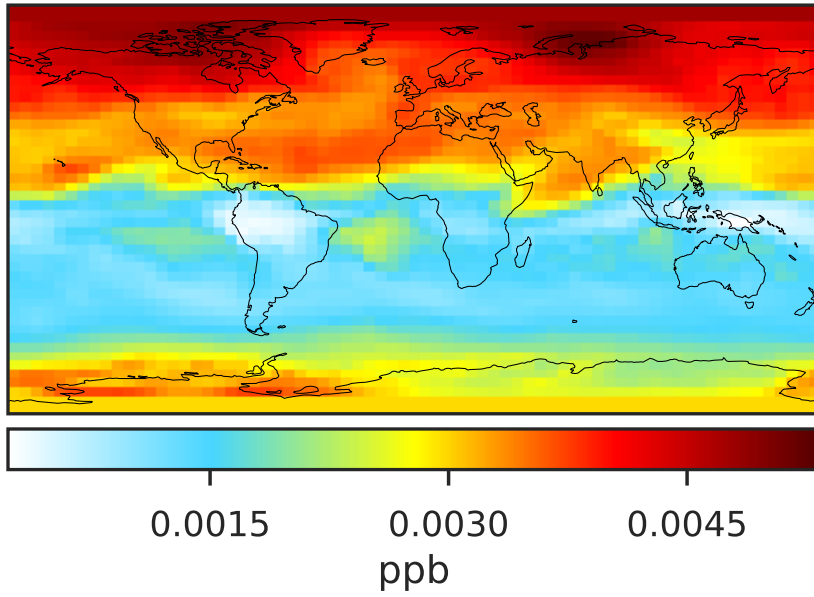
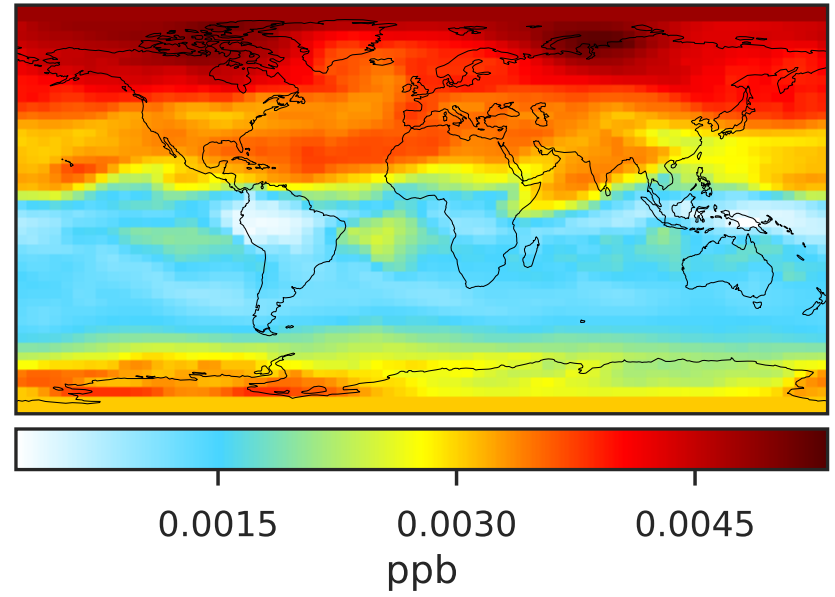


# SpeciesConcVW\_Bry (Apr2019)

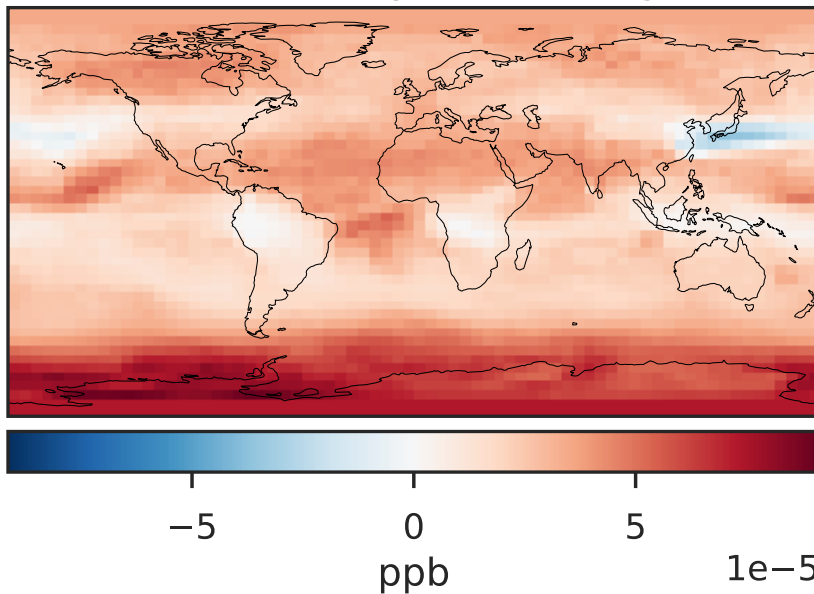
14.2.0-rc.2 (Ref)  
4.0x5.0



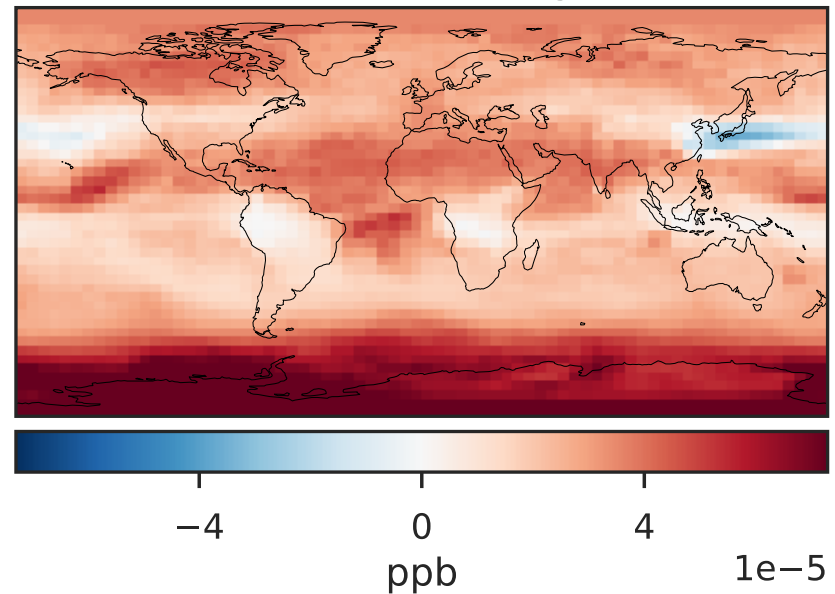
14.3.0-rc.0 (Dev)  
4.0x5.0



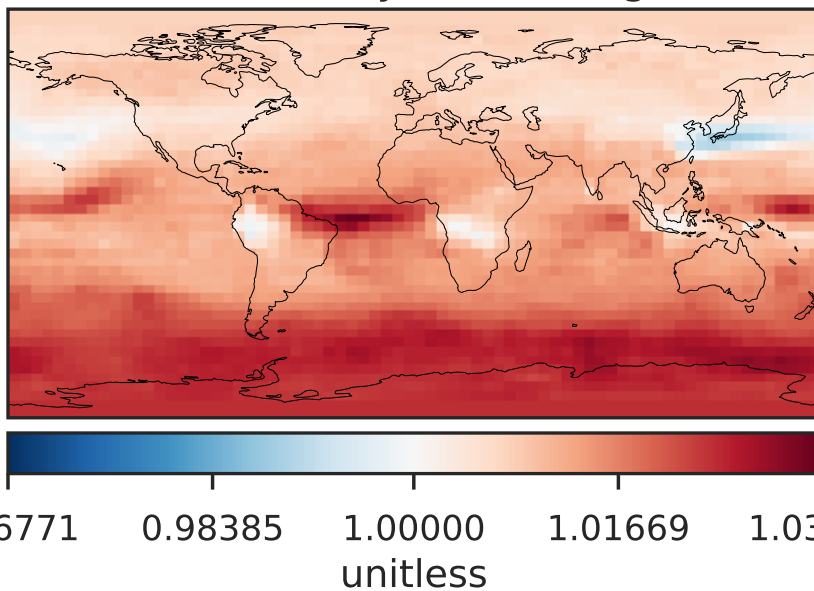
Difference  
Dev - Ref, Dynamic Range



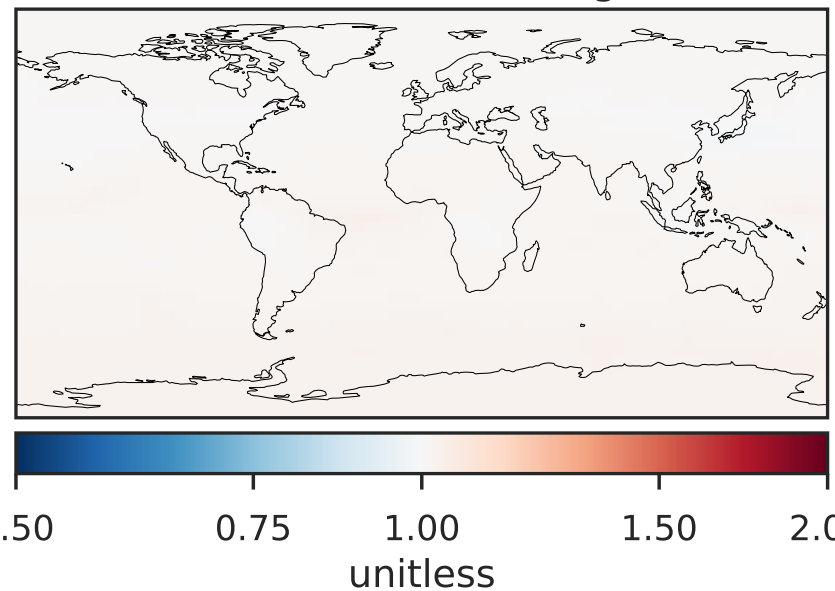
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

