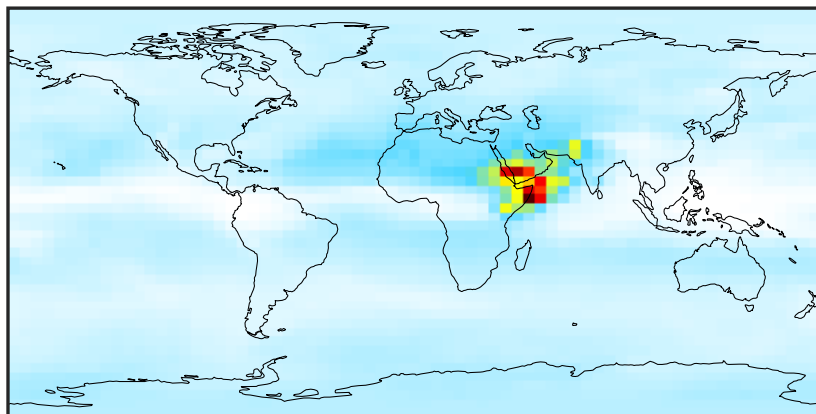# SpeciesConcVV_Cly



gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0

0.0104    0.0742    0.1379    0.2017    0.2655
ppb

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0

0.0104    0.0742    0.1379    0.2017    0.2655
ppb

Difference
Dev - Ref, Dynamic Range

Zero throughout domain
ppb

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

Zero throughout domain
ppb

Ratio
Dev/Ref, Dynamic Range

Ref and Dev equal throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

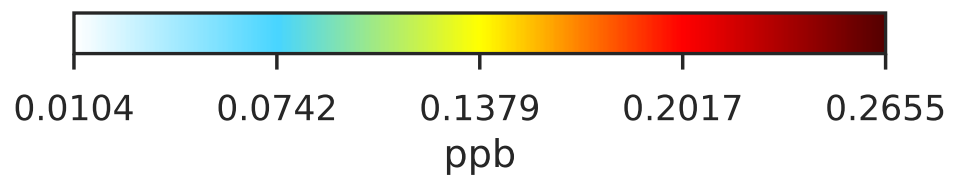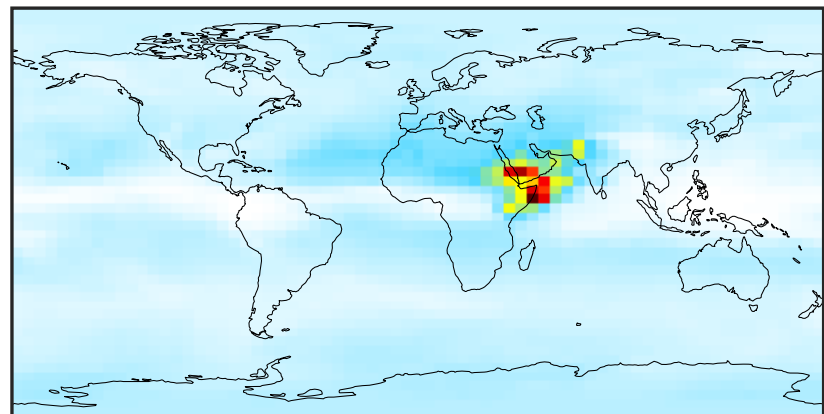Ref and Dev equal throughout domain
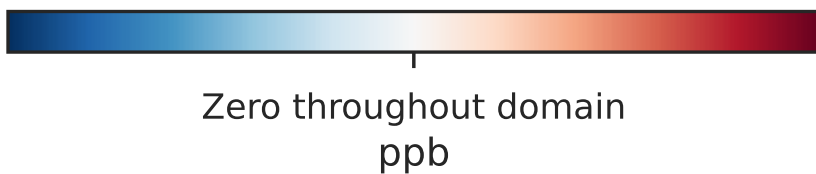unitless

# SpeciesConcVV_ClOx

# SpeciesConcVV_Cl



gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
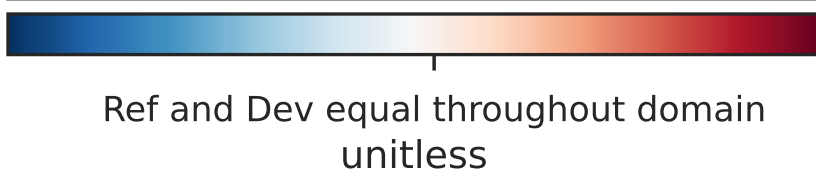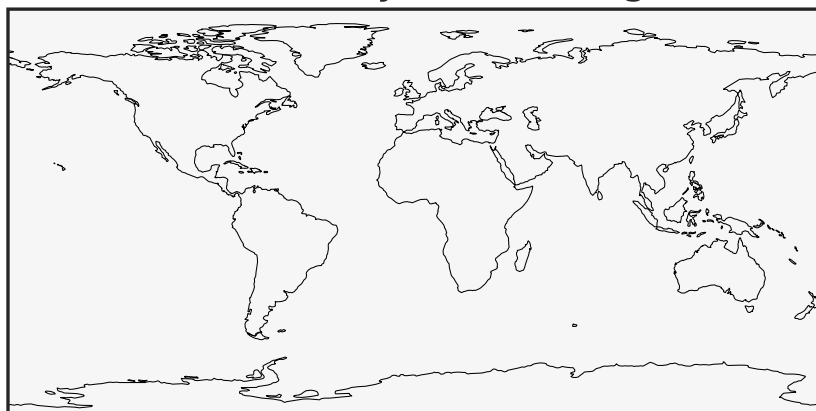4.0x5.0

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0

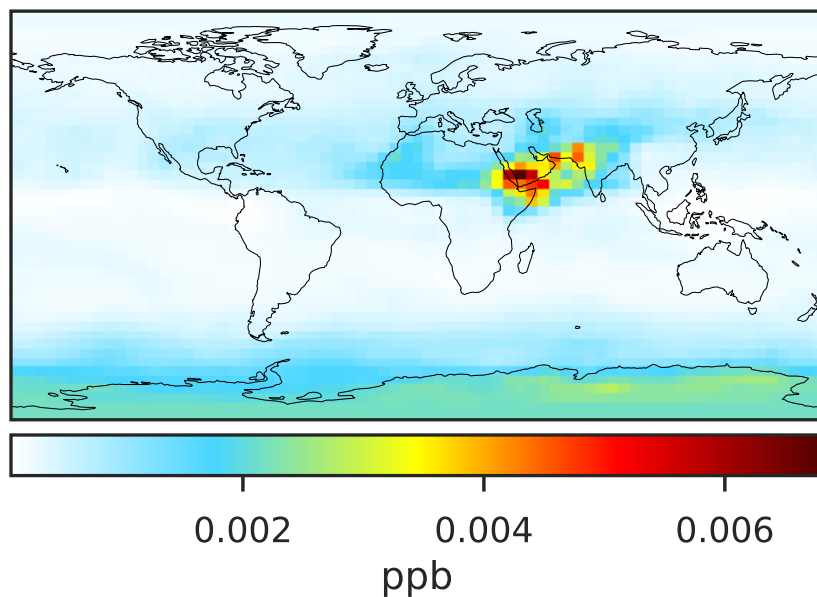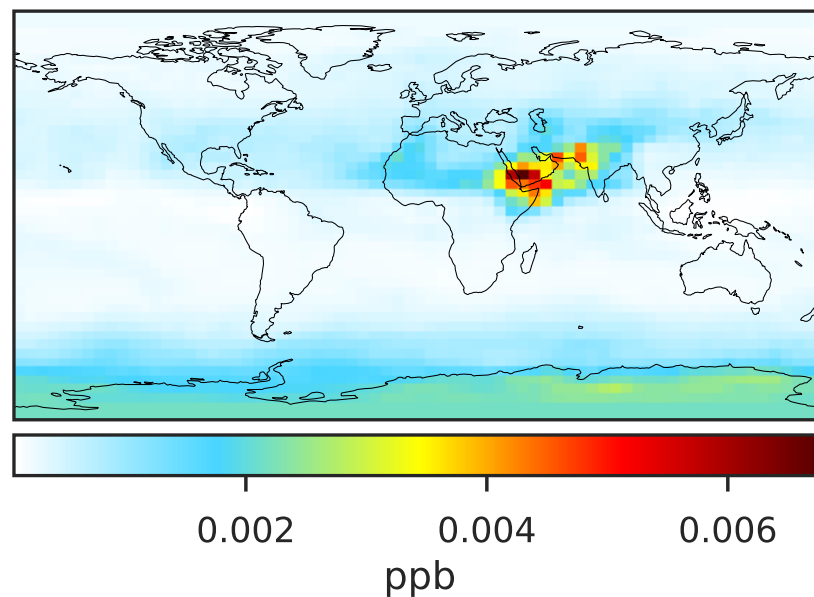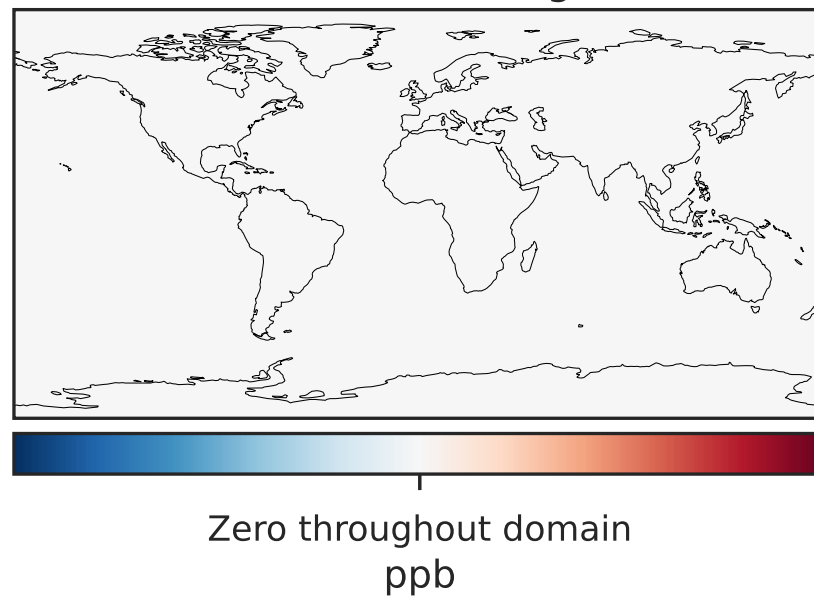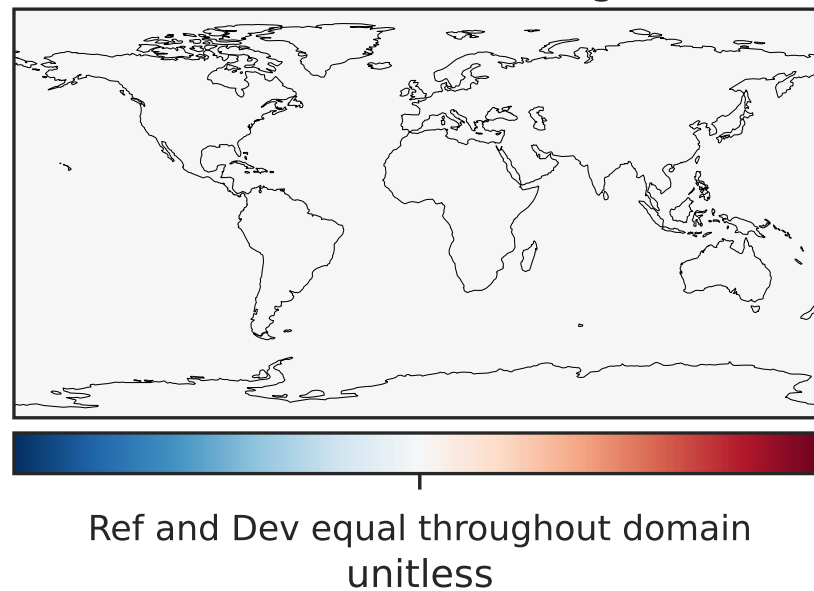ppb

