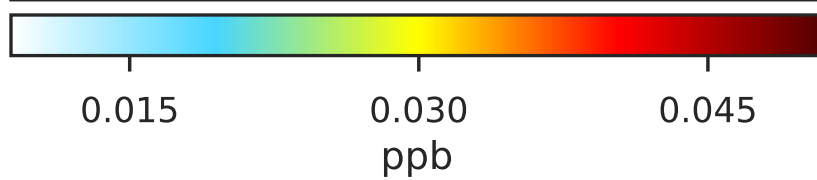
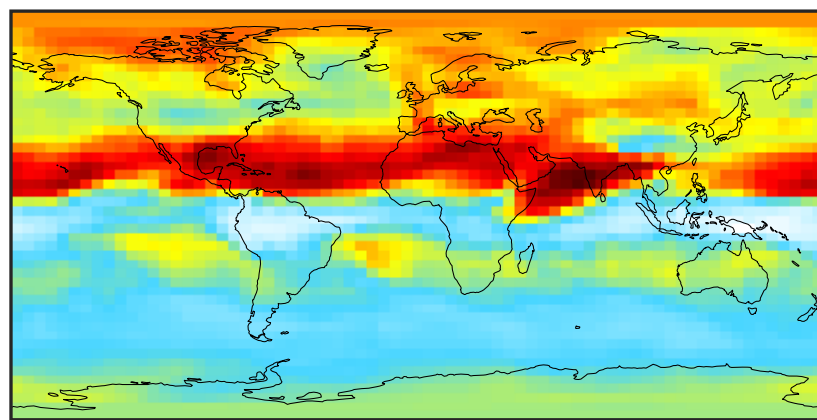
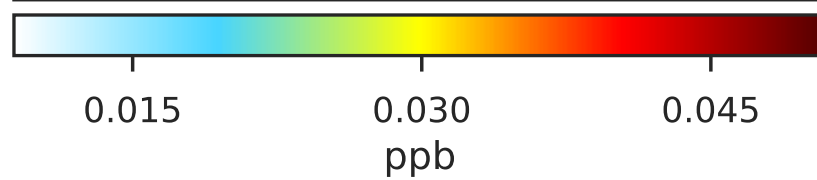
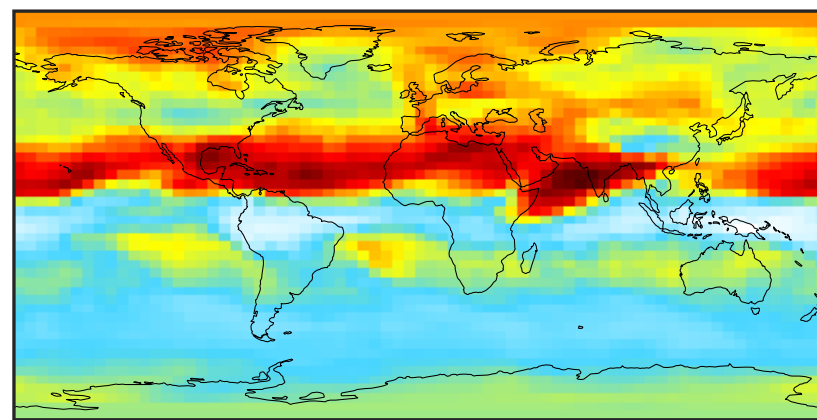


# SpeciesConcVV\_Cly (Apr2019)

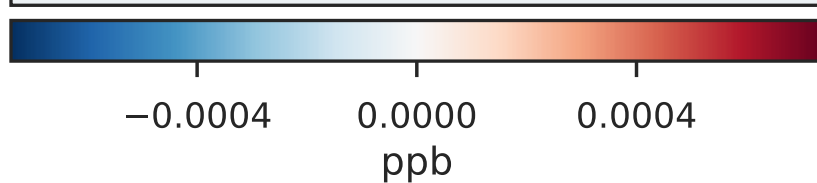
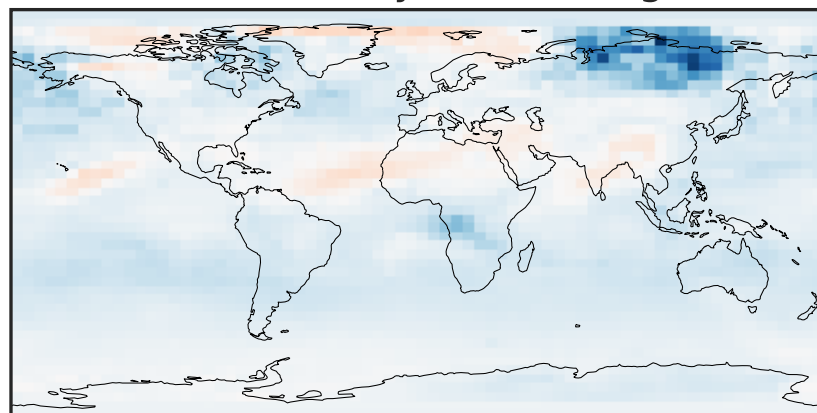
14.2.0-rc.2 (Ref)  
4.0x5.0



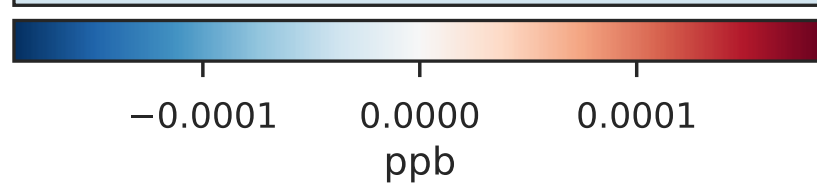
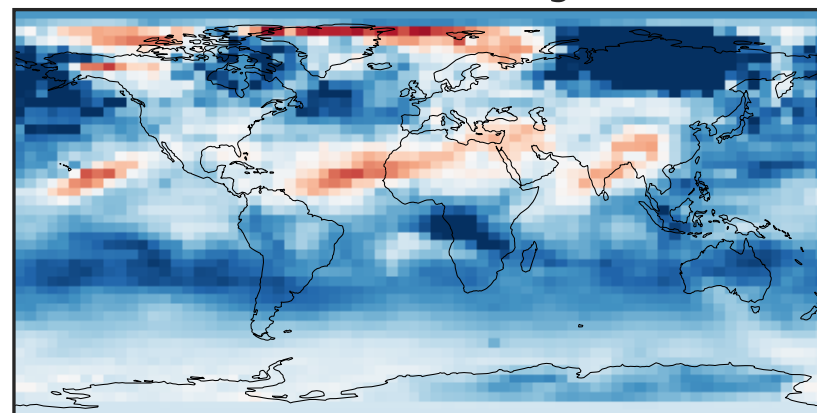
14.3.0-rc.0 (Dev)  
4.0x5.0



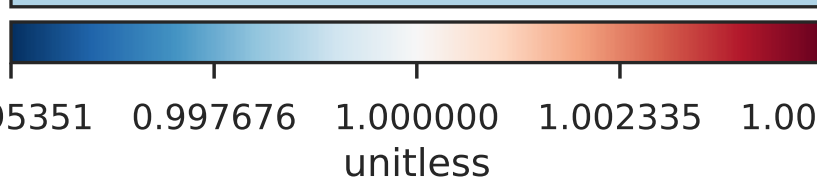
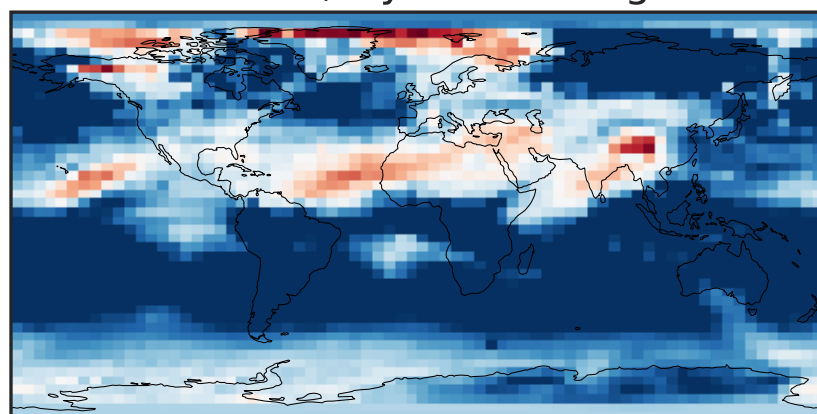
Difference  
Dev - Ref, Dynamic Range



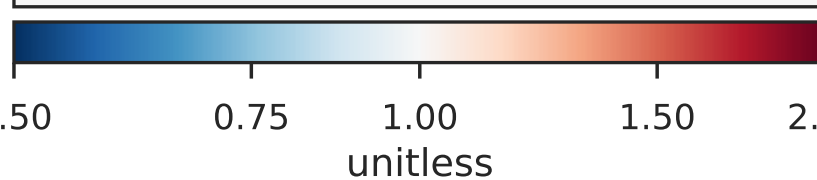
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

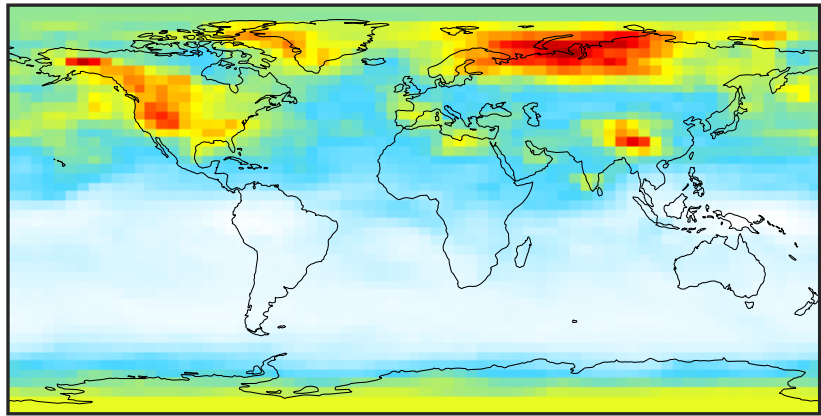


Ratio  
Dev/Ref, Fixed Range



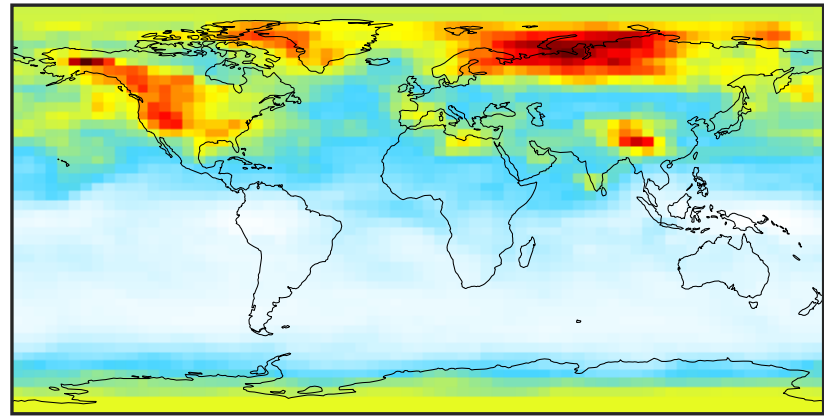
# SpeciesConcVV\_ClOx (Apr2019)

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



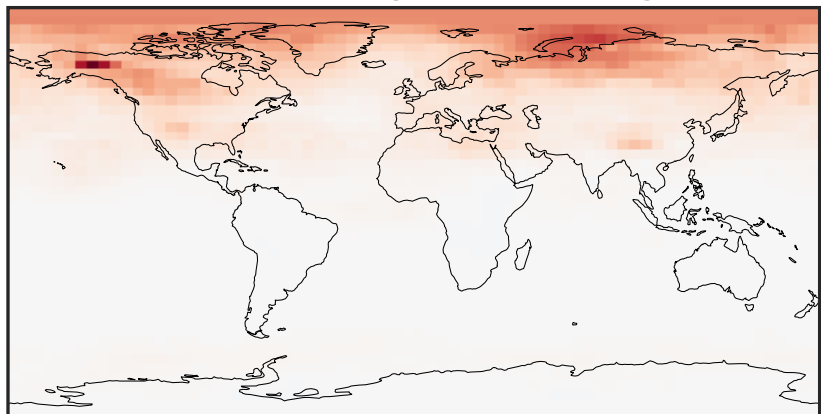
0.0008 0.0016 0.0024  
ppb

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



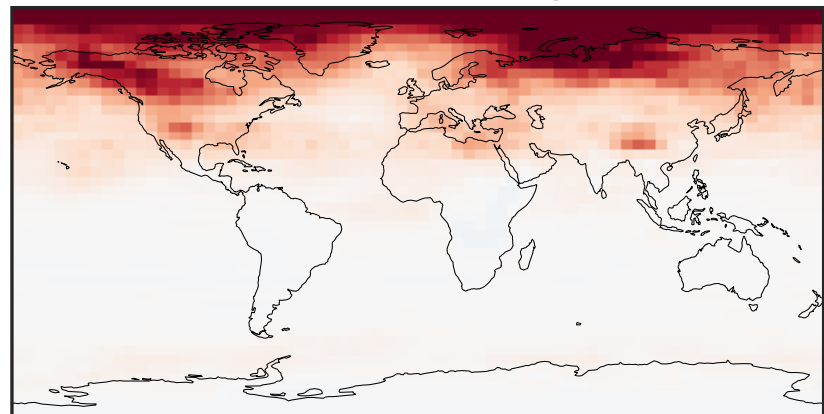
0.0008 0.0016 0.0024  
ppb

Difference  
Dev - Ref, Dynamic Range



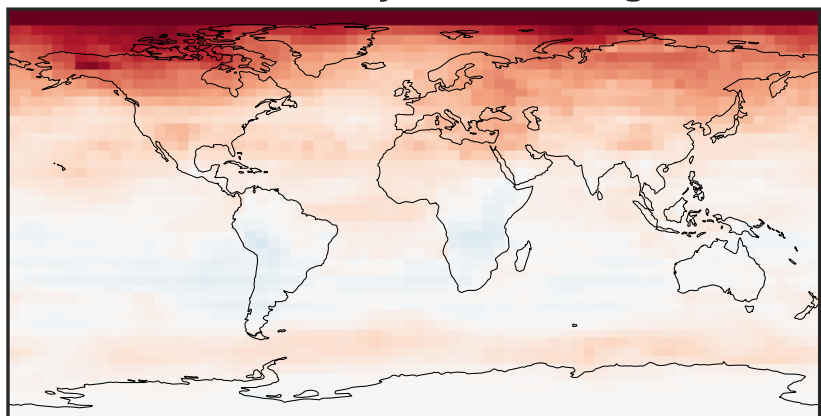
-0.00025 0.00000 0.00025  
ppb

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



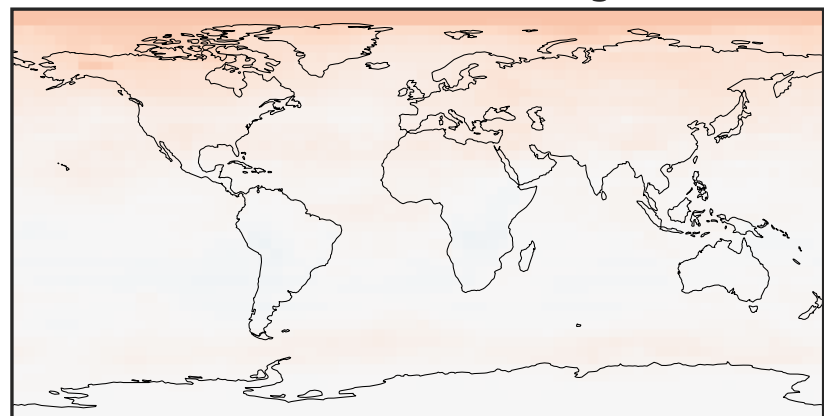
-0.0001 0.0000 0.0001  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.8262 0.9131 1.0000 1.1052 1.2103  
unitless

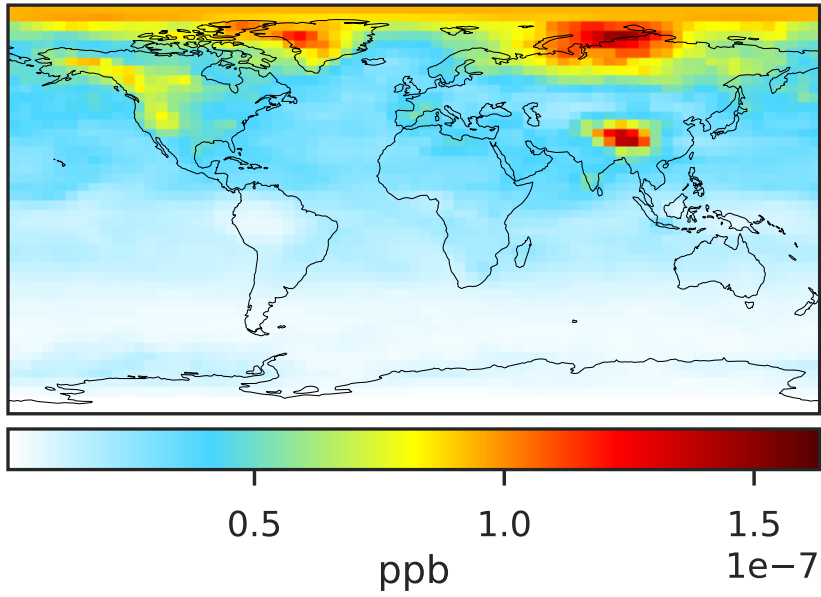
Ratio  
Dev/Ref, Fixed Range



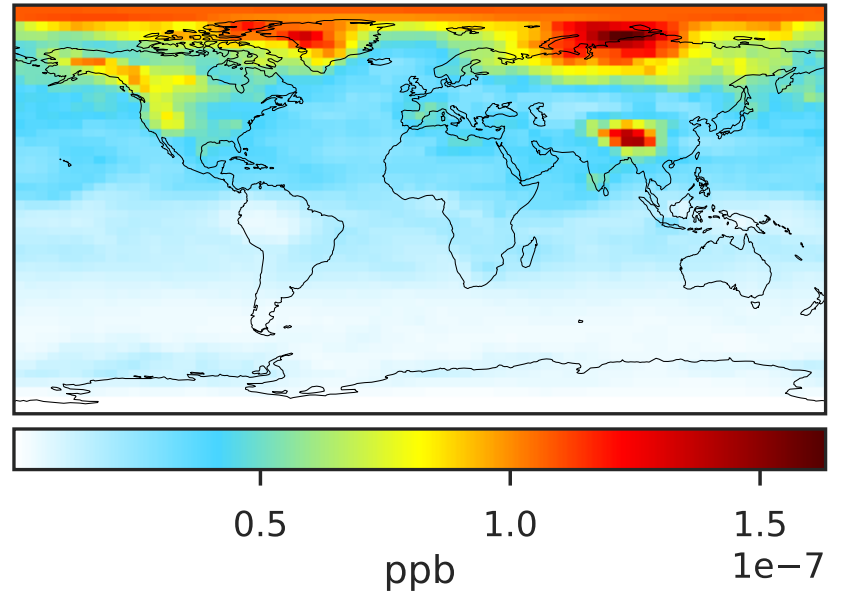
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_CI (Apr2019)