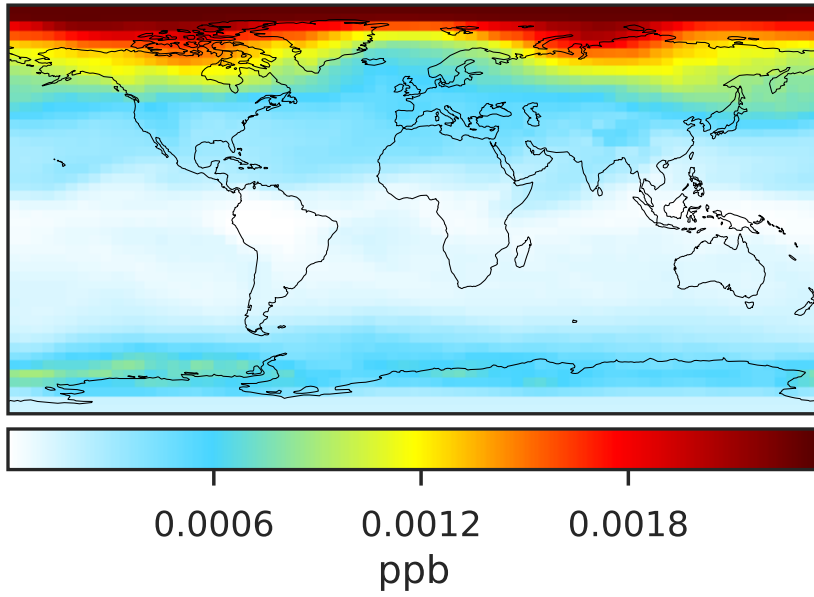


Ratio  
Dev/Ref, Fixed Range

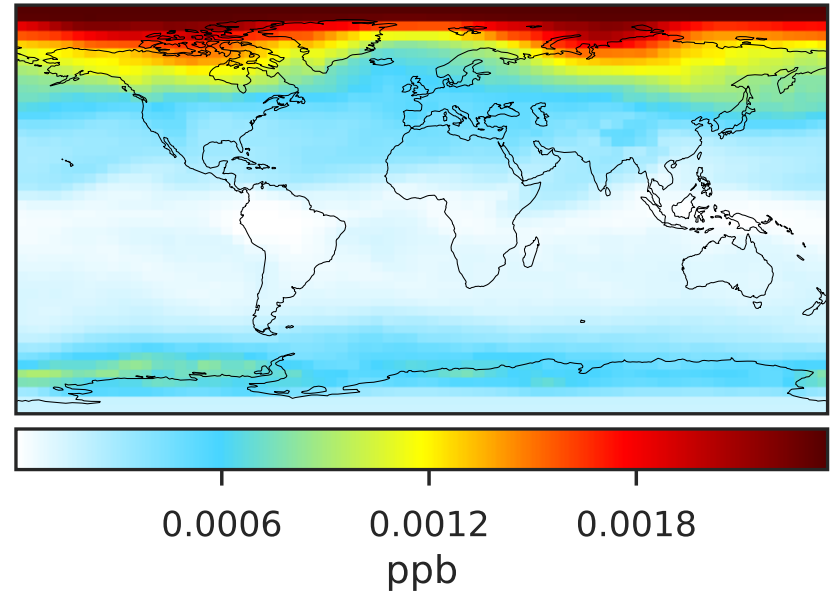


# SpeciesConcVV\_BrOx (Apr2019)

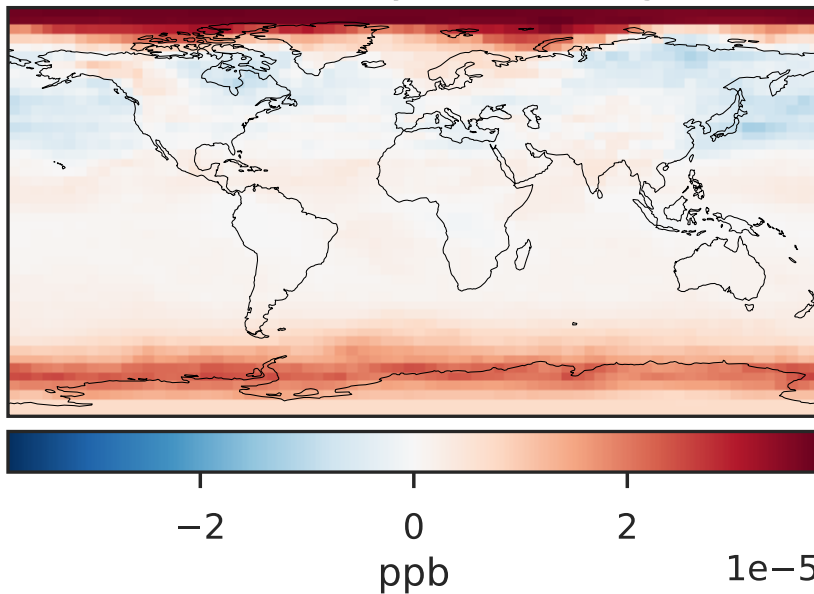
14.2.0-rc.2 (Ref)  
4.0x5.0



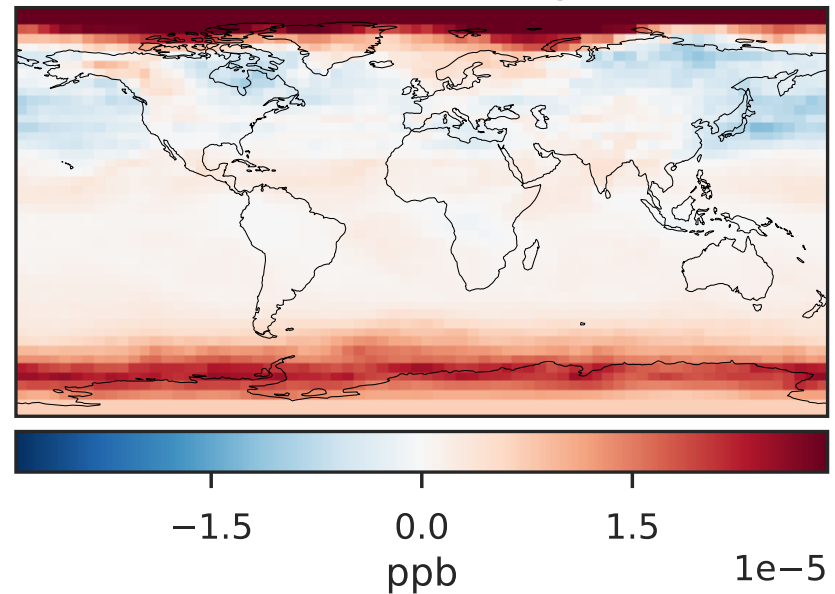
14.3.0-rc.0 (Dev)  
4.0x5.0



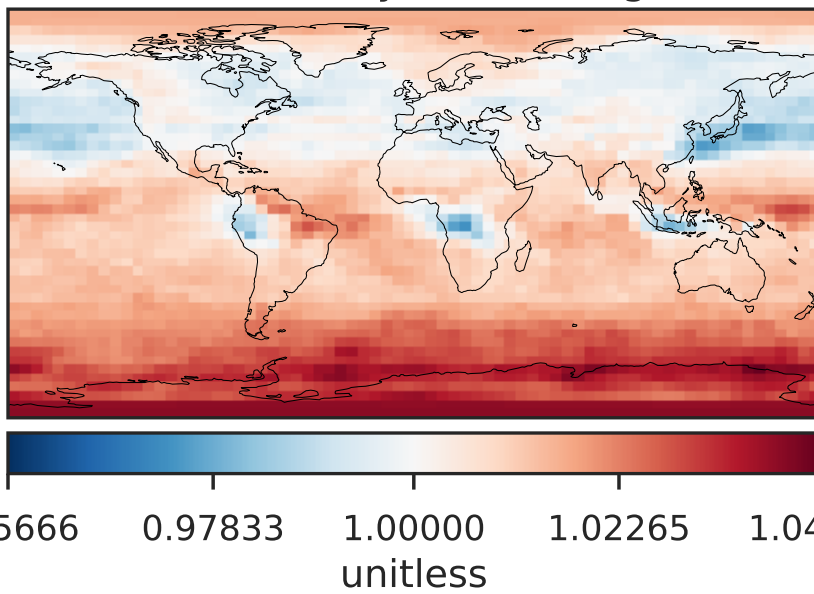
Difference  
Dev - Ref, Dynamic Range



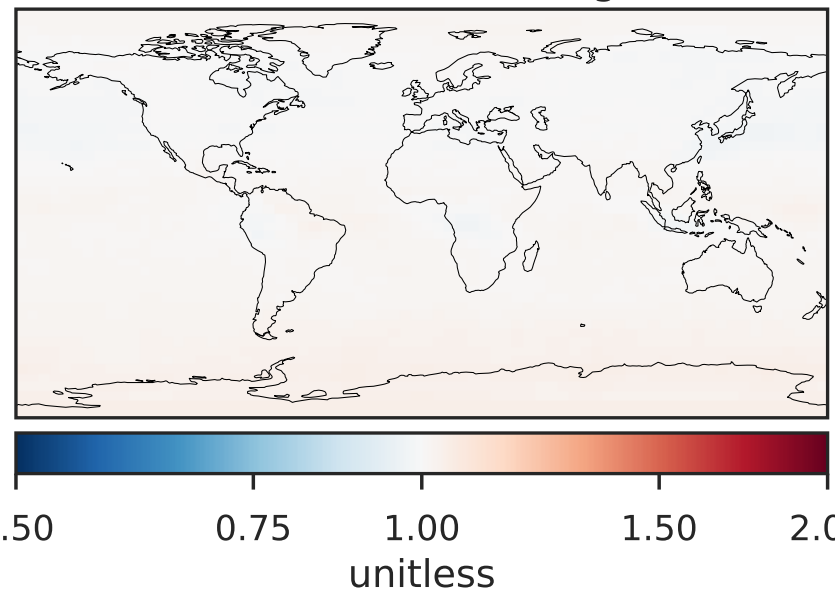
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

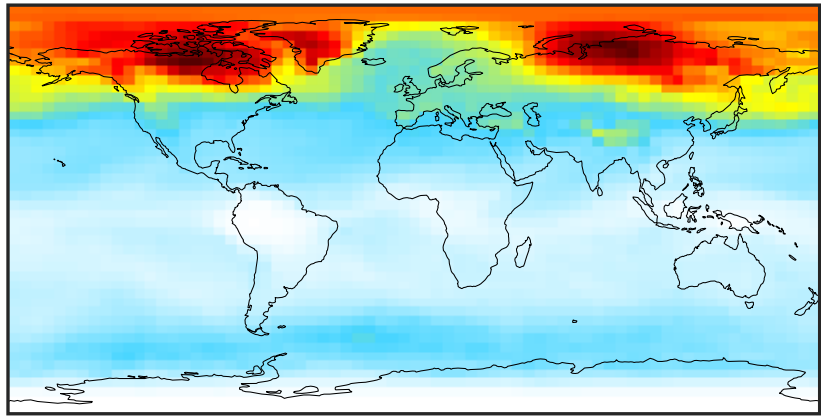


Ratio  
Dev/Ref, Fixed Range



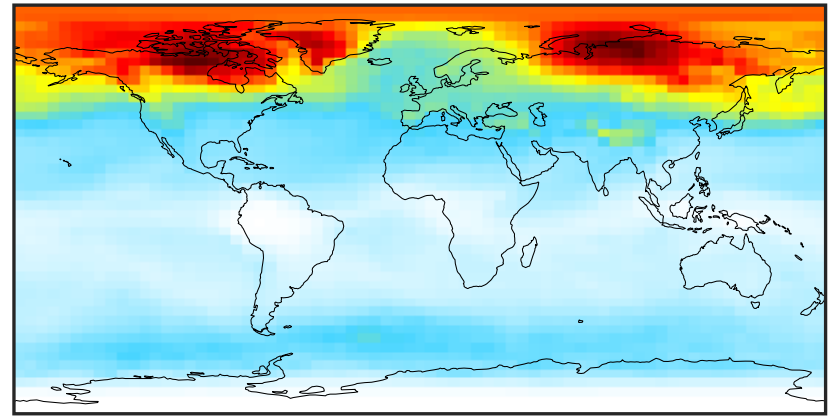
# SpeciesConcVV\_Br (Apr2019)

14.2.0-rc.2 (Ref)  
4.0x5.0



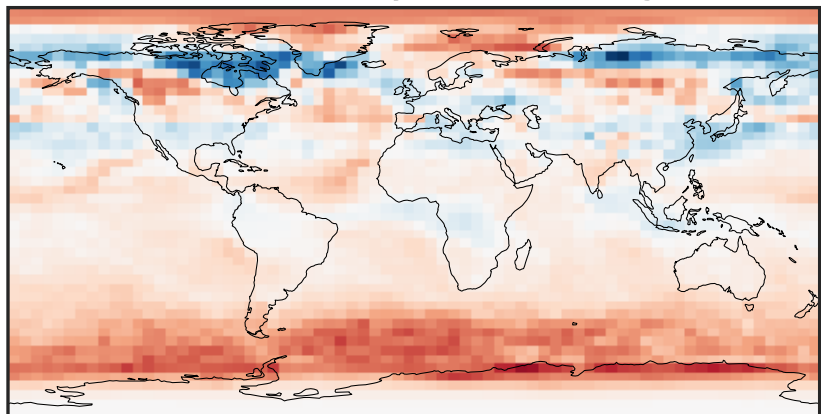
0.00004 0.00008 0.00012  
ppb

14.3.0-rc.0 (Dev)  
4.0x5.0



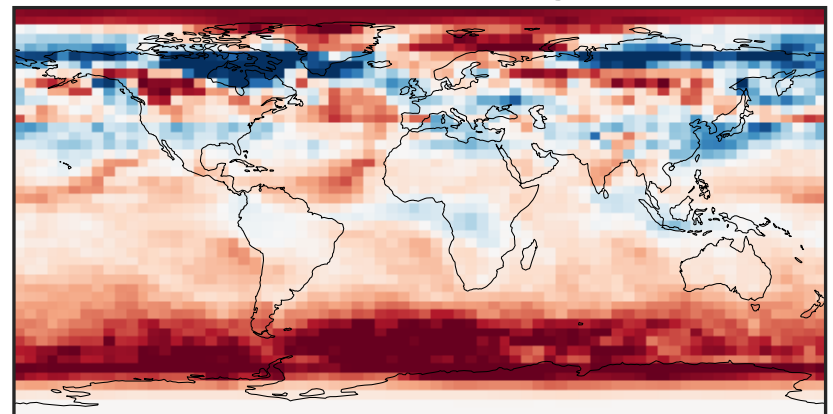
0.00004 0.00008 0.00012  
ppb

Difference  
Dev - Ref, Dynamic Range



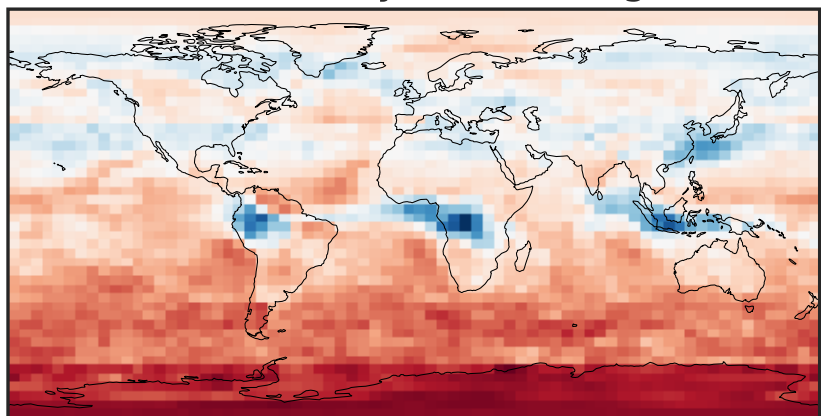
-8 0 8  
ppb  $1e-7$

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



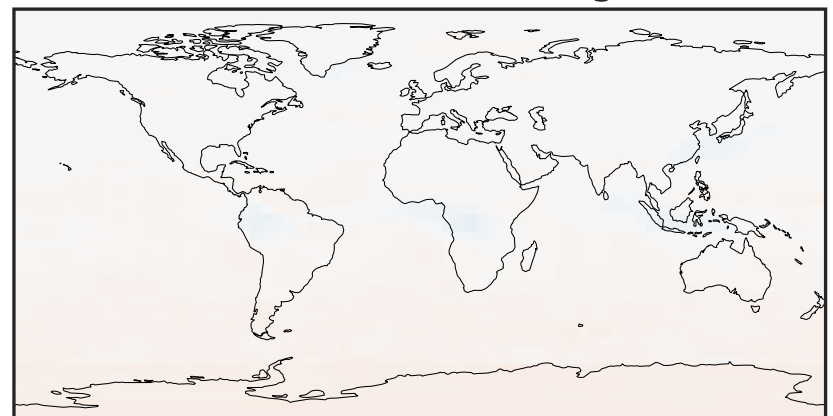
-4 0 4  
ppb  $1e-7$

Ratio  
Dev/Ref, Dynamic Range



0.9500 0.9750 1.0000 1.0263 1.0526  
unitless

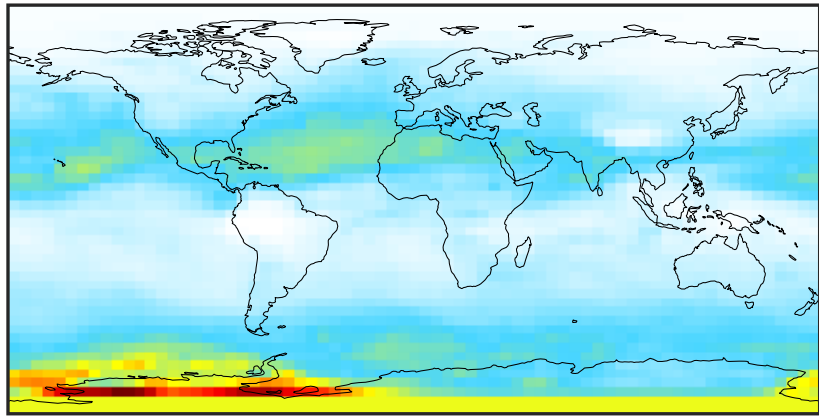
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