1e−7

ppb

1e−7

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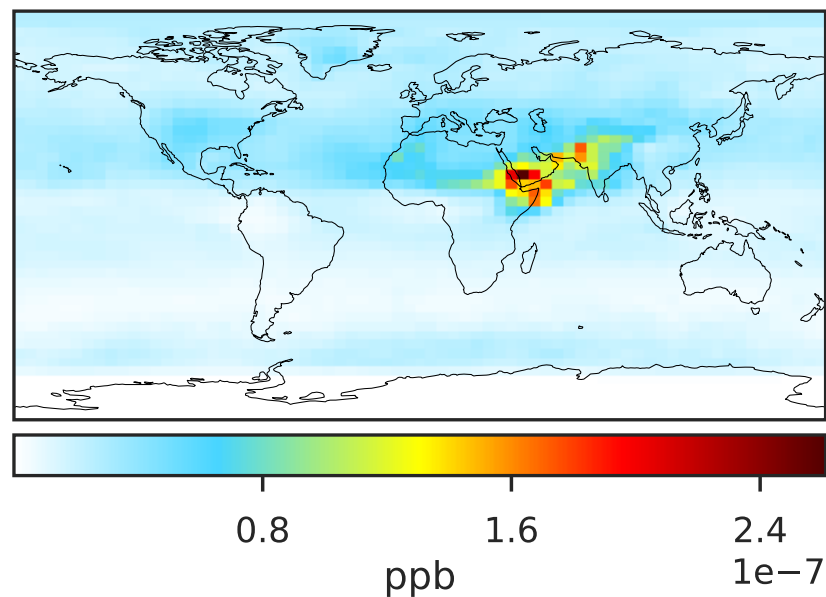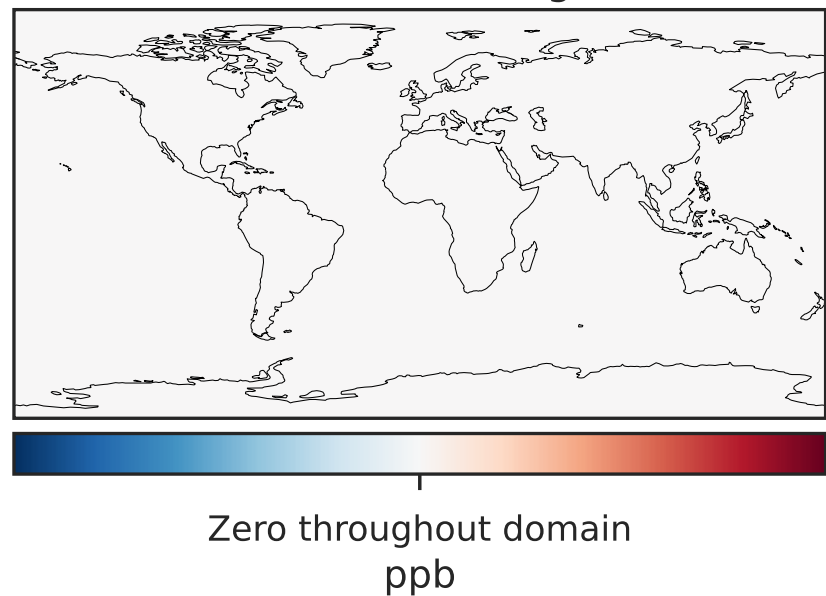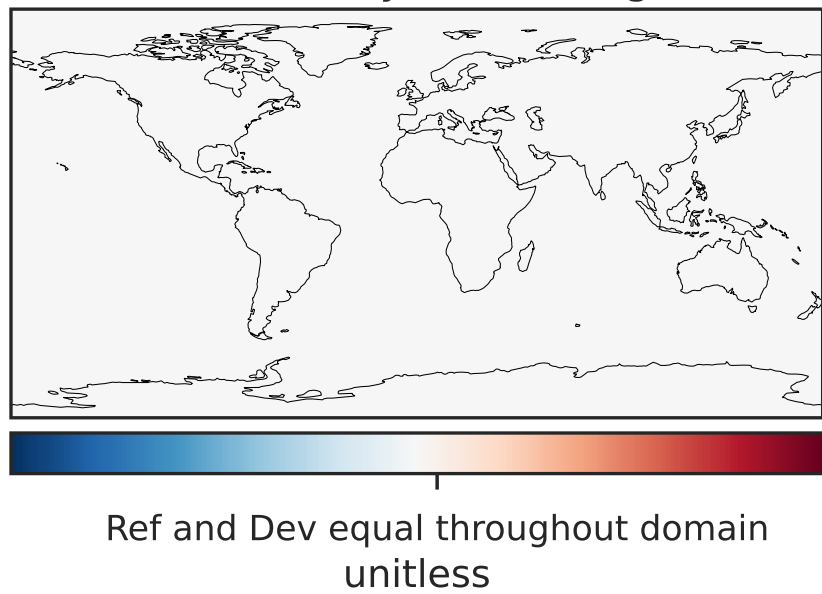
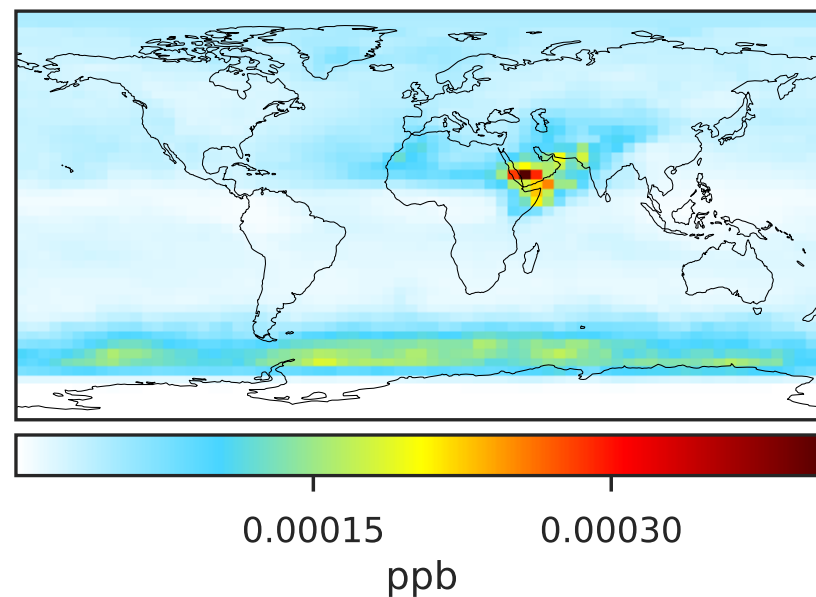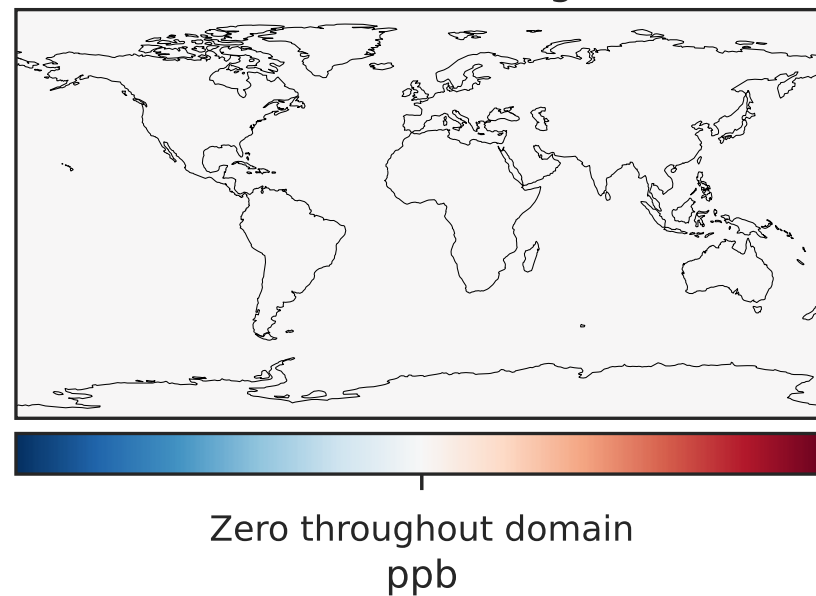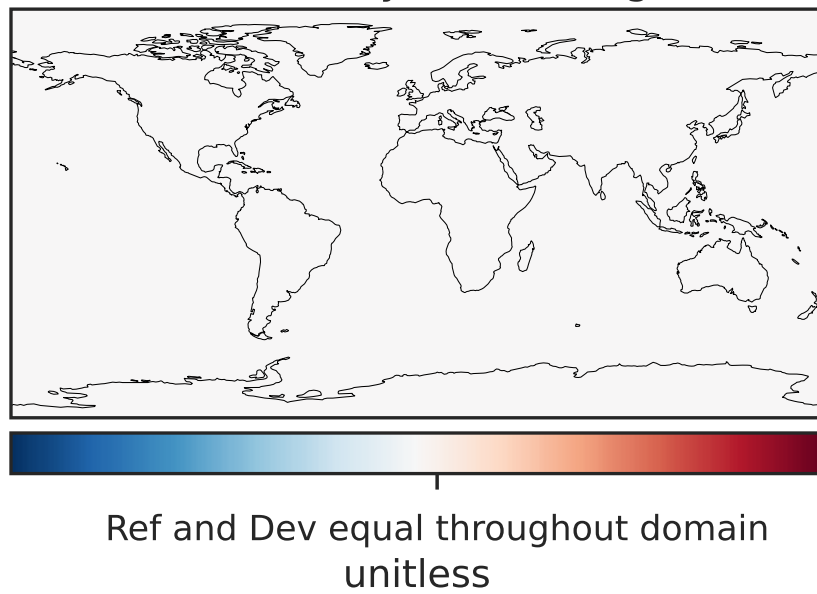Difference
Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
ppb

Zero throughout domain
ppb

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless

Ref and Dev equal throughout domain
unitless

# SpeciesConcVV_ClO

# SpeciesConcVV_Cl2

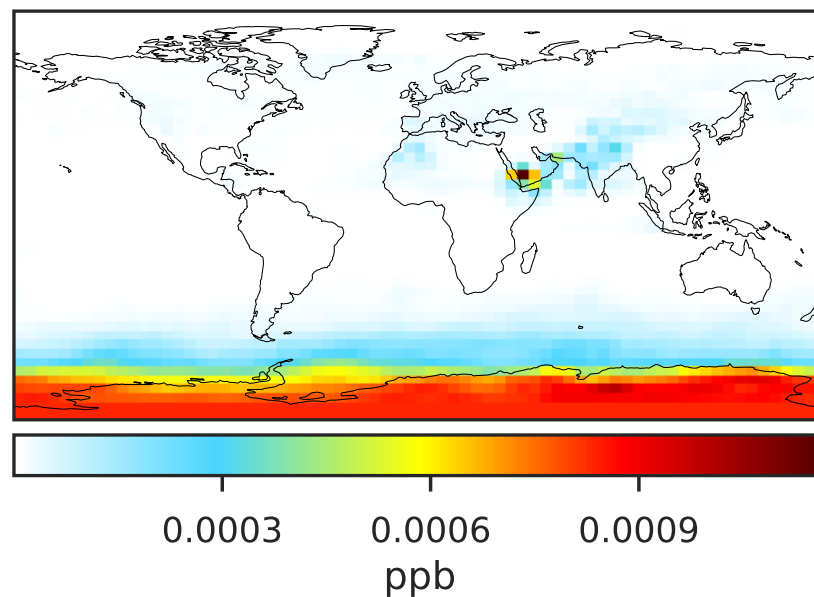# SpeciesConcVV_Cl2O2



gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0
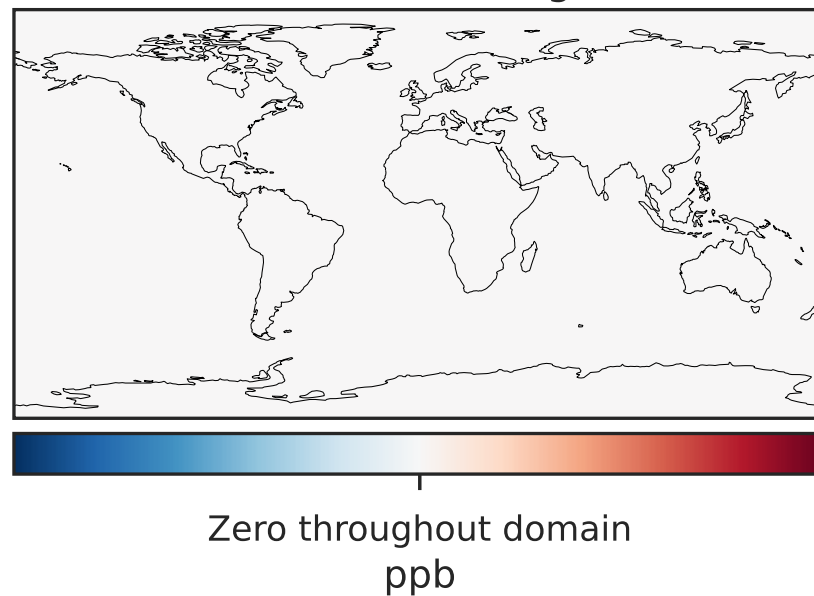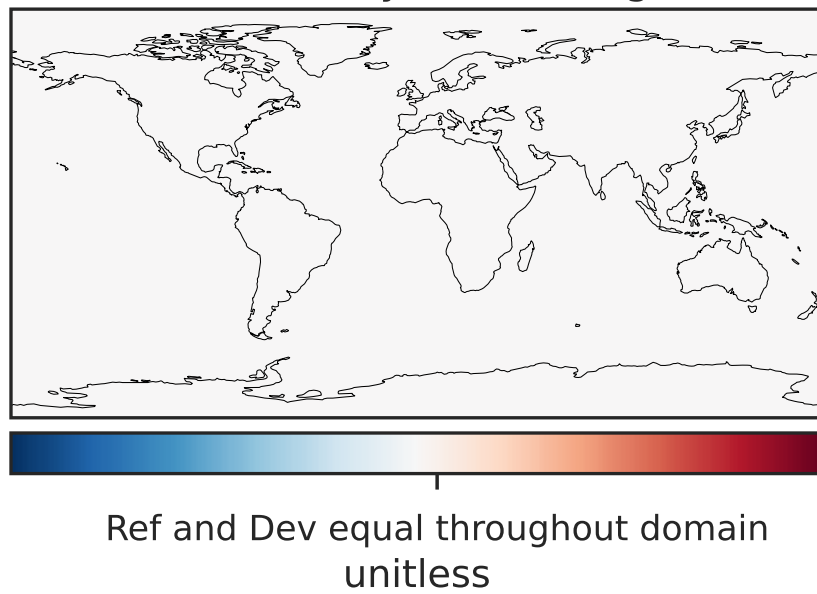
gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0

ppb 1e−8

ppb 1e−8

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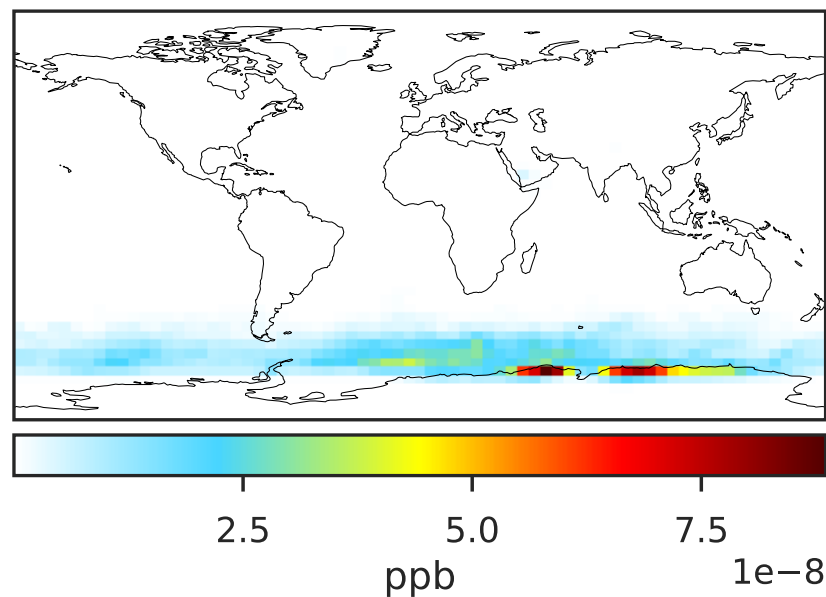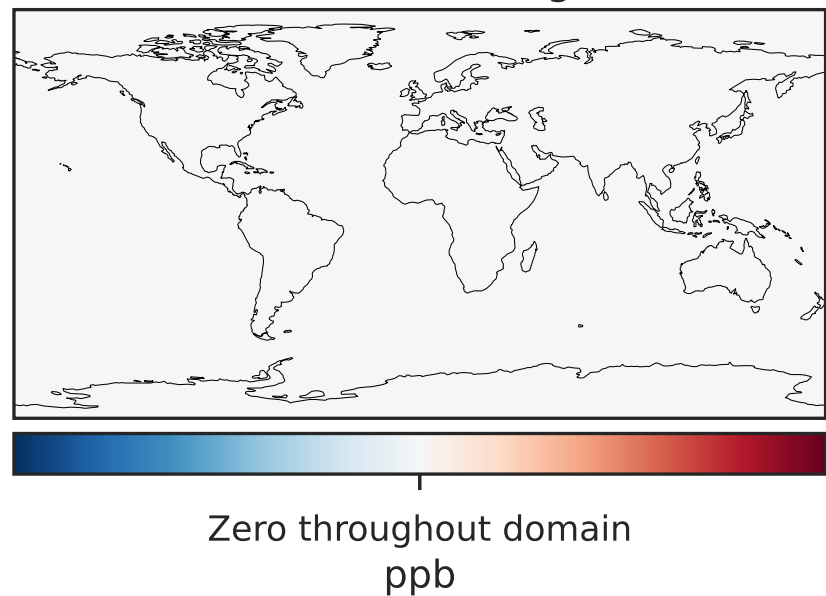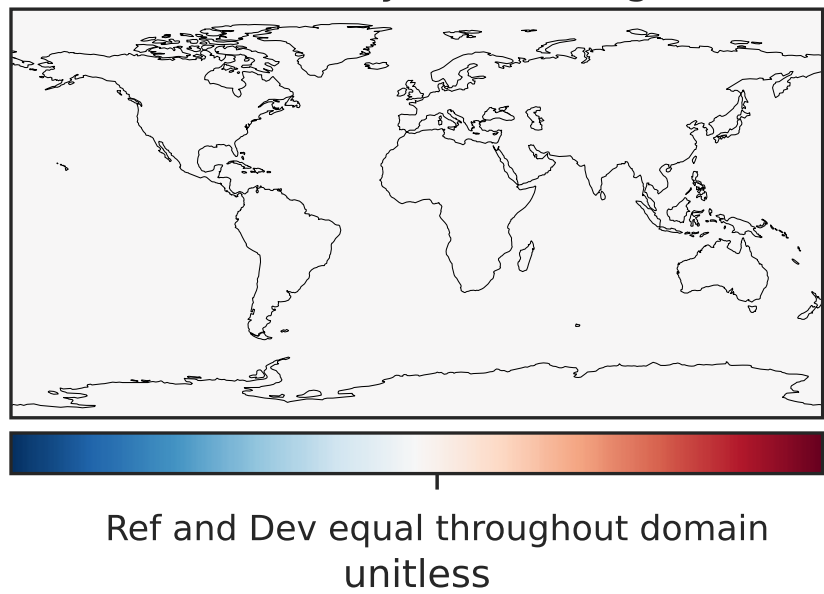
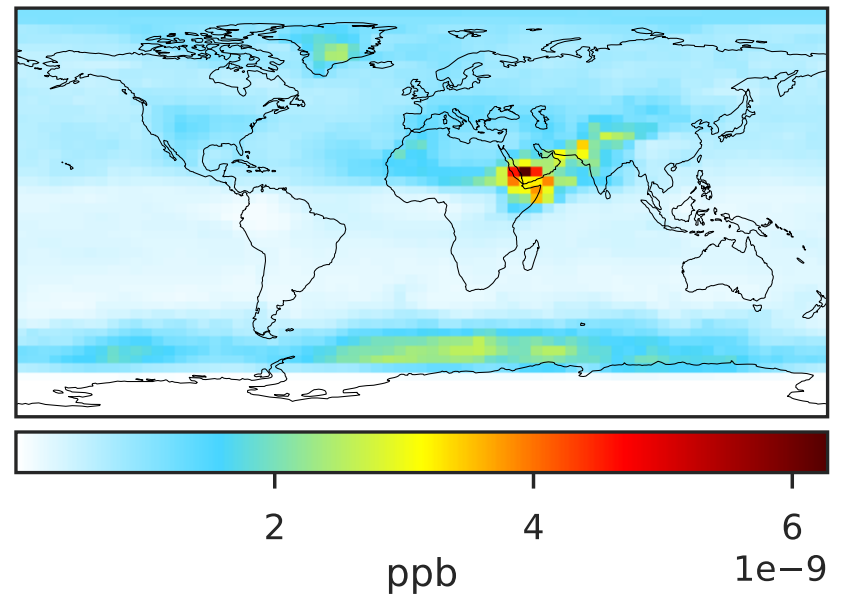Difference
Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
ppb

