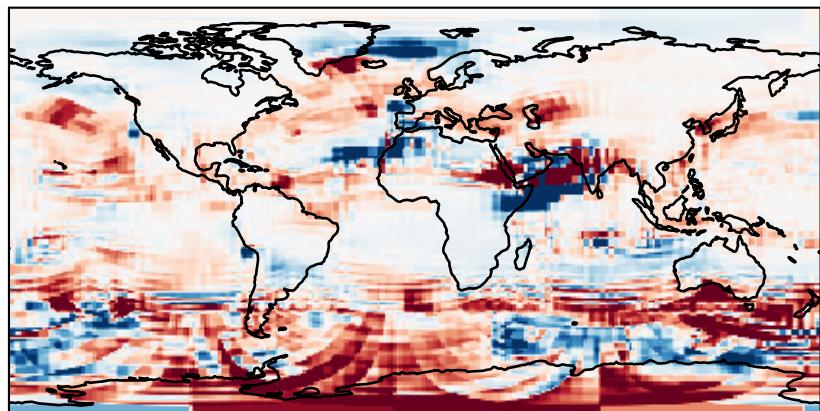
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



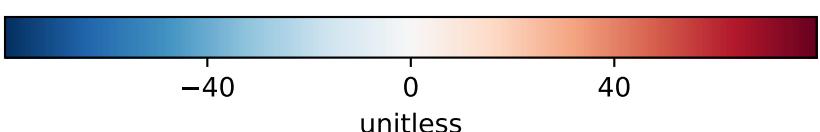
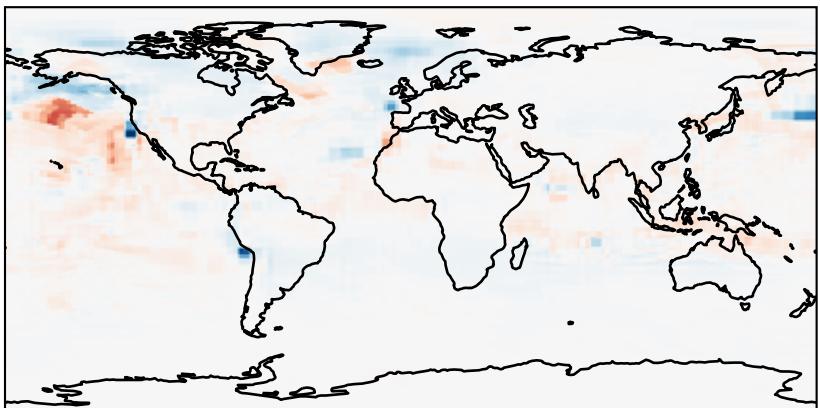
Difference (1x1.25)  
Dev - Ref, Dynamic Range



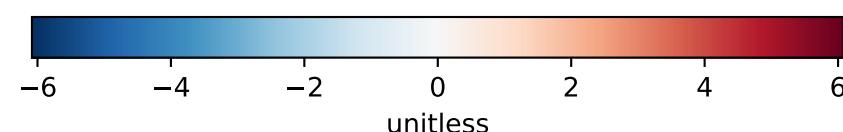
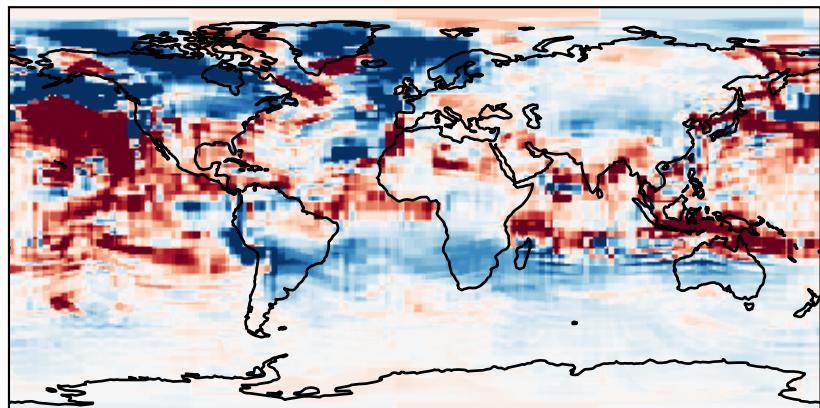
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