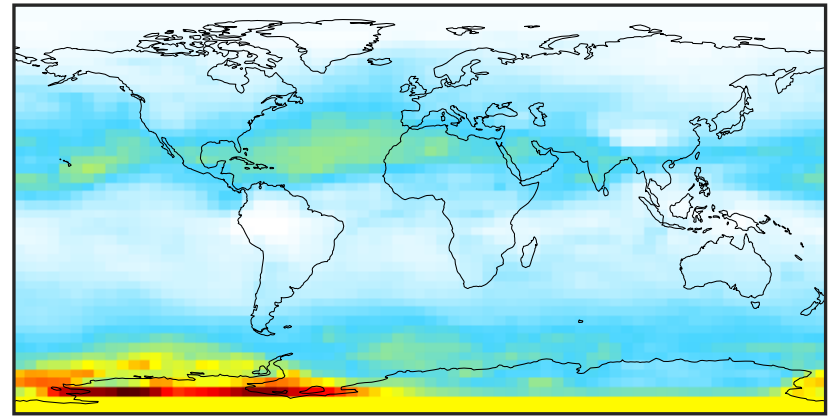
# SpeciesConcVW\_Br2 (Apr2019)

14.2.0-rc.2 (Ref)  
4.0x5.0



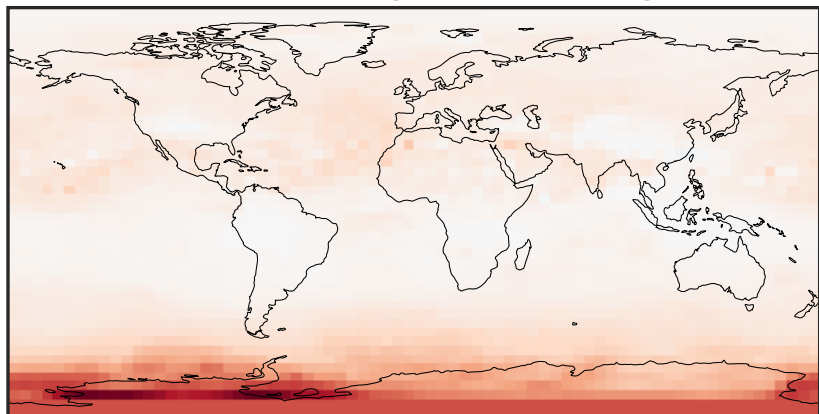
0.0002 0.0004 0.0006  
ppb

14.3.0-rc.0 (Dev)  
4.0x5.0



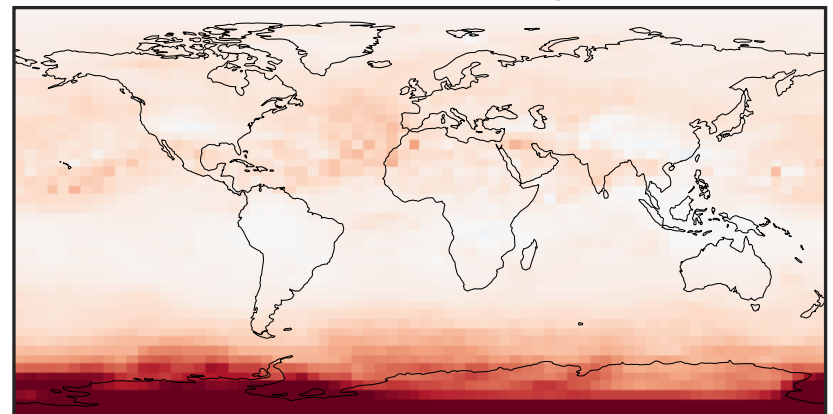
0.0002 0.0004 0.0006  
ppb

Difference  
Dev - Ref, Dynamic Range



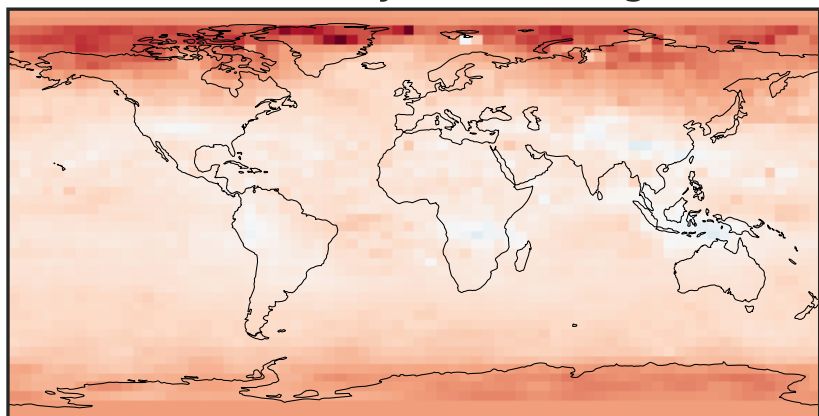
-1.5 0.0 1.5  
ppb  $1e-5$

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



-1 0 1  
ppb  $1e-5$

Ratio  
Dev/Ref, Dynamic Range



0.8629 0.9314 1.0000 1.0795 1.1589  
unitless

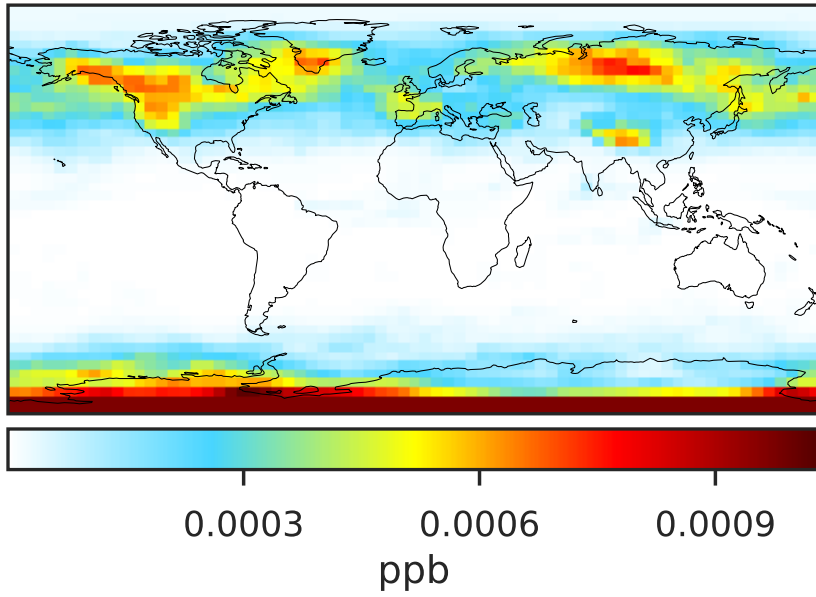
Ratio  
Dev/Ref, Fixed Range



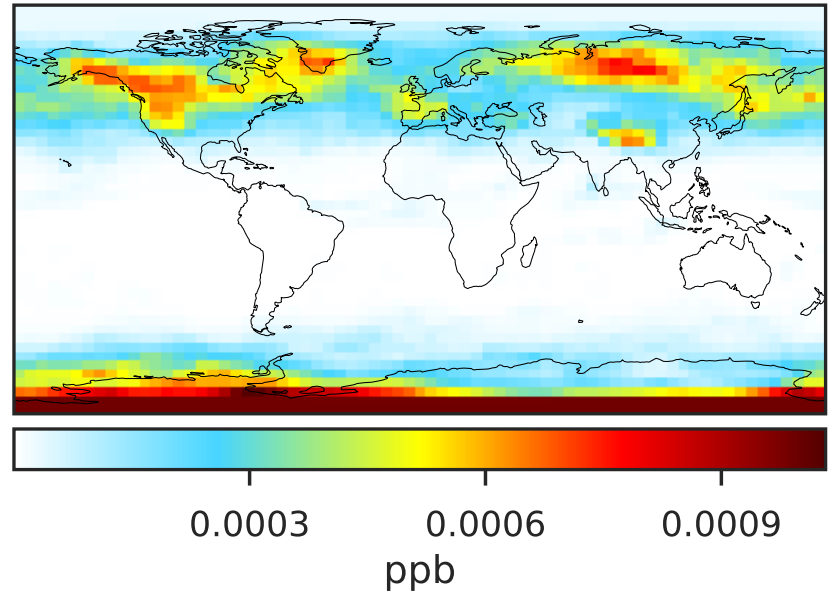
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_BrCl (Apr2019)

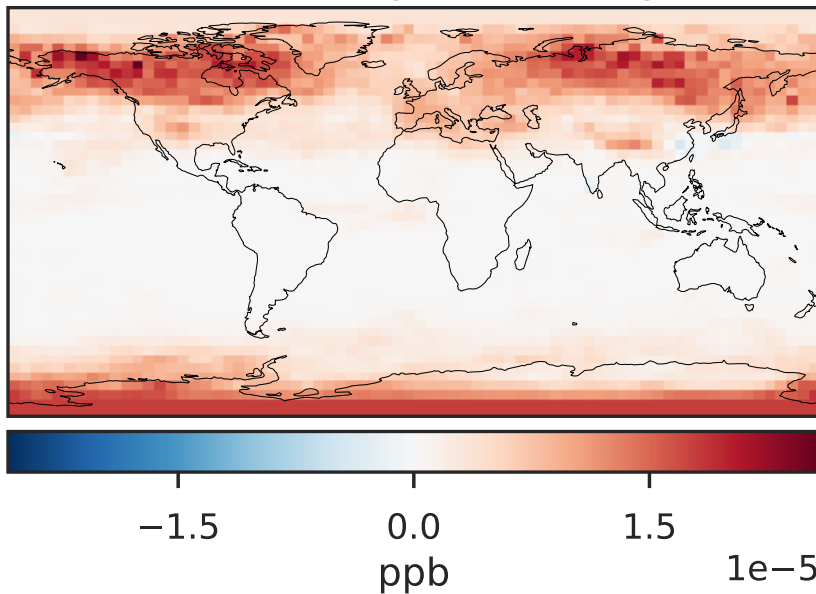
14.2.0-rc.2 (Ref)  
4.0x5.0



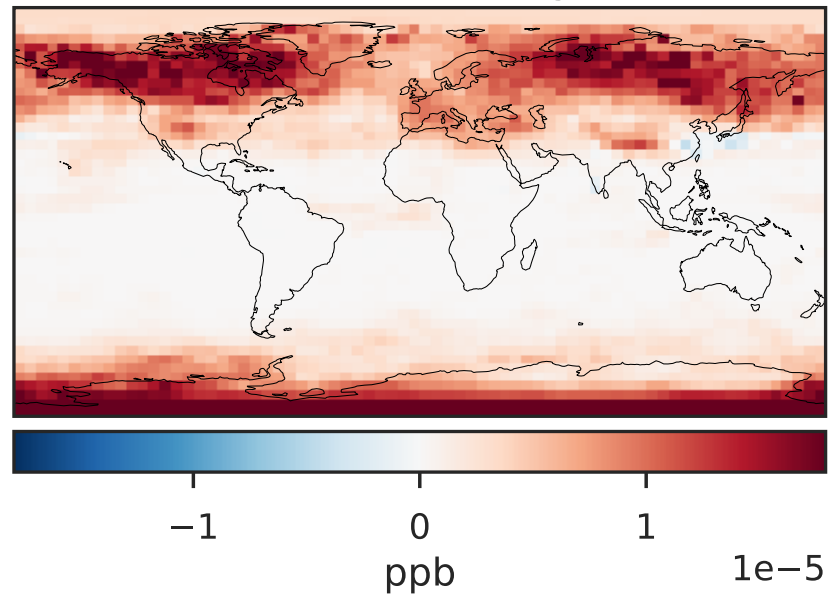
14.3.0-rc.0 (Dev)  
4.0x5.0



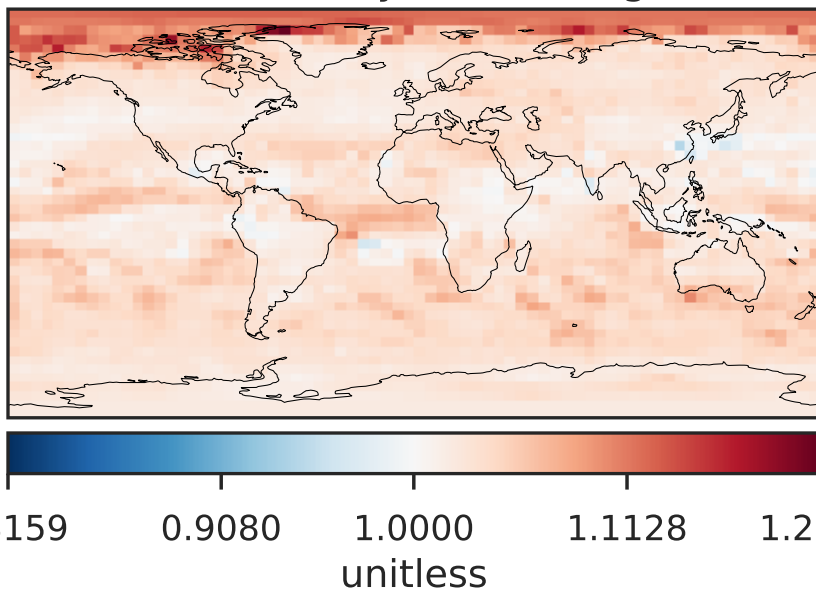
Difference  
Dev - Ref, Dynamic Range



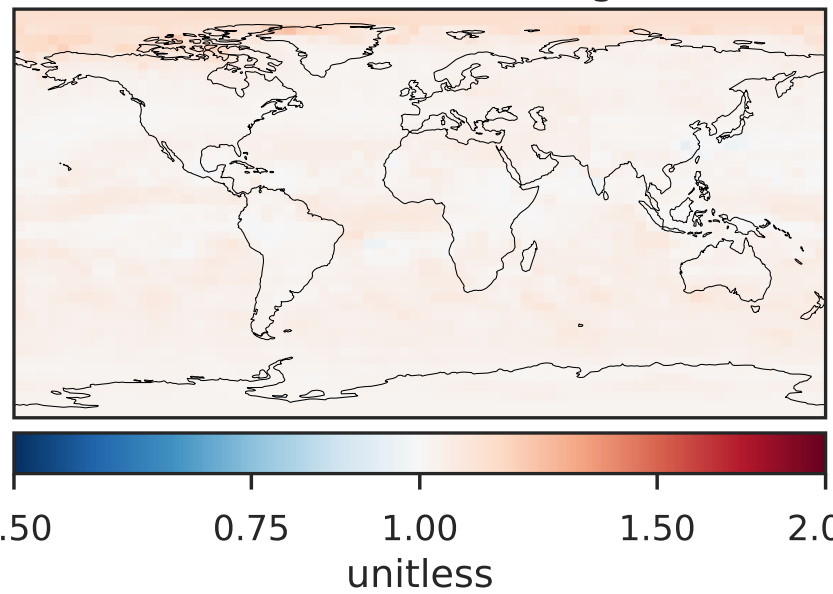
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