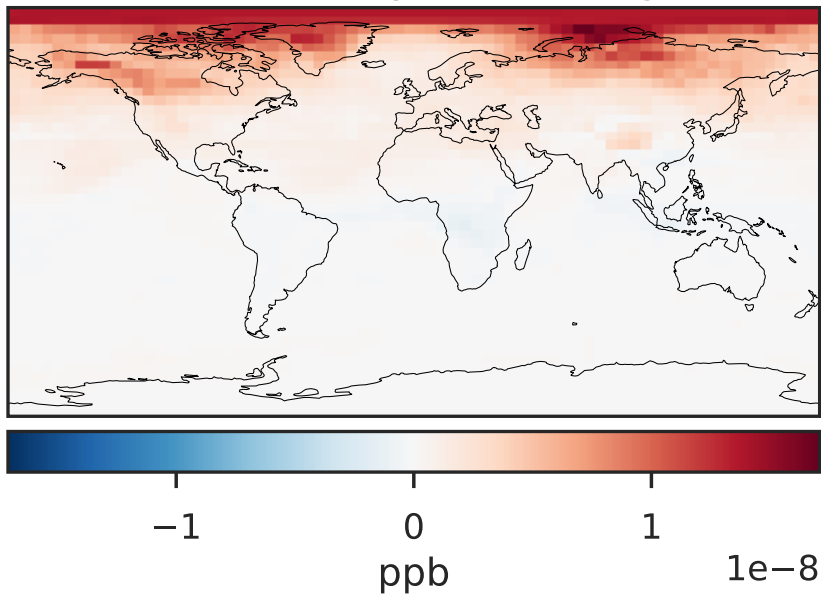
14.2.0-rc.2 (Ref)  
4.0x5.0



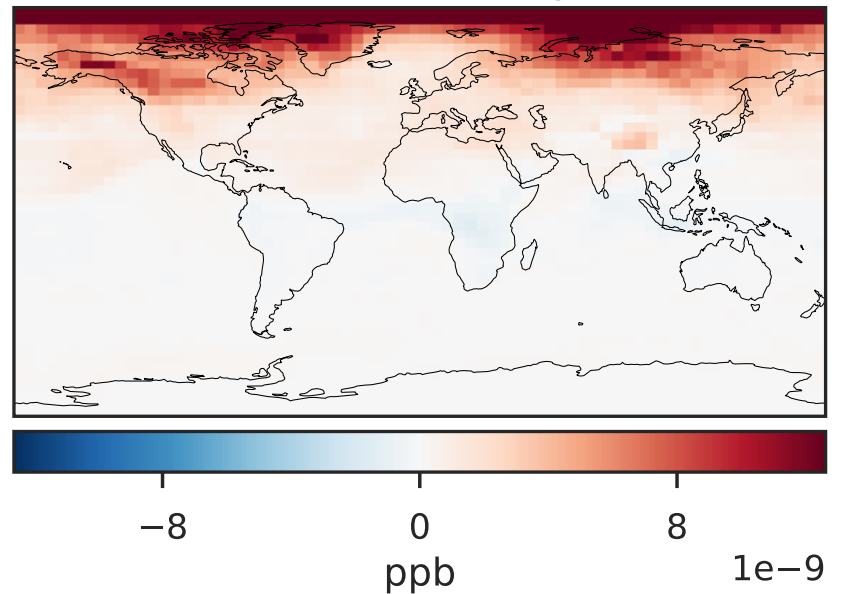
14.3.0-rc.0 (Dev)  
4.0x5.0



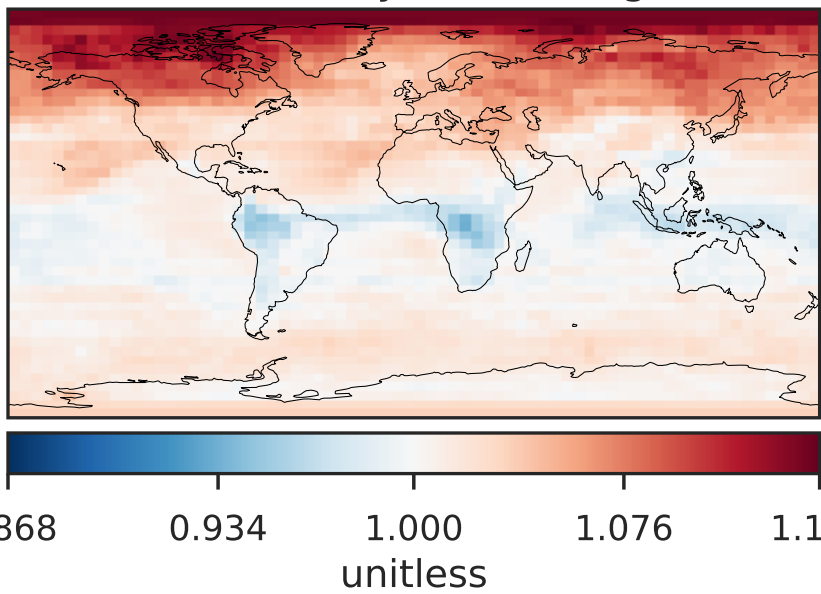
Difference  
Dev - Ref, Dynamic Range



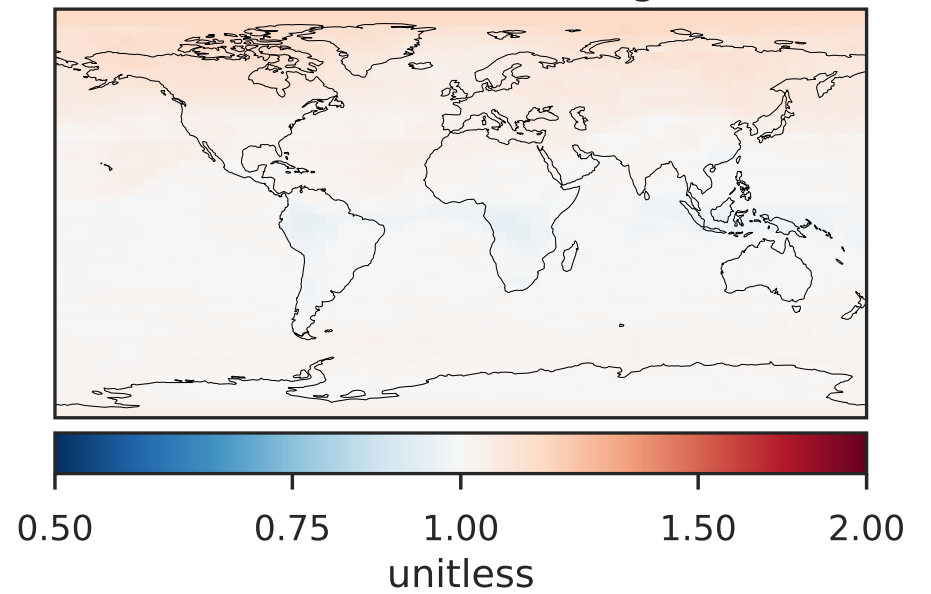
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

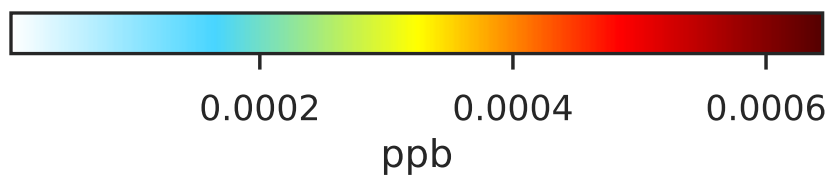
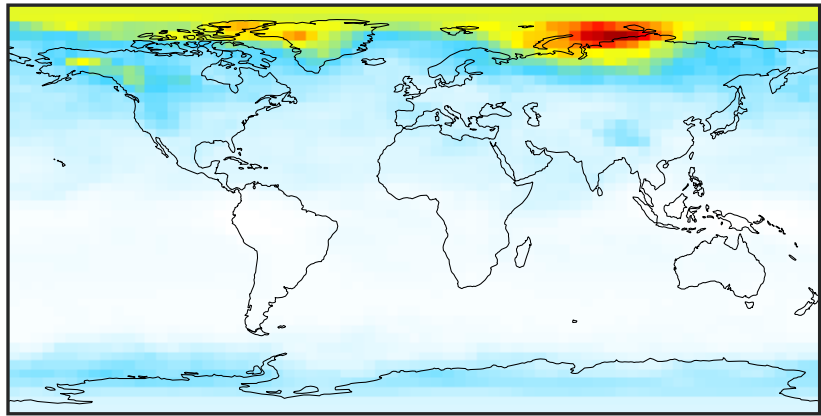


Ratio  
Dev/Ref, Fixed Range

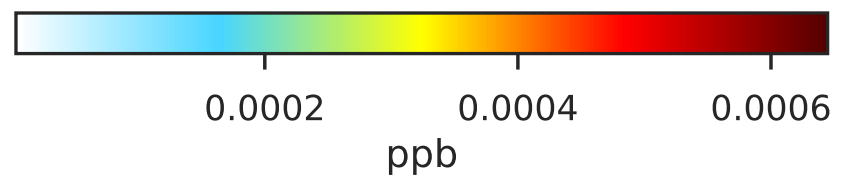
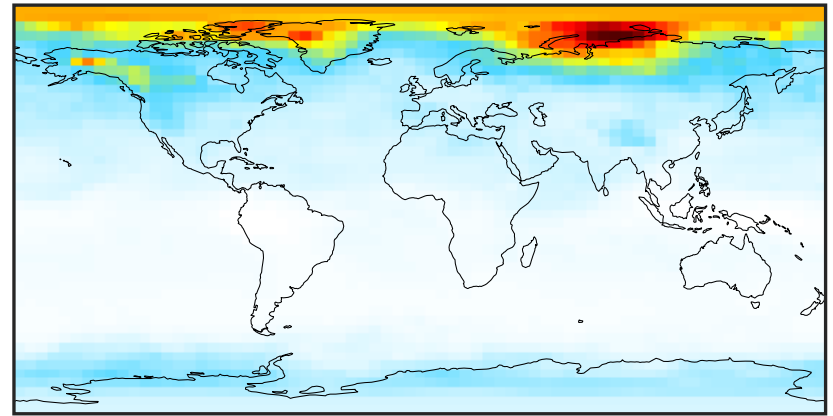


# SpeciesConcVV\_CIO (Apr2019)

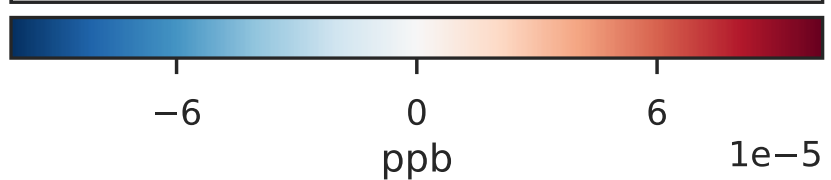
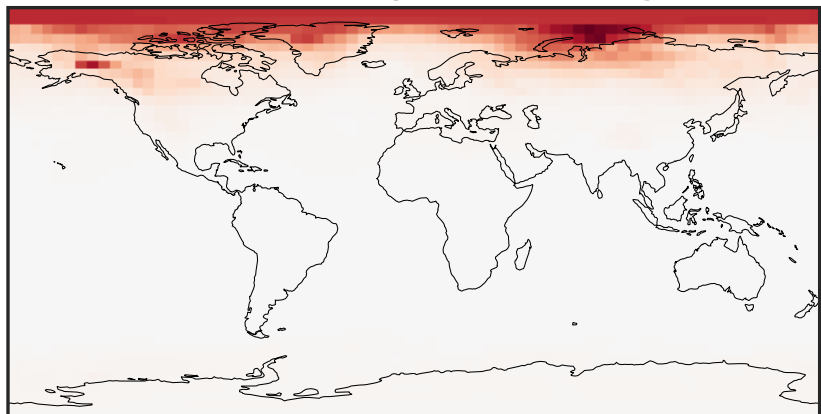
14.2.0-rc.2 (Ref)  
4.0x5.0



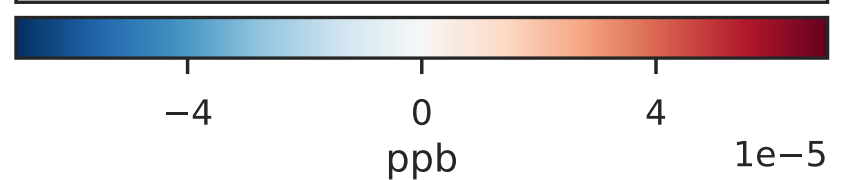
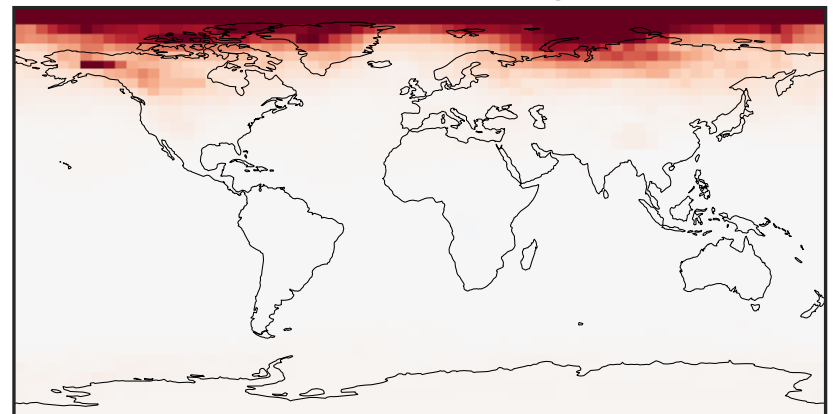
14.3.0-rc.0 (Dev)  
4.0x5.0



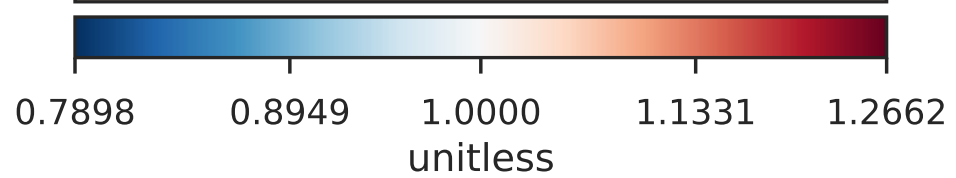
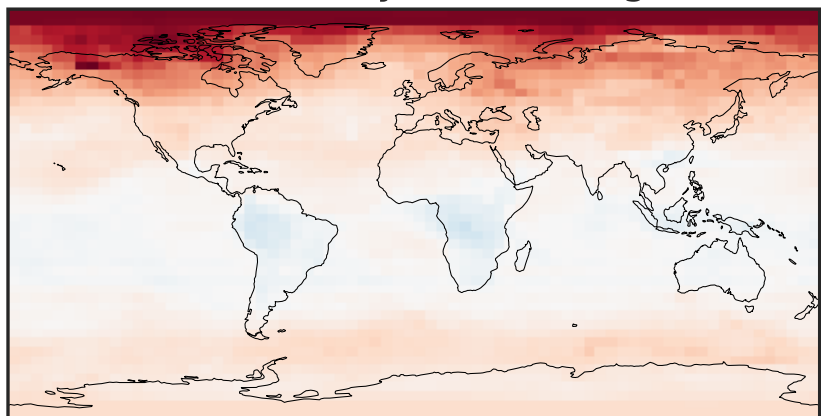
Difference  
Dev - Ref, Dynamic Range



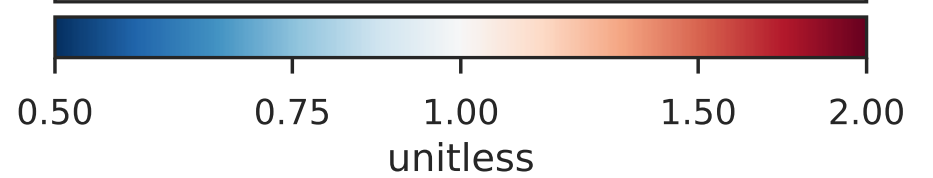
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

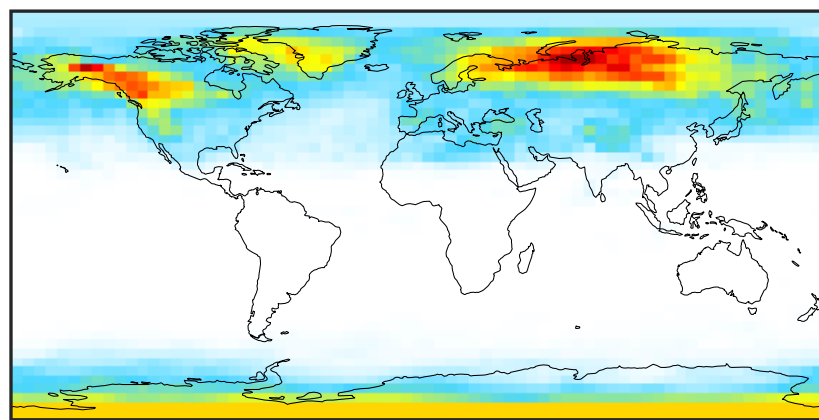


Ratio  
Dev/Ref, Fixed Range



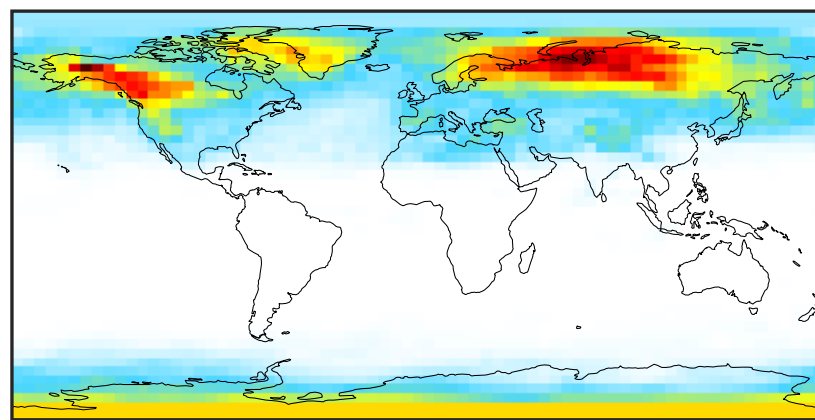
# SpeciesConcVV\_Cl2 (Apr2019)