Zero throughout domain
ppb

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless

Ref and Dev equal throughout domain
unitless

# SpeciesConcVV_ClOO
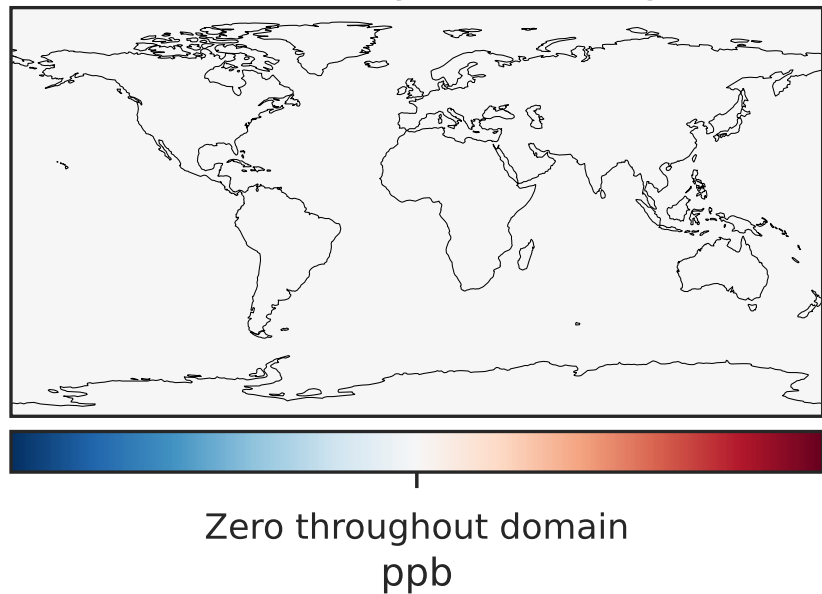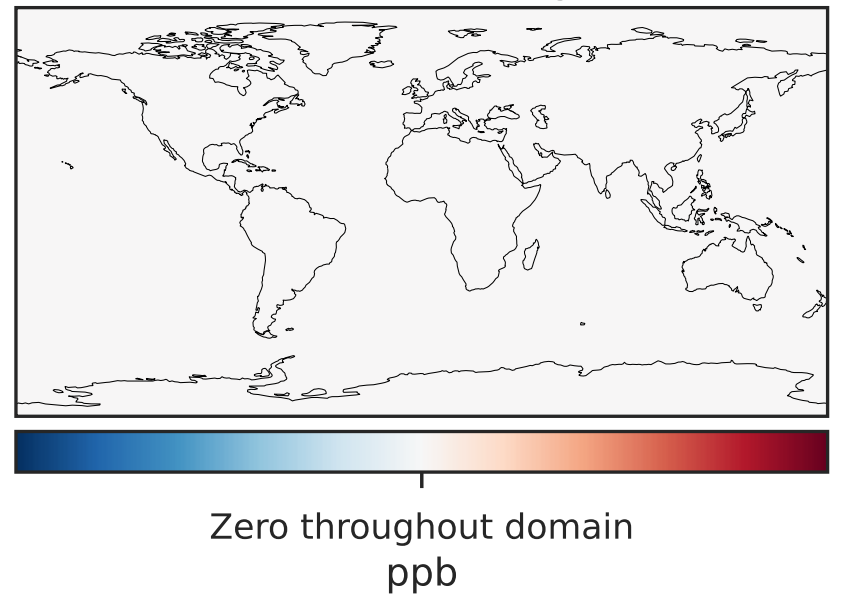
# SpeciesConcVV_ClNO2



gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
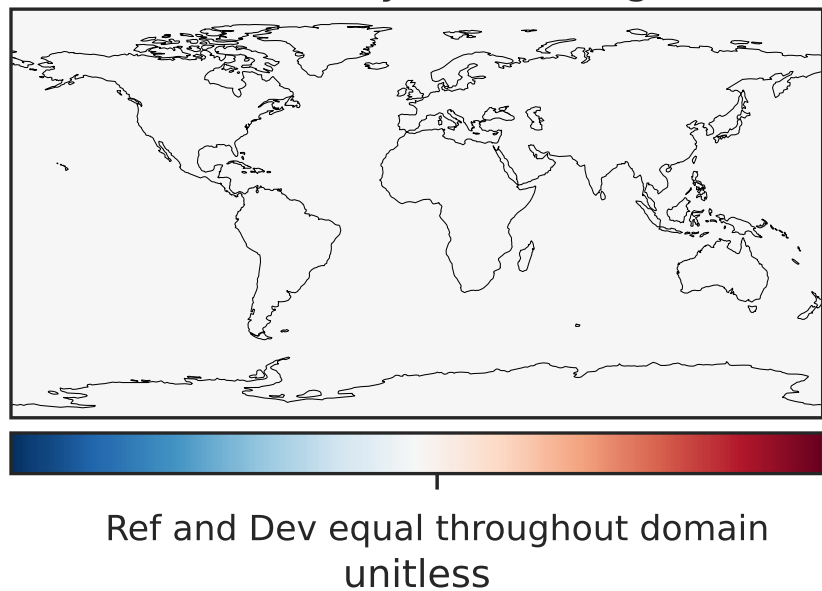4.0x5.0