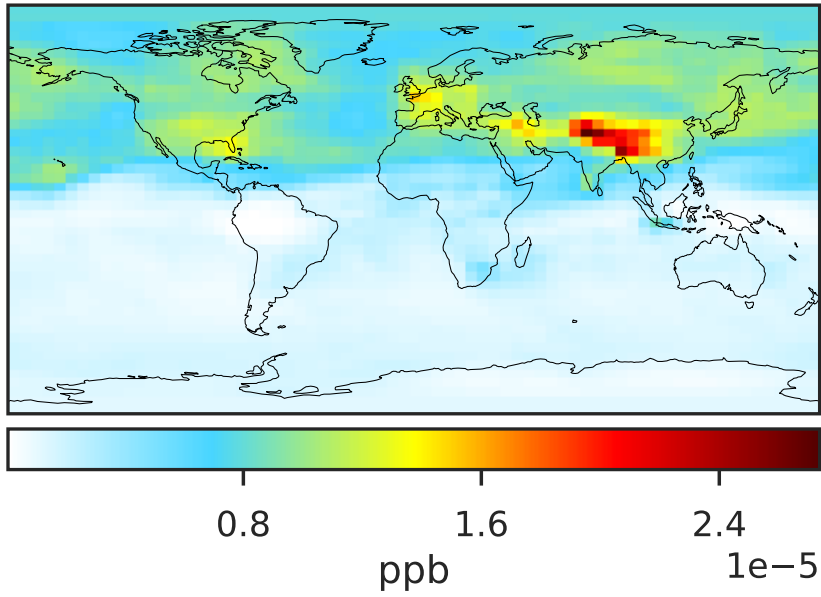


Ratio  
Dev/Ref, Fixed Range

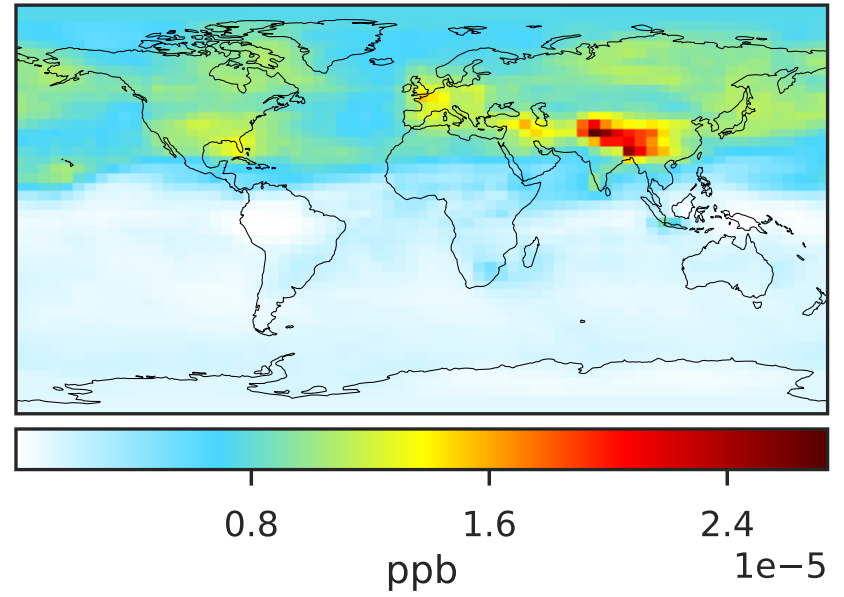


# SpeciesConcVV\_BrNO2 (Apr2019)

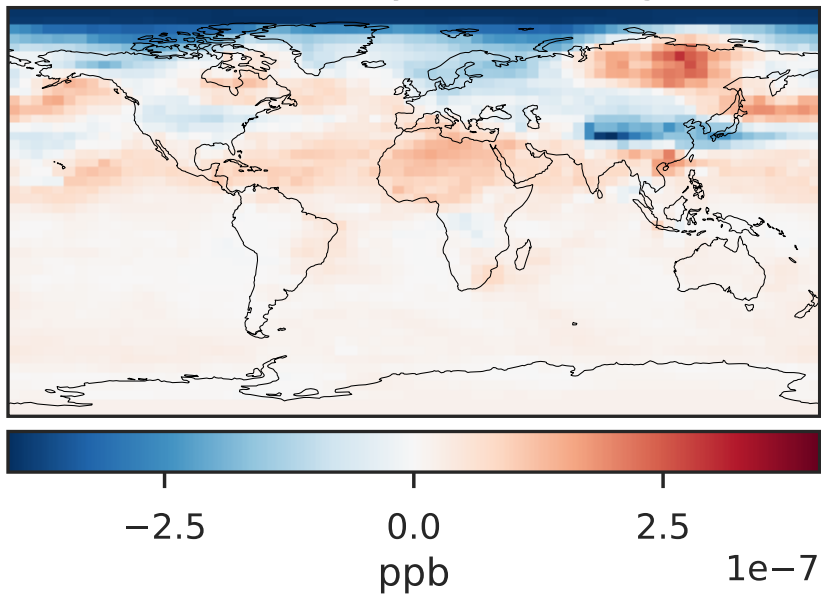
14.2.0-rc.2 (Ref)  
4.0x5.0



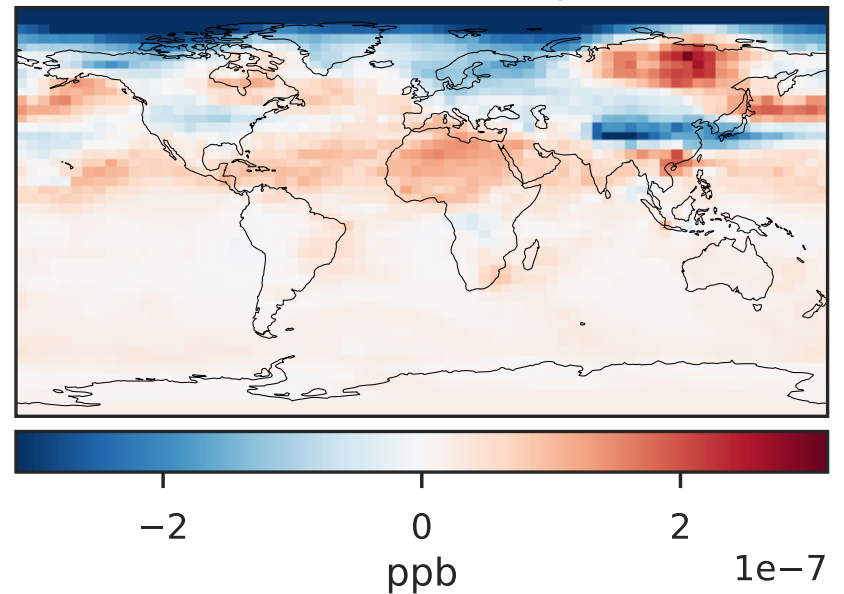
14.3.0-rc.0 (Dev)  
4.0x5.0



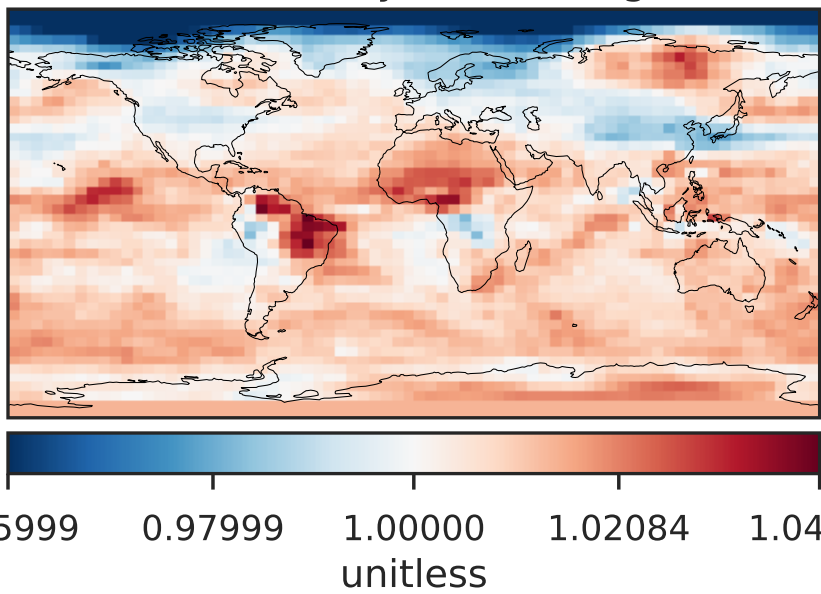
Difference  
Dev - Ref, Dynamic Range



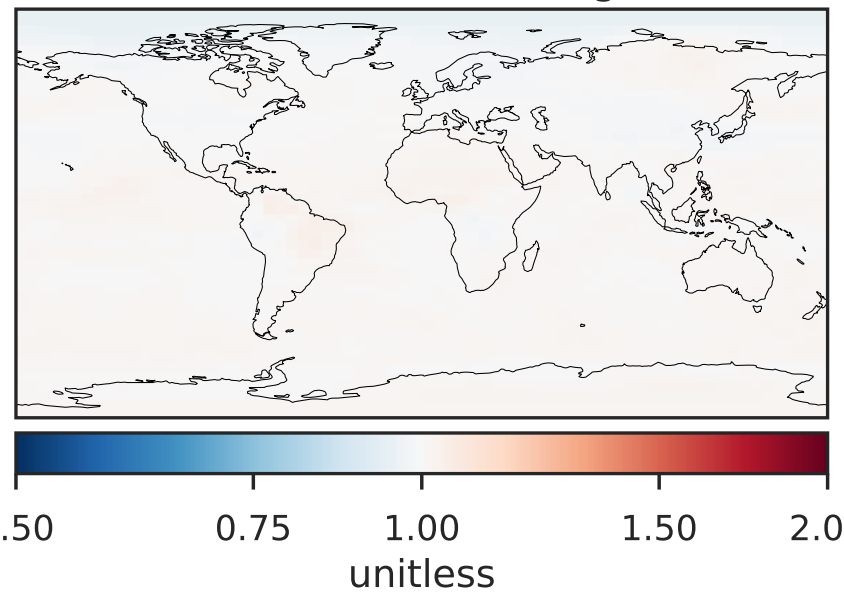
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