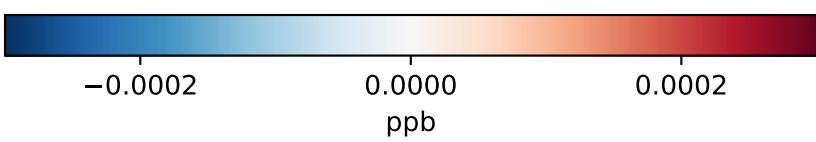
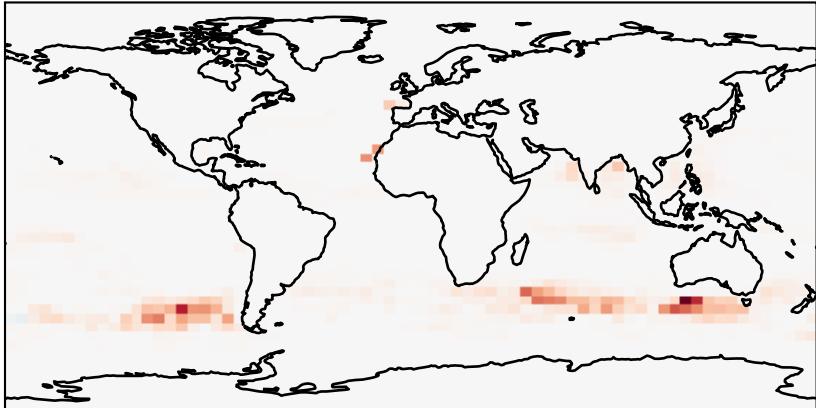


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

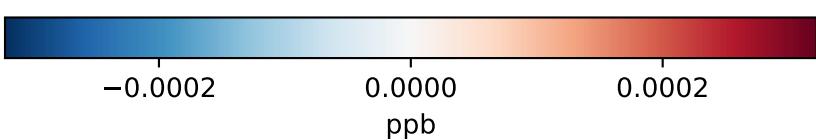
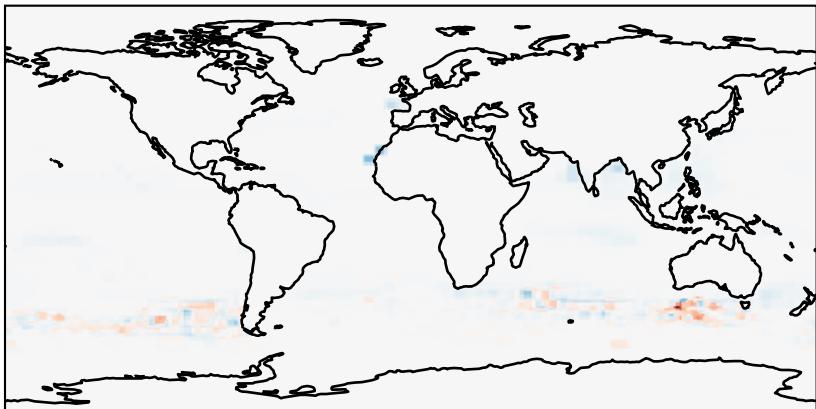


# SpeciesConcVV\_SALCAL

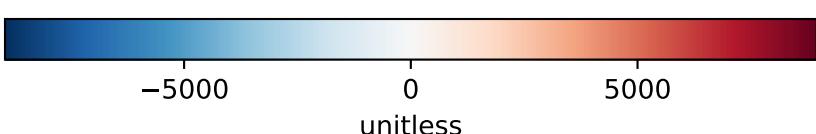
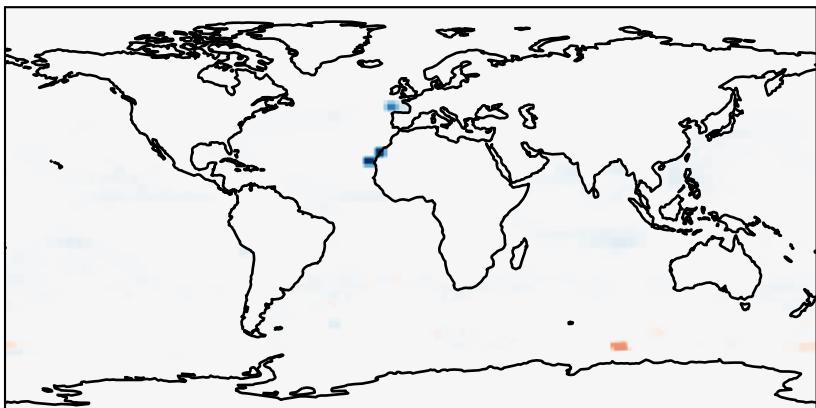
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



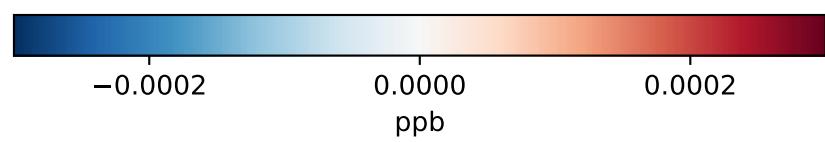
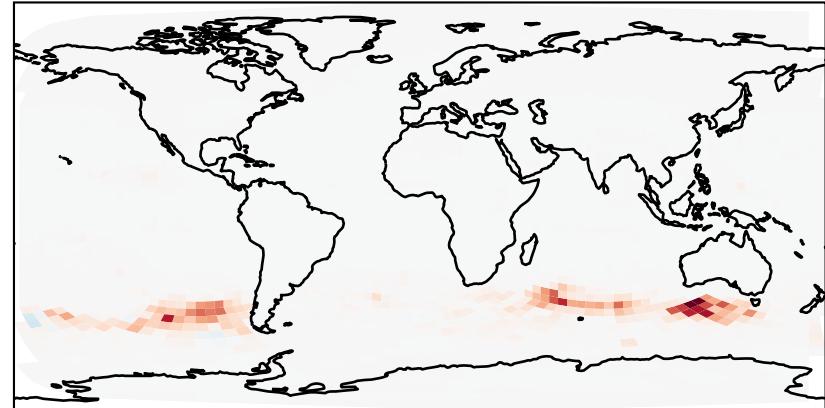
Difference (1x1.25)  
Dev - Ref, Dynamic Range