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0

ppb

ppb

Difference
Dev - Ref, Dynamic Range

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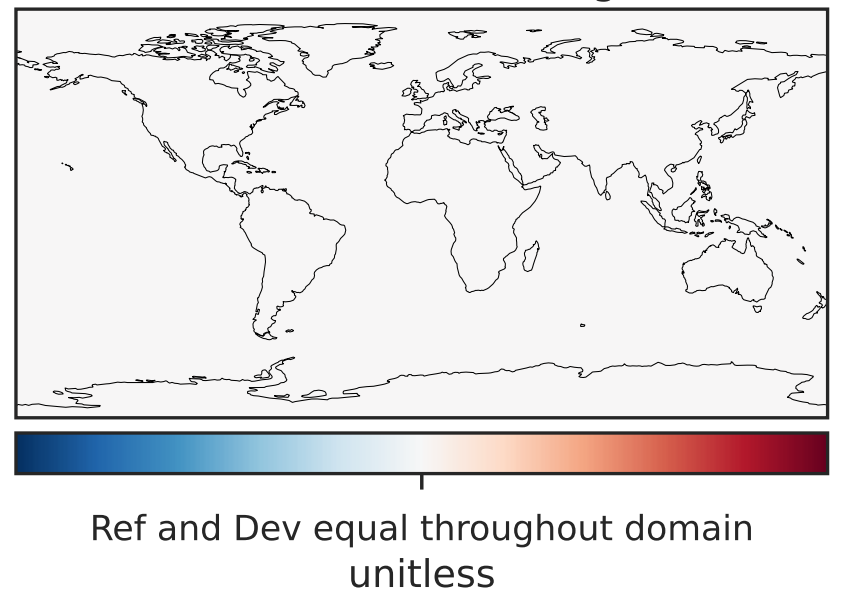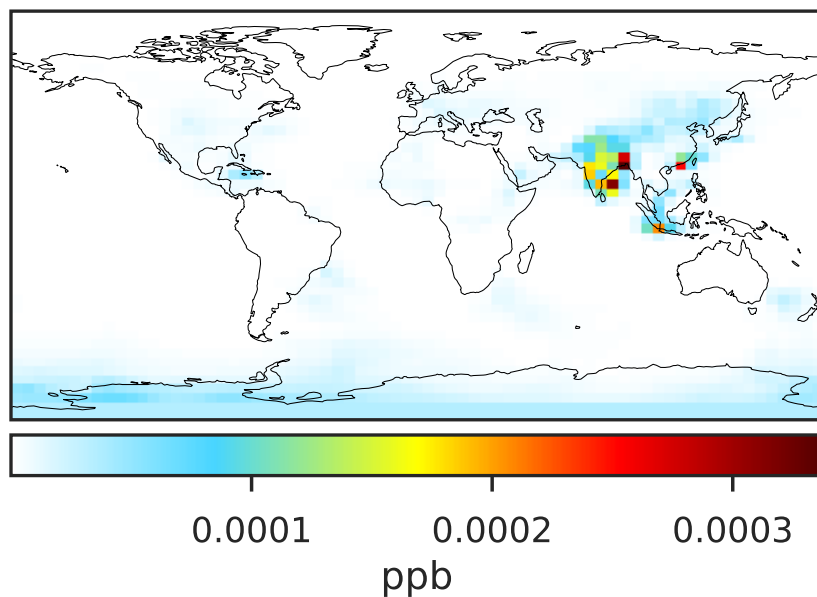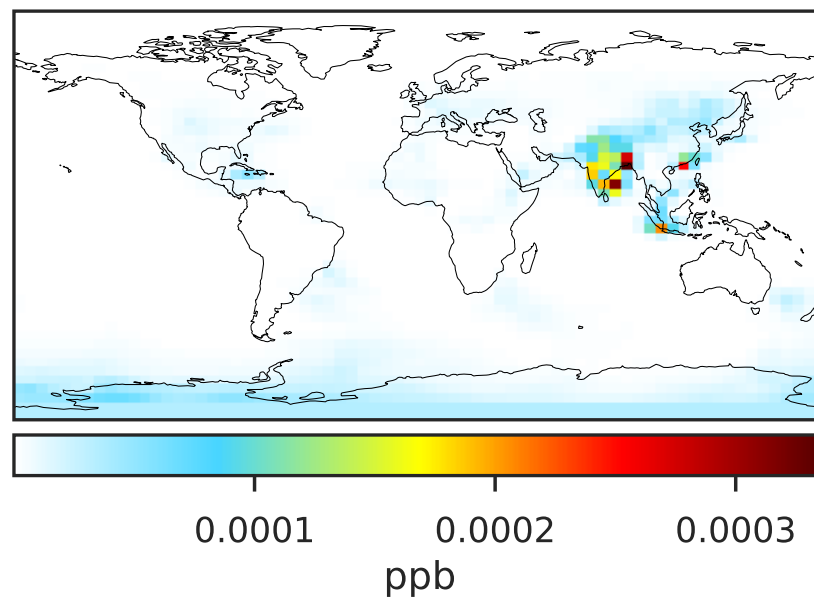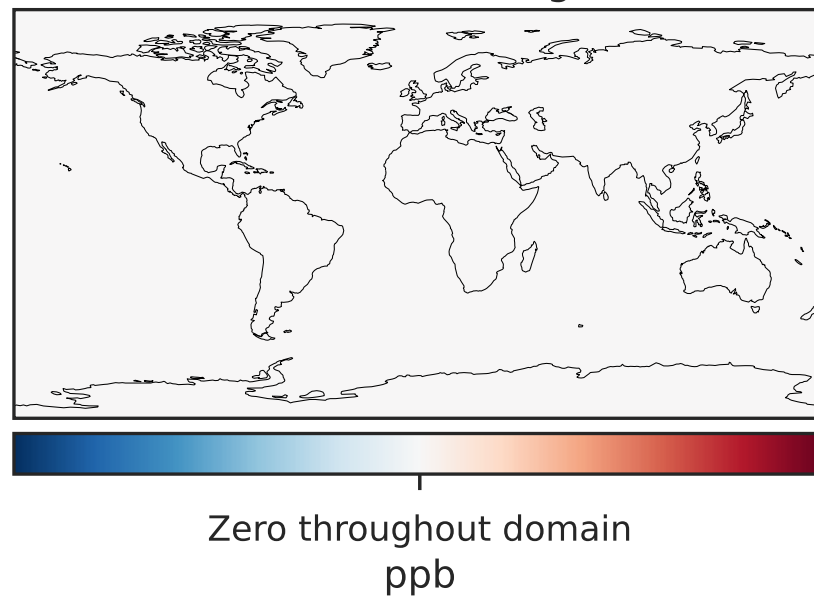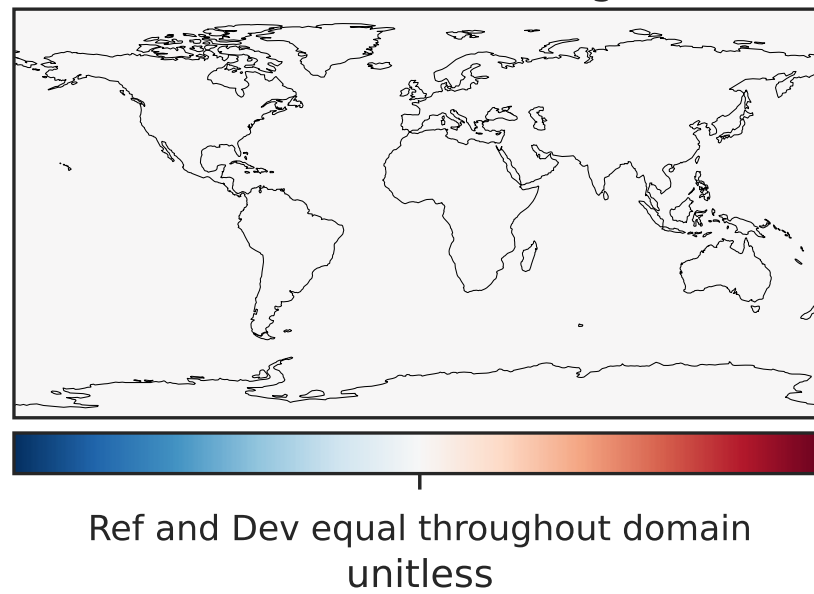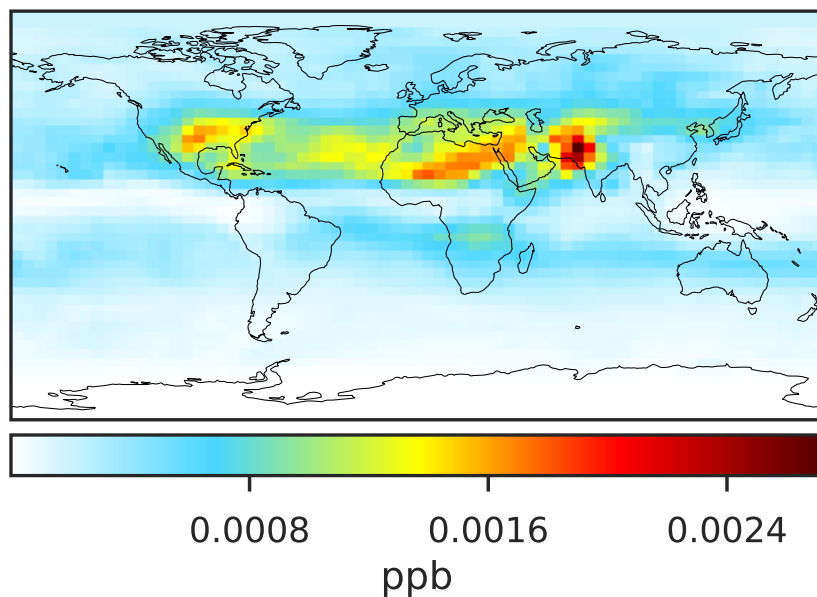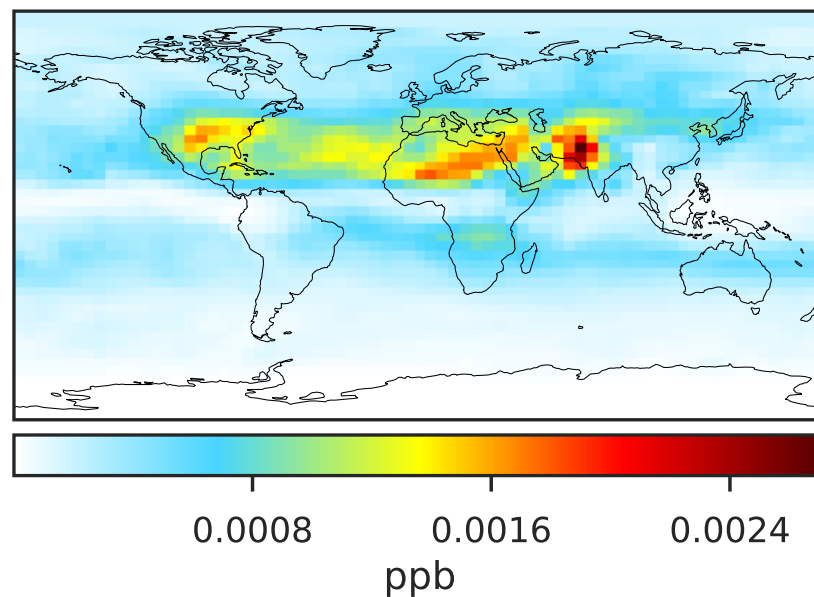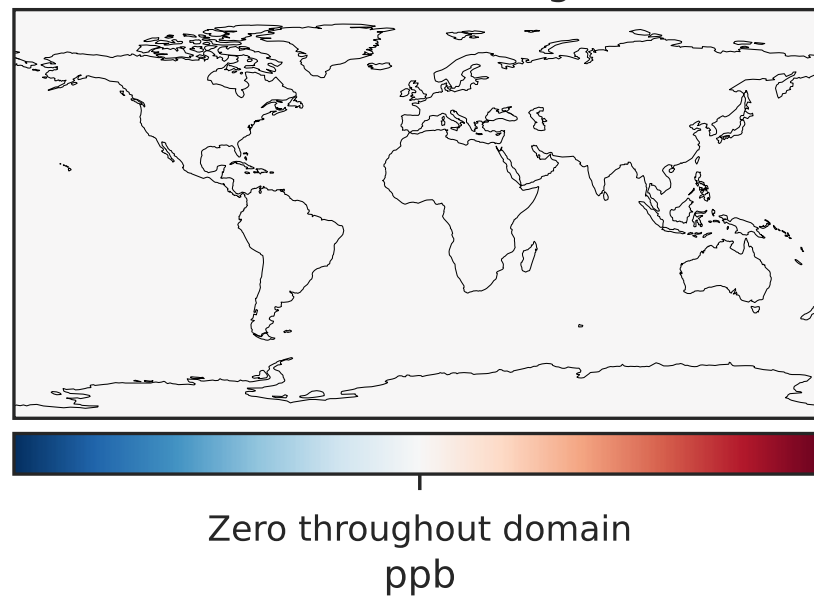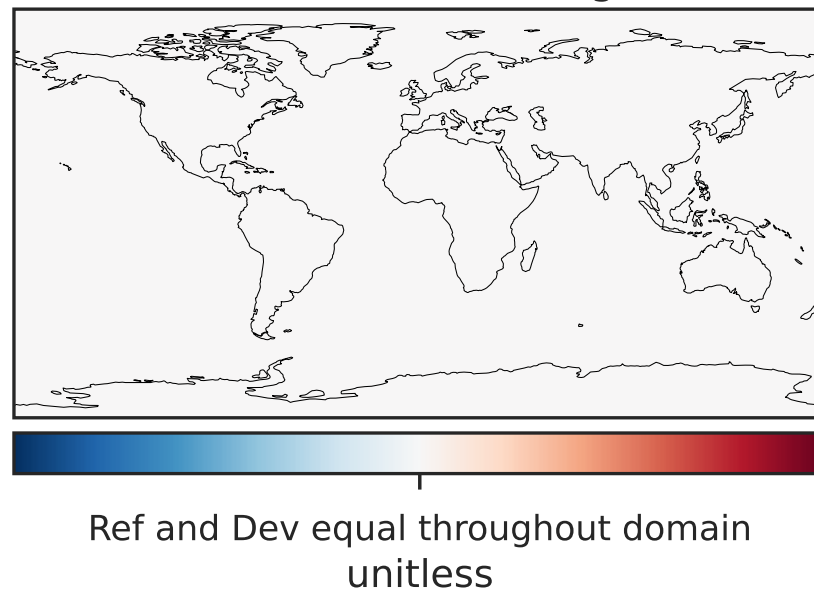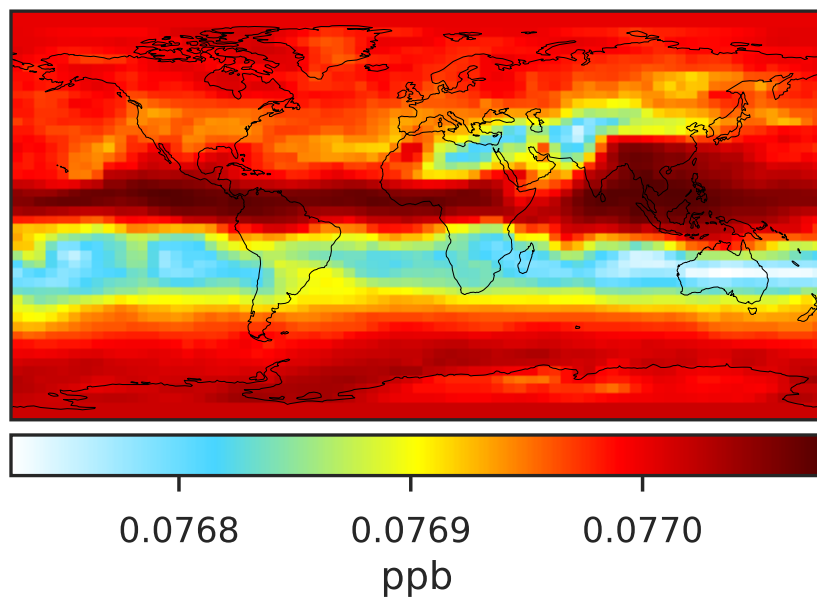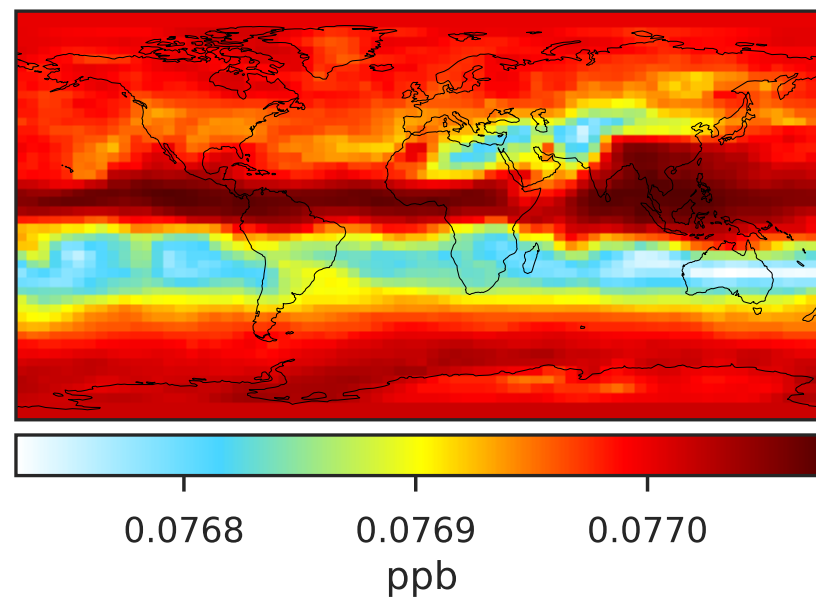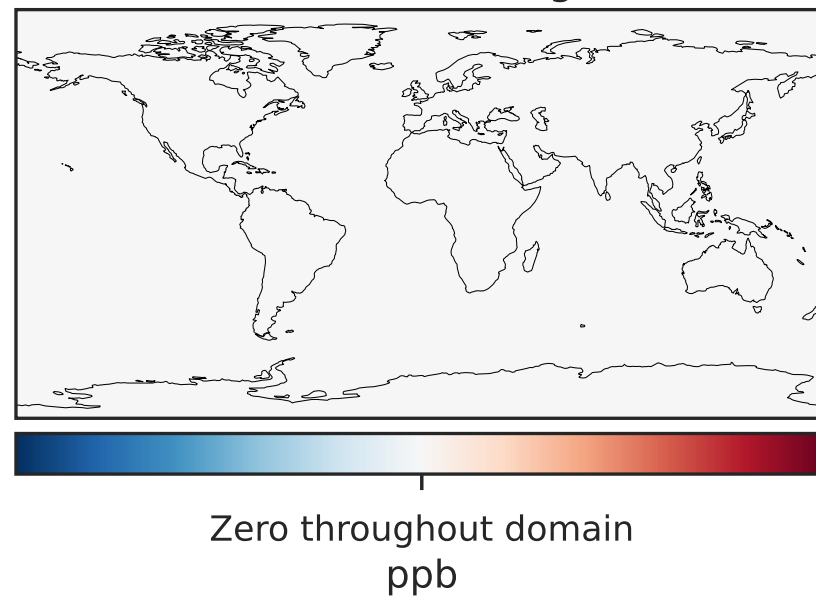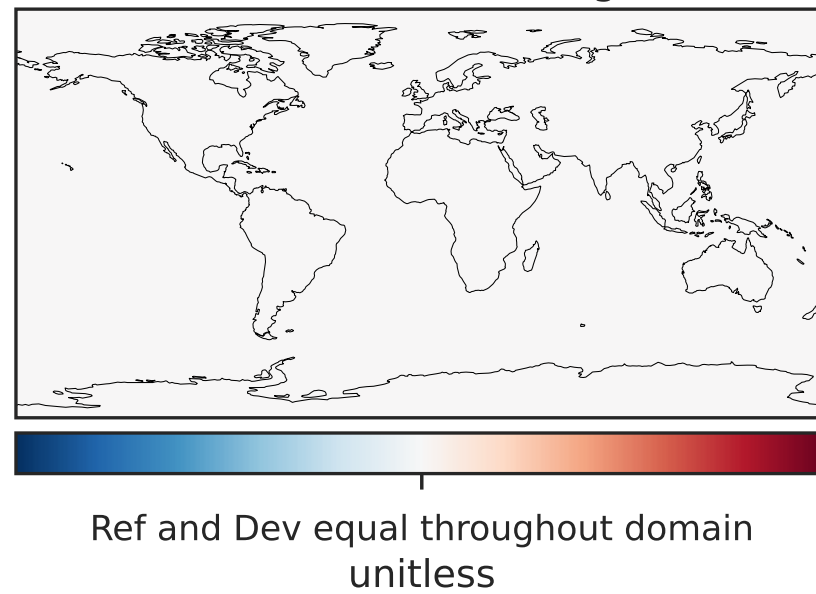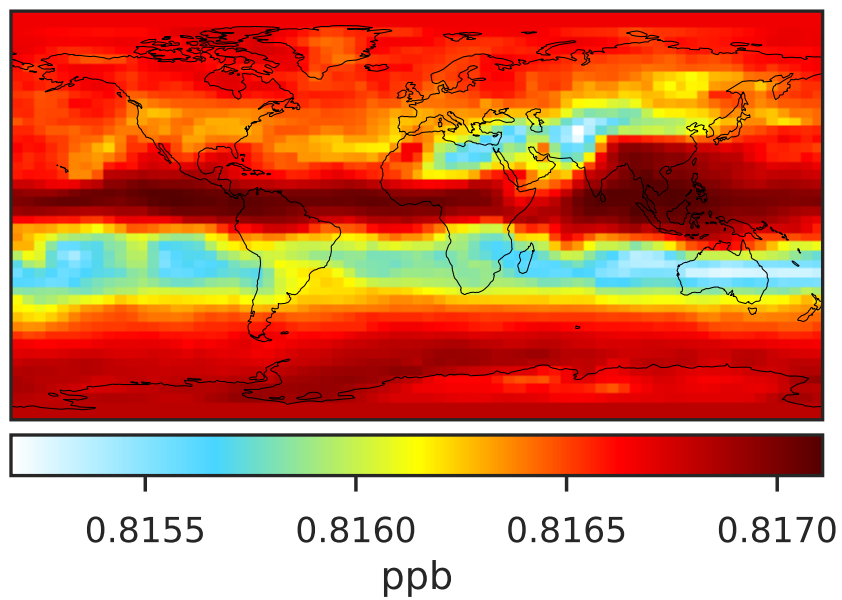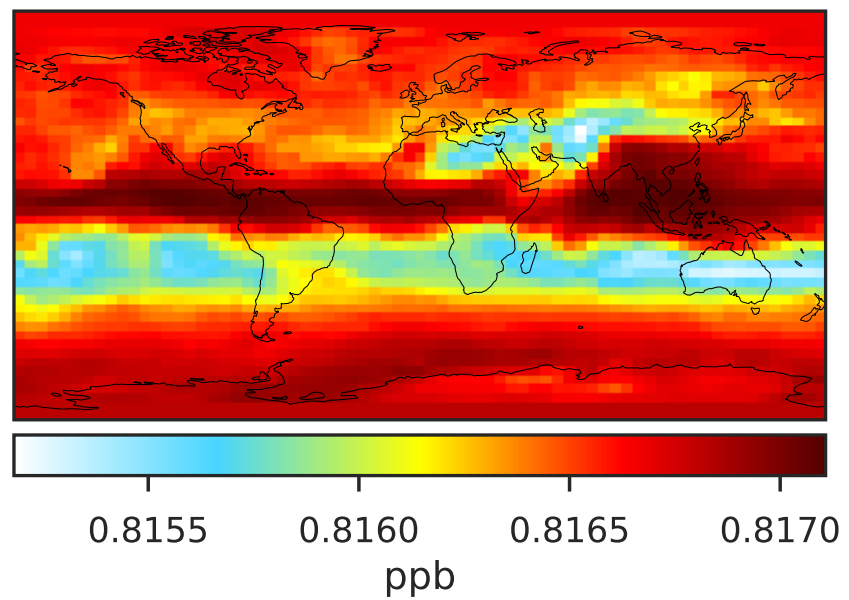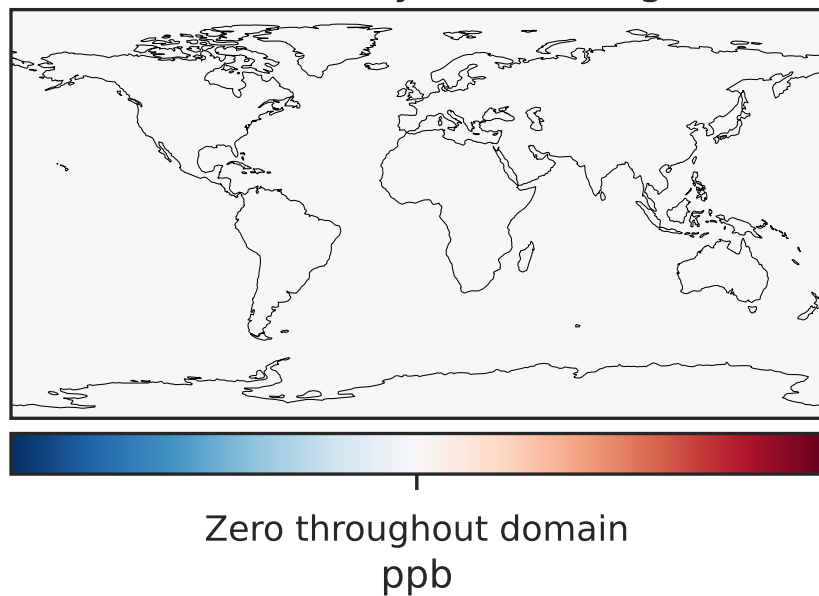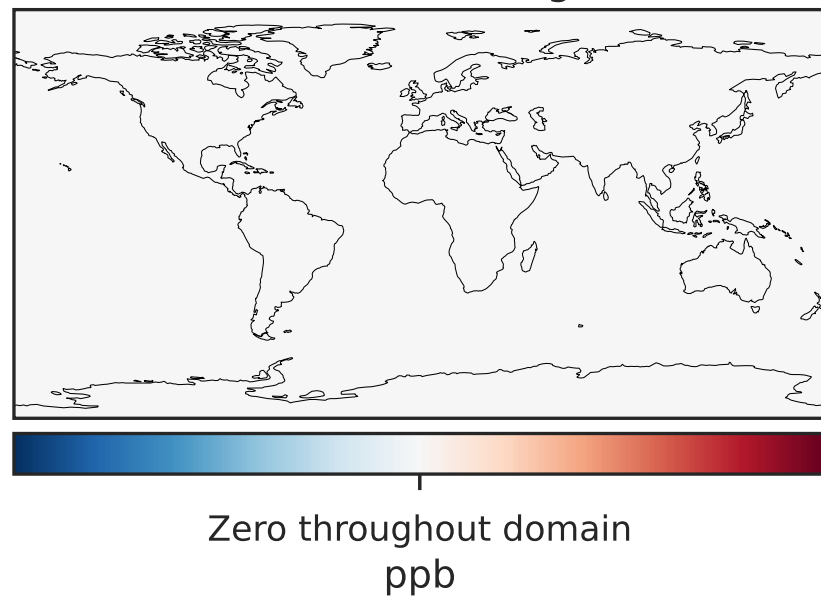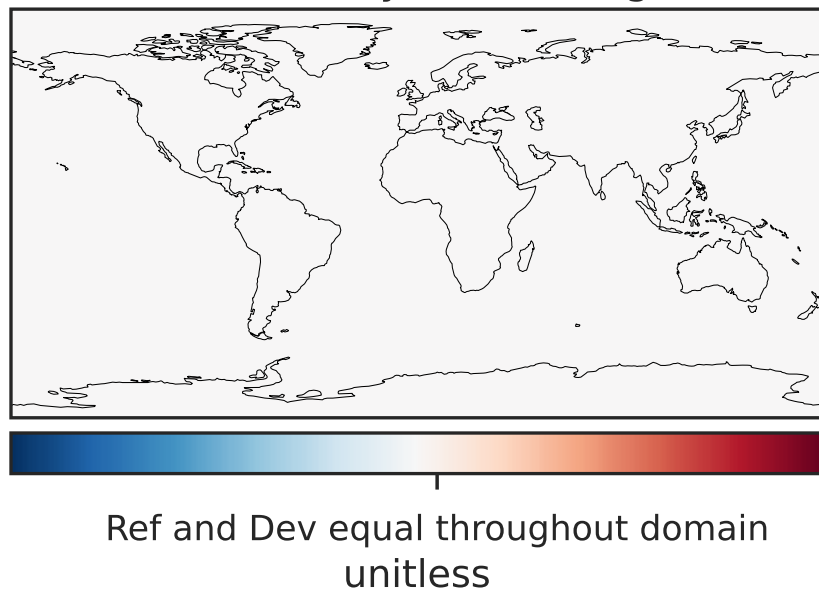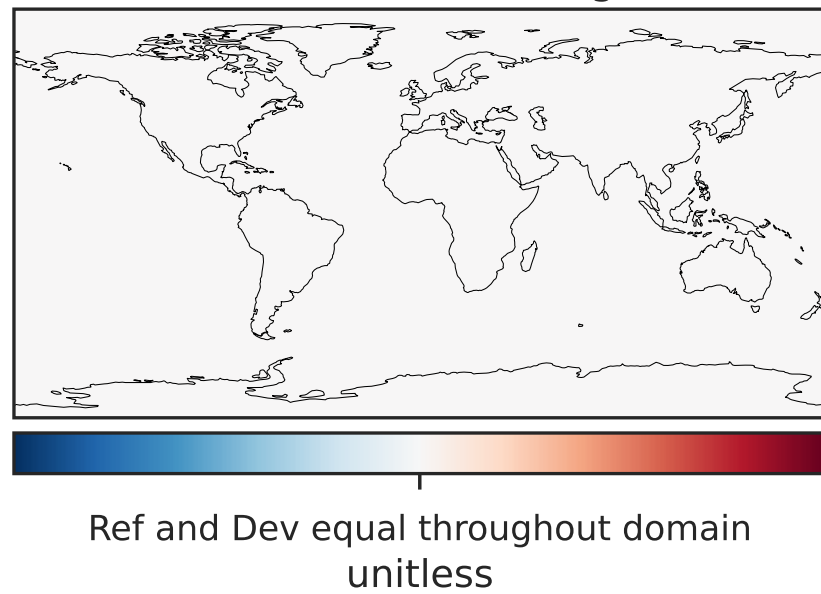Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
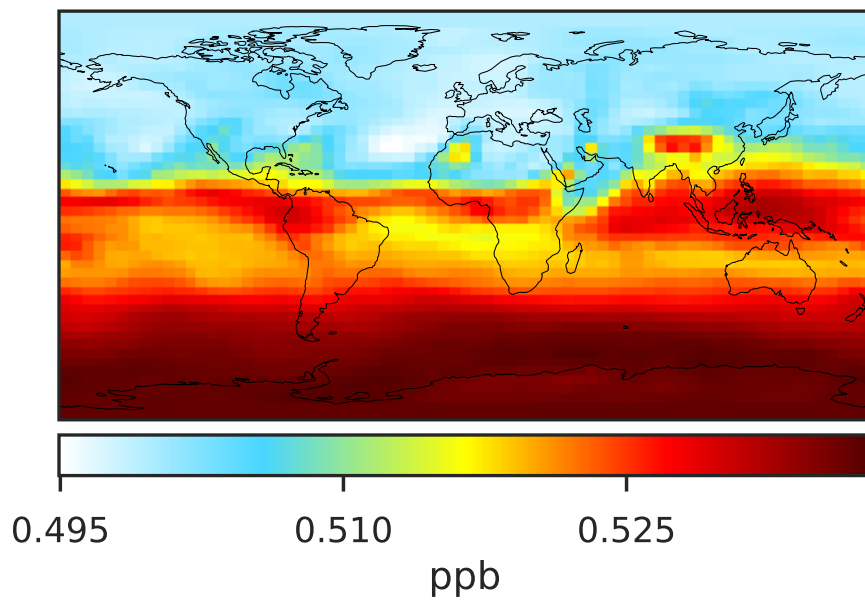ppb