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



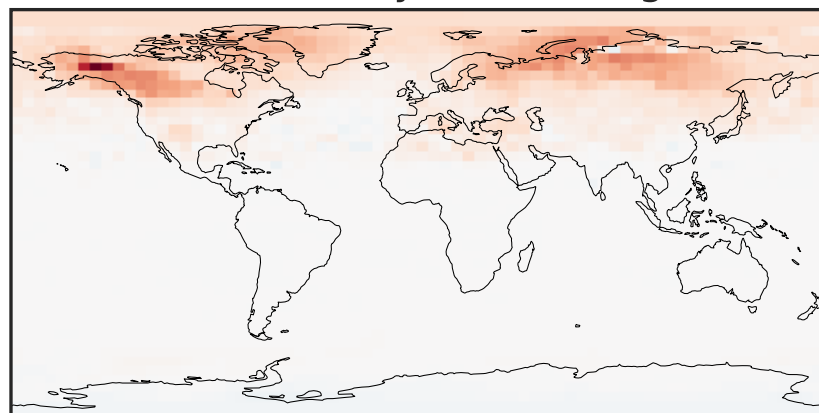
0.0002 0.0004 0.0006  
ppb

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



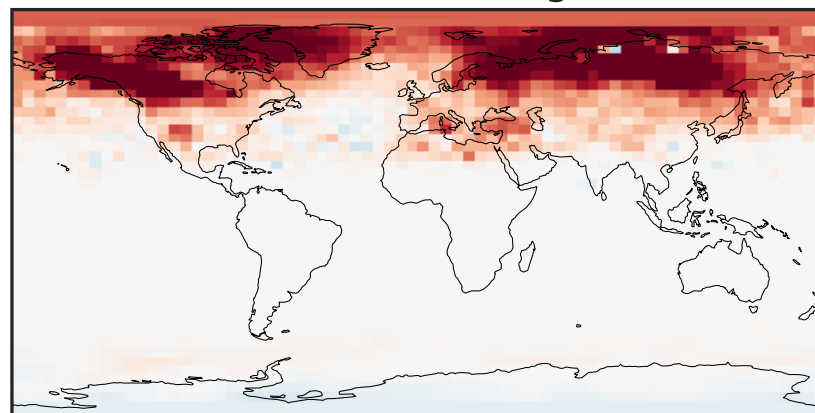
0.0002 0.0004 0.0006  
ppb

Difference  
Dev - Ref, Dynamic Range



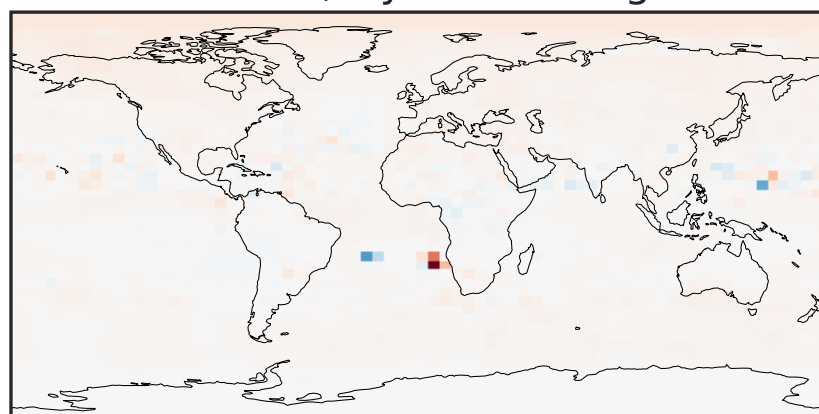
-6 0 6  
ppb  $1e-5$

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



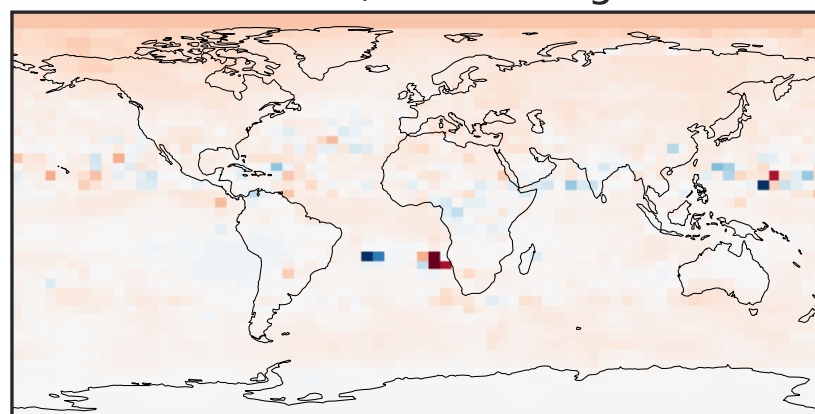
-1.5 0.0 1.5  
ppb  $1e-5$

Ratio  
Dev/Ref, Dynamic Range



0.157 0.578 1.000 3.694 6.388  
unitless

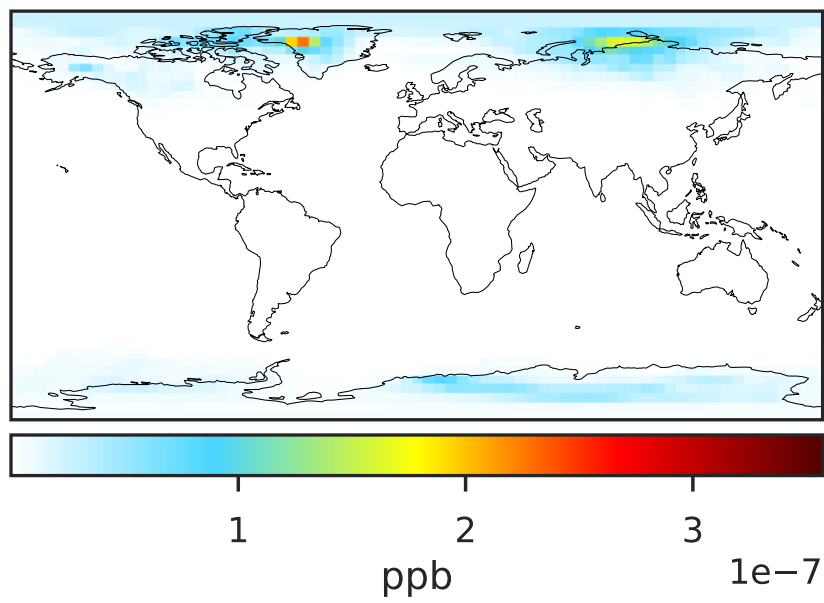
Ratio  
Dev/Ref, Fixed Range



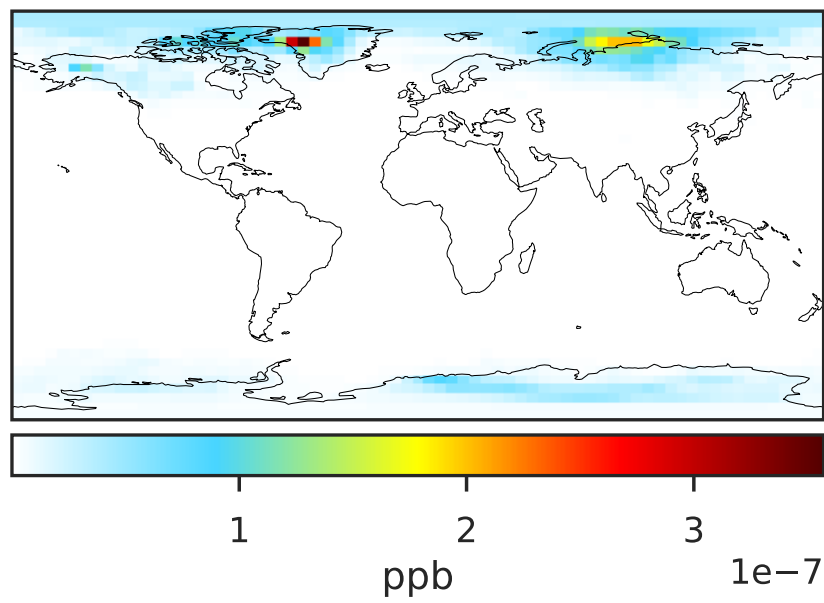
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_Cl2O2 (Apr2019)

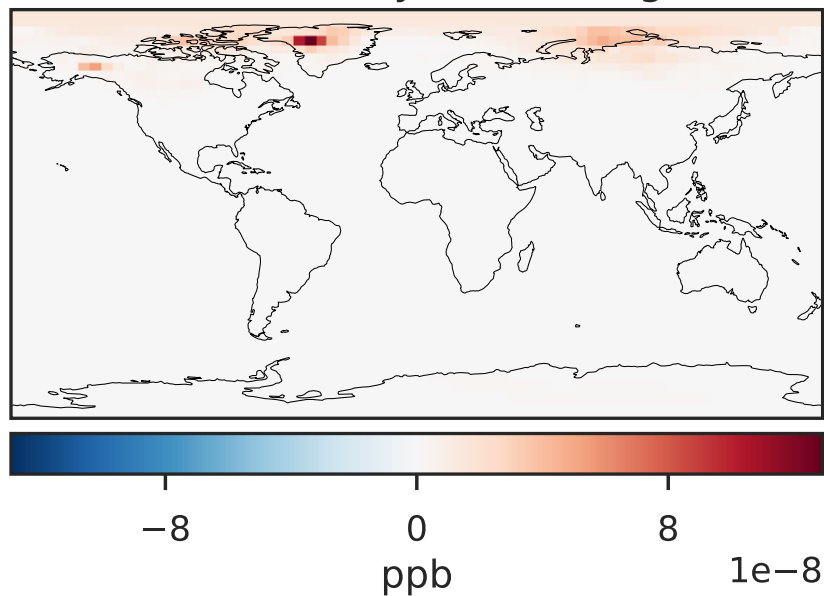
14.2.0-rc.2 (Ref)  
4.0x5.0



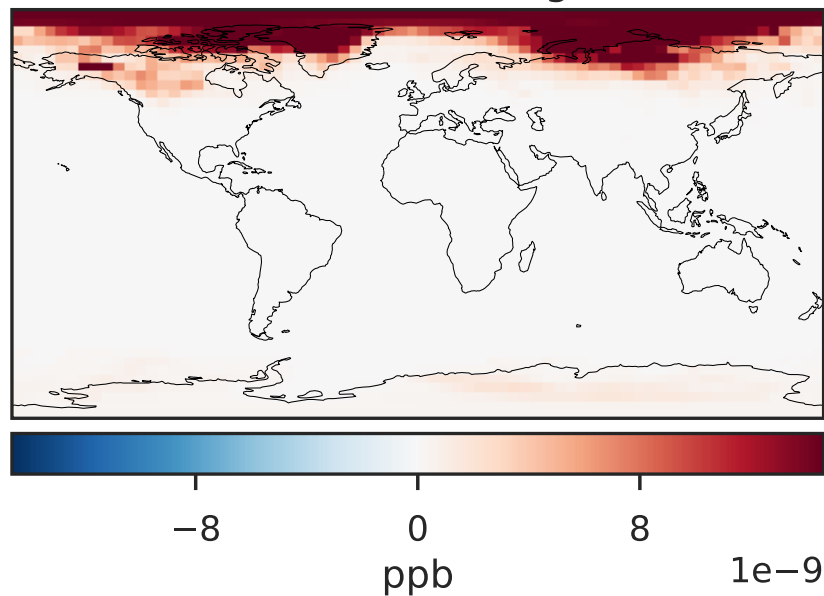
14.3.0-rc.0 (Dev)  
4.0x5.0



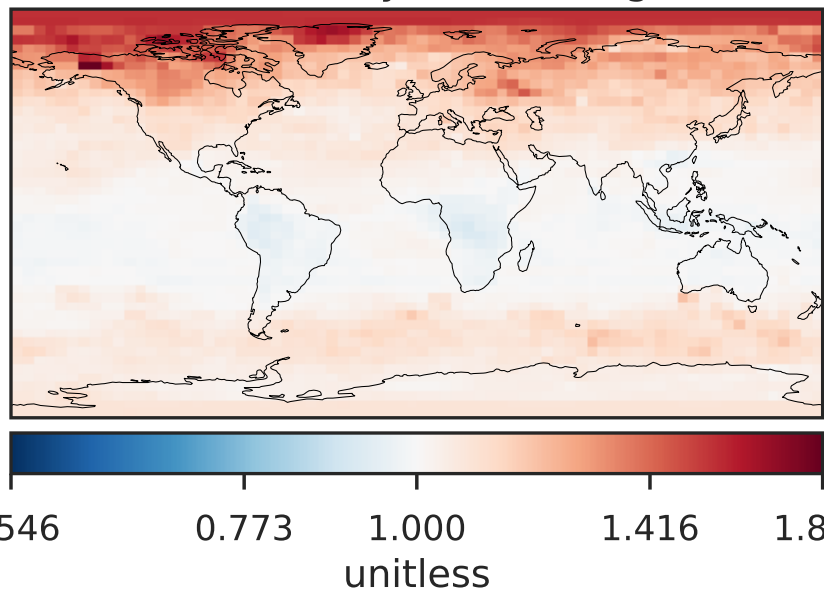
Difference  
Dev - Ref, Dynamic Range



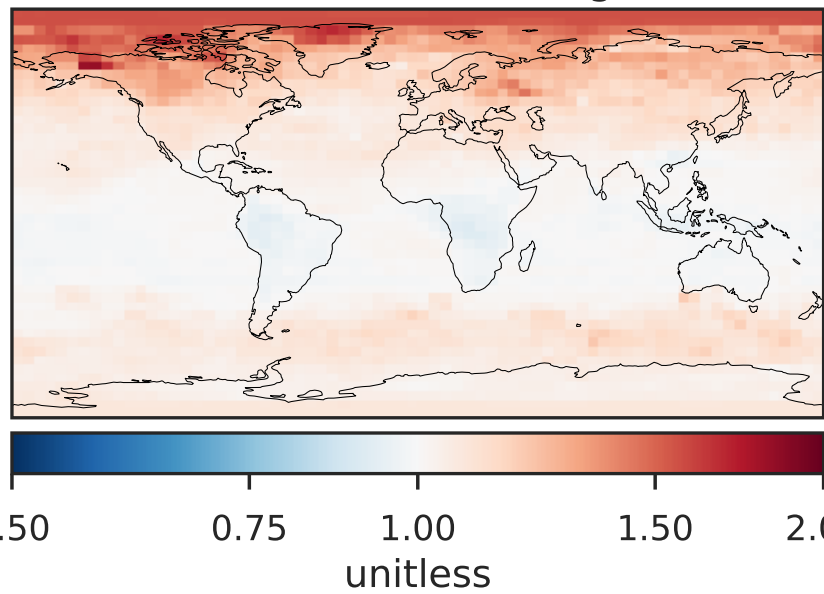
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

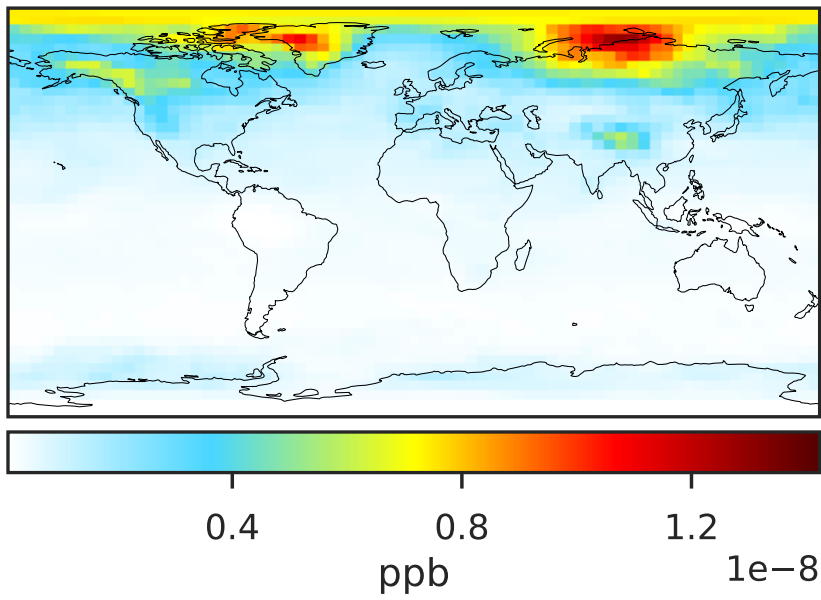


Ratio  
Dev/Ref, Fixed Range

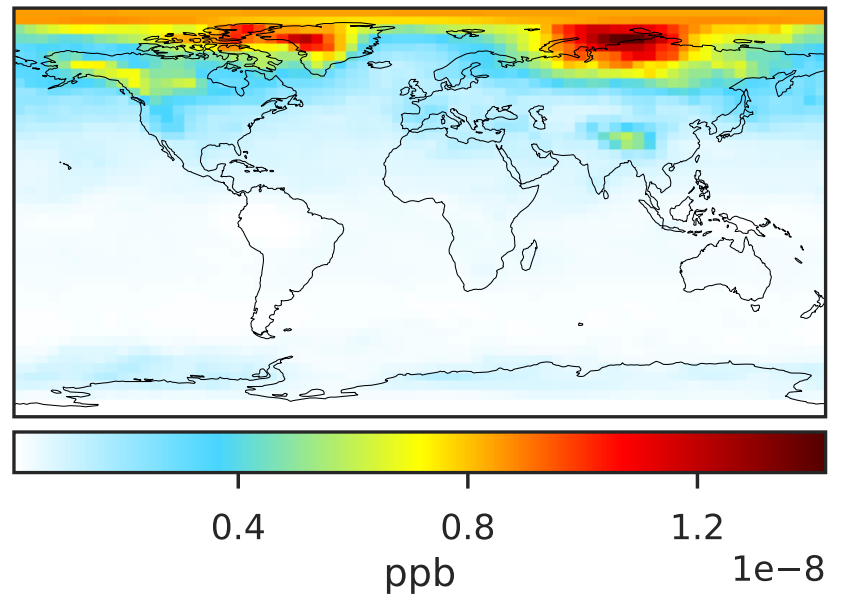


# SpeciesConcVV\_C100 (Apr2019)

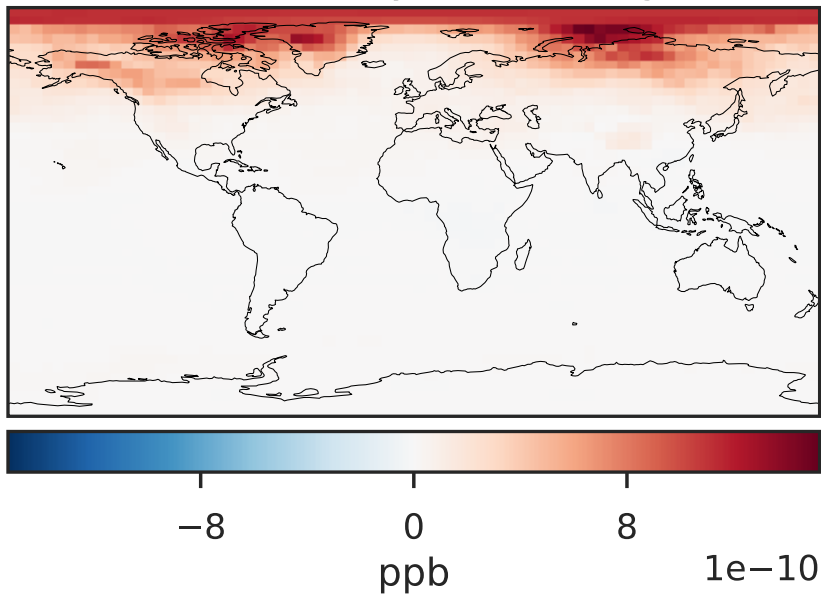
14.2.0-rc.2 (Ref)  
4.0x5.0



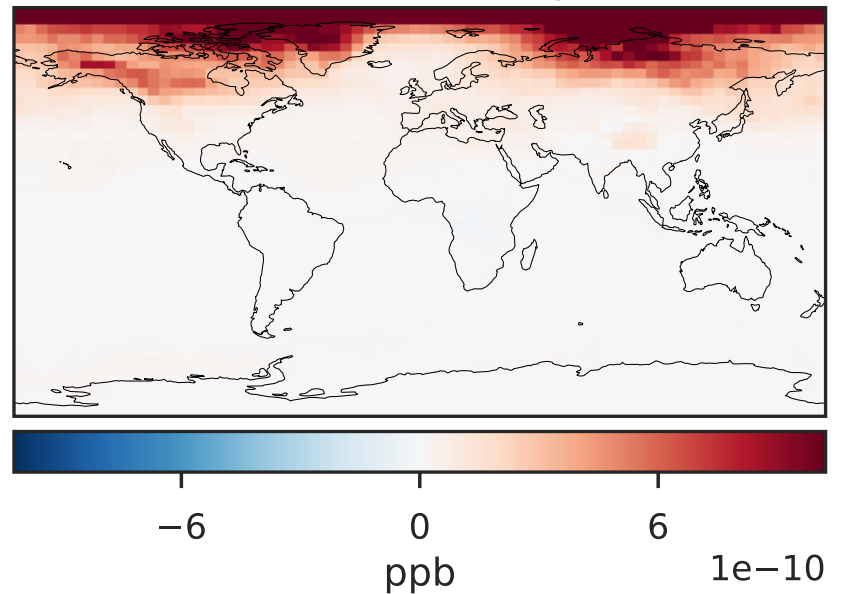
14.3.0-rc.0 (Dev)  
4.0x5.0



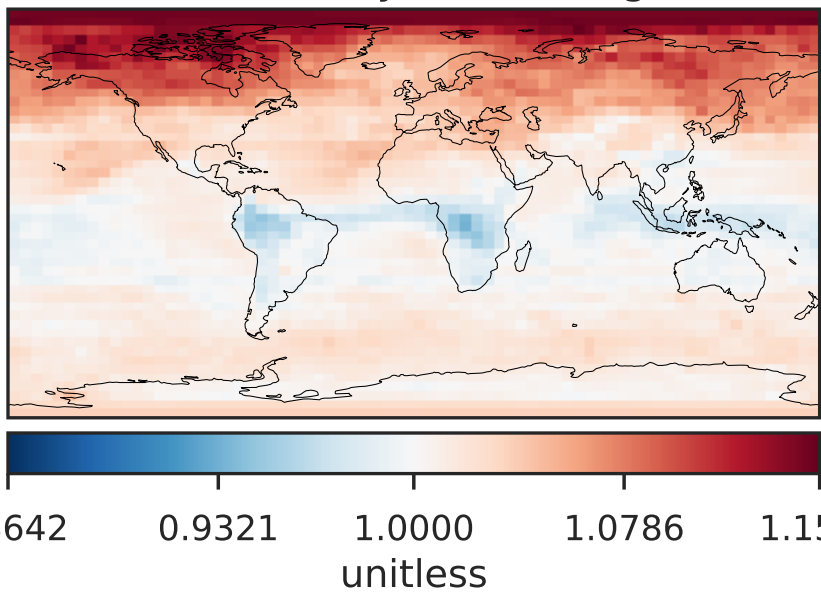
Difference  
Dev - Ref, Dynamic Range



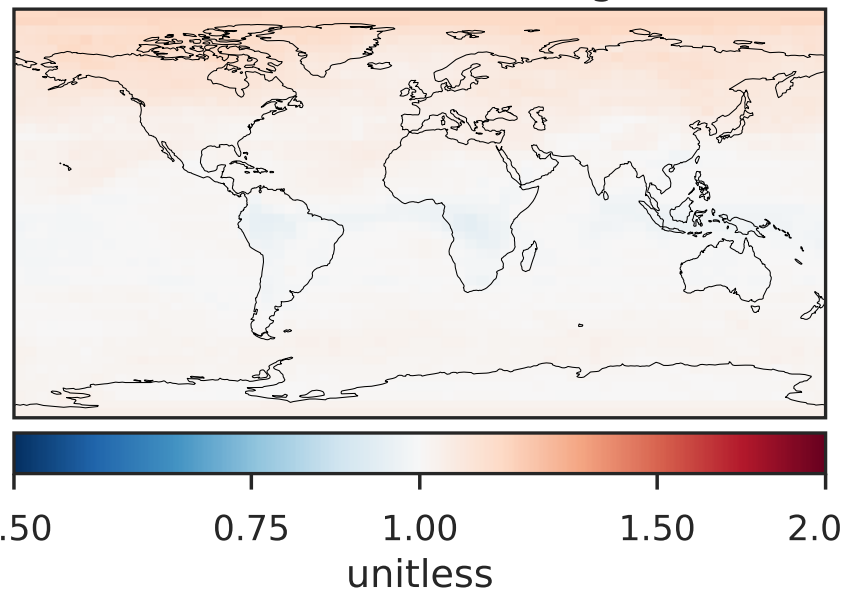
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