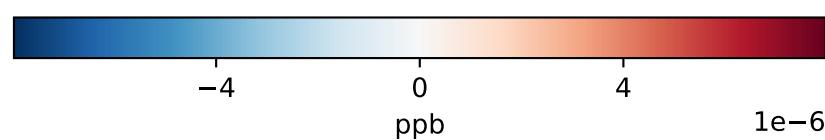
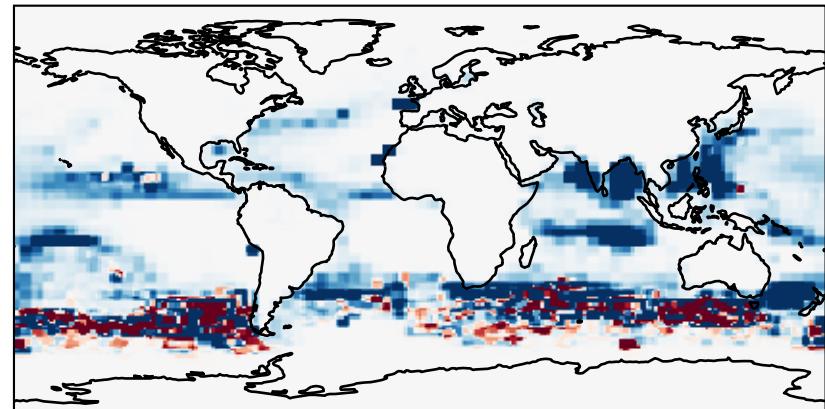
Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



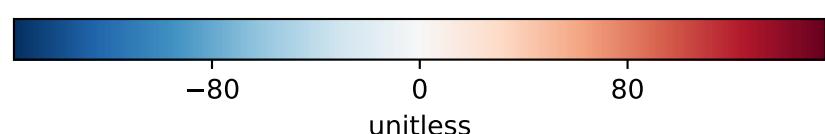
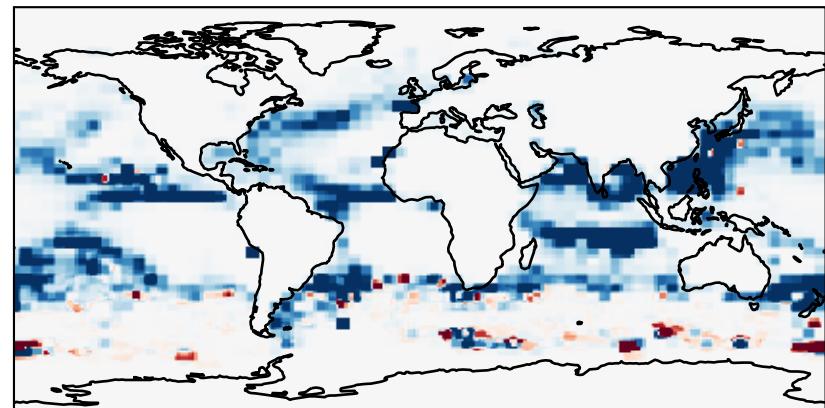
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



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

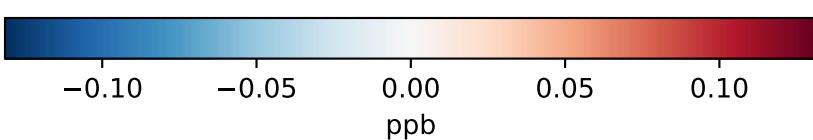
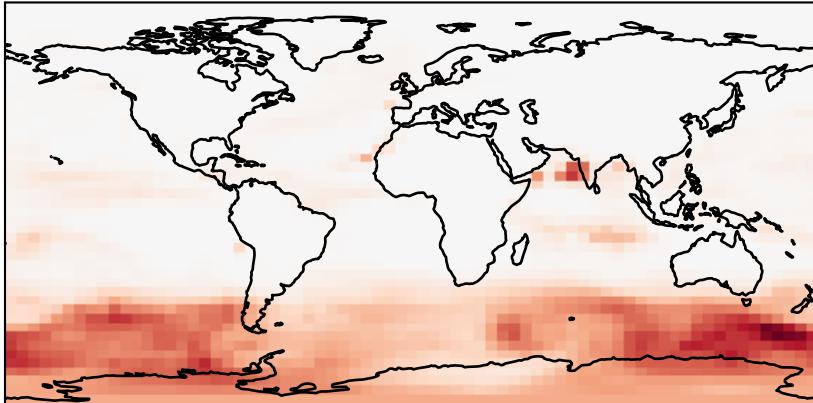