Zero throughout domain
ppb

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless

Ref and Dev equal throughout domain
unitless

# SpeciesConcVV_ClNO3

# SpeciesConcVV_CCl4

# SpeciesConcVV_CFCs

# SpeciesConcVV_CH3Cl

# SpeciesConcVV_CH2Cl2

# SpeciesConcVV_CH3CCl3



gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
4.0x5.0

0.001352    0.001360    0.001368
ppb

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0

0.001352    0.001360    0.001368
ppb

Difference
Dev - Ref, Dynamic Range

Zero throughout domain
ppb

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

Zero throughout domain
ppb

Ratio
Dev/Ref, Dynamic Range

Ref and Dev equal throughout domain
unitless

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless

# SpeciesConcVV_CHCl3

# SpeciesConcVV_HOCl



gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
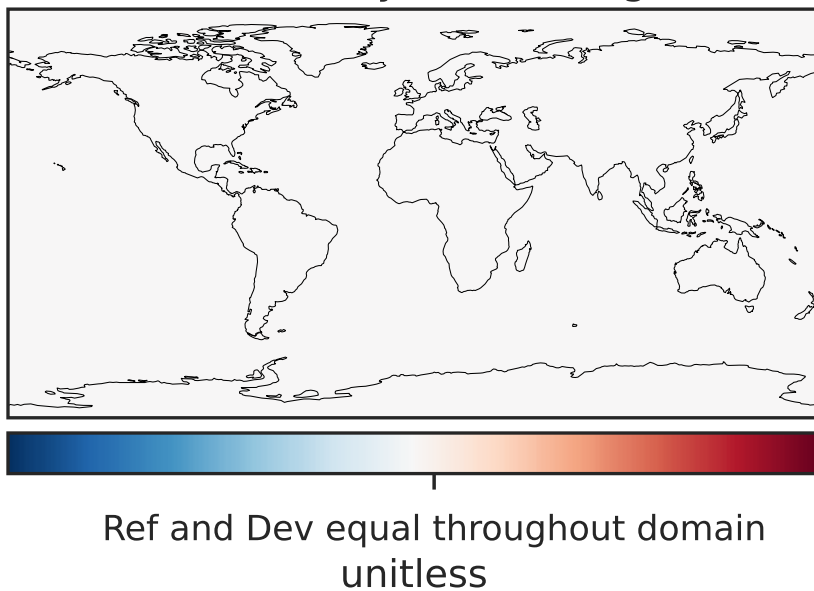4.0x5.0

gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0

ppb

ppb

Difference
Dev - Ref, Dynamic Range

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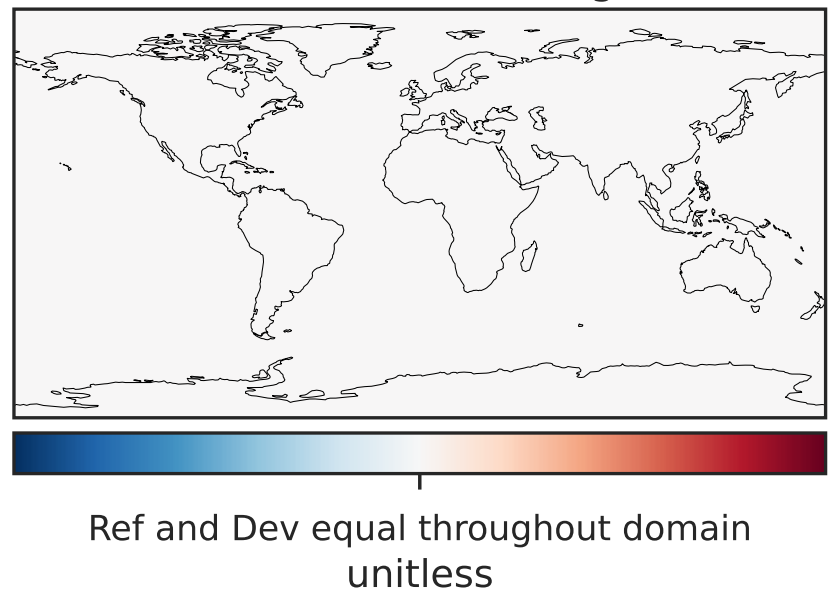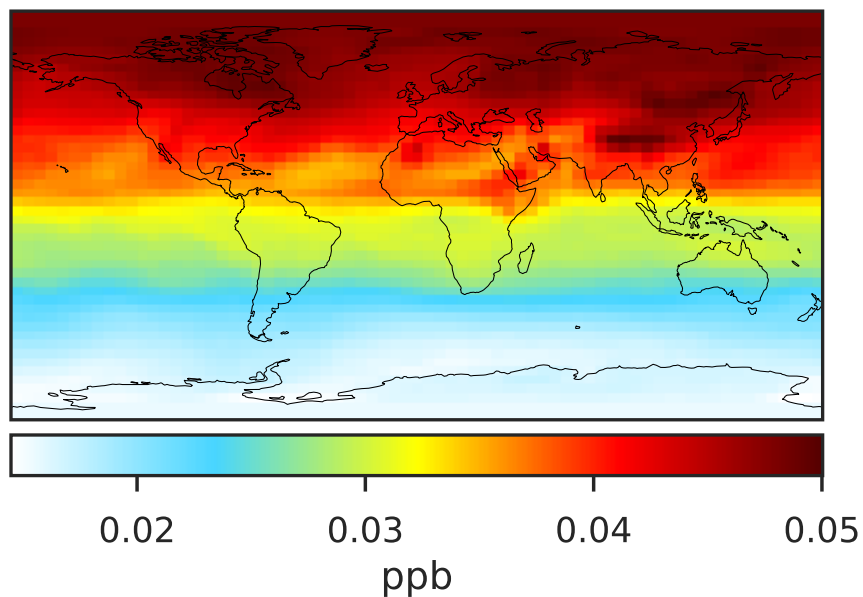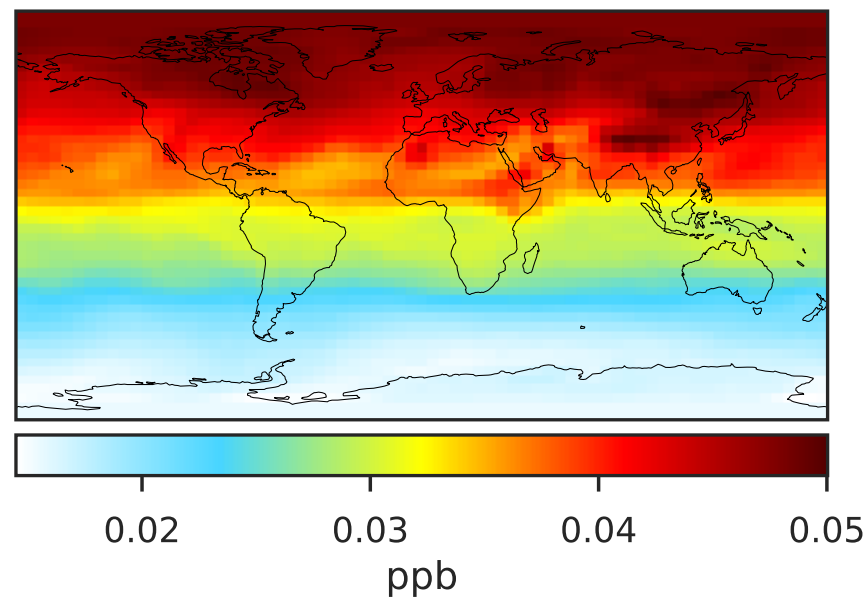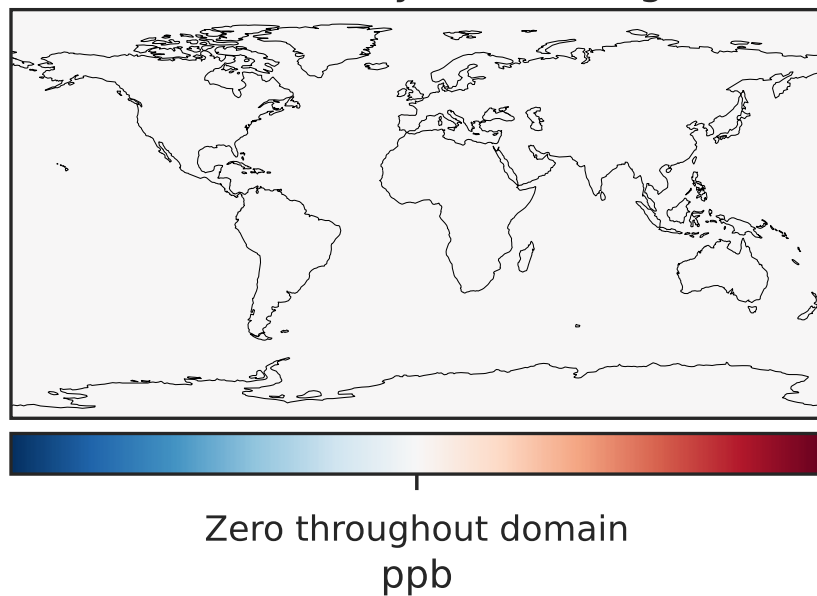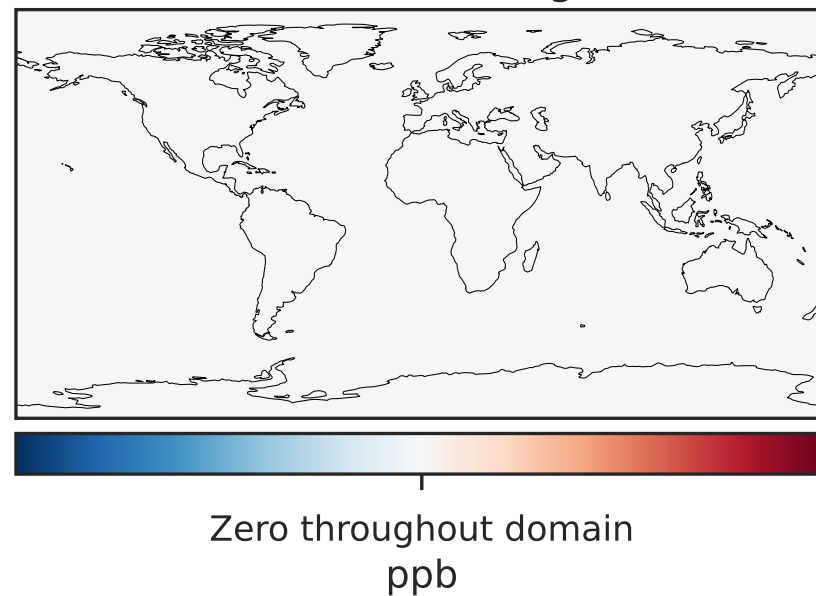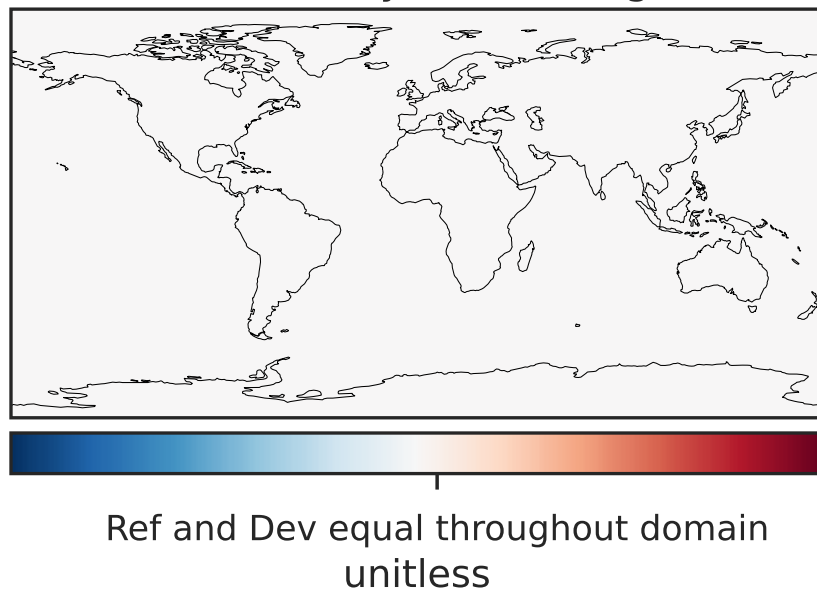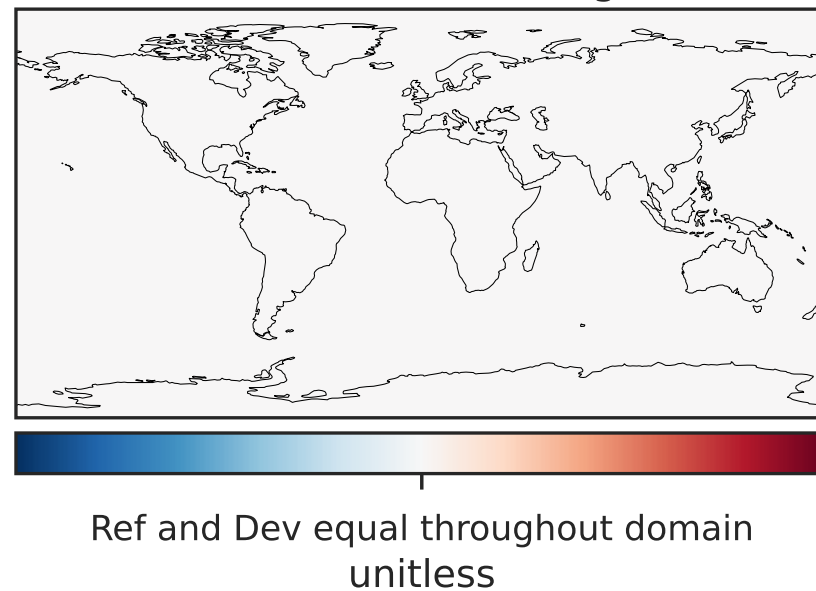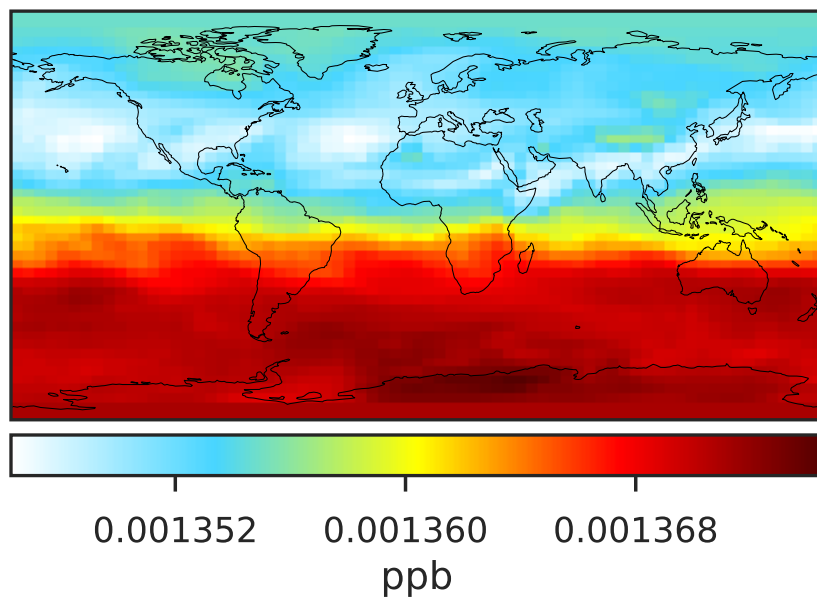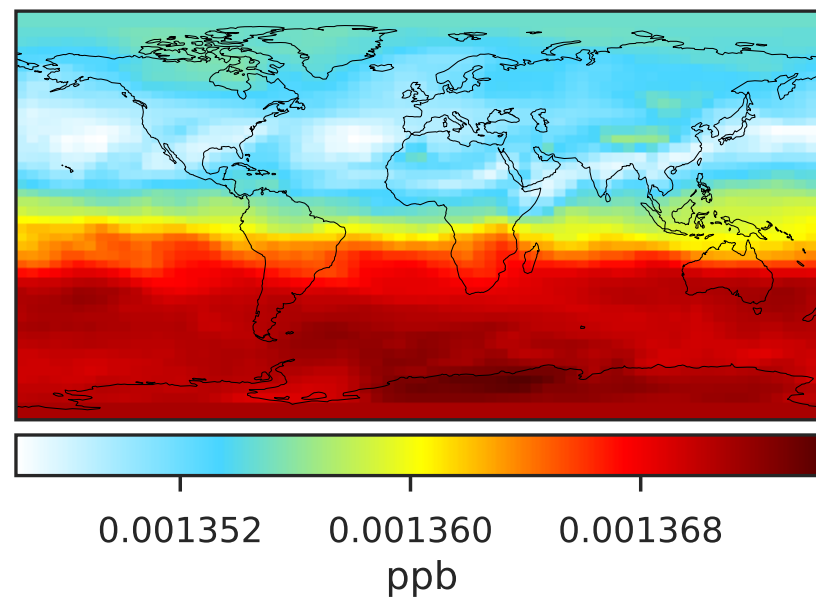