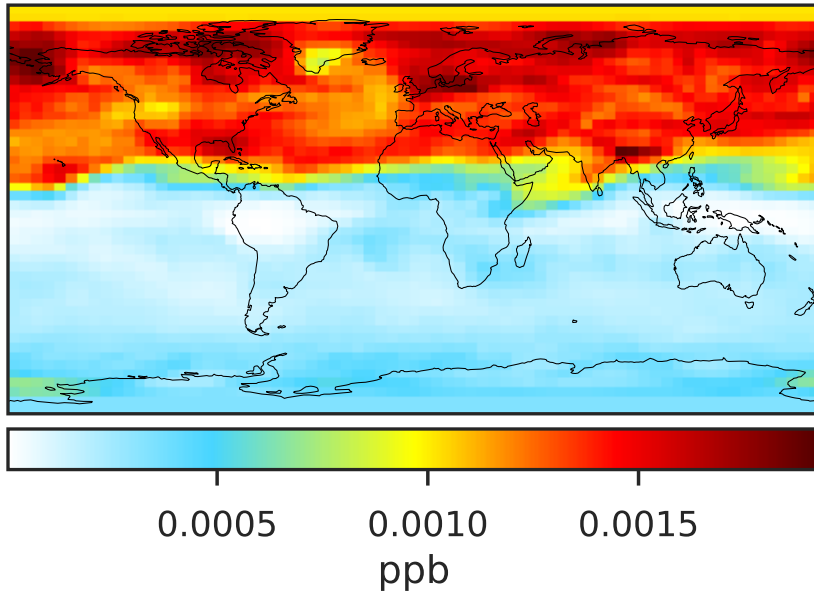


Ratio  
Dev/Ref, Fixed Range

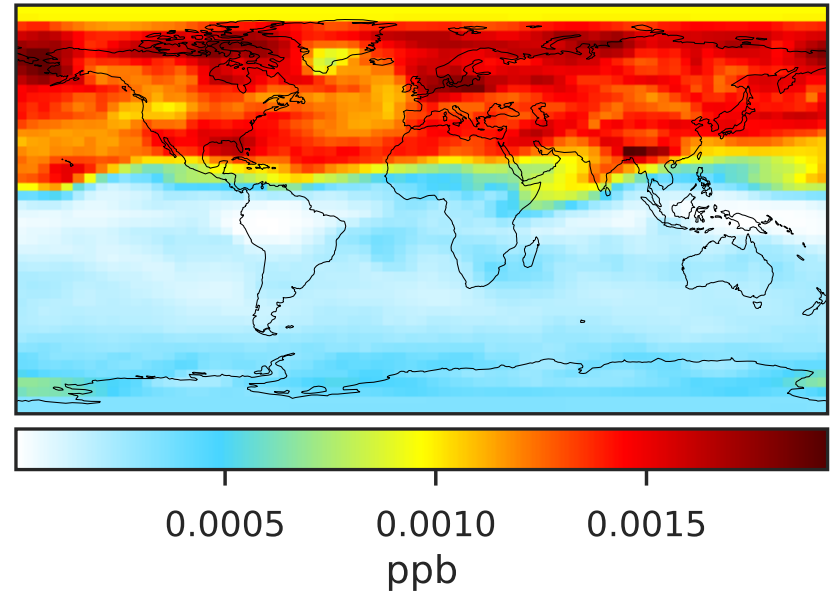


# SpeciesConcVV\_BrNO3 (Apr2019)

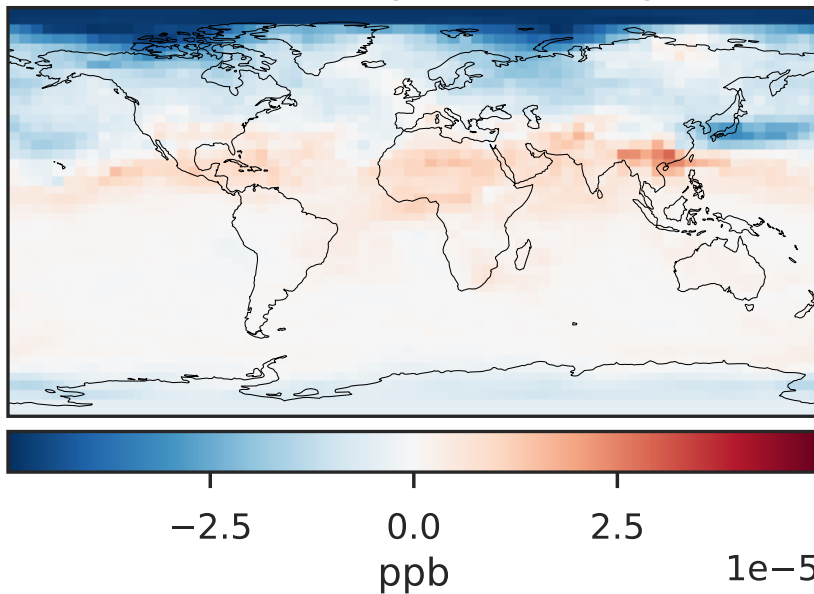
14.2.0-rc.2 (Ref)  
4.0x5.0



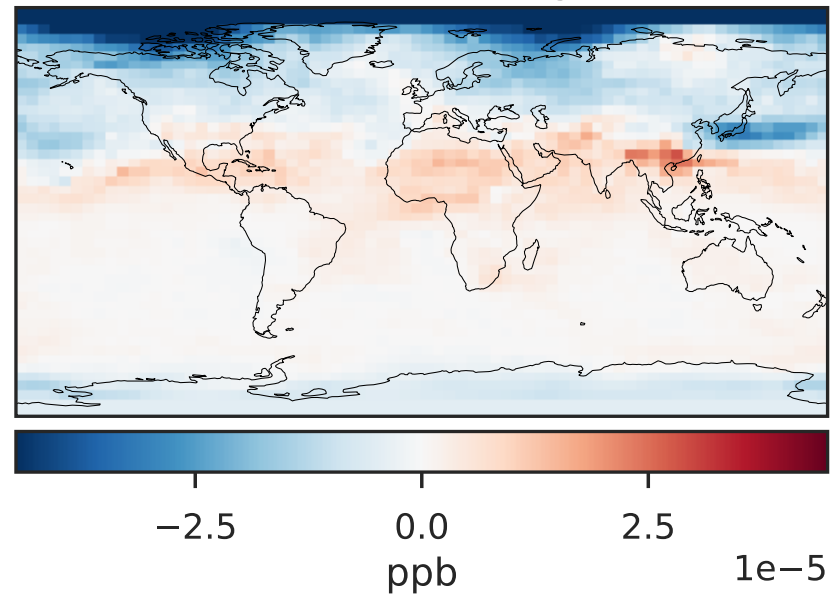
14.3.0-rc.0 (Dev)  
4.0x5.0



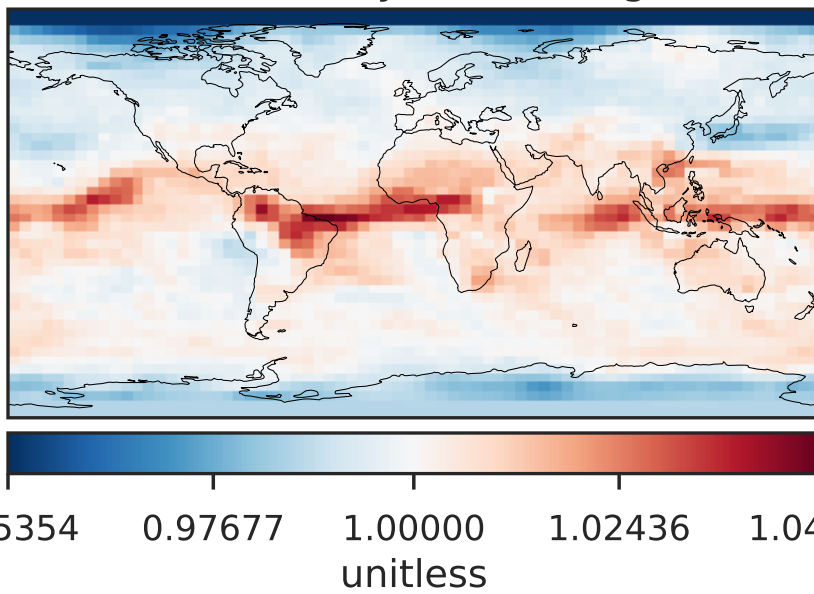
Difference  
Dev - Ref, Dynamic Range



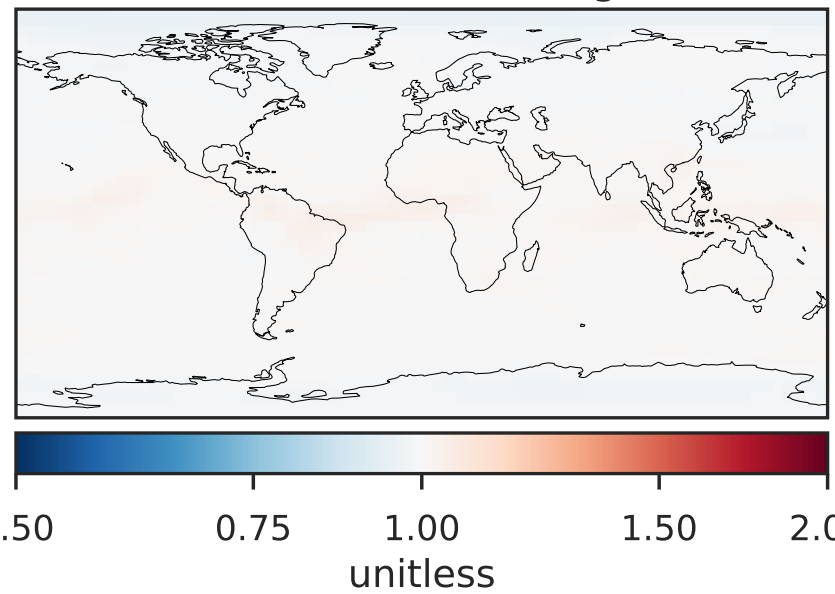
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

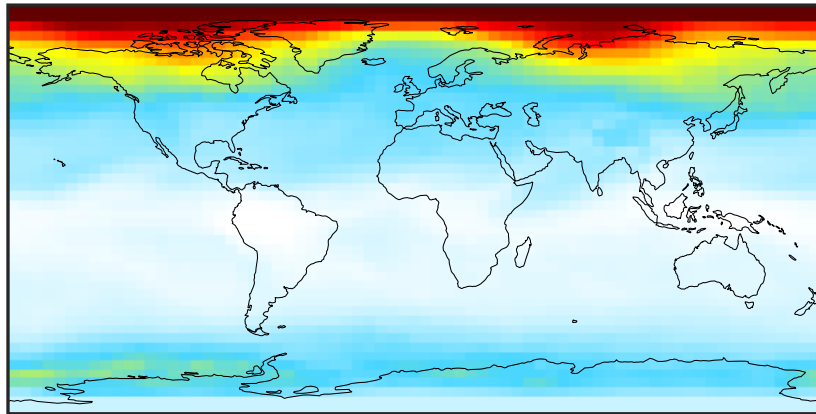


Ratio  
Dev/Ref, Fixed Range



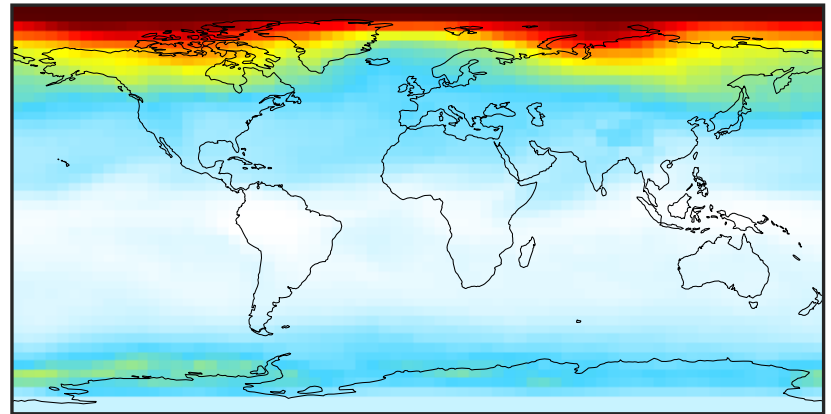
# SpeciesConcVV\_BrO (Apr2019)