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

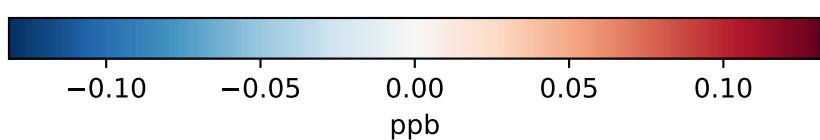
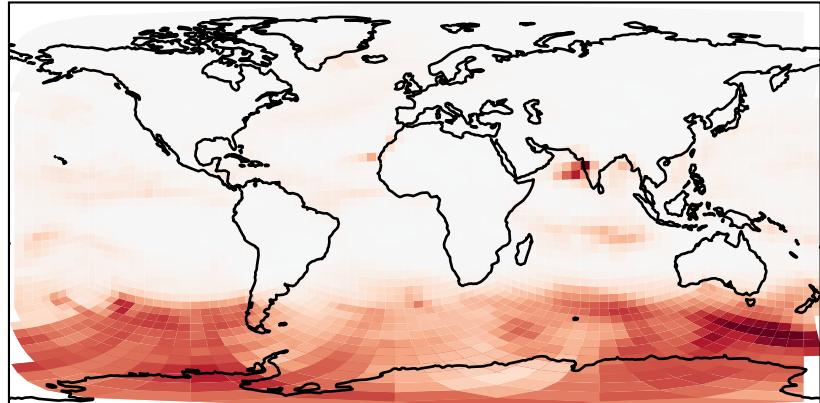


# SpeciesConcVV\_SALCCL

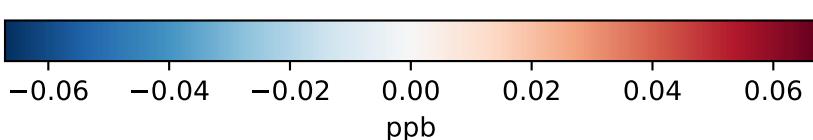
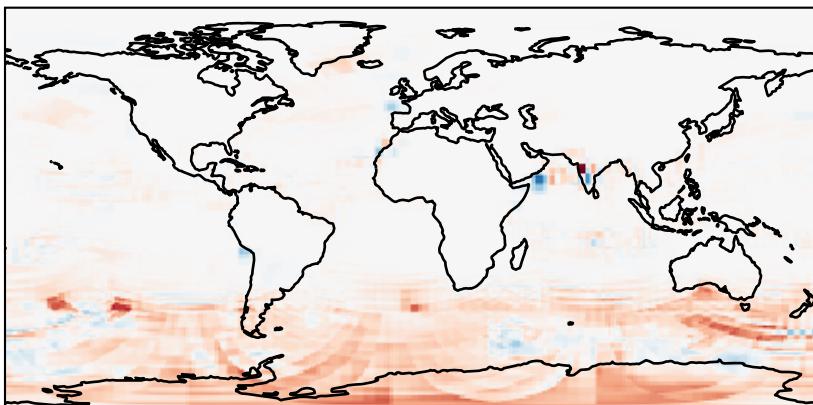
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



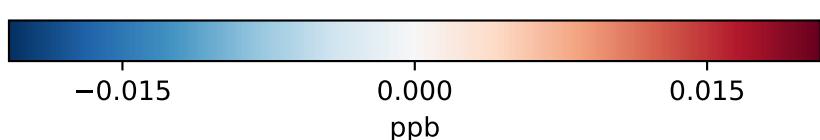
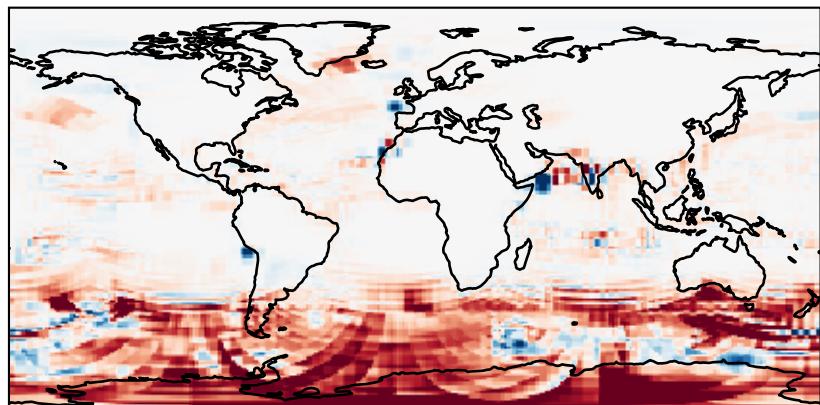
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