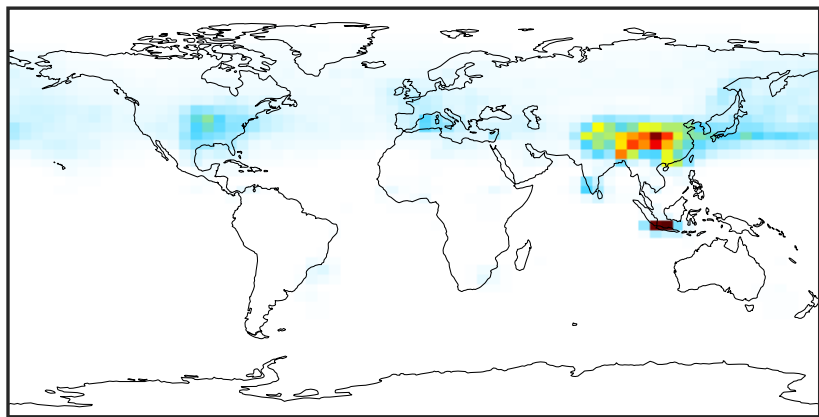


Ratio  
Dev/Ref, Fixed Range



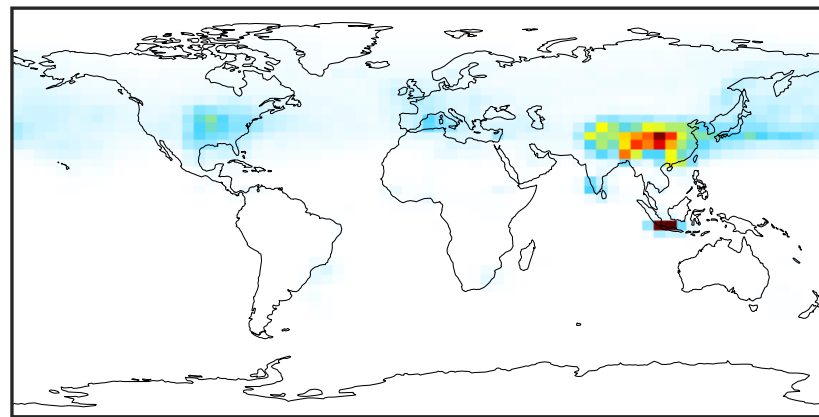
# SpeciesConcVW\_CINO2 (Apr2019)

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



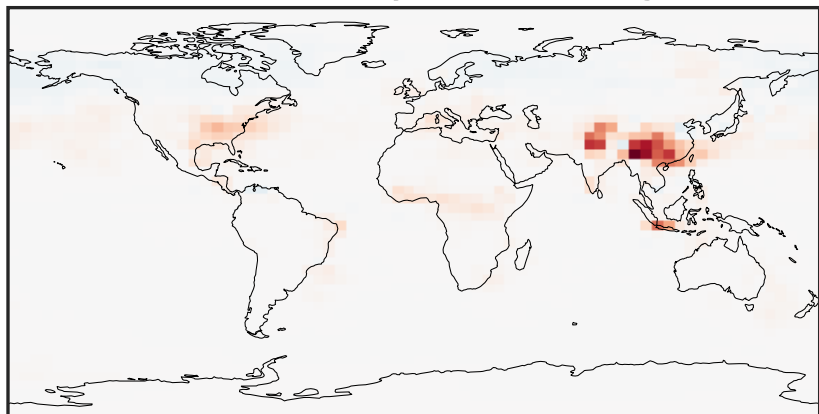
0.00008 0.00016 0.00024  
ppb

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



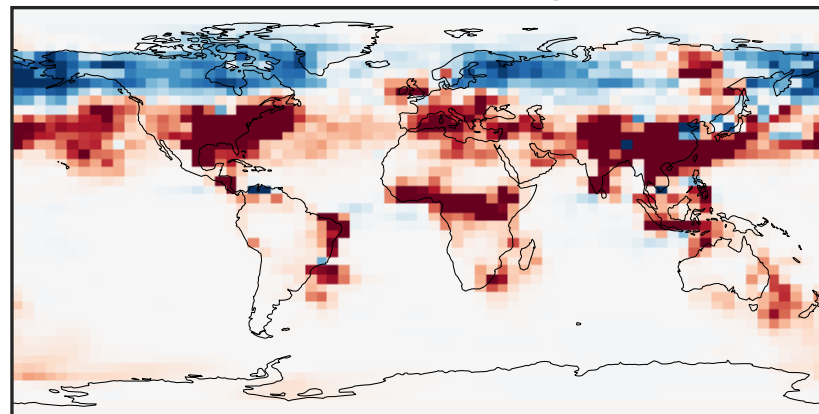
0.00008 0.00016 0.00024  
ppb

Difference  
Dev - Ref, Dynamic Range



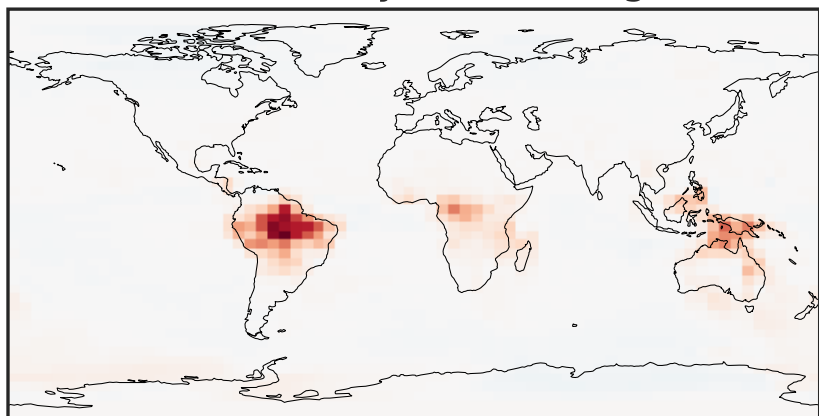
-3 0 3  
ppb  $1e-6$

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



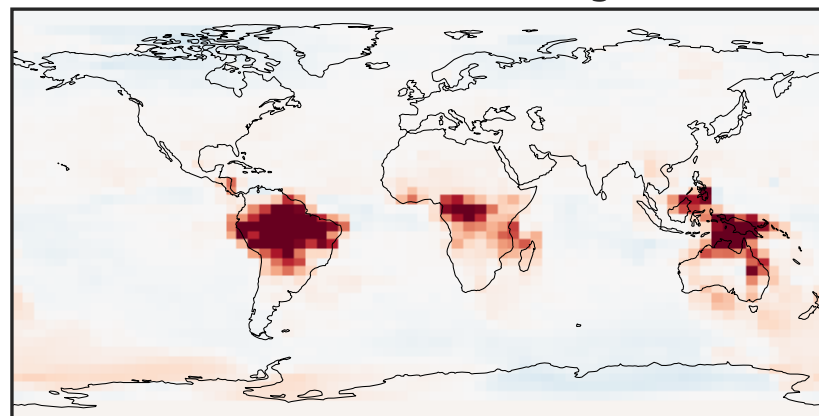
-1.5 0.0 1.5  
ppb  $1e-7$

Ratio  
Dev/Ref, Dynamic Range



0.114 0.557 1.000 4.869 8.738  
unitless

Ratio  
Dev/Ref, Fixed Range

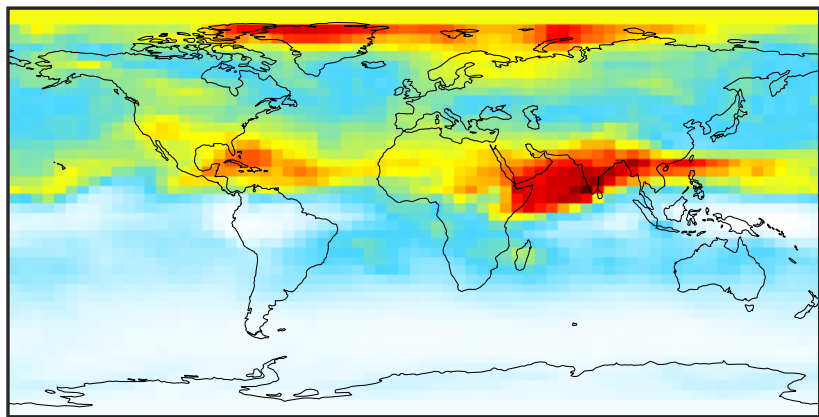


0.50 0.75 1.00 1.50 2.00  
unitless



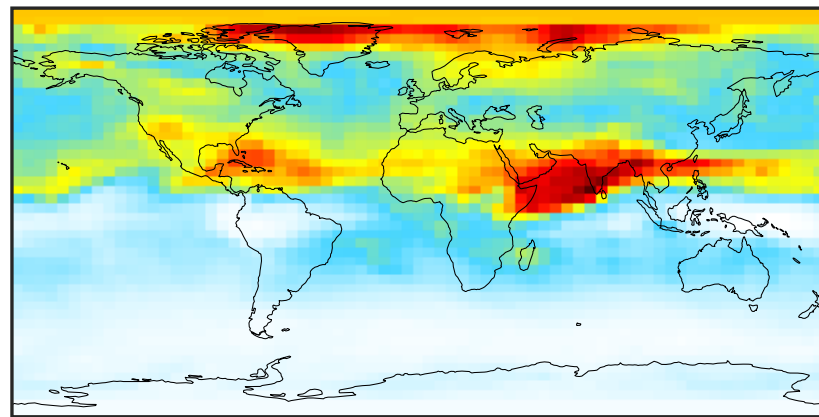
# SpeciesConcVW\_CINO3 (Apr2019)

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



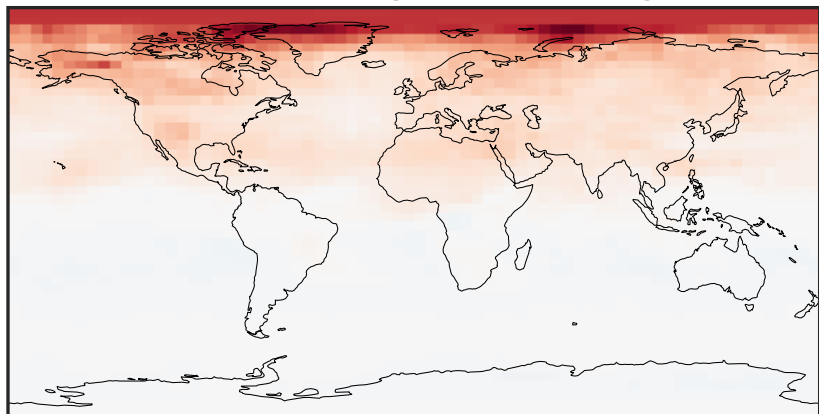
0.0003 0.0006 0.0009 0.0012  
ppb

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



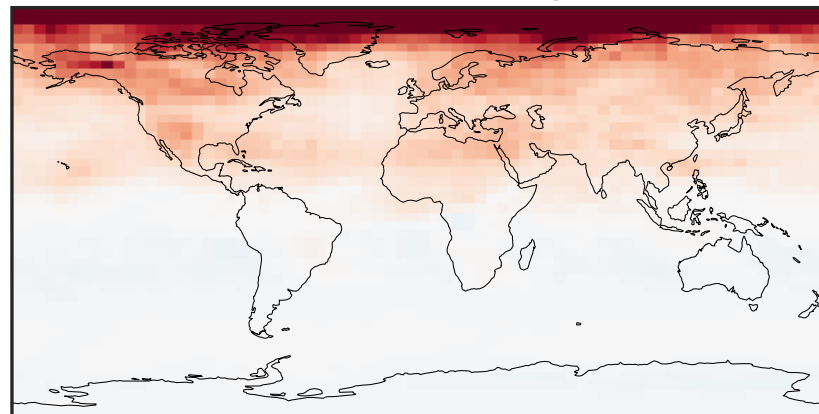
0.0003 0.0006 0.0009 0.0012  
ppb

Difference  
Dev - Ref, Dynamic Range



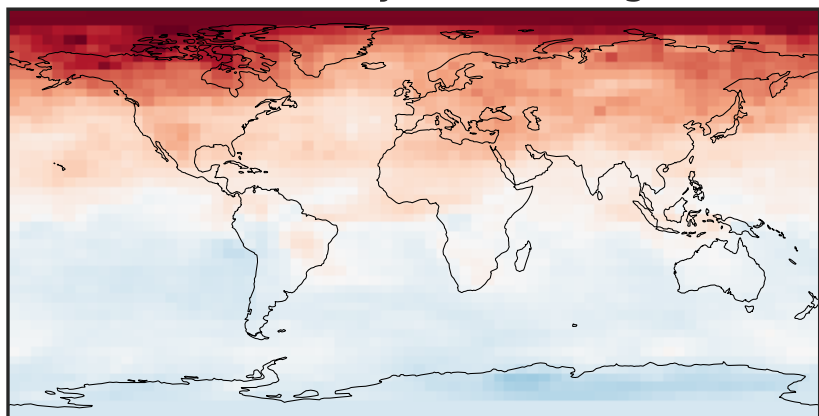
-6 0 6  
ppb  $1e-5$

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



-5 0 5  
ppb  $1e-5$

Ratio  
Dev/Ref, Dynamic Range



0.8740 0.9370 1.0000 1.0721 1.1442  
unitless

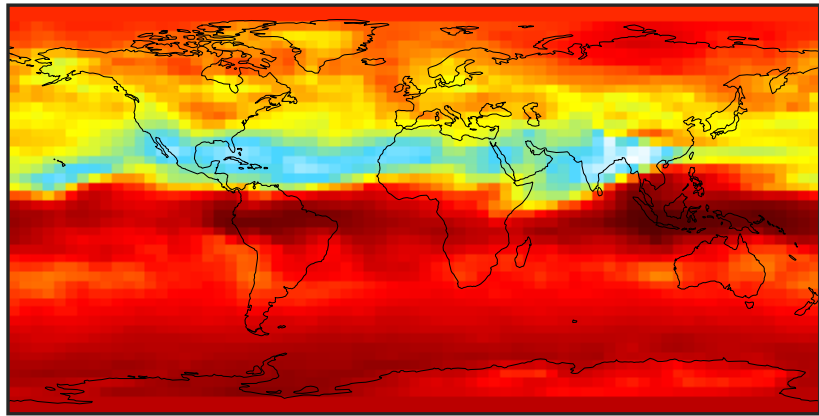
Ratio  
Dev/Ref, Fixed Range



0.50 0.75 1.00 1.50 2.00  
unitless

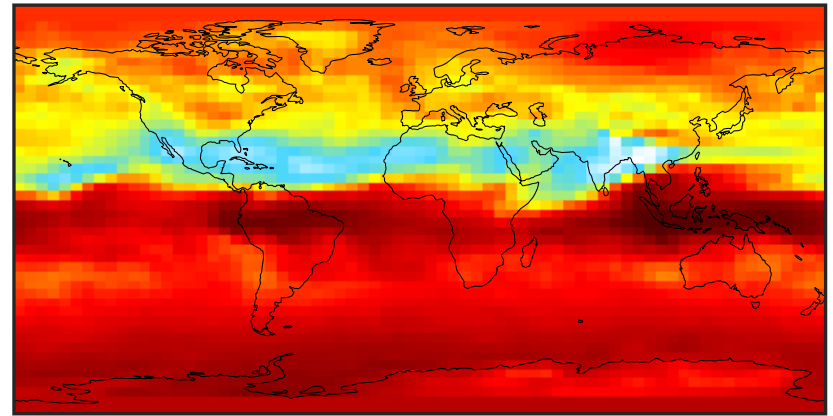
# SpeciesConcVV\_CCl4 (Apr2019)

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



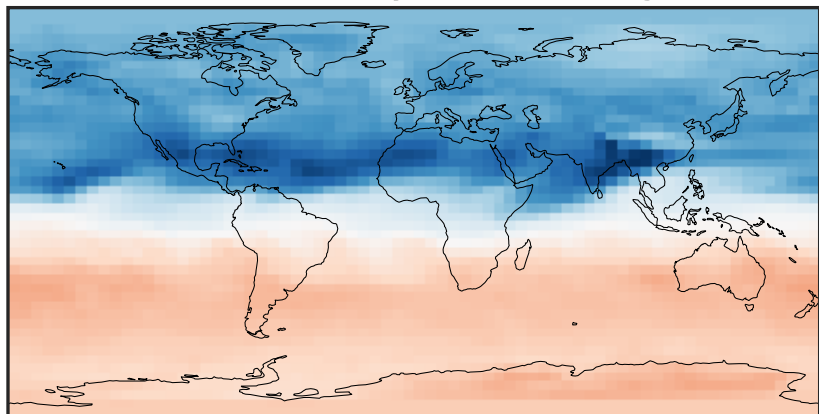
0.07690 0.07705 0.07720 0.07735  
ppb

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



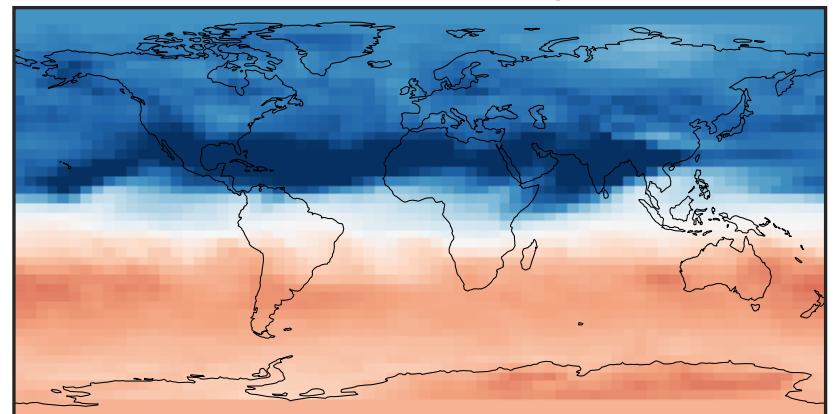
0.07690 0.07705 0.07720 0.07735  
ppb

Difference  
Dev - Ref, Dynamic Range



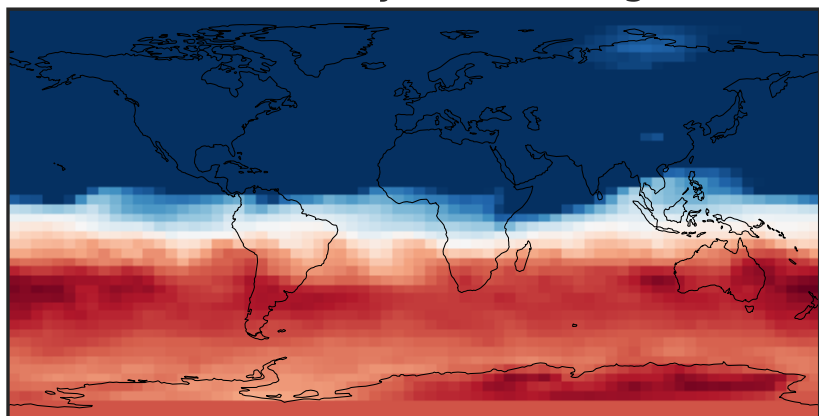
-3 0 3  
ppb  $1e-6$

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



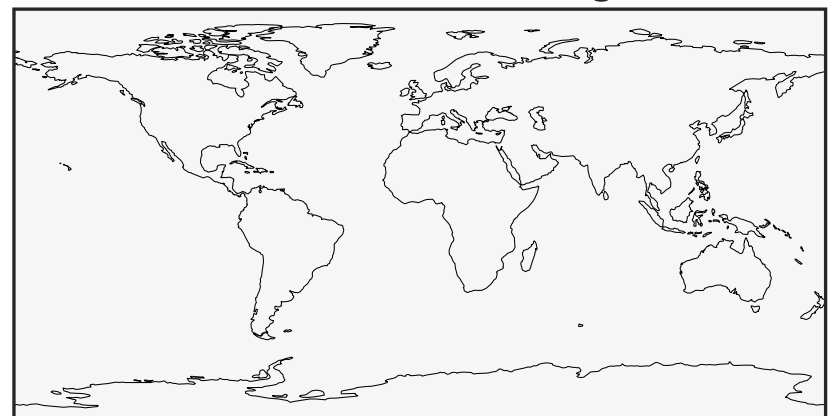
-2 0 2  
ppb  $1e-6$

Ratio  
Dev/Ref, Dynamic Range



0.99997282 1.0000000 1.00002718  
unitless

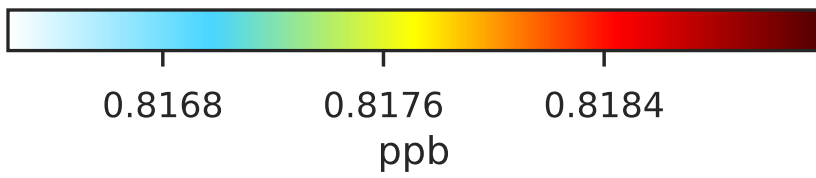
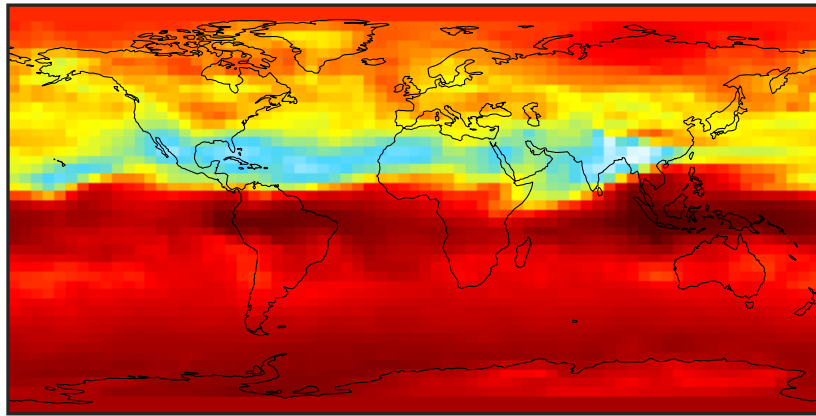
Ratio  
Dev/Ref, Fixed Range