14.2.0-rc.2 (Ref)  
4.0x5.0



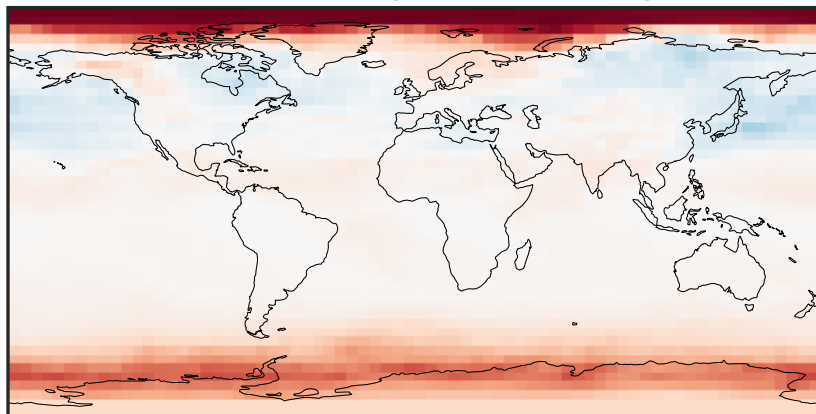
0.0006 0.0012 0.0018  
ppb

14.3.0-rc.0 (Dev)  
4.0x5.0



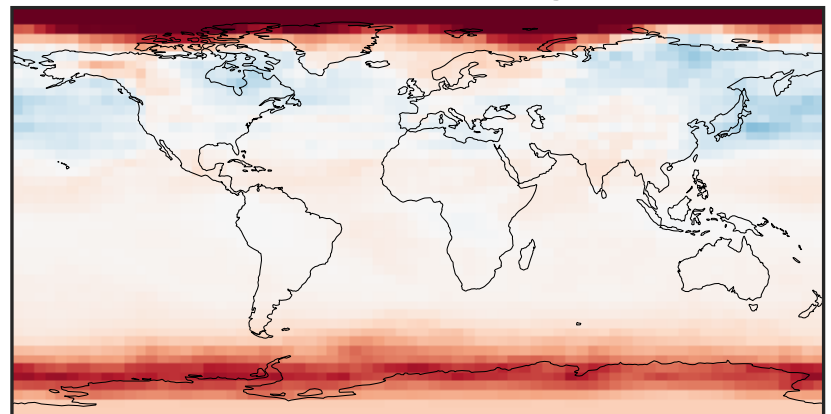
0.0006 0.0012 0.0018  
ppb

Difference  
Dev - Ref, Dynamic Range



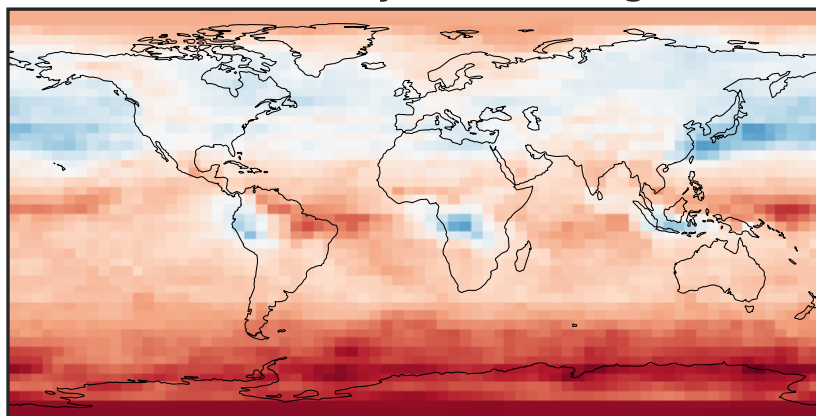
-2 0 2  
ppb  $1e-5$

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



-1.5 0.0 1.5  
ppb  $1e-5$

Ratio  
Dev/Ref, Dynamic Range



0.95665 0.97833 1.00000 1.02266 1.04531  
unitless

Ratio  
Dev/Ref, Fixed Range

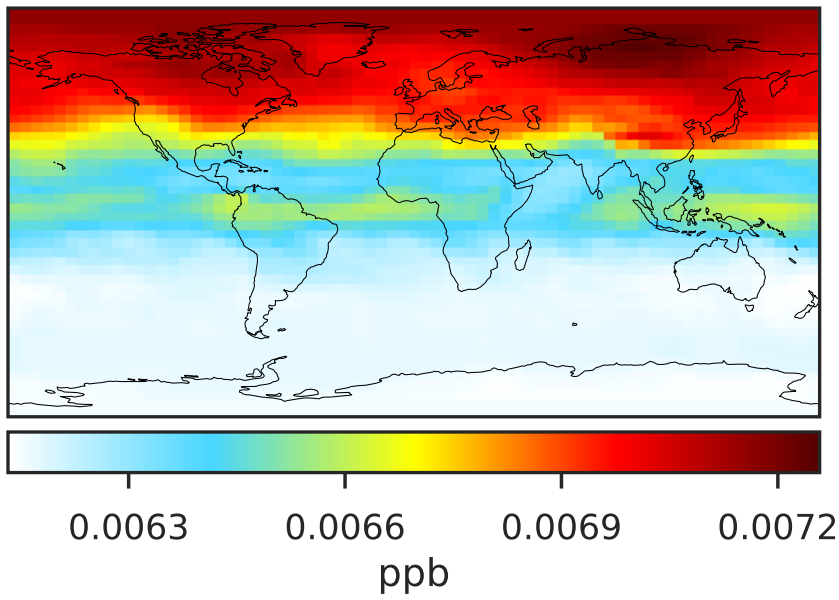


0.50 0.75 1.00 1.50 2.00  
unitless

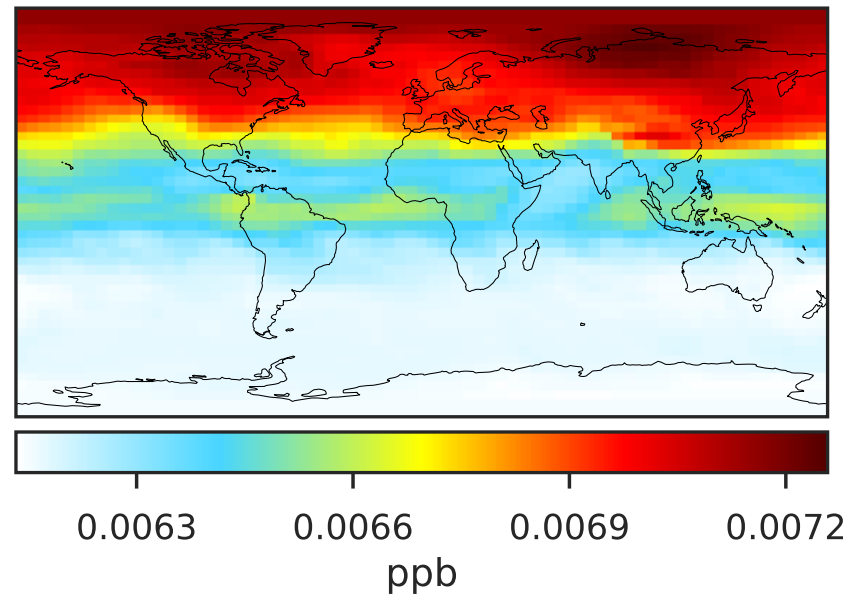


# SpeciesConcVV\_CH3Br (Apr2019)

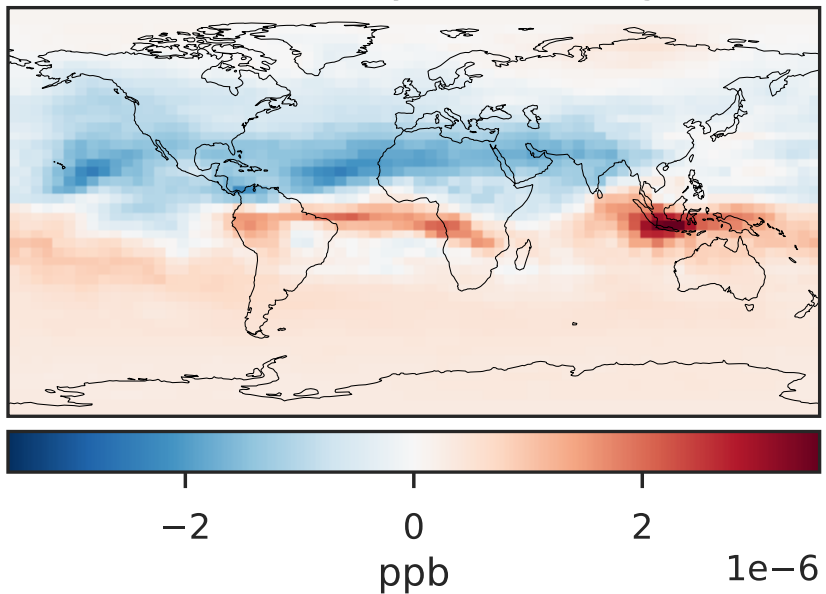
14.2.0-rc.2 (Ref)  
4.0x5.0



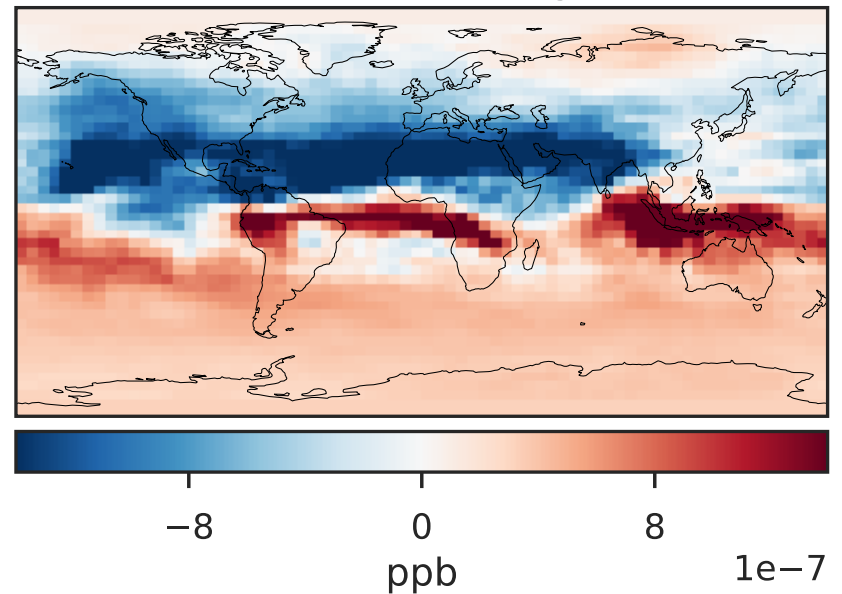
14.3.0-rc.0 (Dev)  
4.0x5.0



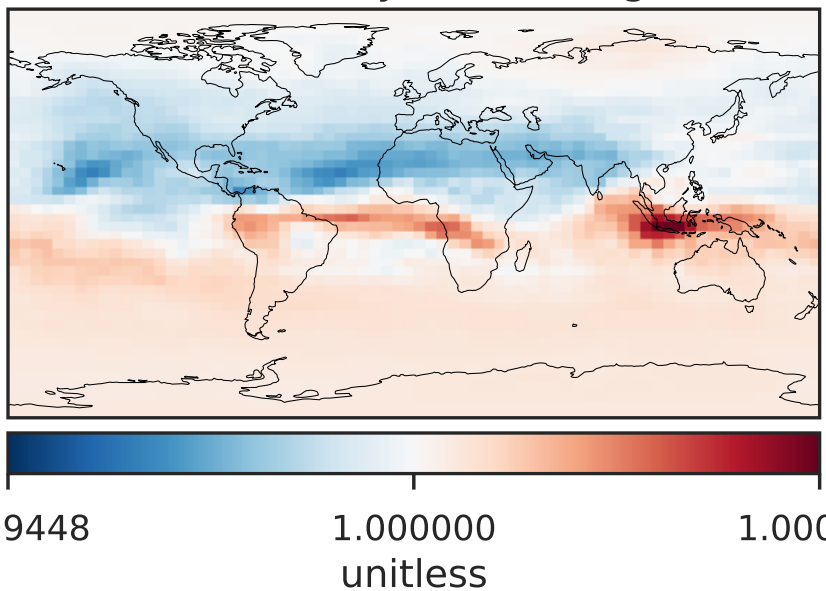
Difference  
Dev - Ref, Dynamic Range



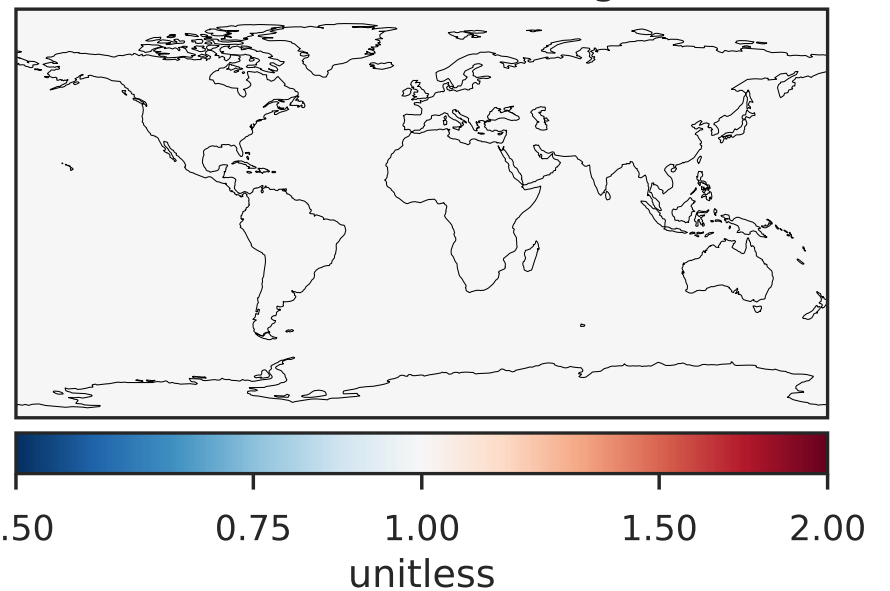
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