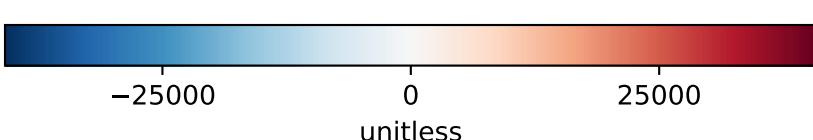
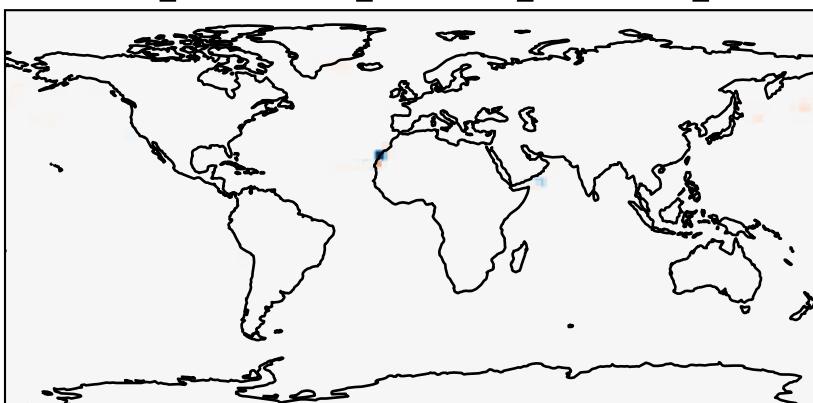
Difference (1x1.25)  
Dev - Ref, Dynamic Range



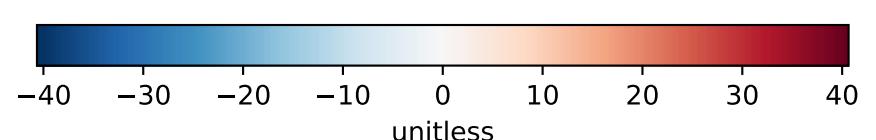
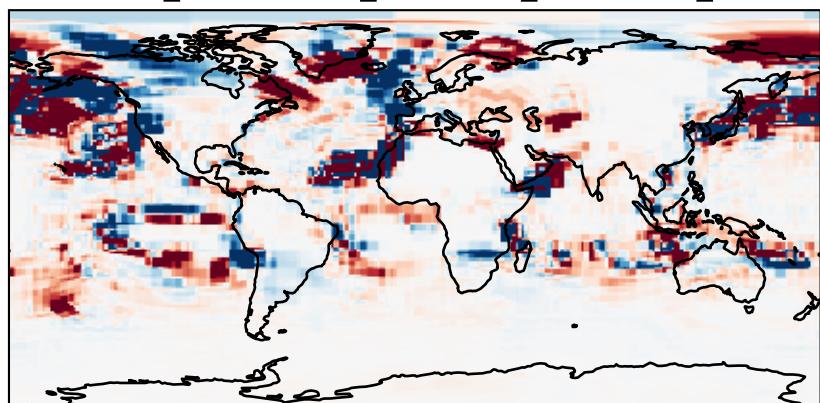
Difference (1x1.25)  
Dev - Ref, Restricted Range [5%,95%]



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

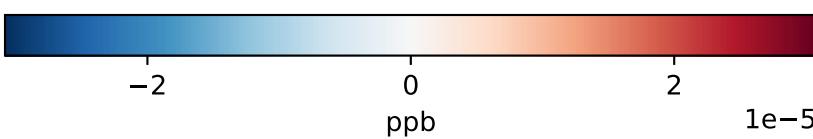
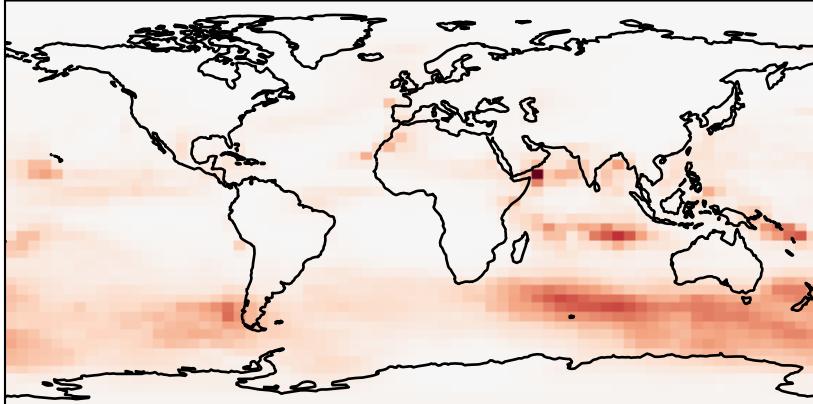