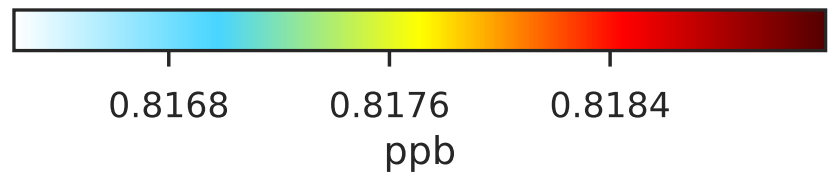
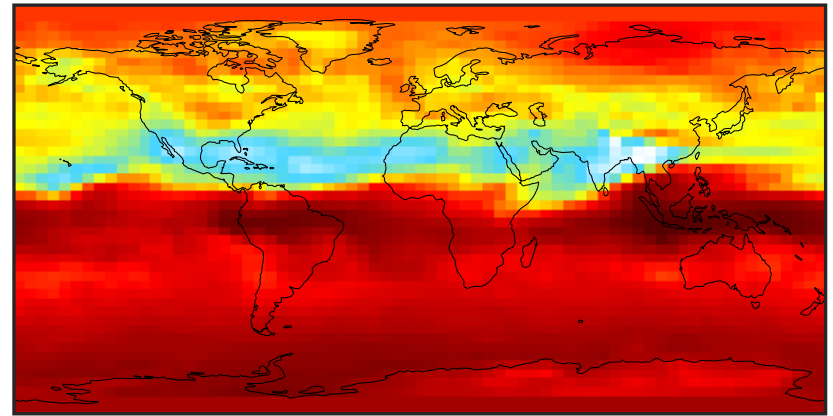
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_CFCs (Apr2019)

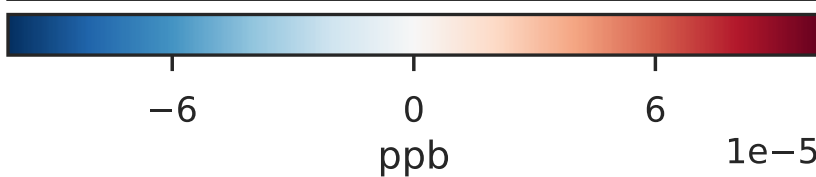
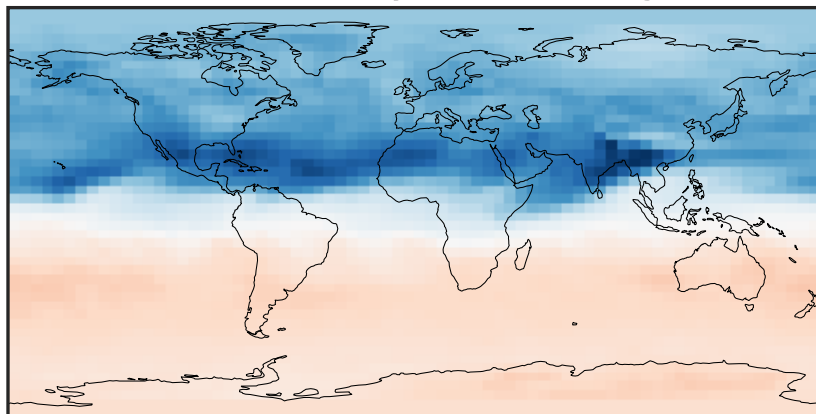
14.2.0-rc.2 (Ref)  
4.0x5.0



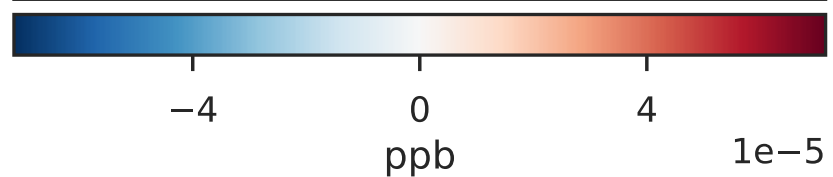
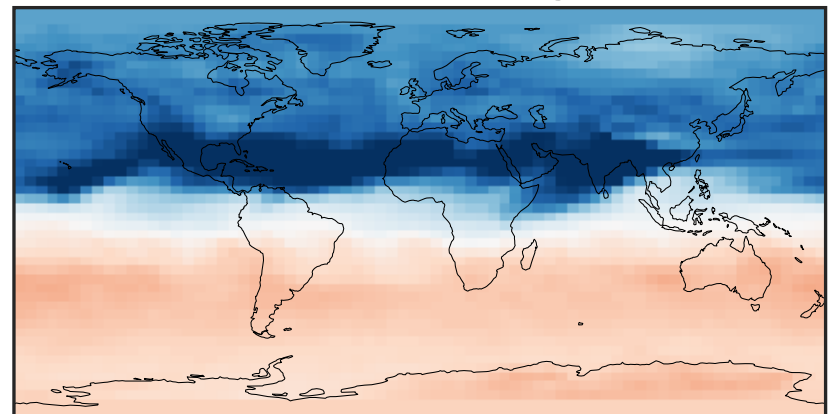
14.3.0-rc.0 (Dev)  
4.0x5.0



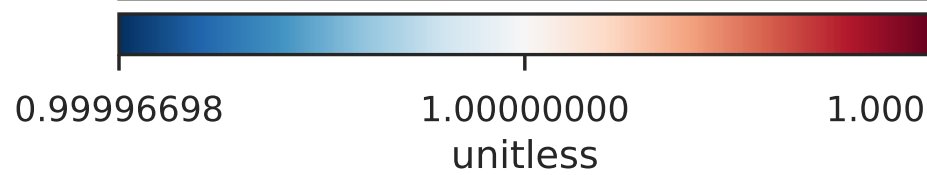
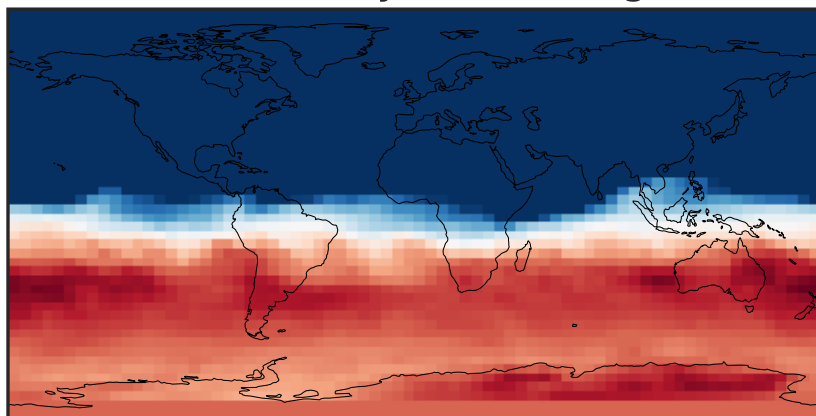
Difference  
Dev - Ref, Dynamic Range



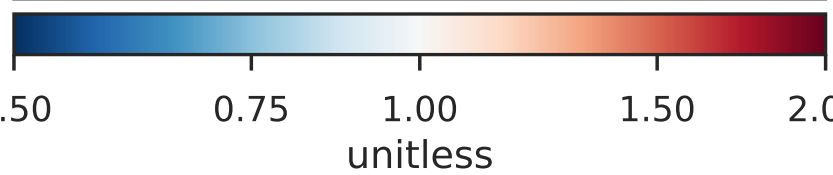
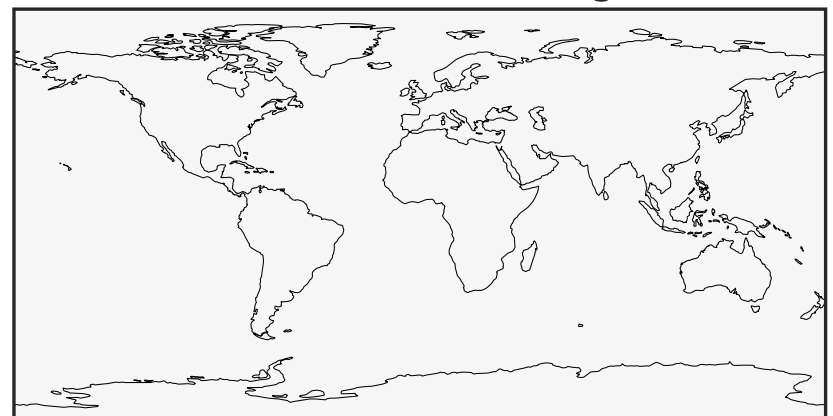
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

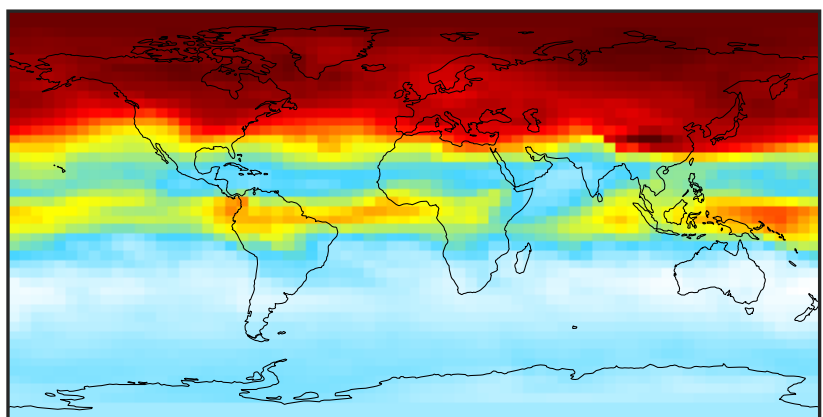


Ratio  
Dev/Ref, Fixed Range



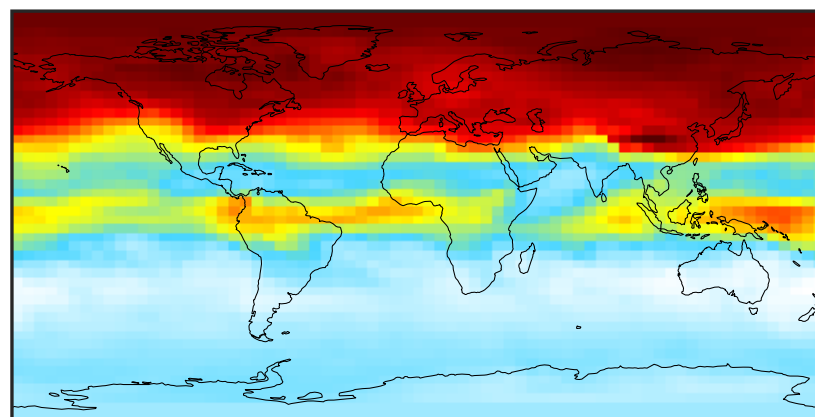
# SpeciesConcVV\_CH3Cl (Apr2019)

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



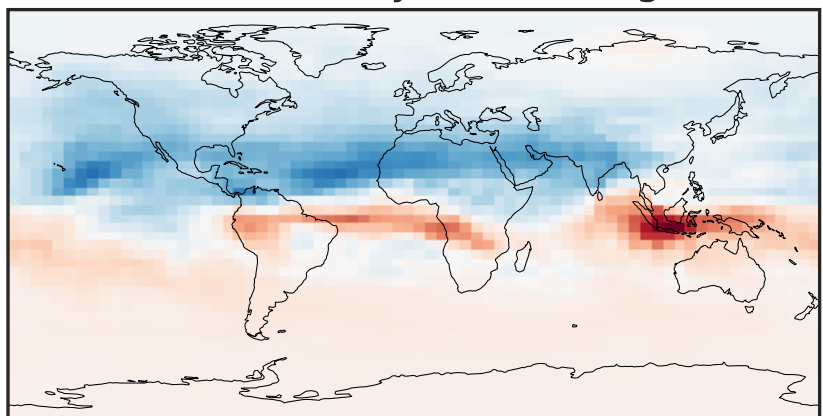
0.510 0.525 0.540 0.555  
ppb

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



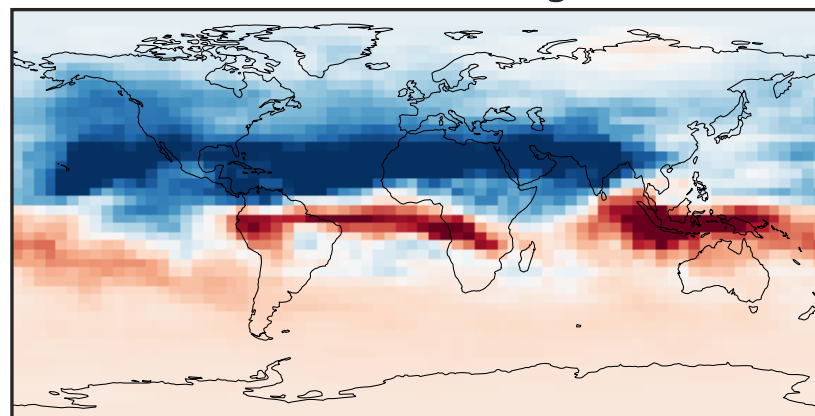
0.510 0.525 0.540 0.555  
ppb

Difference  
Dev - Ref, Dynamic Range



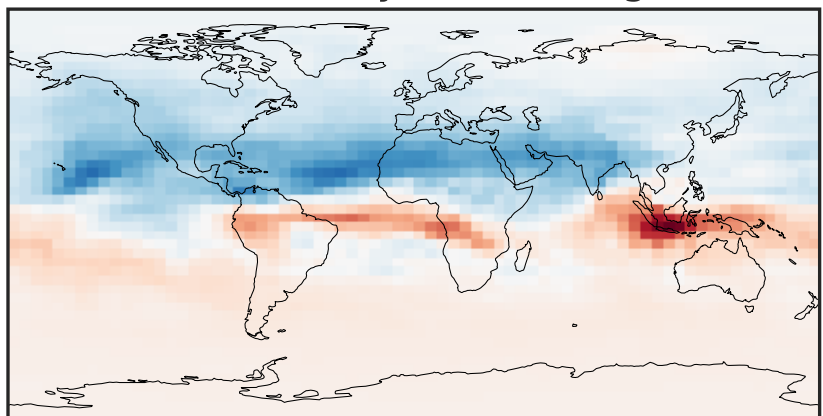
-0.0002 0.0000 0.0002  
ppb

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



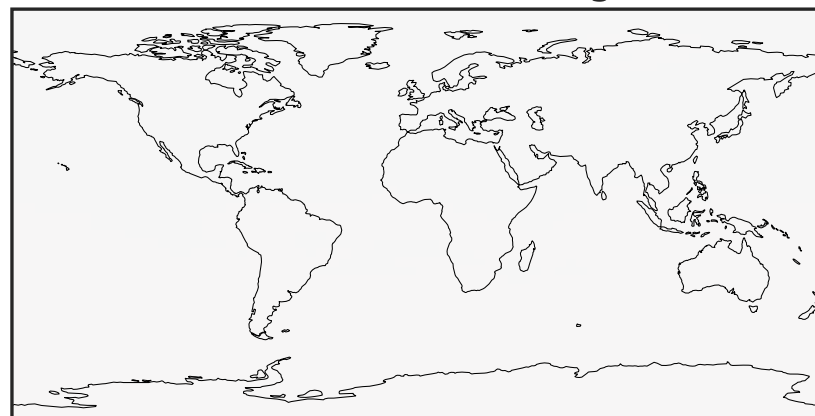
-8 0 8  
ppb  $1e-5$

Ratio  
Dev/Ref, Dynamic Range



0.999366 1.000000 1.000634  
unitless

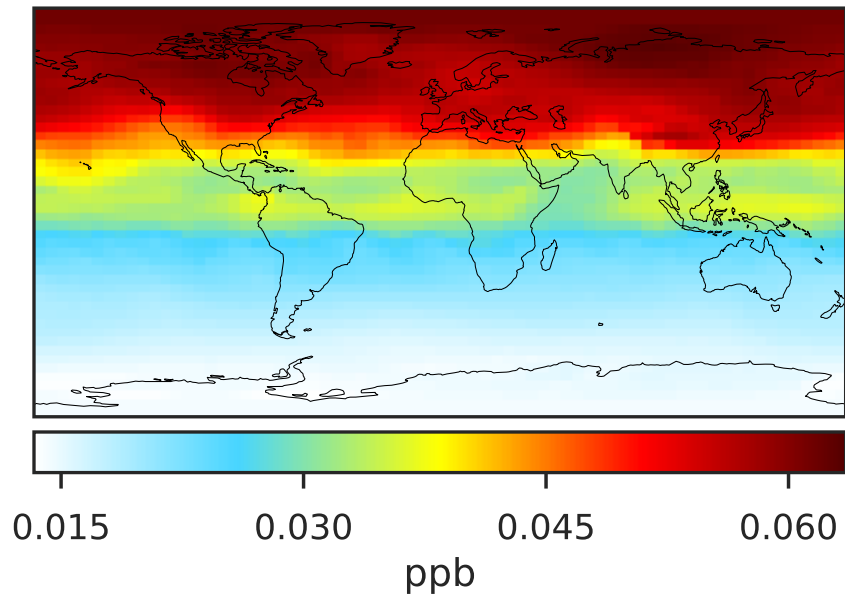
Ratio  
Dev/Ref, Fixed Range



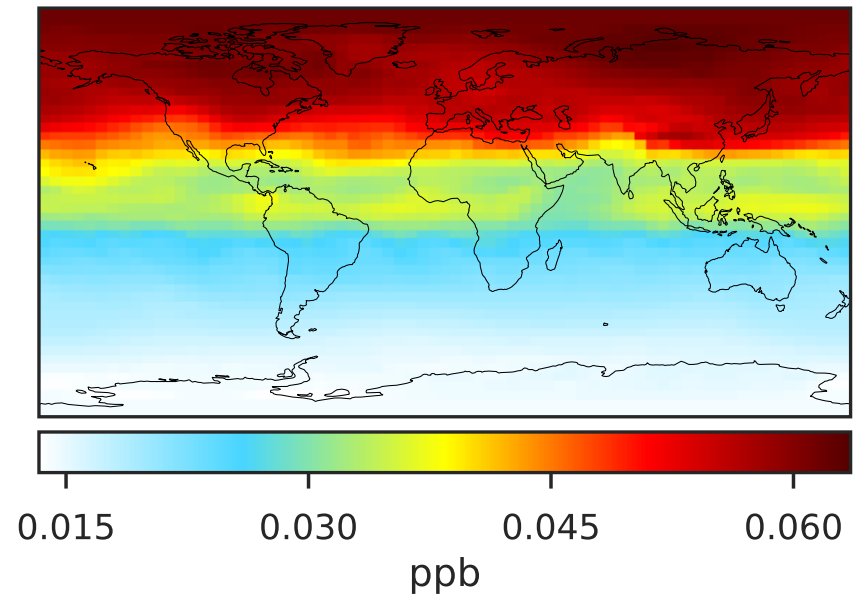
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_CH2Cl2 (Apr2019)