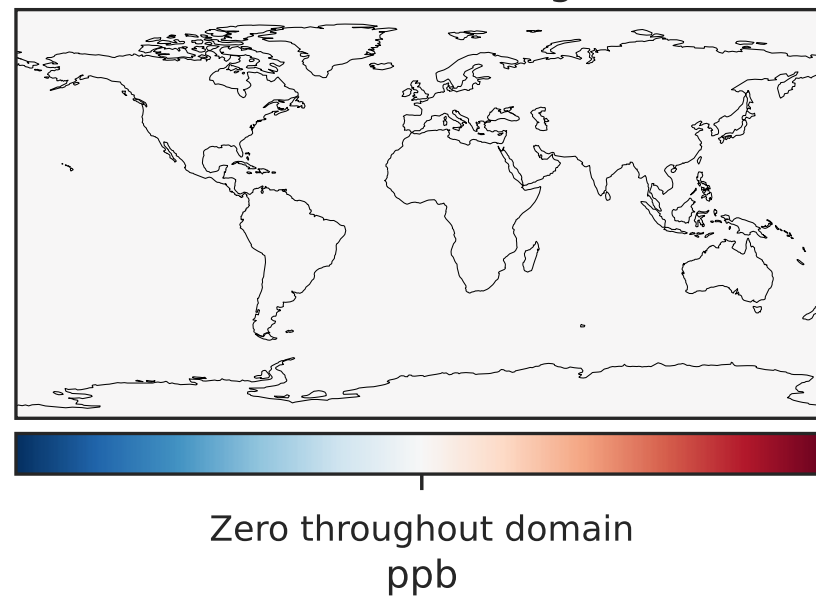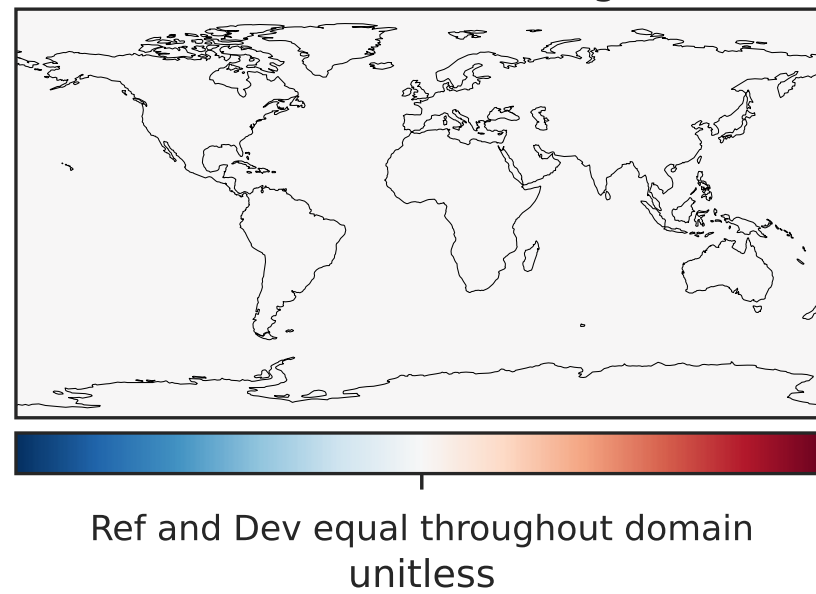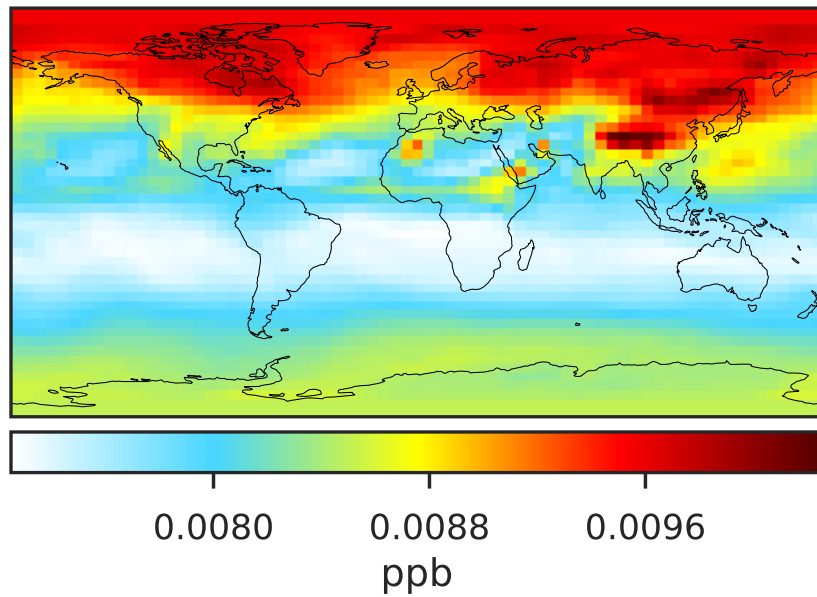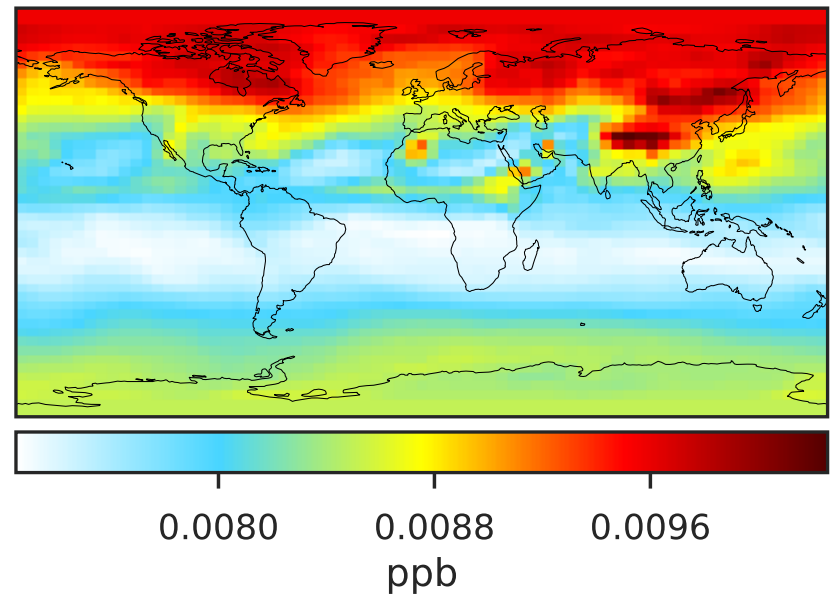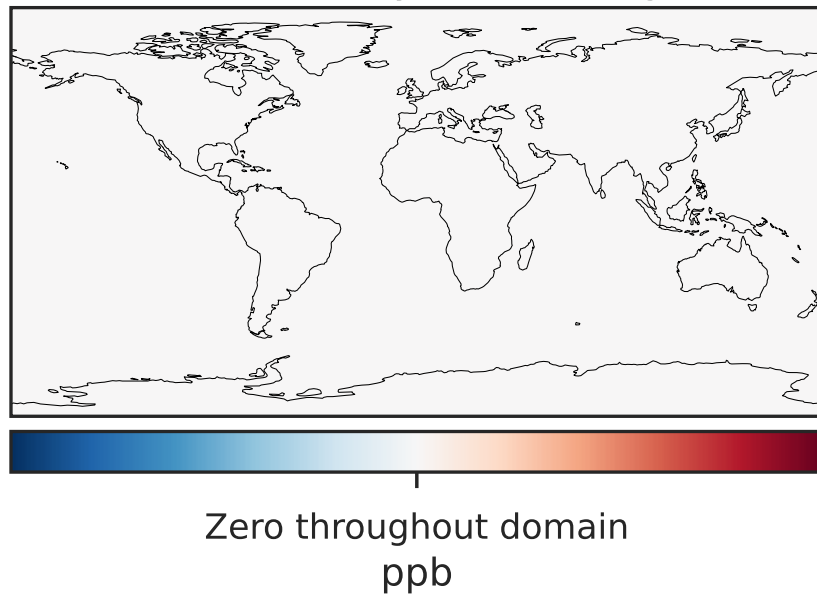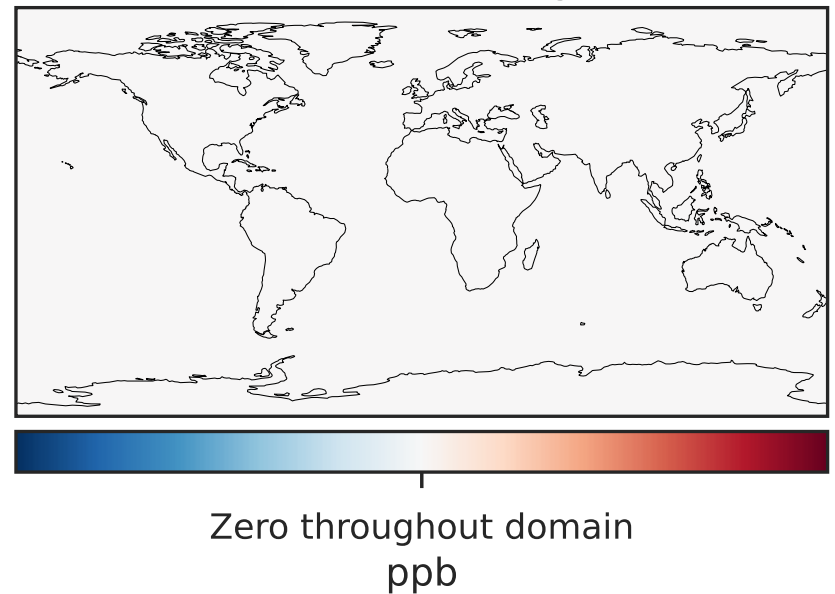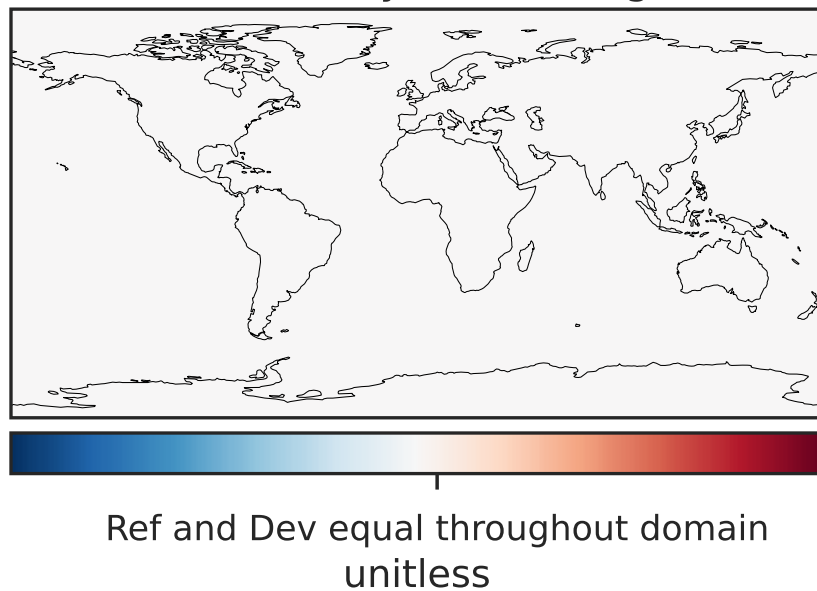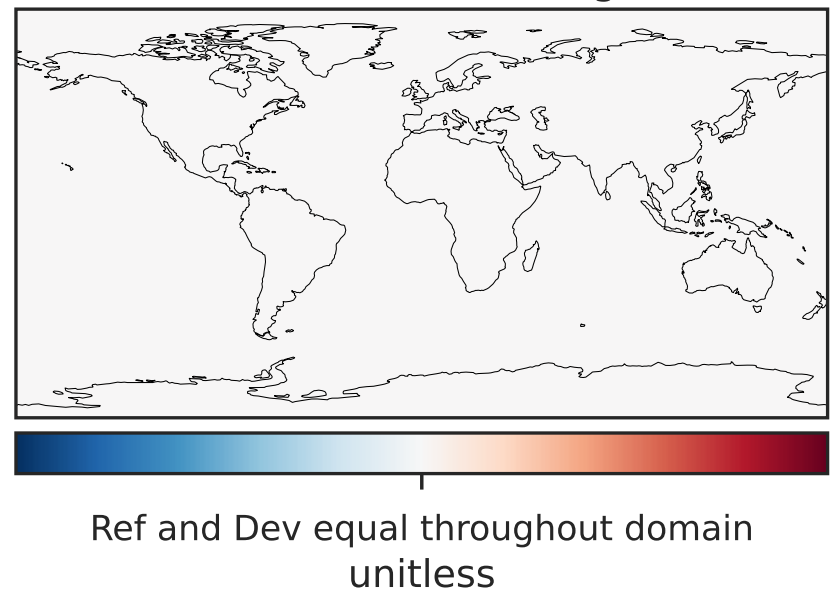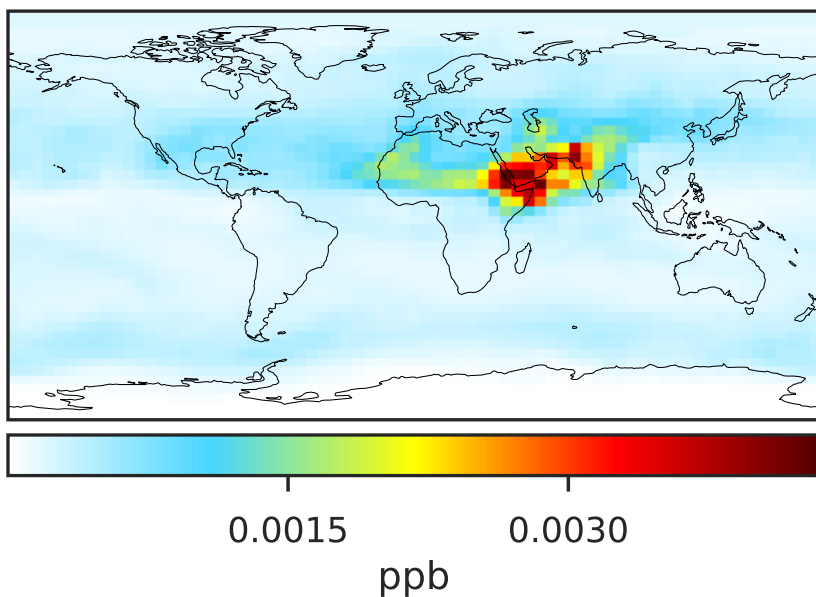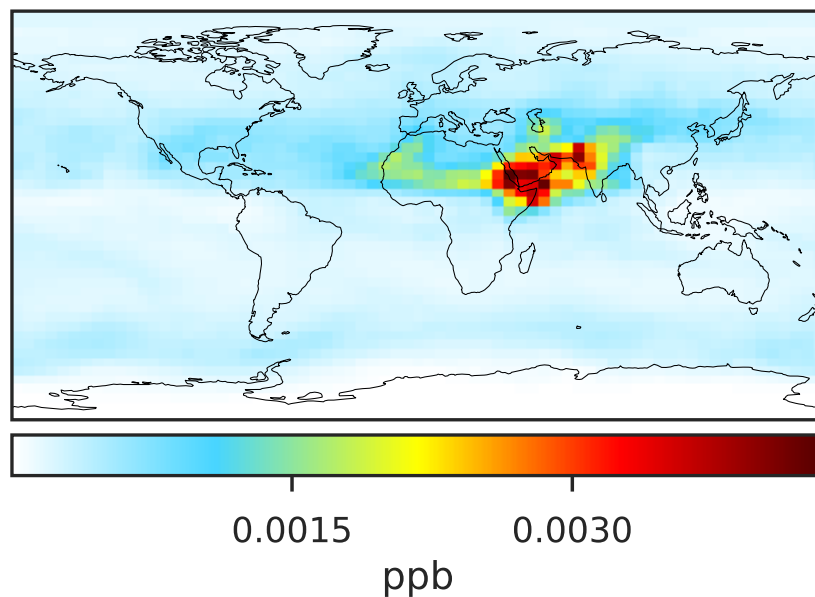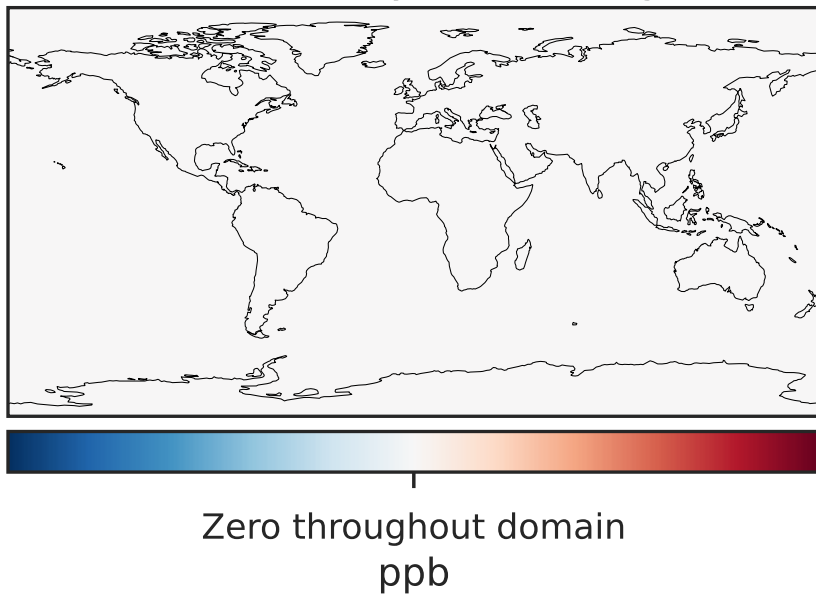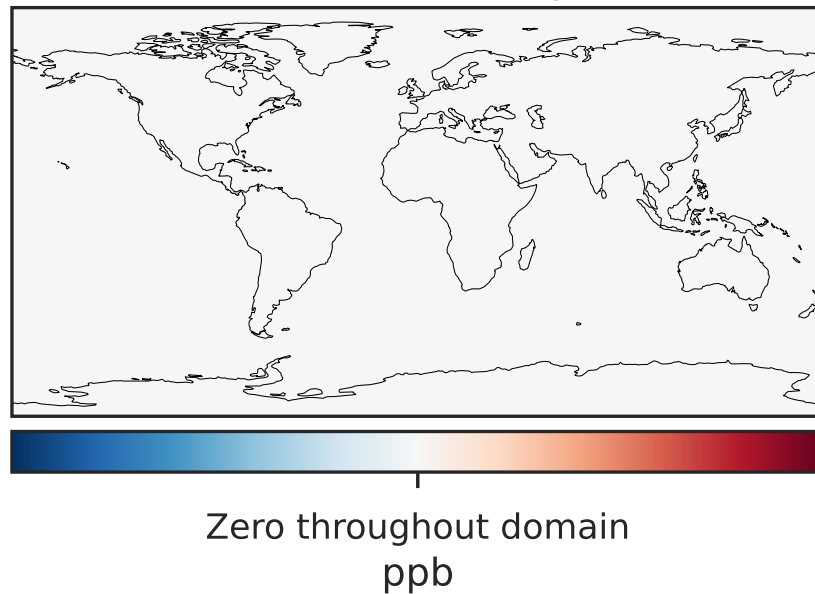Dev - Ref, Restricted Range [5%,95%]