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

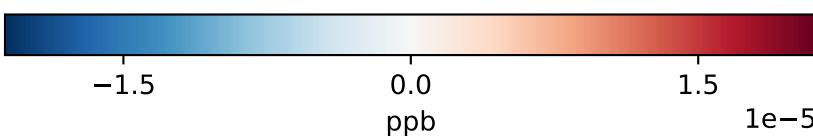
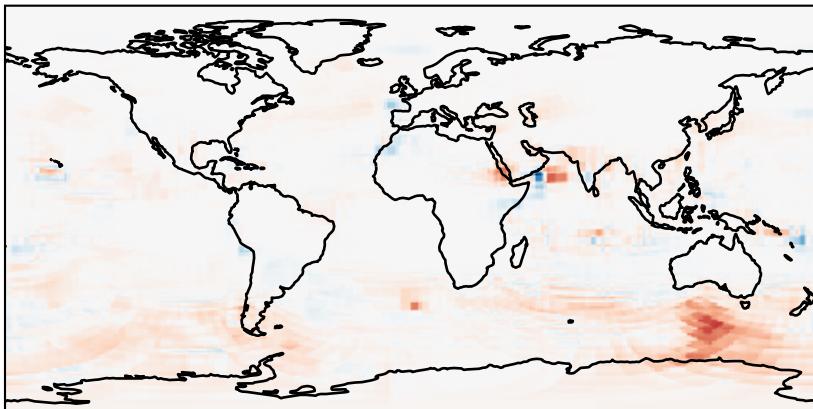


# SpeciesConcVV\_SO4s

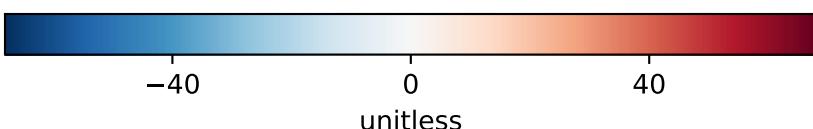
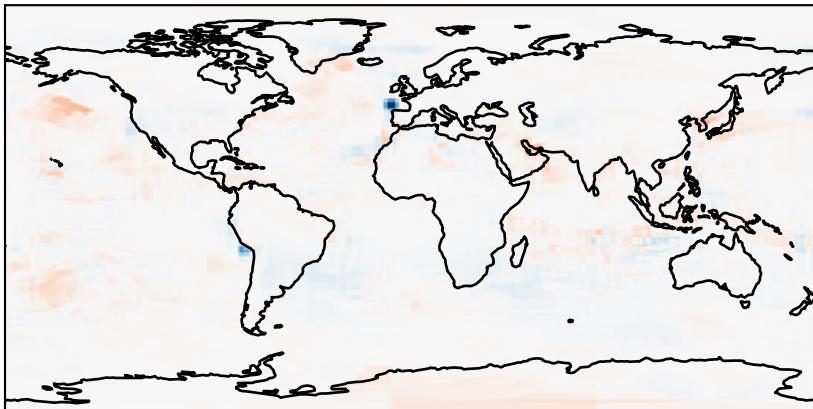
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



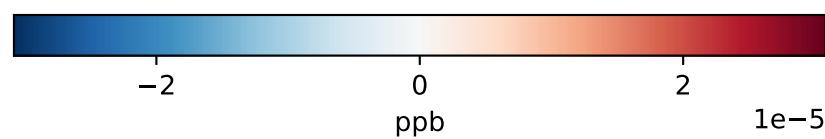
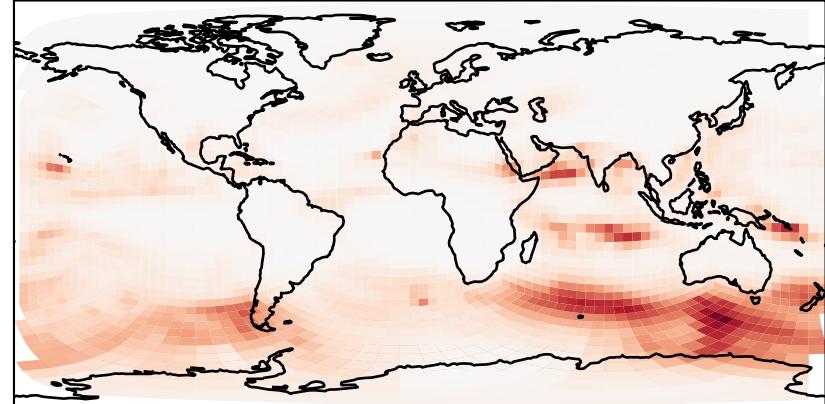
Difference (1x1.25)  
Dev - Ref, Dynamic Range



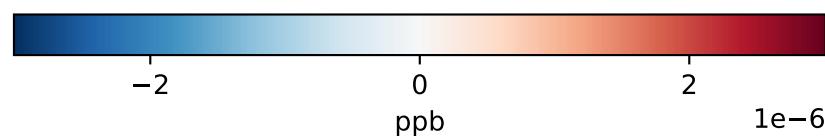
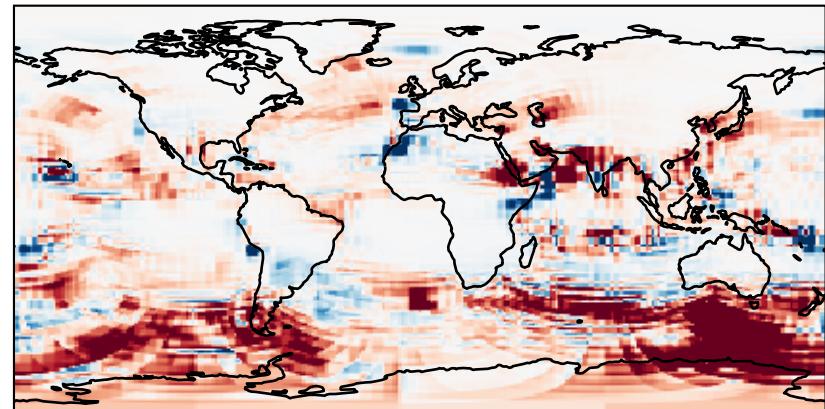
Difference (1x1.25), Dynamic Range  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref



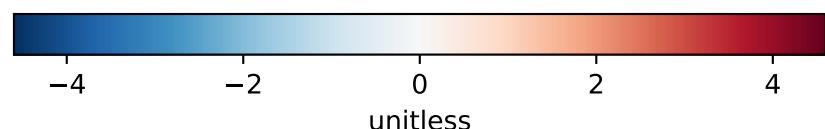
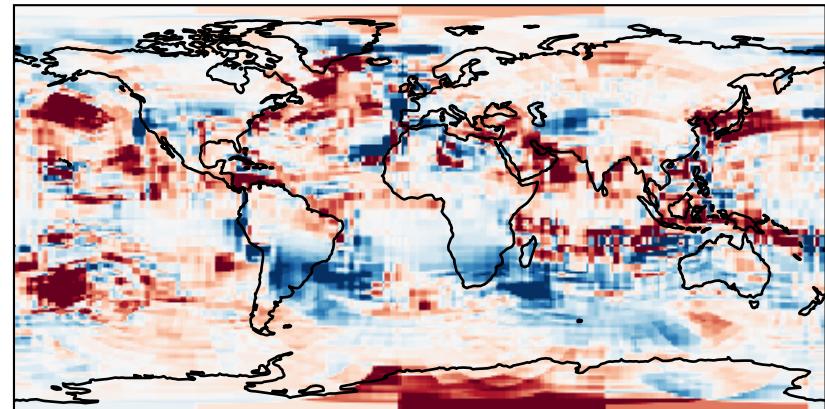
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



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

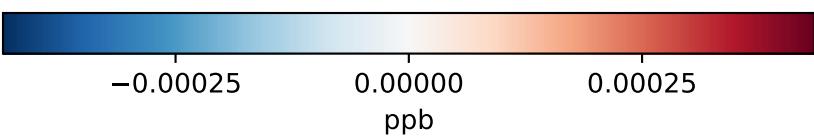
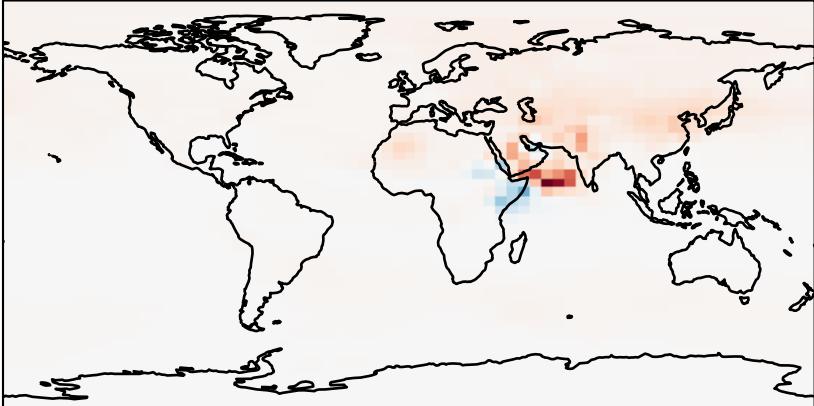


Difference (1x1.25), Restricted Range [5%,95%]  
GCHP\_dev / GCHP\_ref - GCC\_dev / GCC\_ref

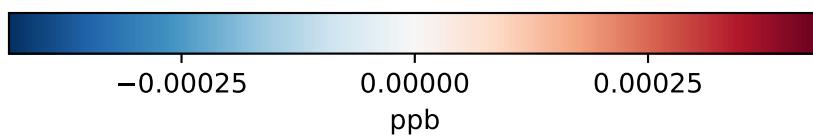
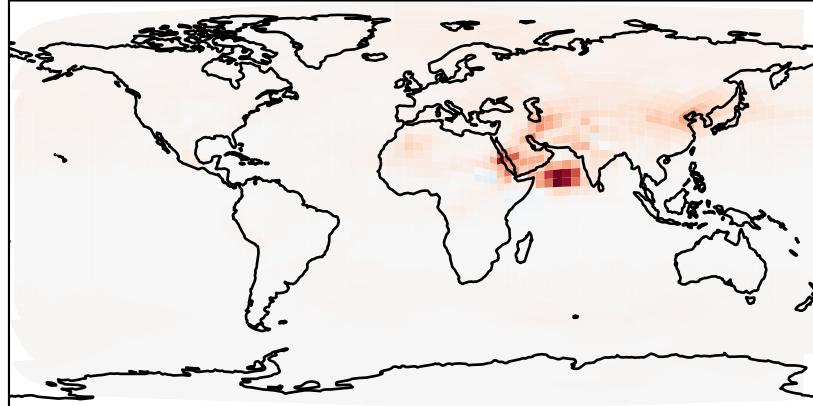