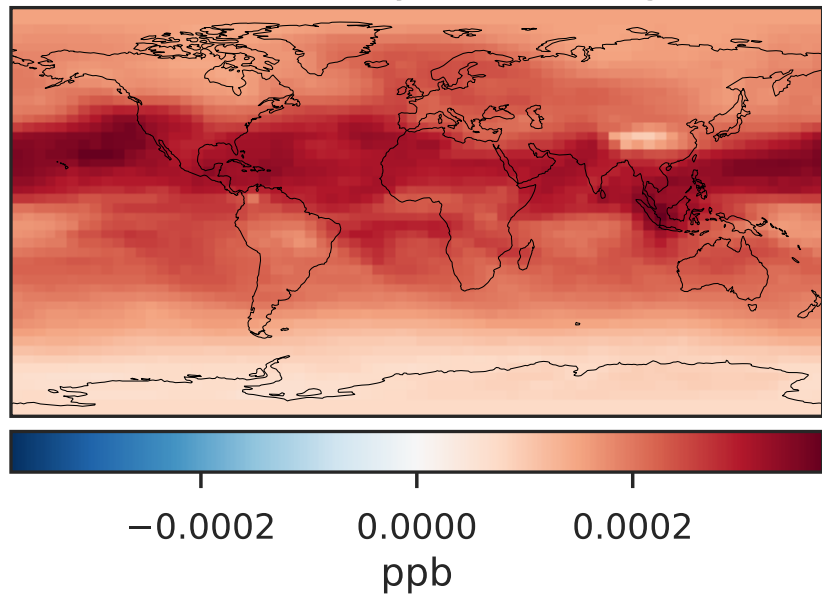
14.2.0-rc.2 (Ref)  
4.0x5.0



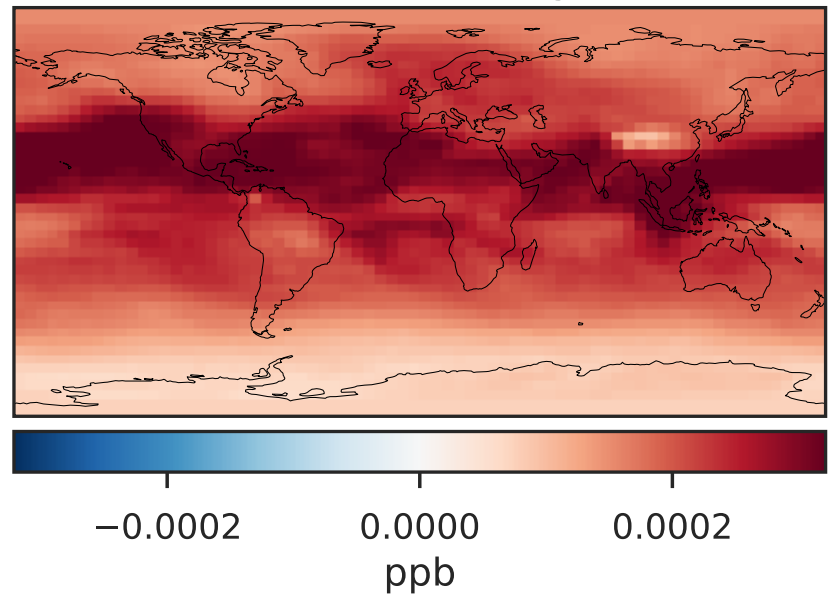
14.3.0-rc.0 (Dev)  
4.0x5.0



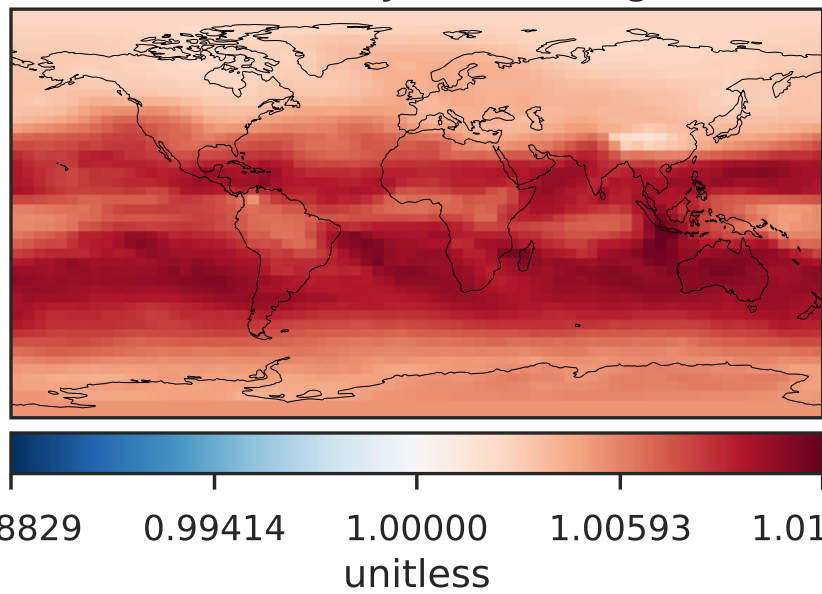
Difference  
Dev - Ref, Dynamic Range



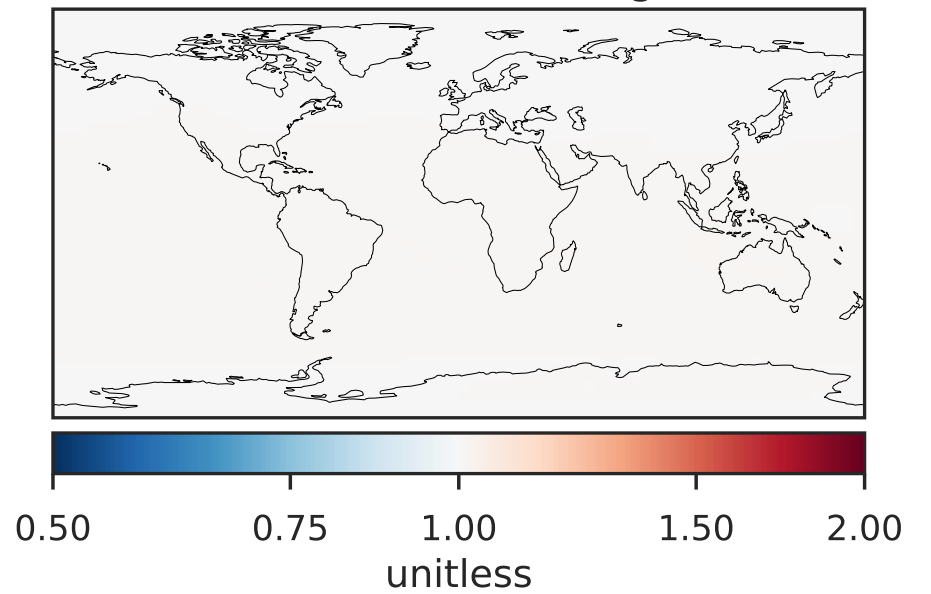
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

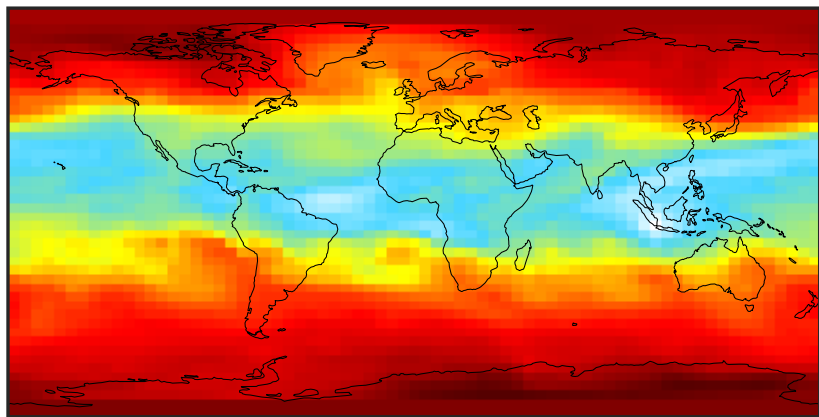


Ratio  
Dev/Ref, Fixed Range



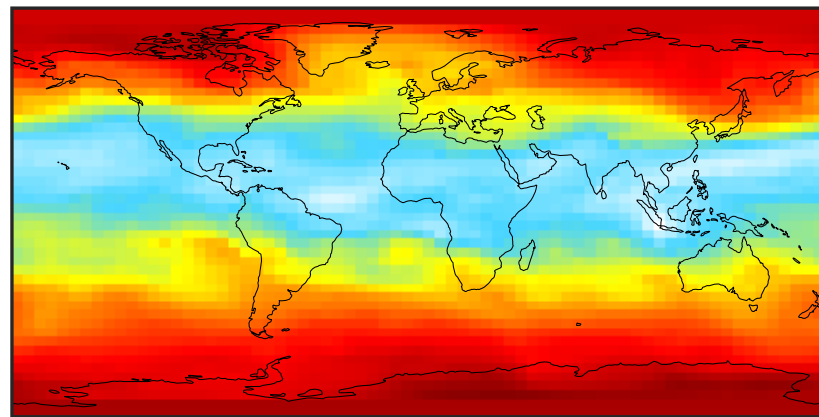
# SpeciesConcVV\_CH3CCI3 (Apr2019)

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



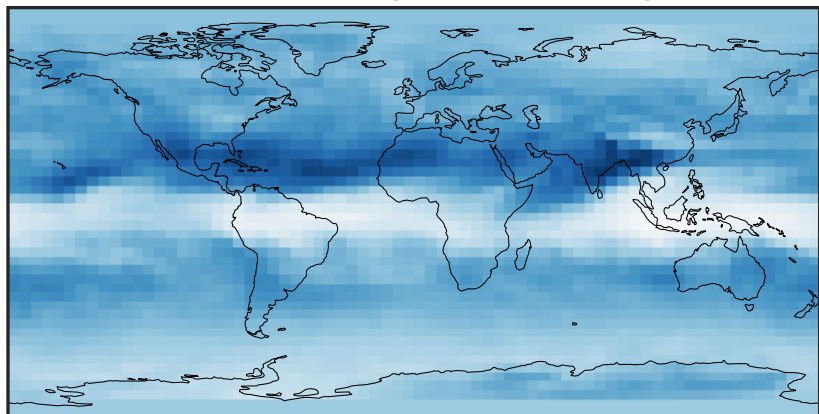
0.001422 0.001428 0.001434 0.001440  
ppb

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



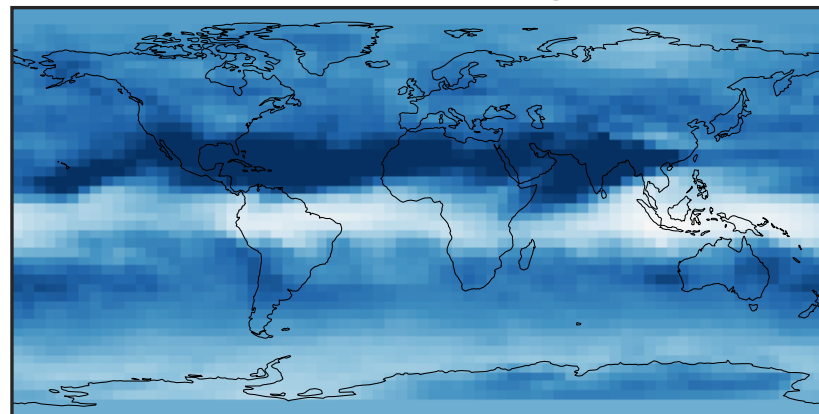
0.001422 0.001428 0.001434 0.001440  
ppb

Difference  
Dev - Ref, Dynamic Range



-2 0 2  
ppb  $1e-6$

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



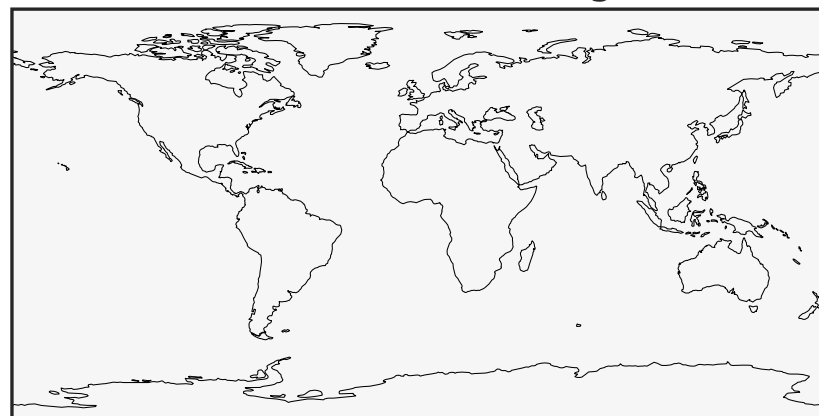
-1.5 0.0 1.5  
ppb  $1e-6$

Ratio  
Dev/Ref, Dynamic Range



0.99999309 1.0000000 1.00000691  
unitless

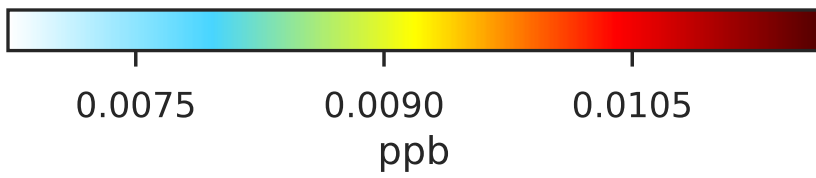
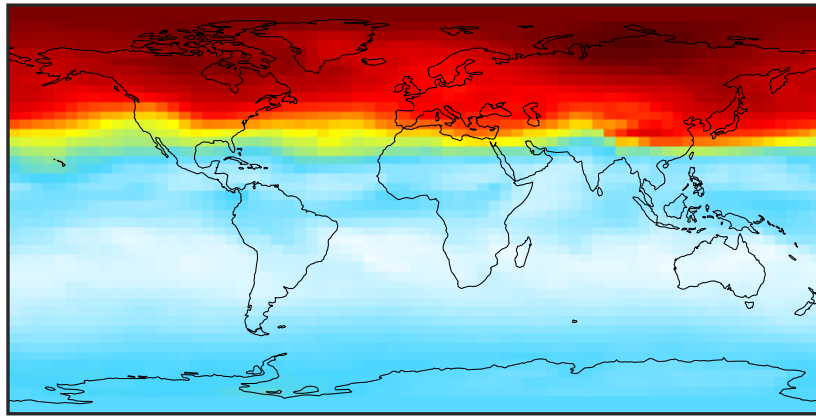
Ratio  
Dev/Ref, Fixed Range



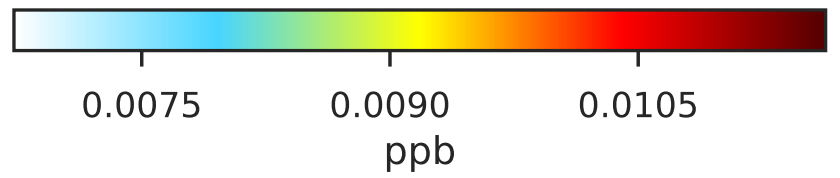
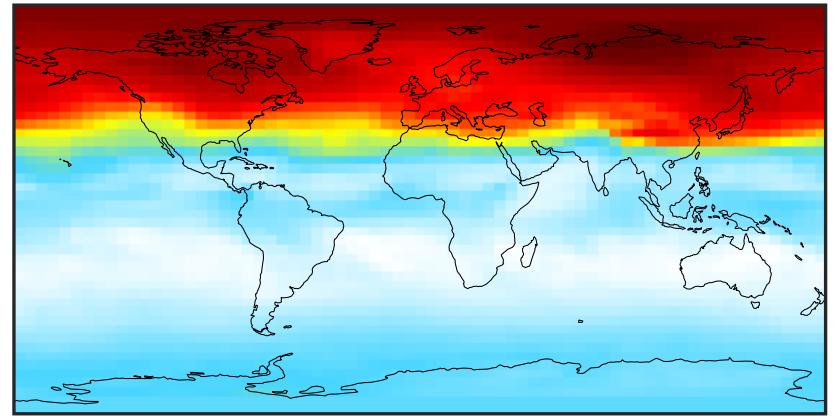
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_CHCl3 (Apr2019)

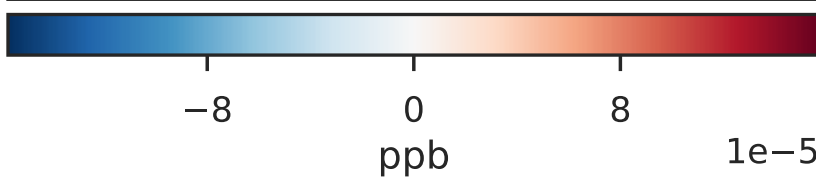
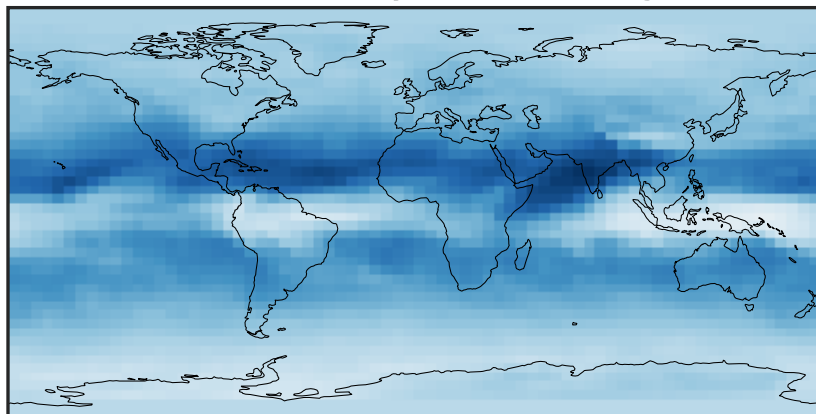
14.2.0-rc.2 (Ref)  
4.0x5.0



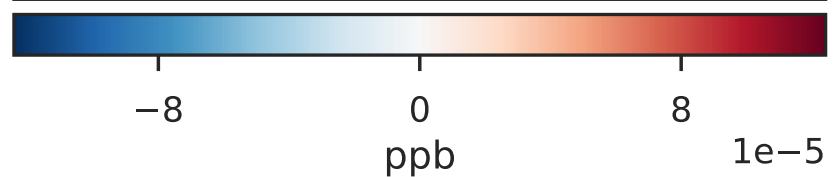
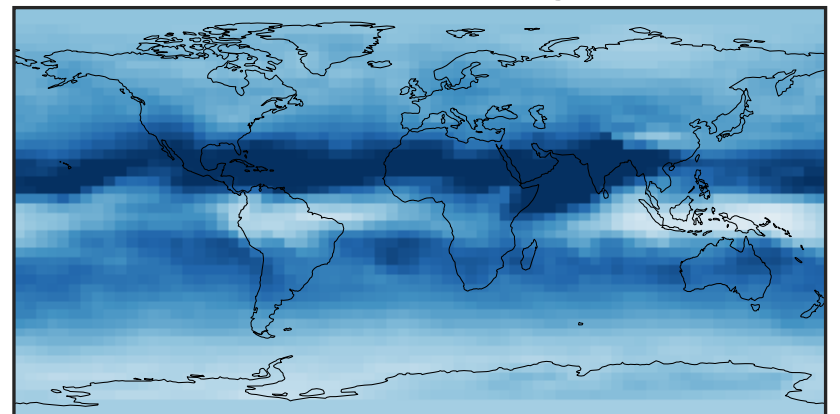
14.3.0-rc.0 (Dev)  
4.0x5.0



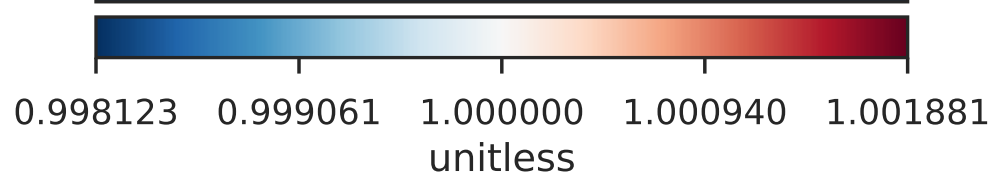
Difference  
Dev - Ref, Dynamic Range



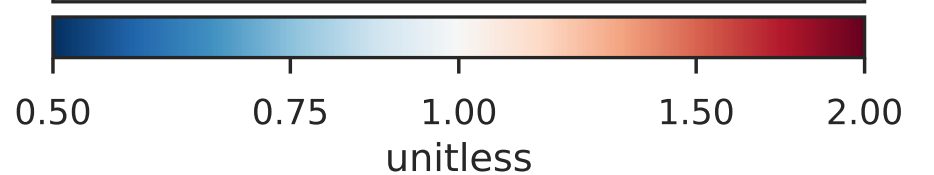
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