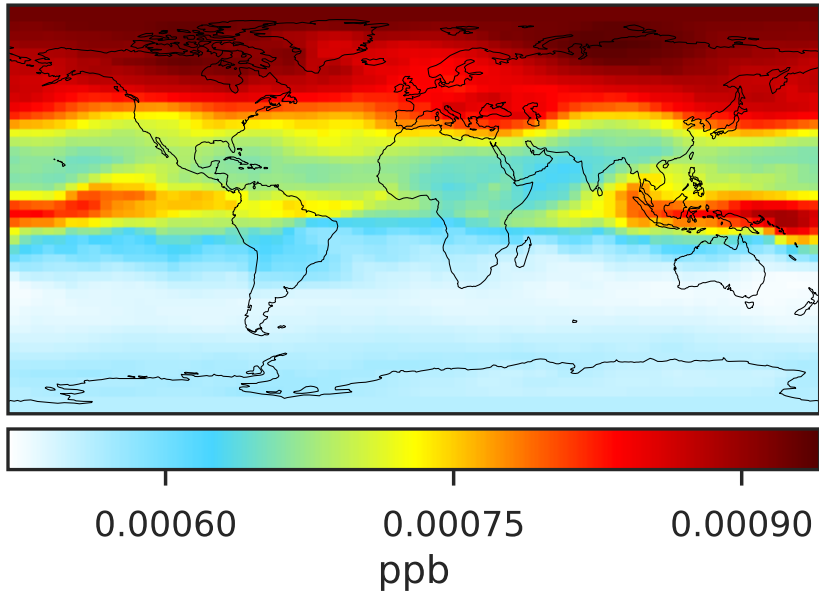


Ratio  
Dev/Ref, Fixed Range

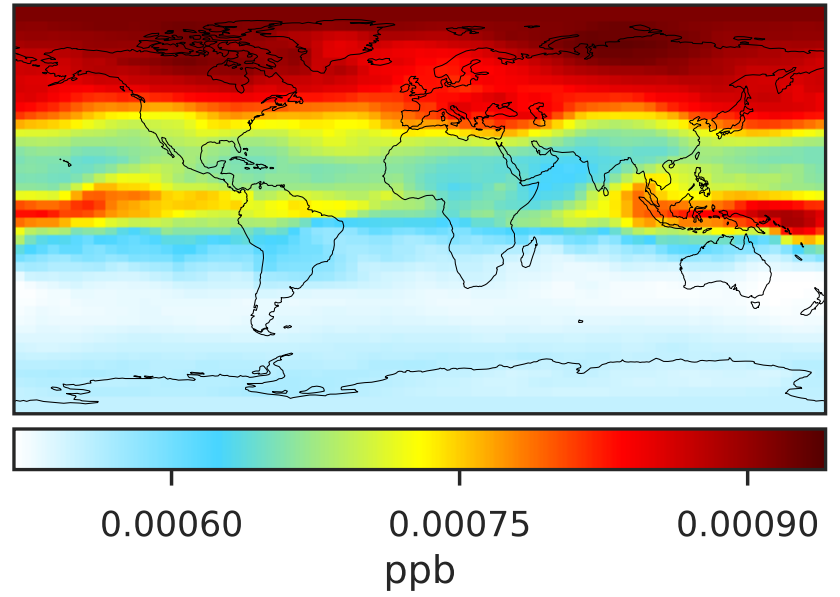


# SpeciesConcVV\_CH2Br2 (Apr2019)

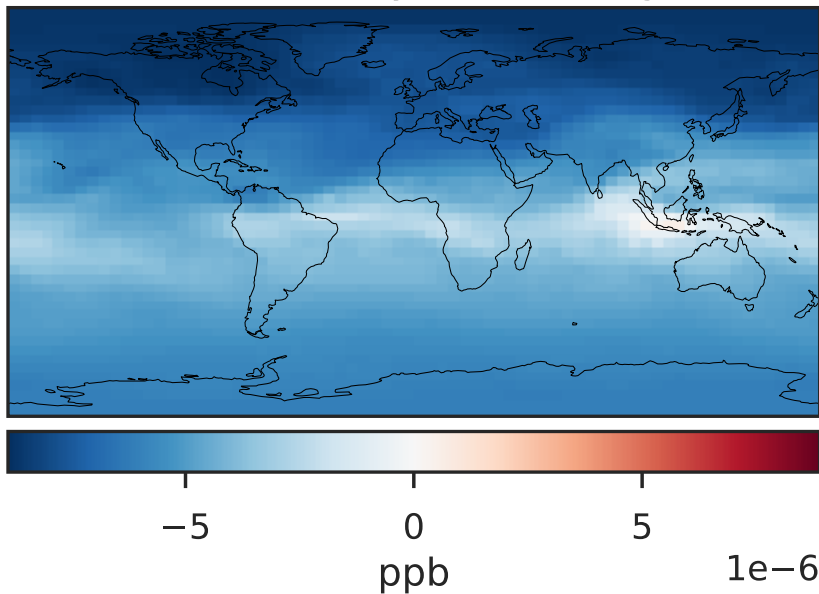
14.2.0-rc.2 (Ref)  
4.0x5.0



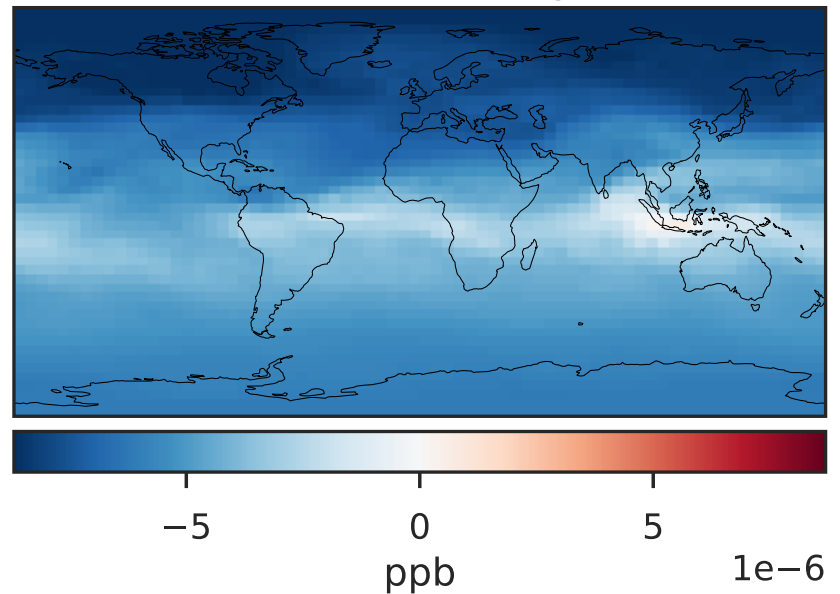
14.3.0-rc.0 (Dev)  
4.0x5.0



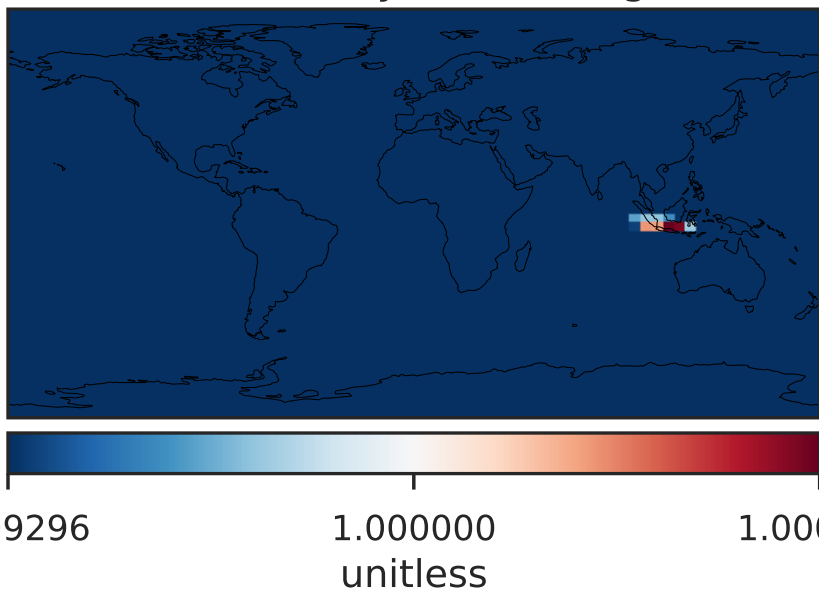
Difference  
Dev - Ref, Dynamic Range



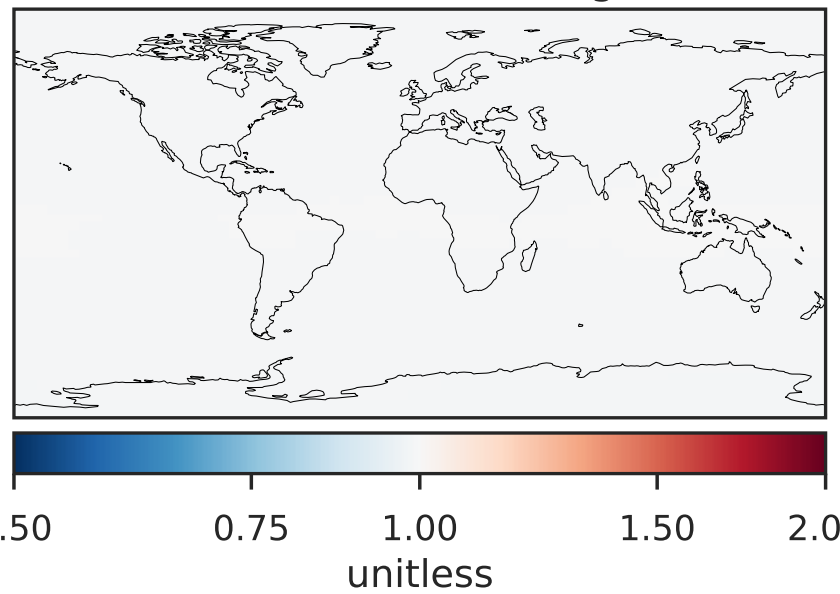
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

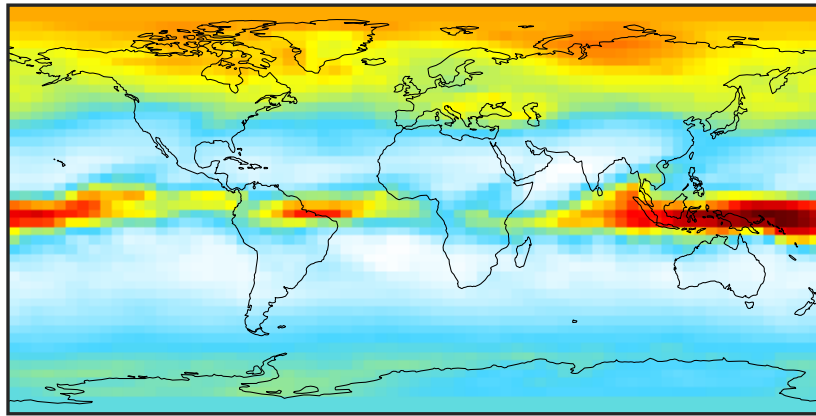


Ratio  
Dev/Ref, Fixed Range



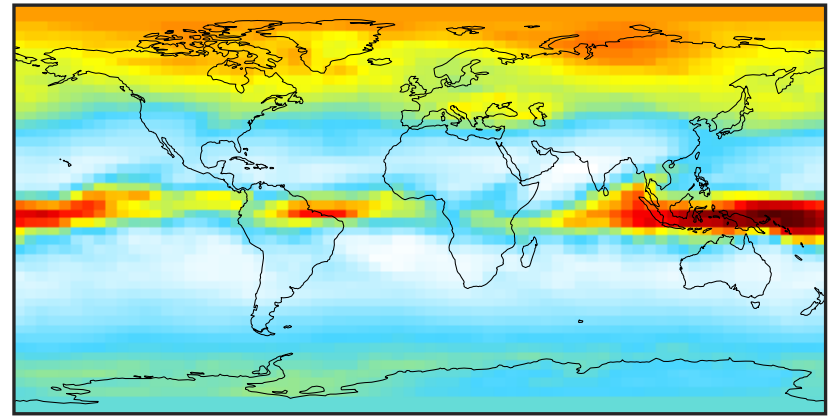
# SpeciesConcVV\_CHBr3 (Apr2019)

14.2.0-rc.2 (Ref)  
4.0x5.0



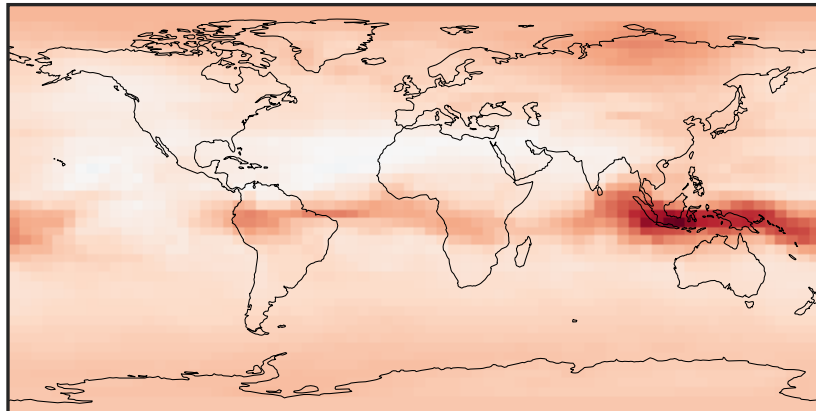
0.00025 0.00050 0.00075 0.00100  
ppb

14.3.0-rc.0 (Dev)  
4.0x5.0



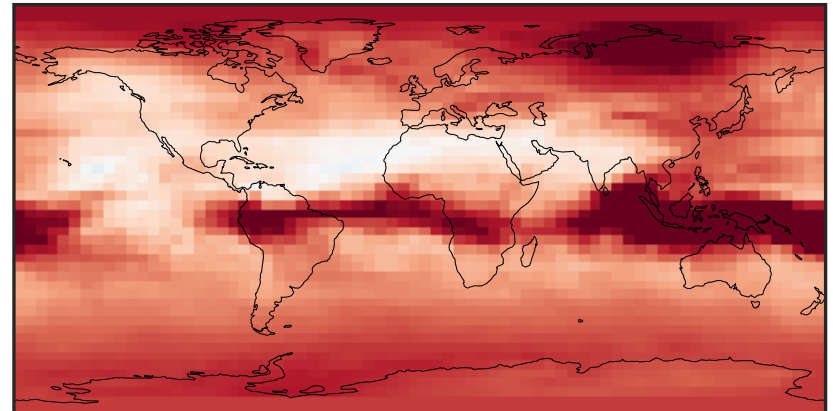
0.00025 0.00050 0.00075 0.00100  
ppb

Difference  
Dev - Ref, Dynamic Range



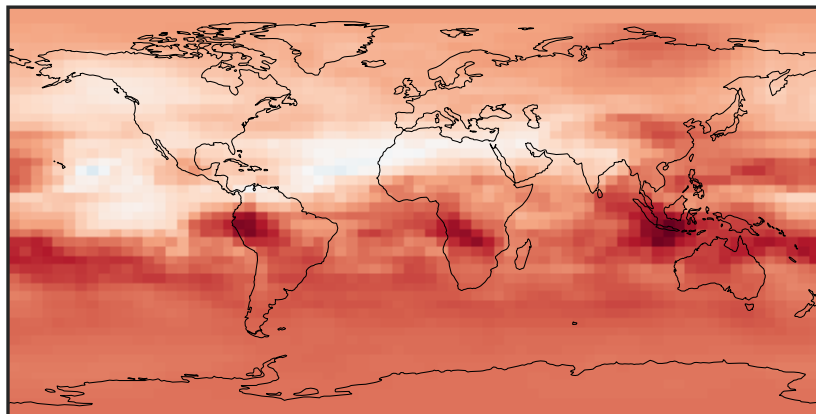
-1.5 0.0 1.5  
ppb  $1e-5$

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



-5 0 5  
ppb  $1e-6$

Ratio  
Dev/Ref, Dynamic Range



0.97633 0.98817 1.00000 1.01212 1.02424  
unitless

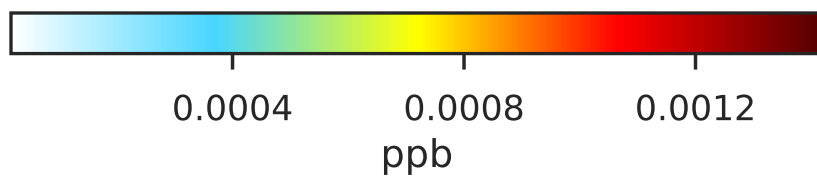
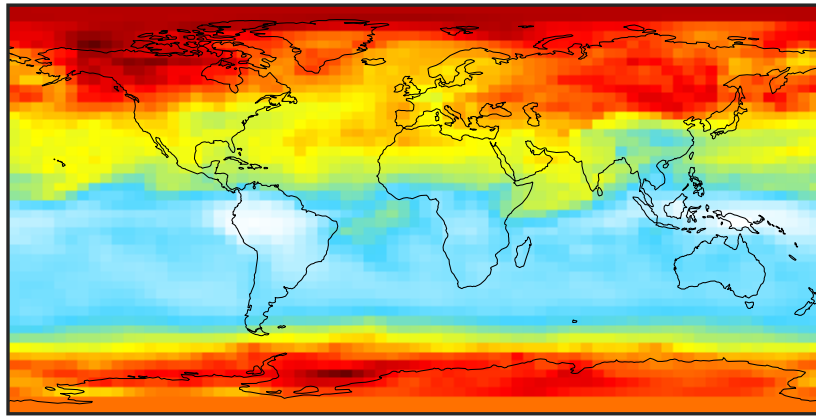
Ratio  
Dev/Ref, Fixed Range



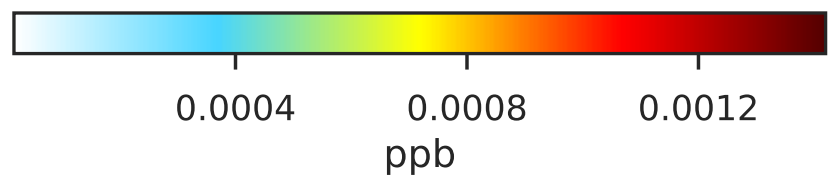
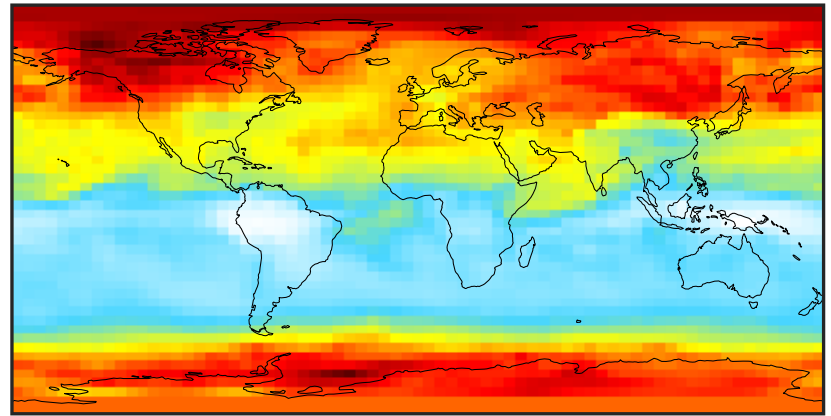
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_HOBr (Apr2019)