# SpeciesConcVV\_pFe

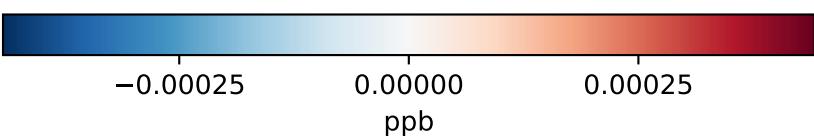
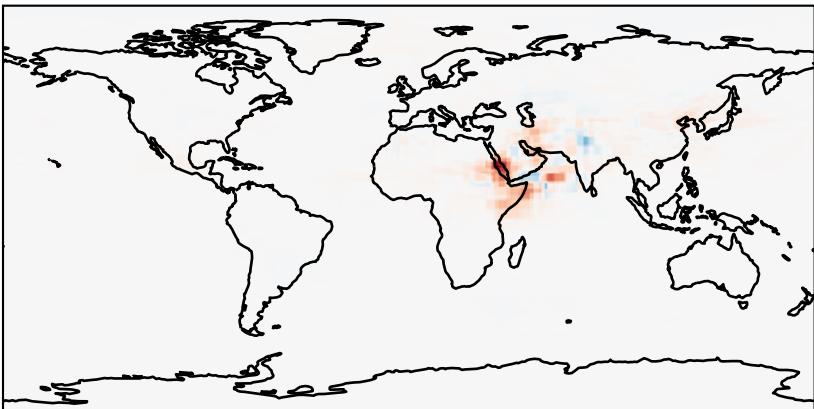
GCC\_14.2.0\_GEOS-IT - GCC\_14.2.0\_MERRA2 (Ref)  
4.0x5.0



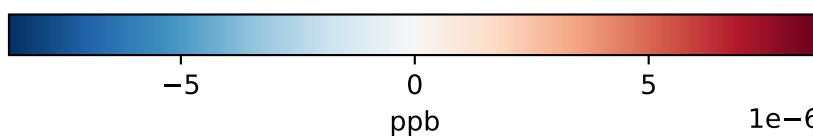
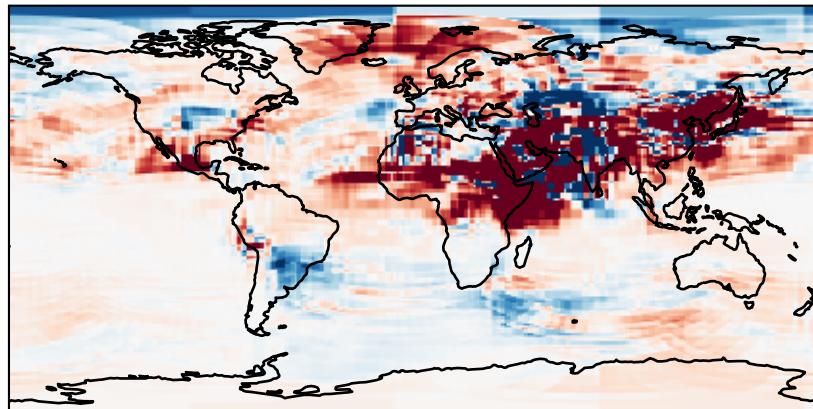
GCHP\_14.2.0\_GEOS-IT - GCHP\_14.2.0\_MERRA2 (Dev)  
c24



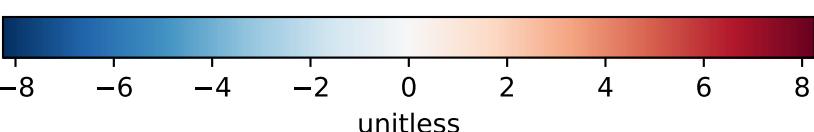
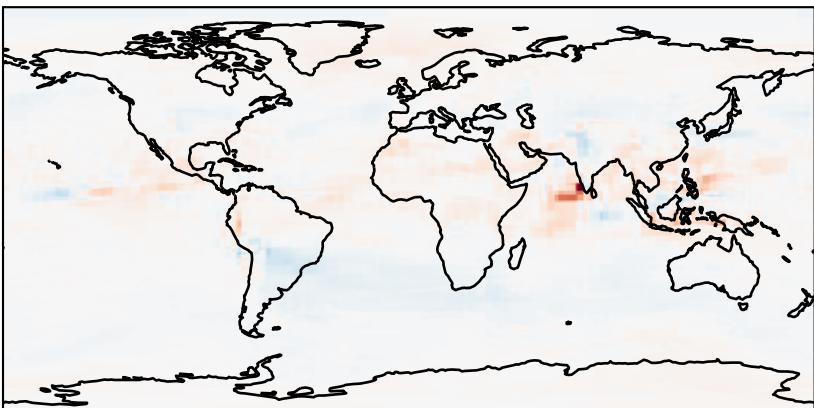
Difference (1x1.25)  
Dev - Ref, Dynamic Range



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