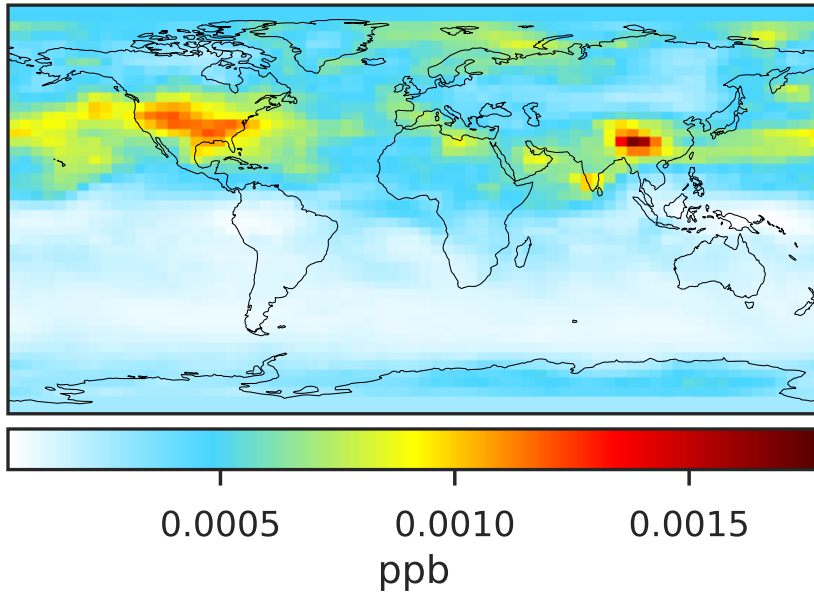


Ratio  
Dev/Ref, Fixed Range

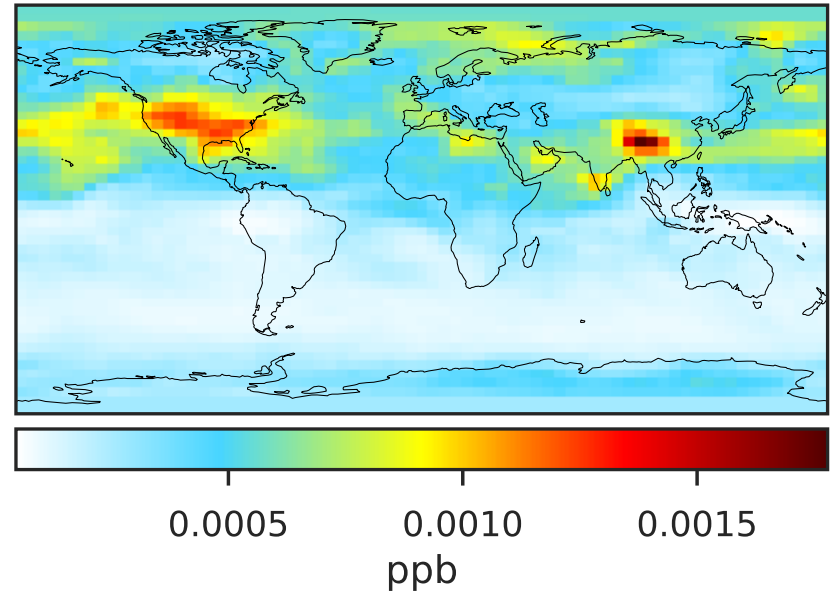


# SpeciesConcVV\_HOCl (Apr2019)

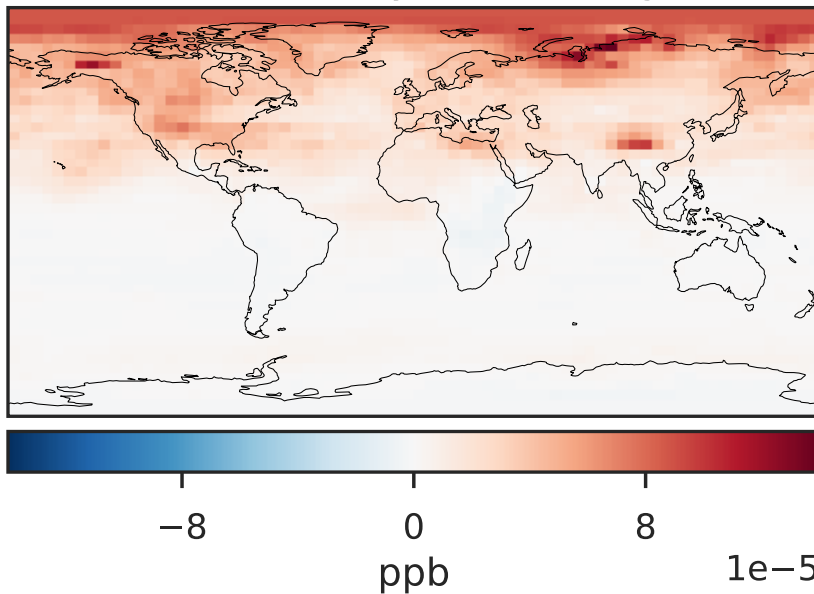
14.2.0-rc.2 (Ref)  
4.0x5.0



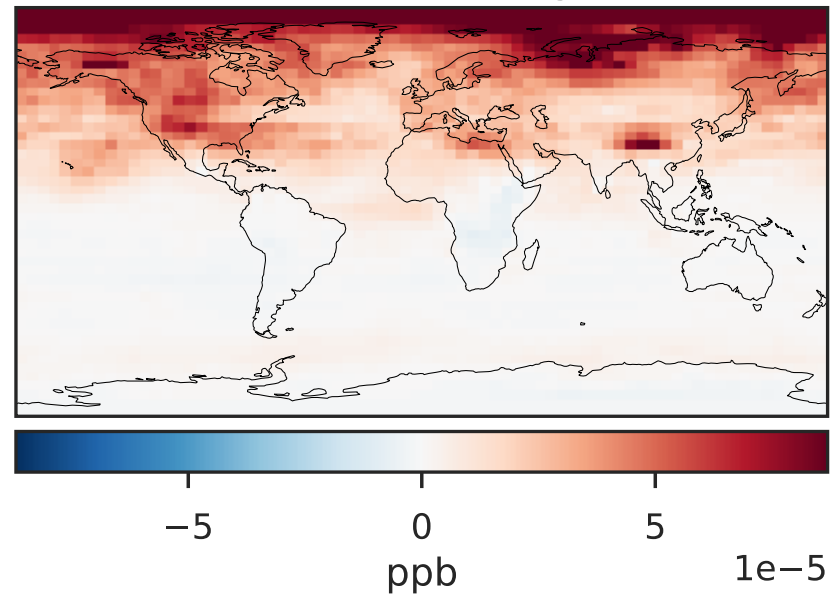
14.3.0-rc.0 (Dev)  
4.0x5.0



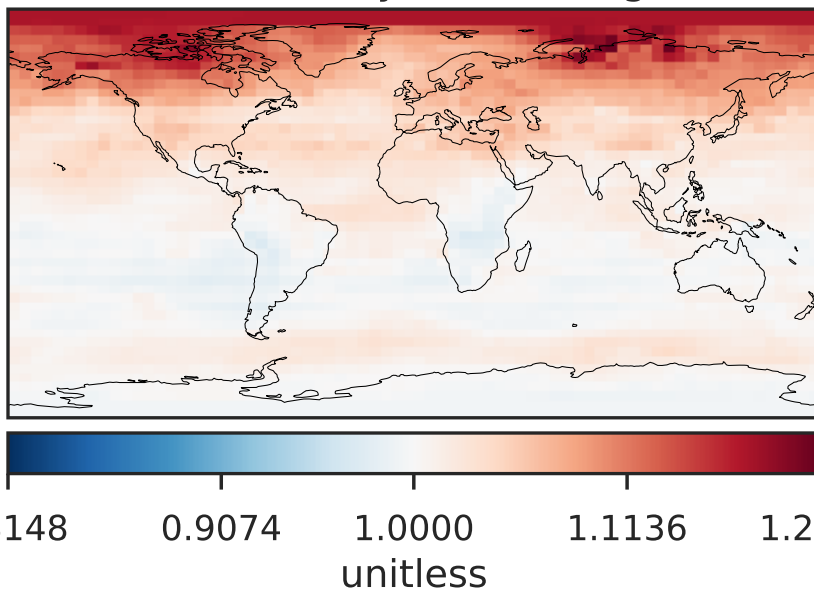
Difference  
Dev - Ref, Dynamic Range



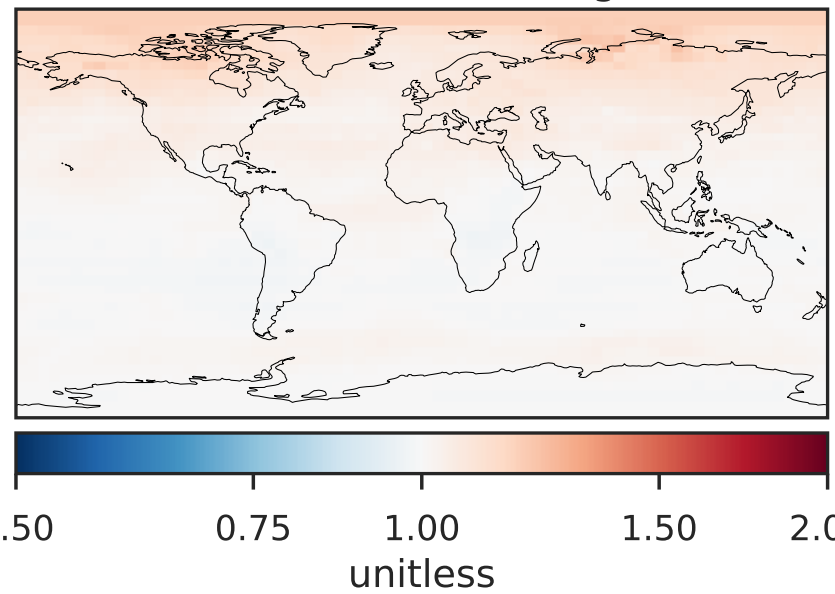
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range



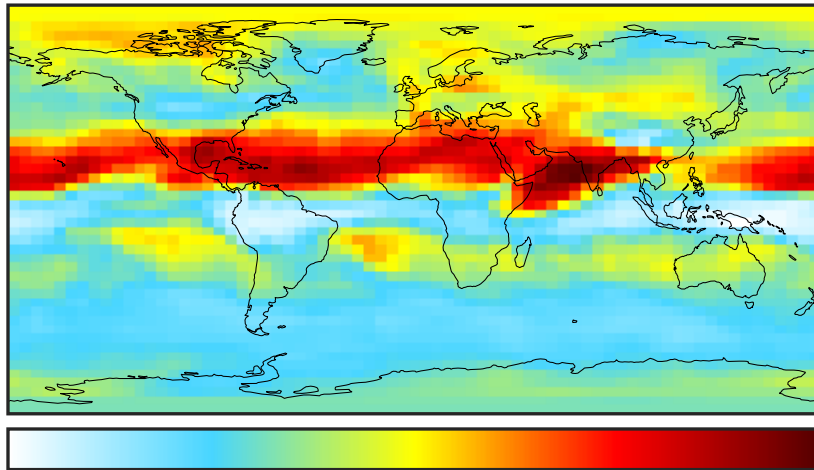
Ratio  
Dev/Ref, Fixed Range





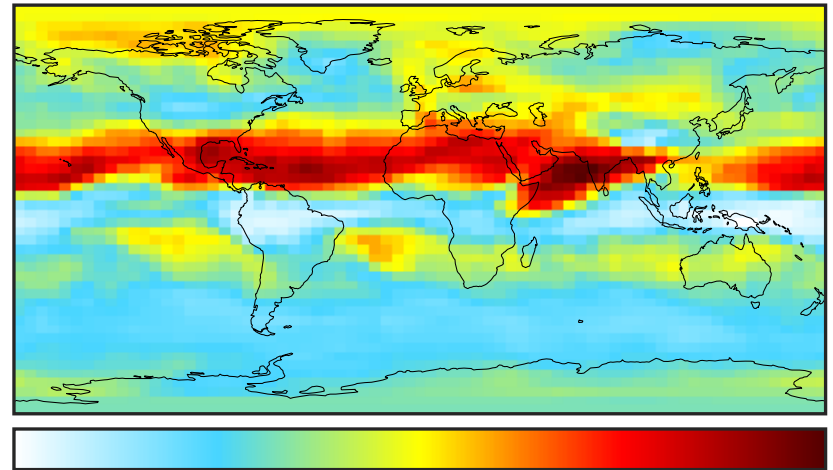
# SpeciesConcVW\_HCl (Apr2019)

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



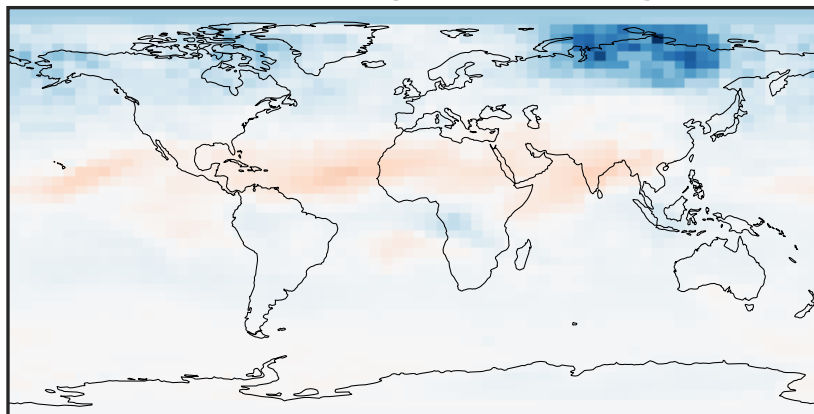
0.015 0.030  
ppb

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



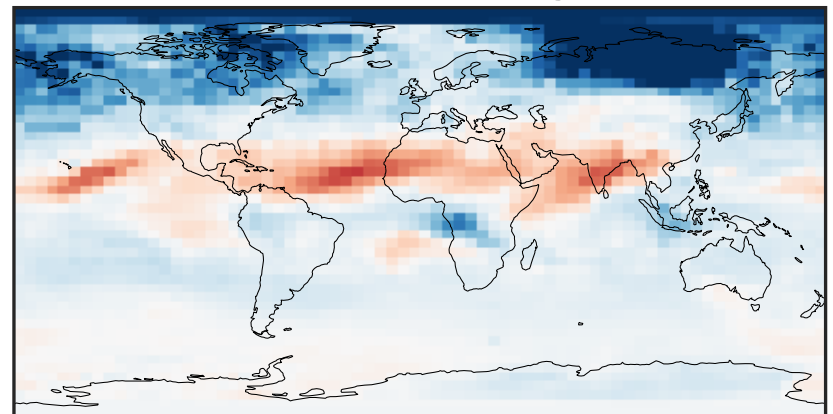
0.015 0.030  
ppb

Difference  
Dev - Ref, Dynamic Range



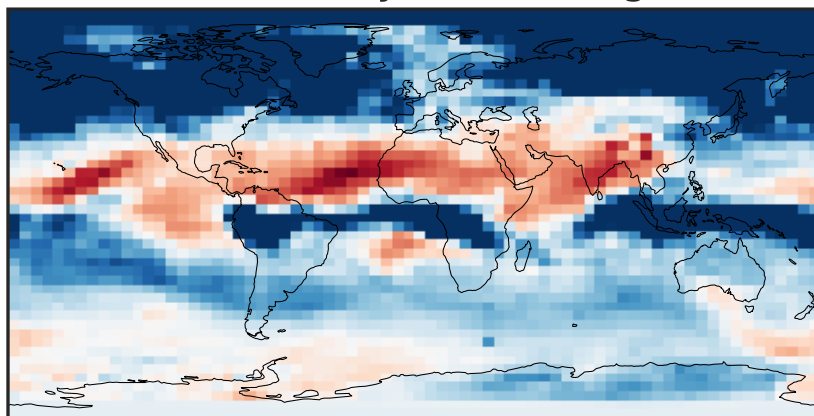
-0.0005 0.0000 0.0005  
ppb

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



-0.0002 0.0000 0.0002  
ppb

Ratio  
Dev/Ref, Dynamic Range



0.99330 0.99665 1.00000 1.00337 1.00675  
unitless

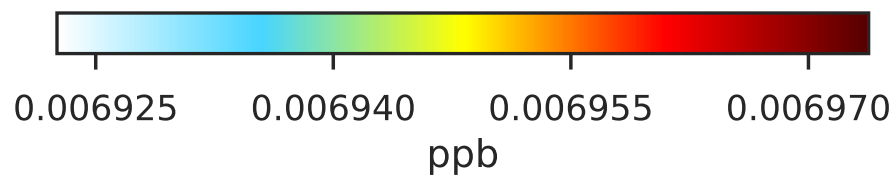
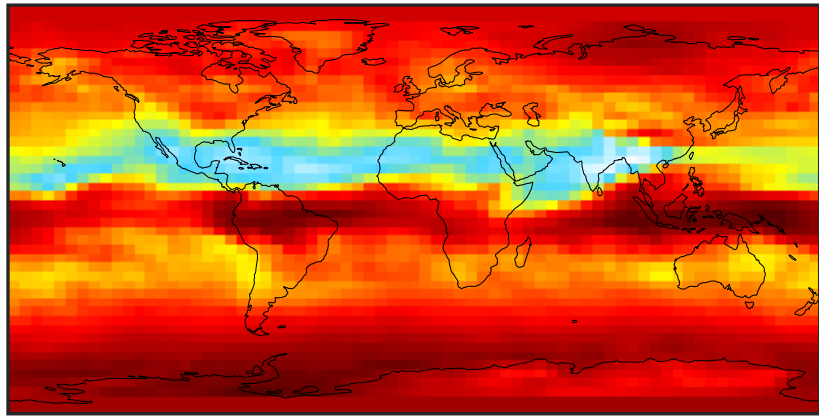
Ratio  
Dev/Ref, Fixed Range



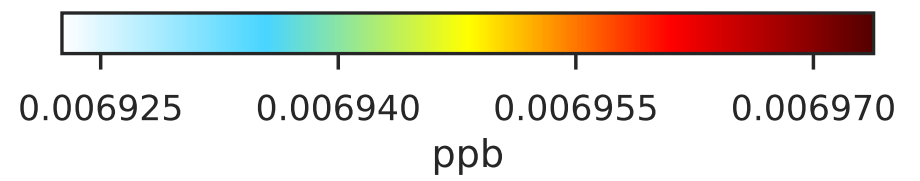
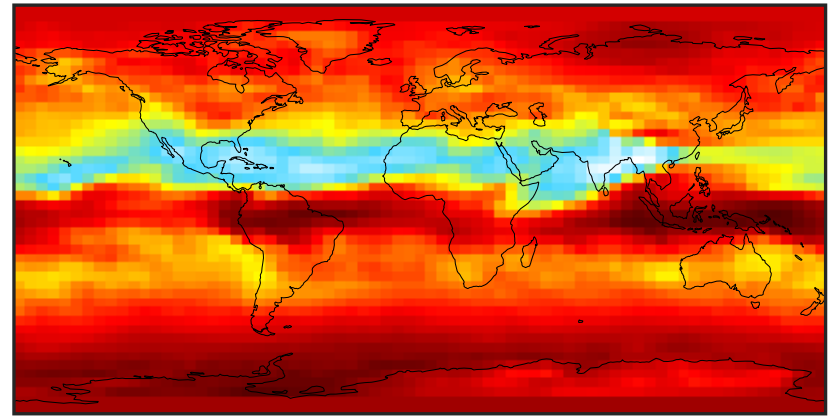
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_Halons (Apr2019)

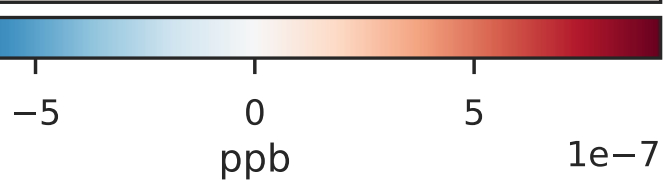
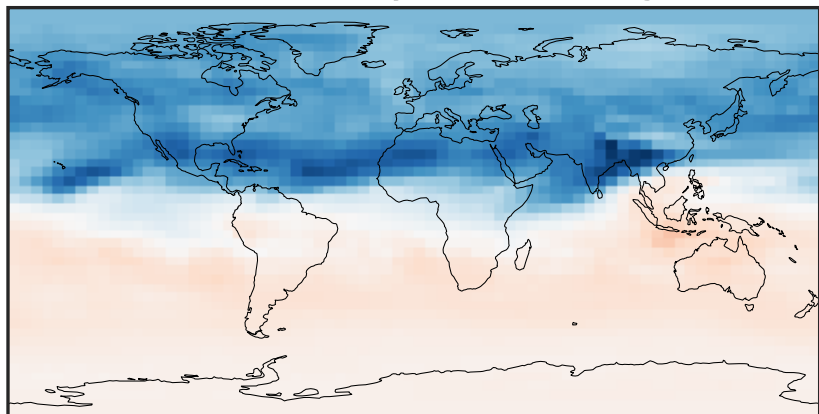
14.2.0-rc.2 (Ref)  
4.0x5.0