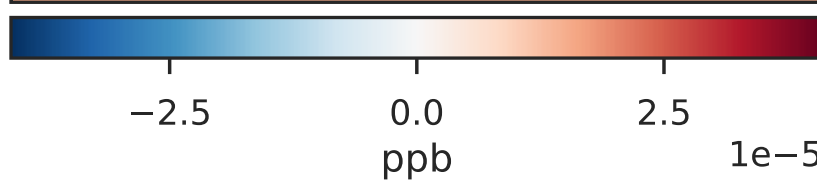
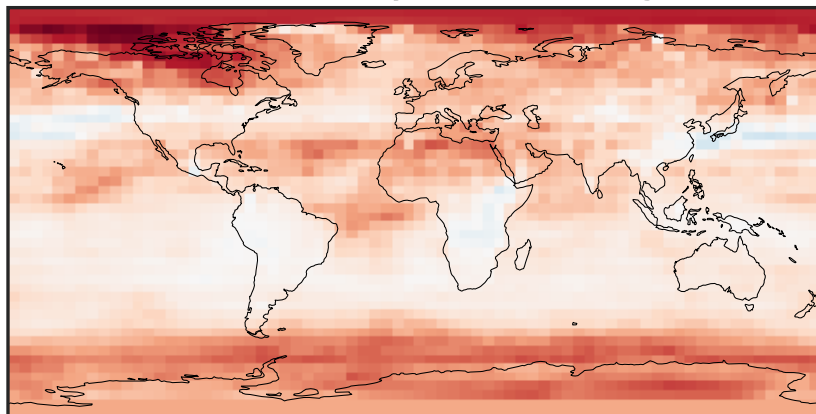
14.2.0-rc.2 (Ref)  
4.0x5.0



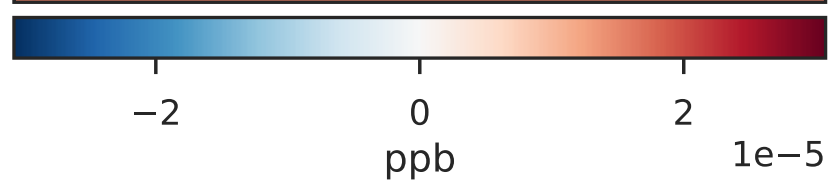
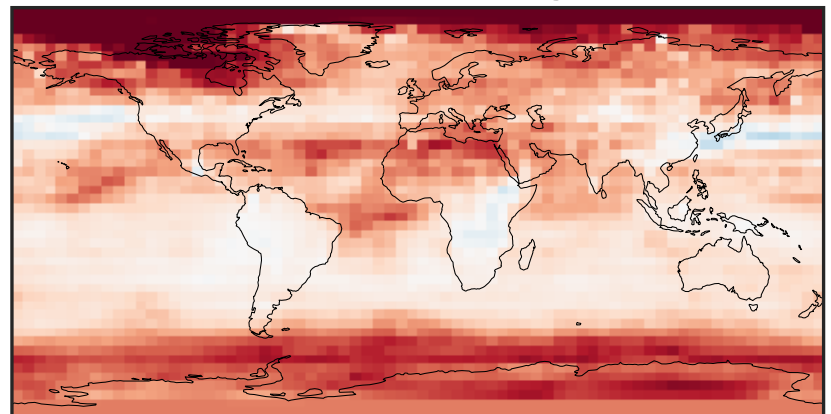
14.3.0-rc.0 (Dev)  
4.0x5.0



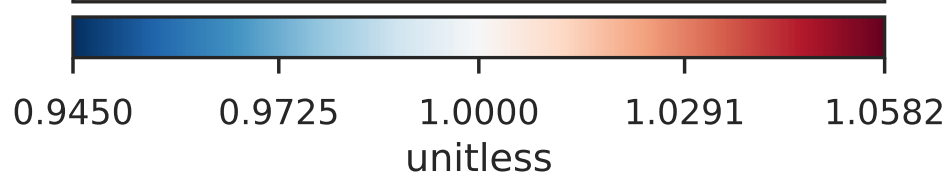
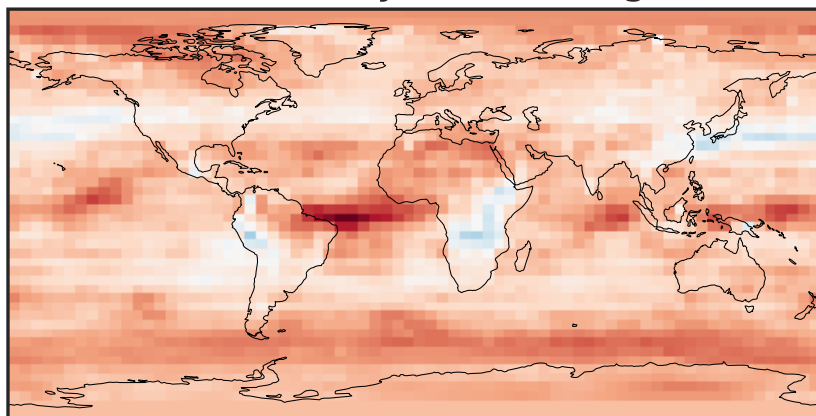
Difference  
Dev - Ref, Dynamic Range



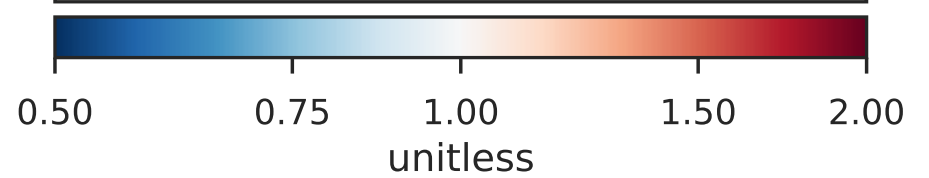
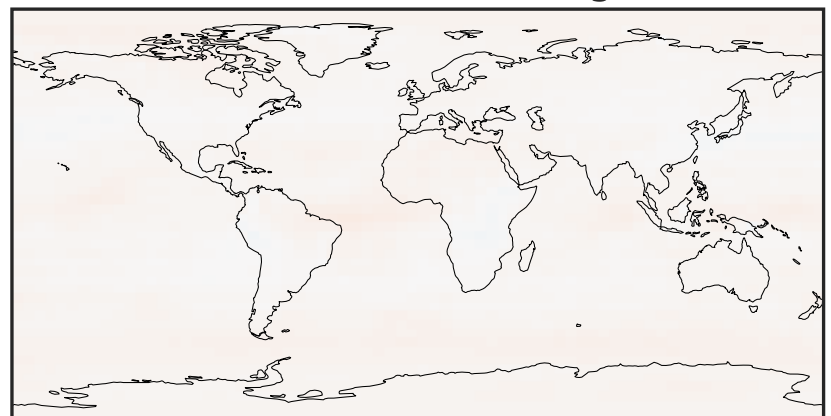
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

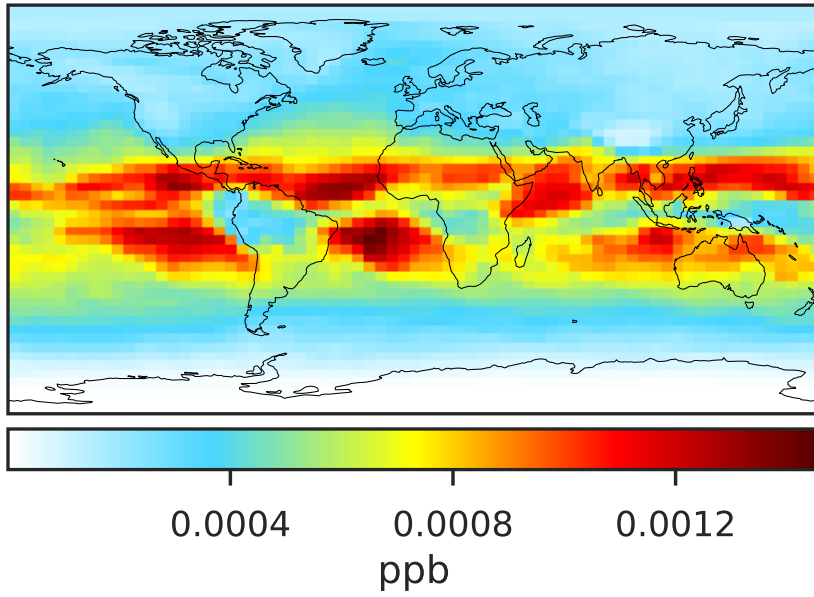


Ratio  
Dev/Ref, Fixed Range

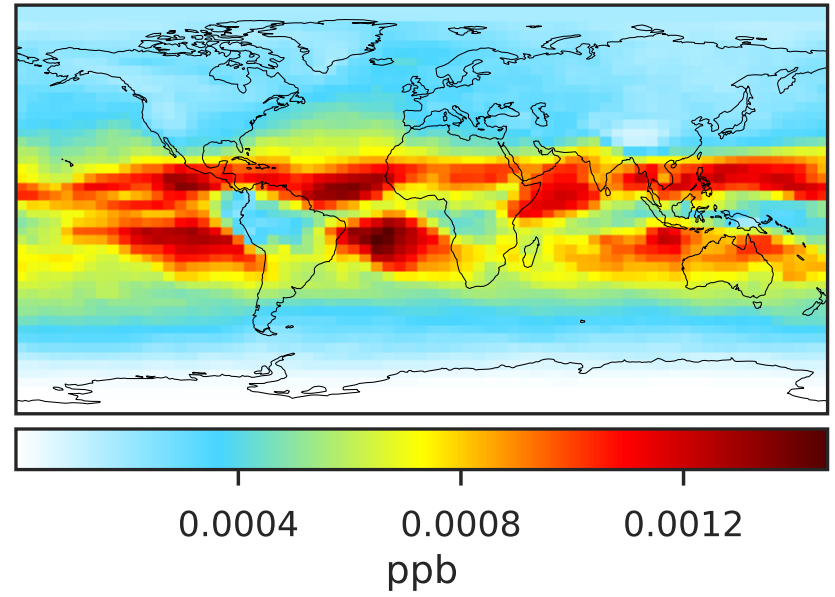


# SpeciesConcVV\_HBr (Apr2019)

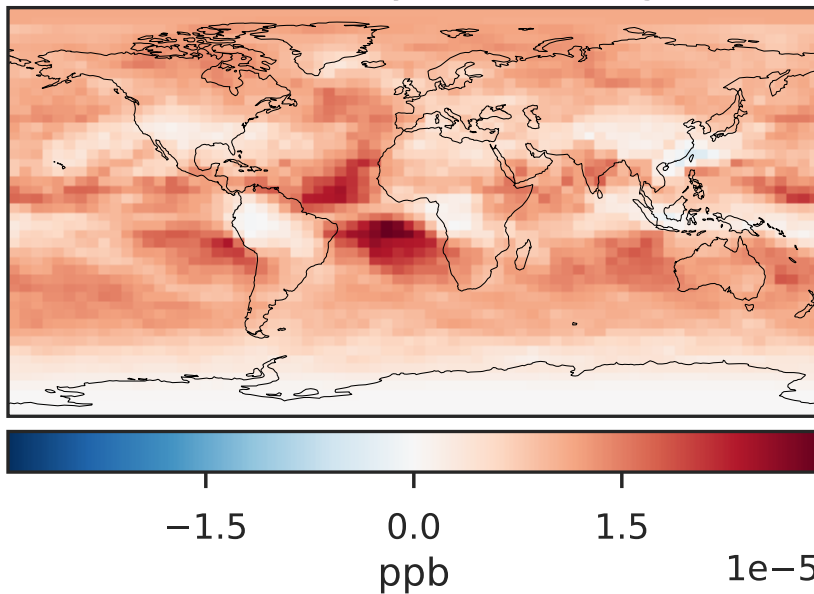
14.2.0-rc.2 (Ref)  
4.0x5.0



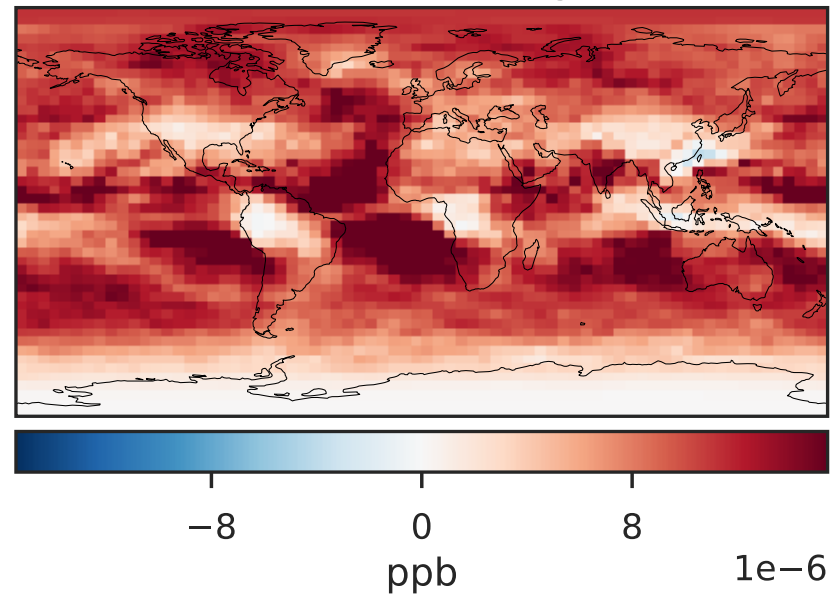
14.3.0-rc.0 (Dev)  
4.0x5.0



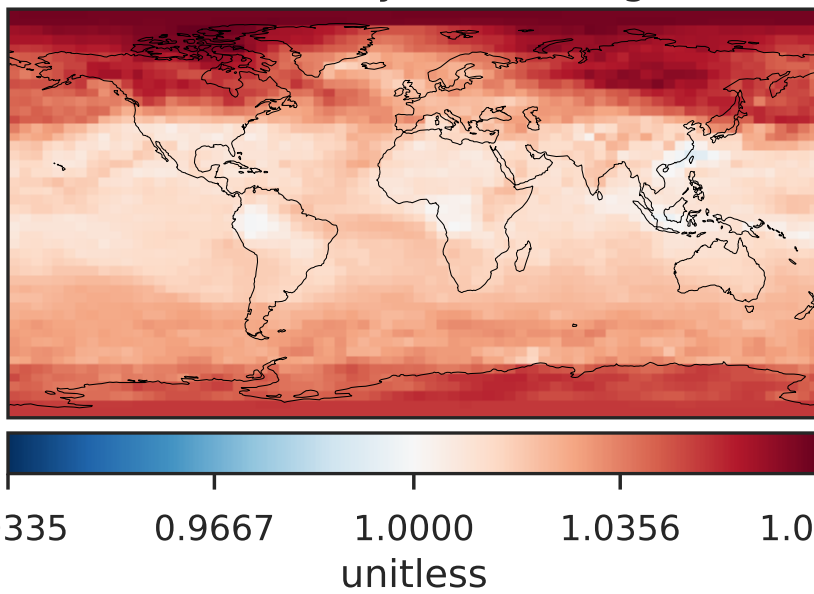
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range