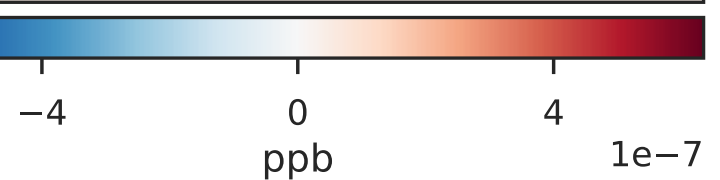
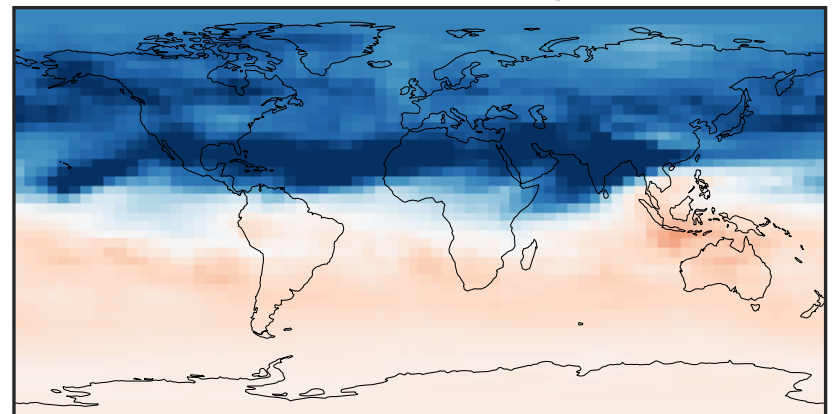
14.3.0-rc.0 (Dev)  
4.0x5.0



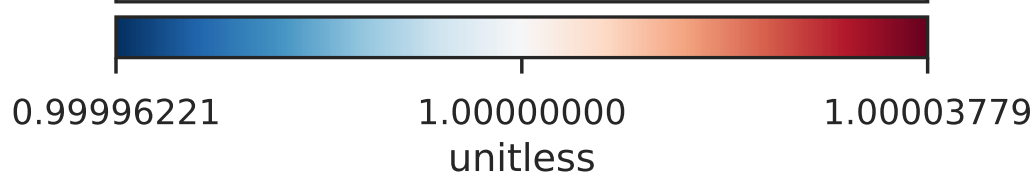
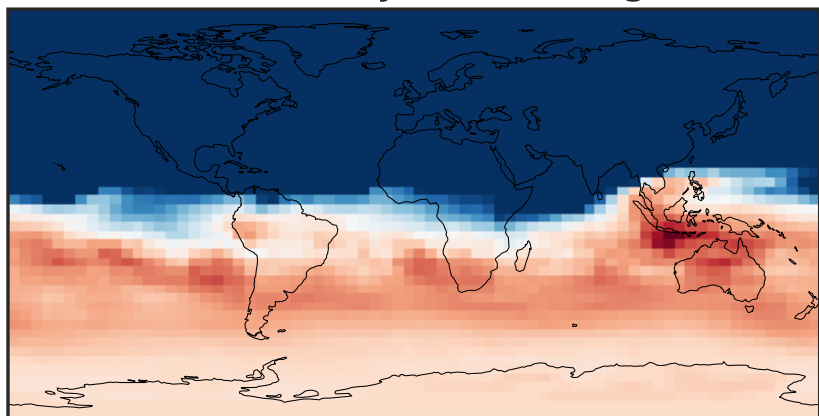
Difference  
Dev - Ref, Dynamic Range



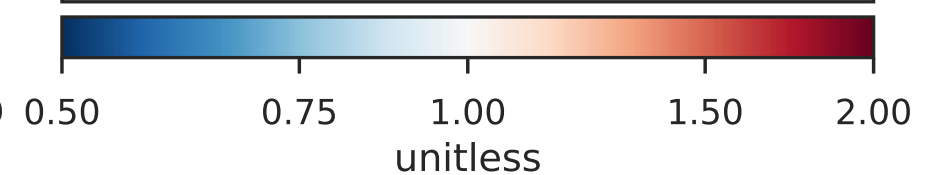
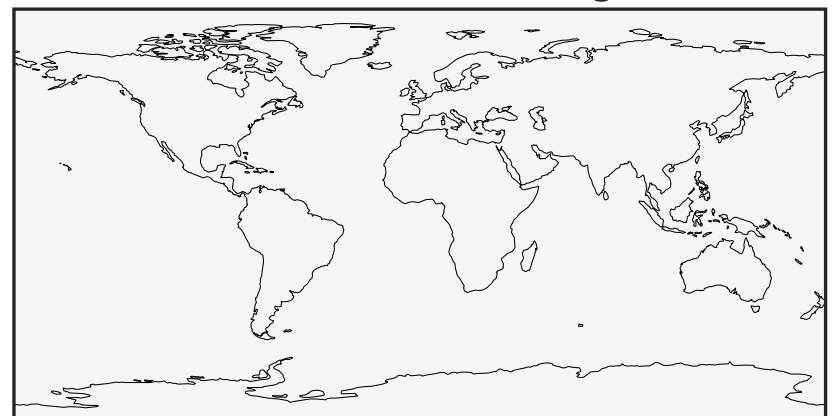
Difference  
Dev - Ref, Restricted Range [5%,95%]



Ratio  
Dev/Ref, Dynamic Range

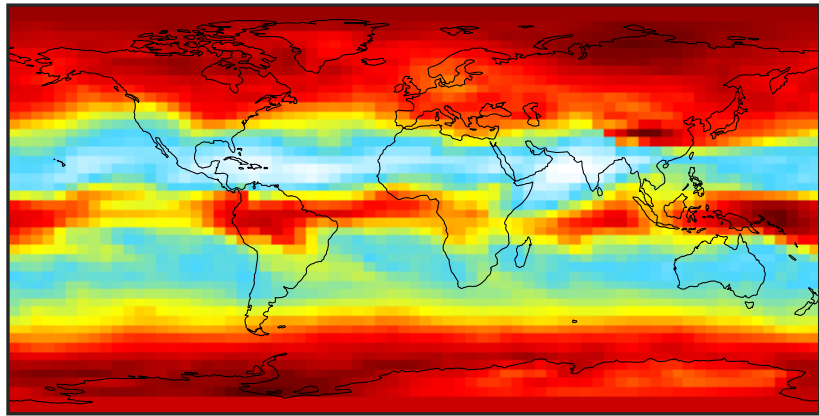


Ratio  
Dev/Ref, Fixed Range



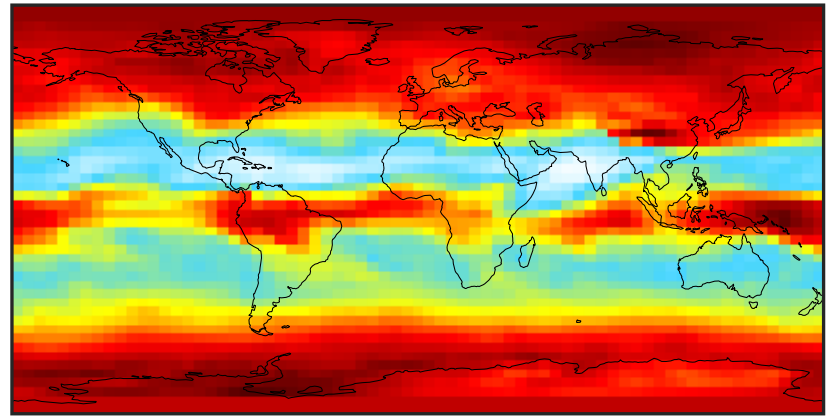
# SpeciesConcVV\_HCFCs (Apr2019)

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



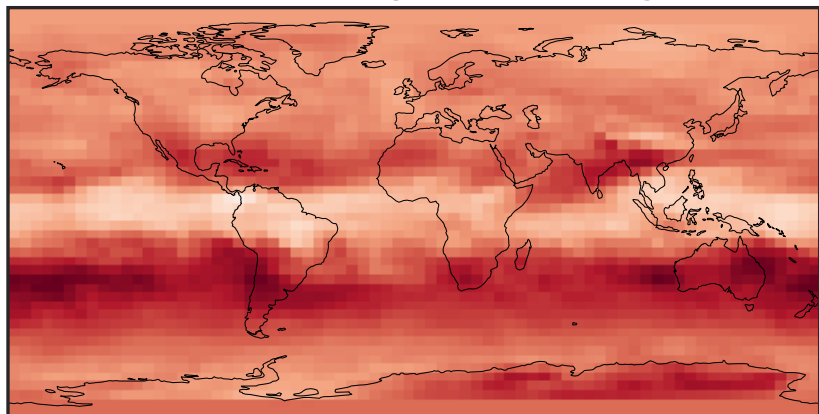
0.2944 0.2952 0.2960  
ppb

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



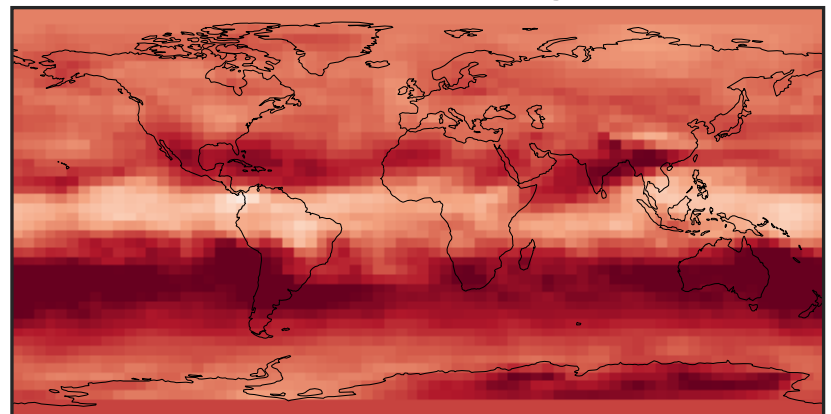
0.2944 0.2952 0.2960  
ppb

Difference  
Dev - Ref, Dynamic Range



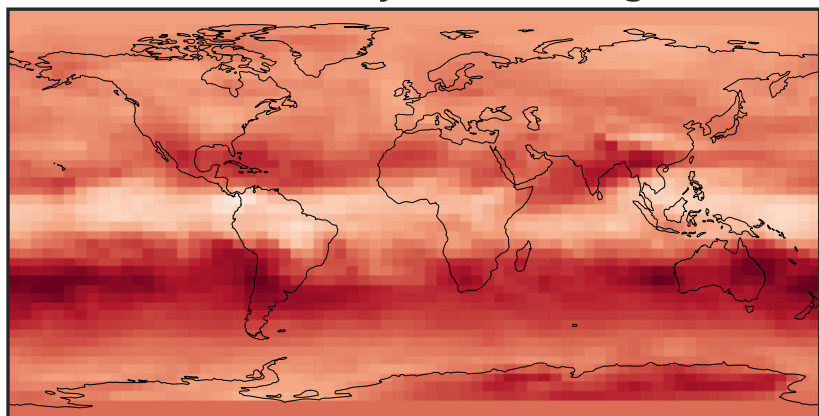
-4 0 4  
ppb  $1e-5$

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



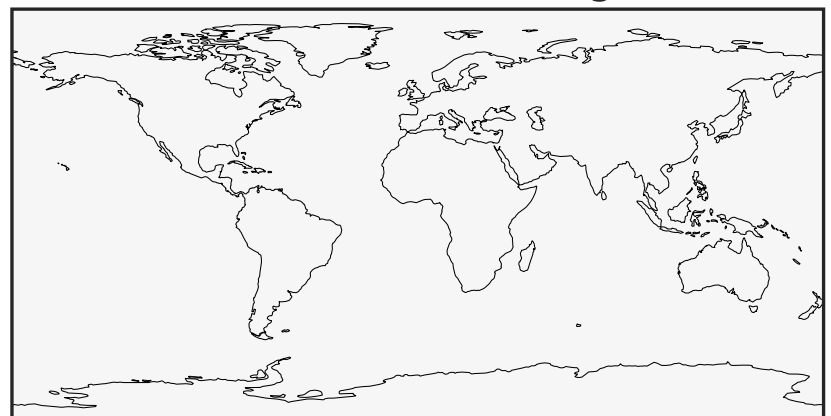
-3 0 3  
ppb  $1e-5$

Ratio  
Dev/Ref, Dynamic Range



0.9997937 1.000000 1.0002064  
unitless

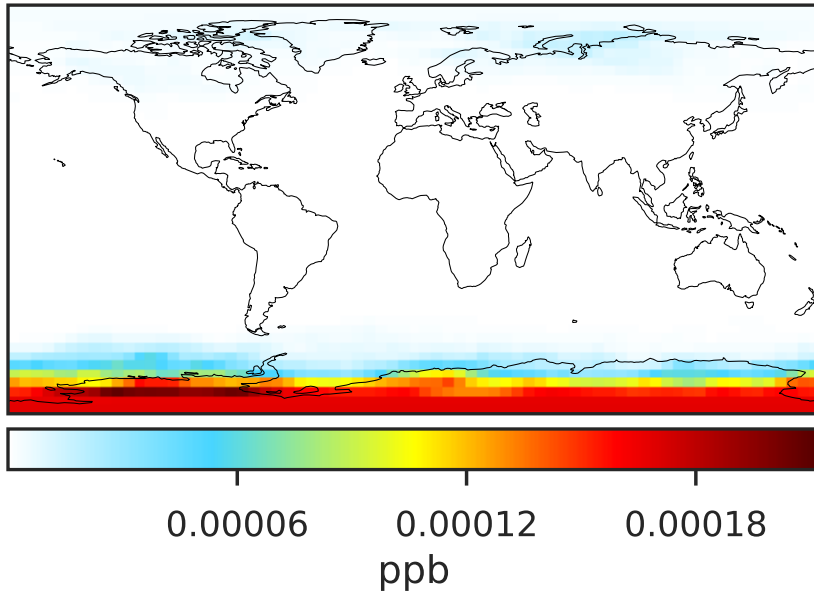
Ratio  
Dev/Ref, Fixed Range



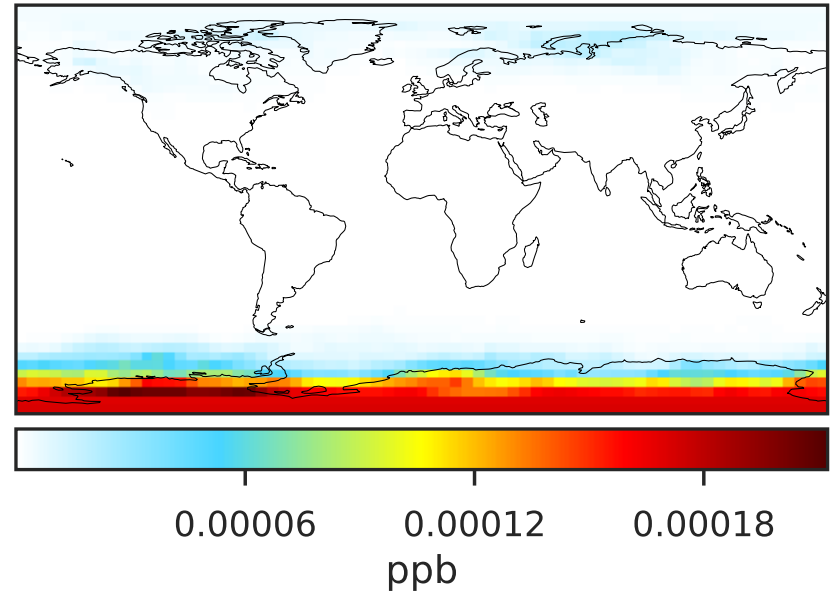
0.50 0.75 1.00 1.50 2.00  
unitless

# SpeciesConcVV\_OCIO (Apr2019)

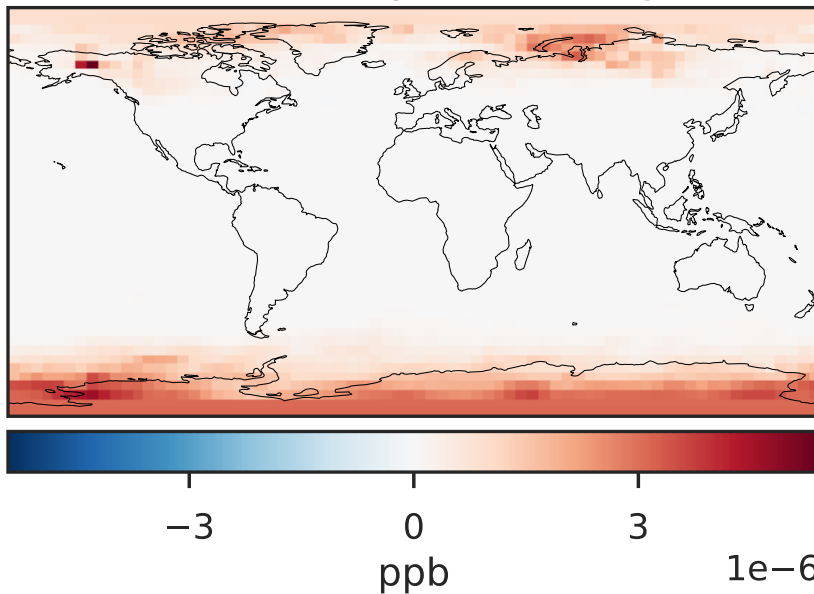
14.2.0-rc.2 (Ref)  
4.0x5.0



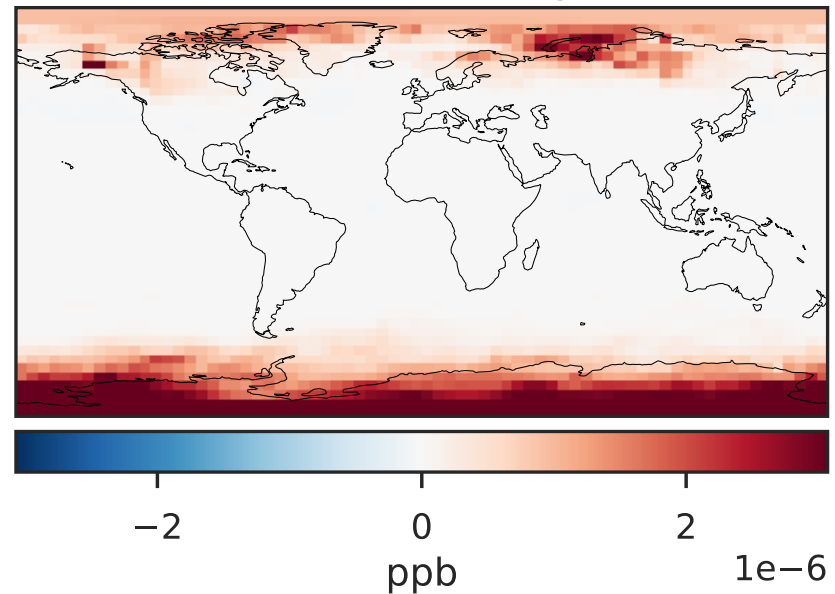
14.3.0-rc.0 (Dev)  
4.0x5.0



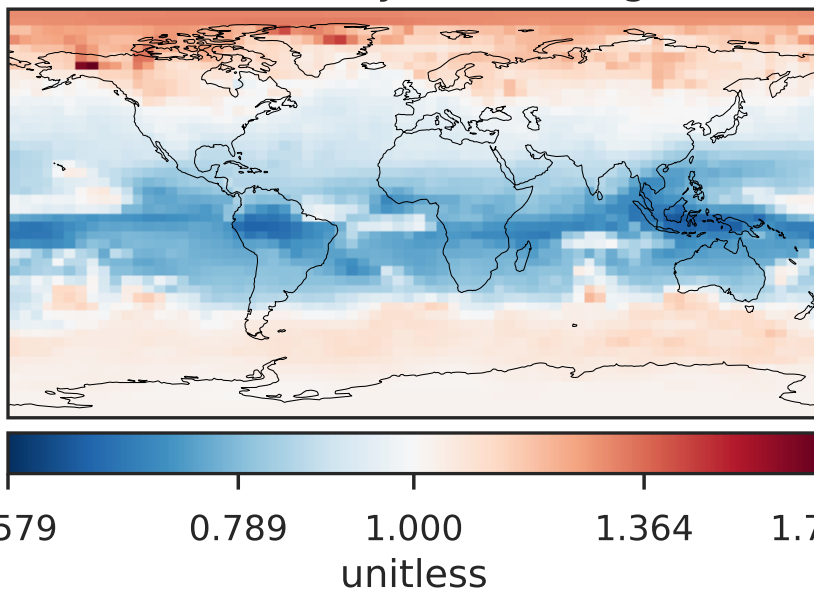
Difference  
Dev - Ref, Dynamic Range



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



Ratio  
Dev/Ref, Dynamic Range



Ratio  
Dev/Ref, Fixed Range