Zero throughout domain
ppb

Zero throughout domain
ppb

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless

Ref and Dev equal throughout domain
unitless

# SpeciesConcVV_HCl



gcc-4x5-1Mon-14.3.0-alpha.6 (Ref)
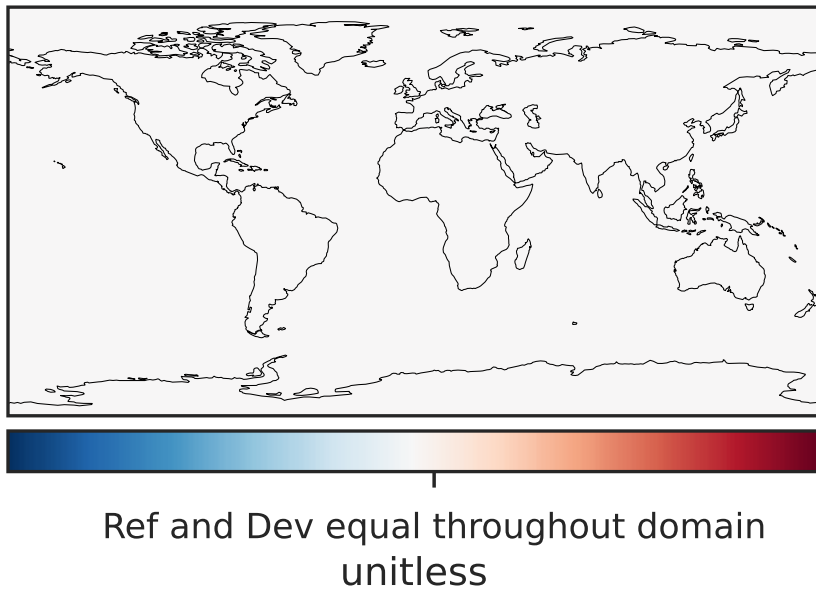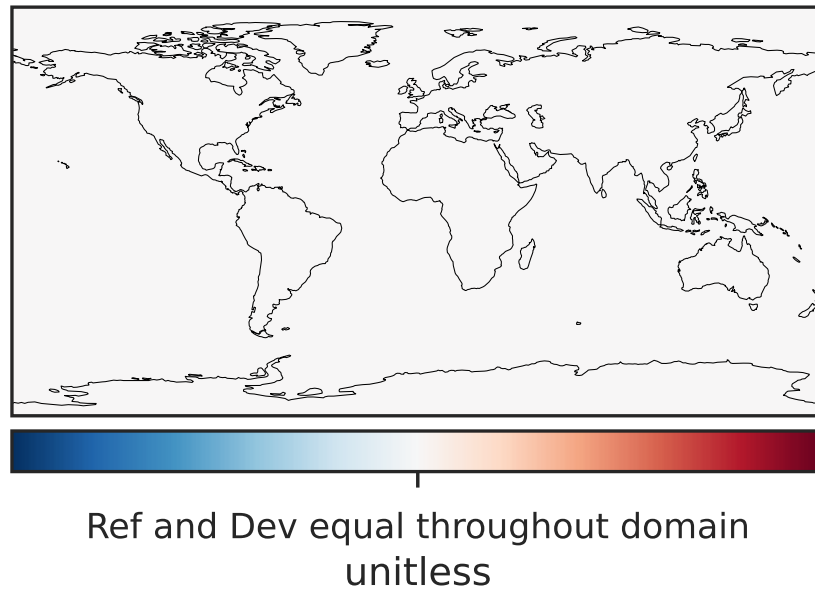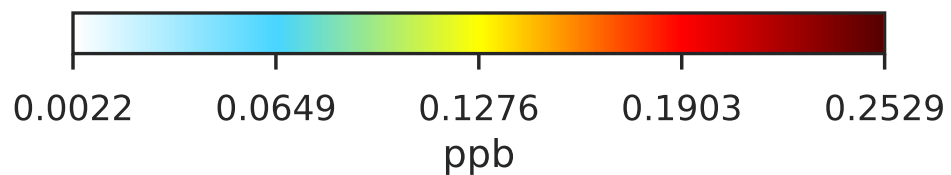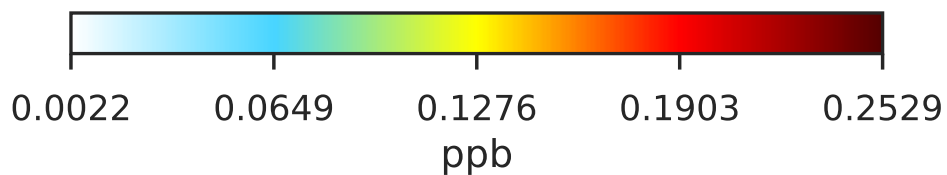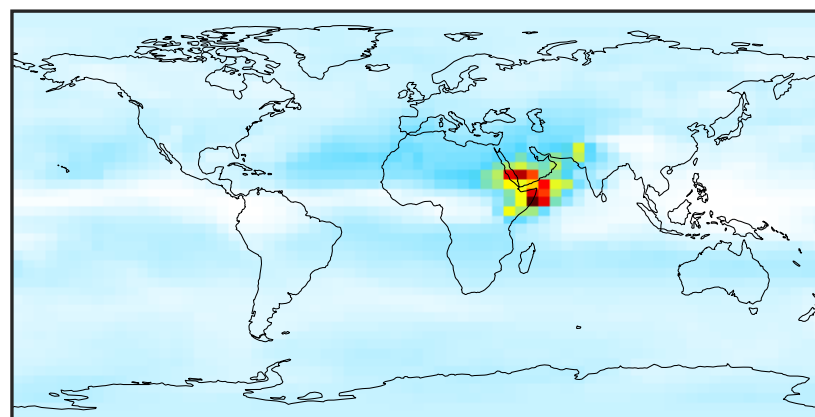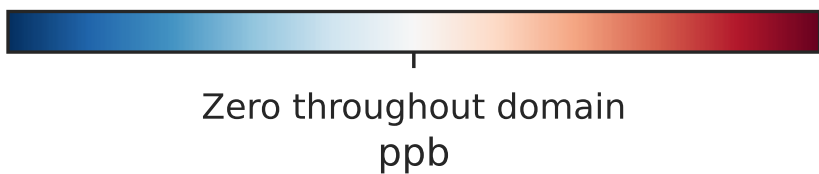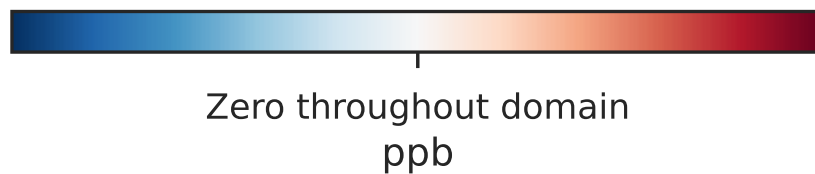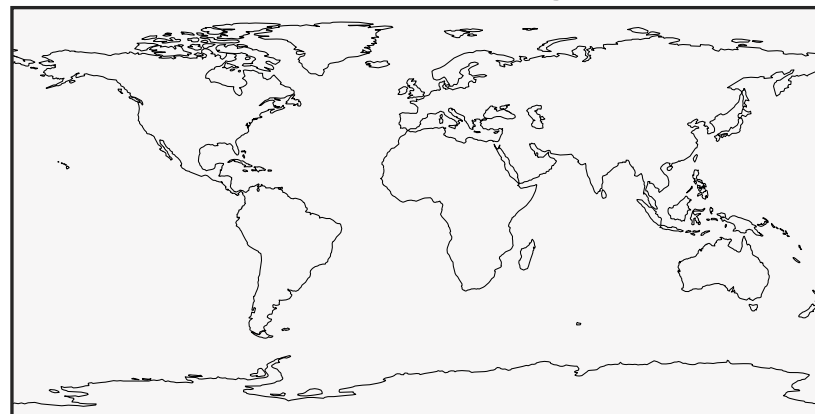4.0x5.0

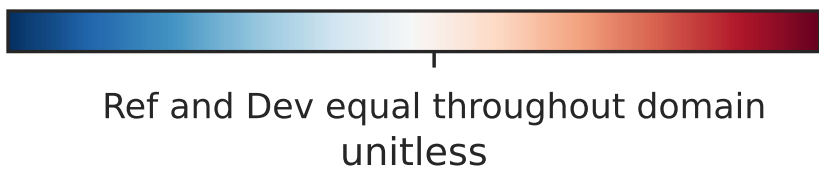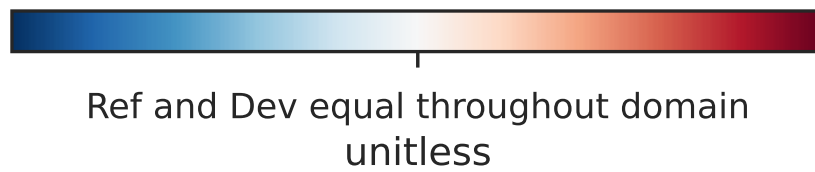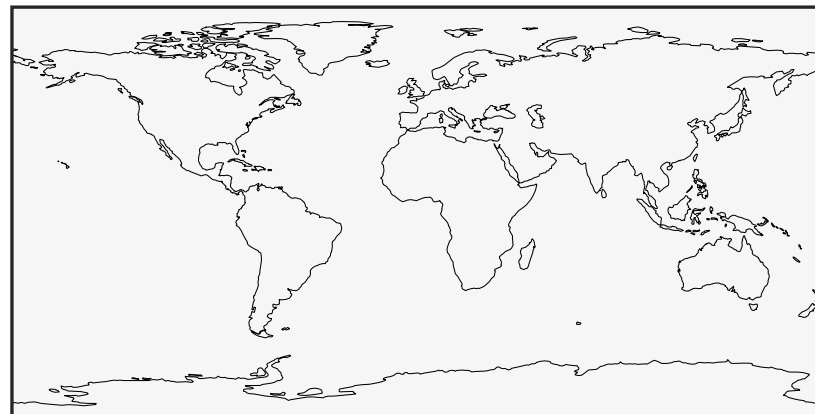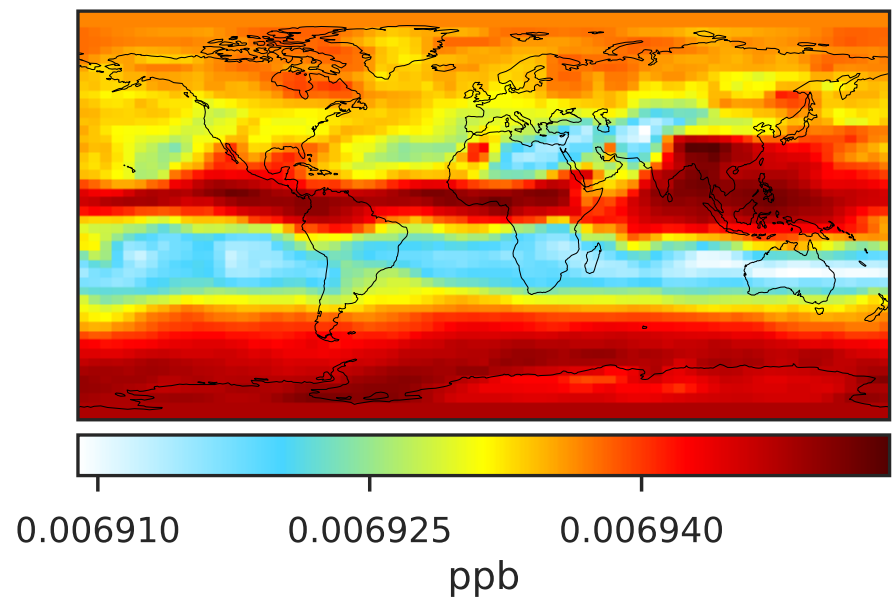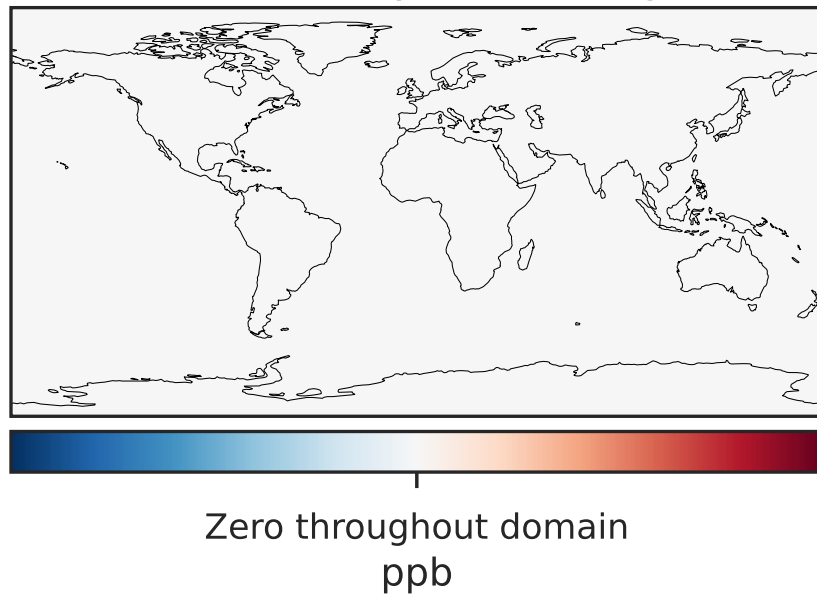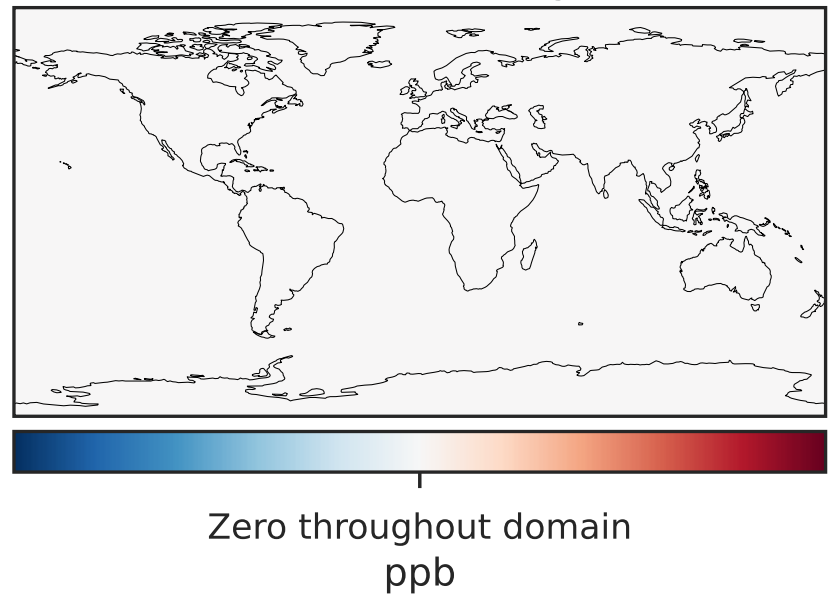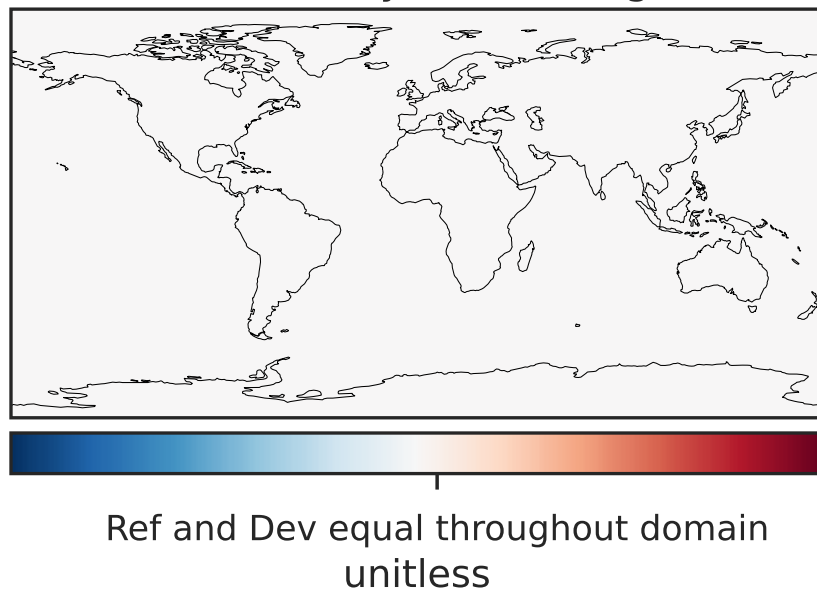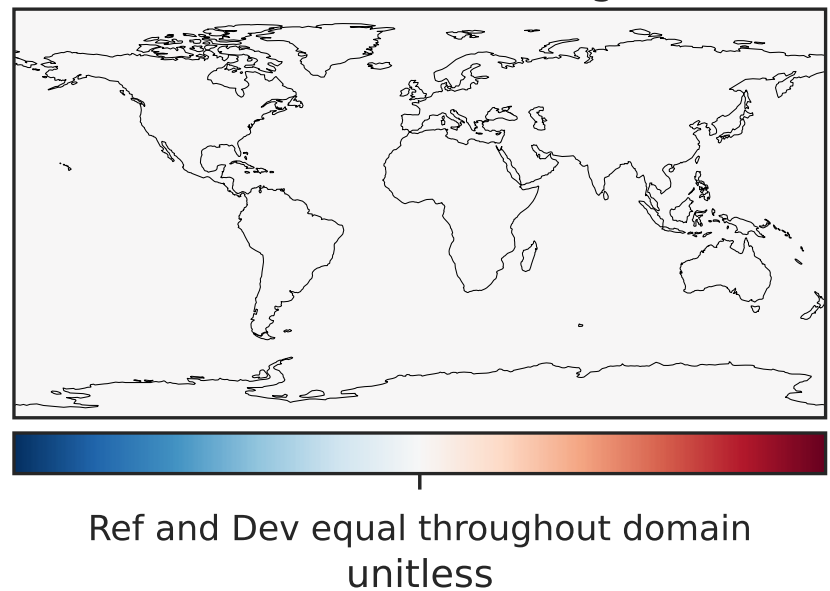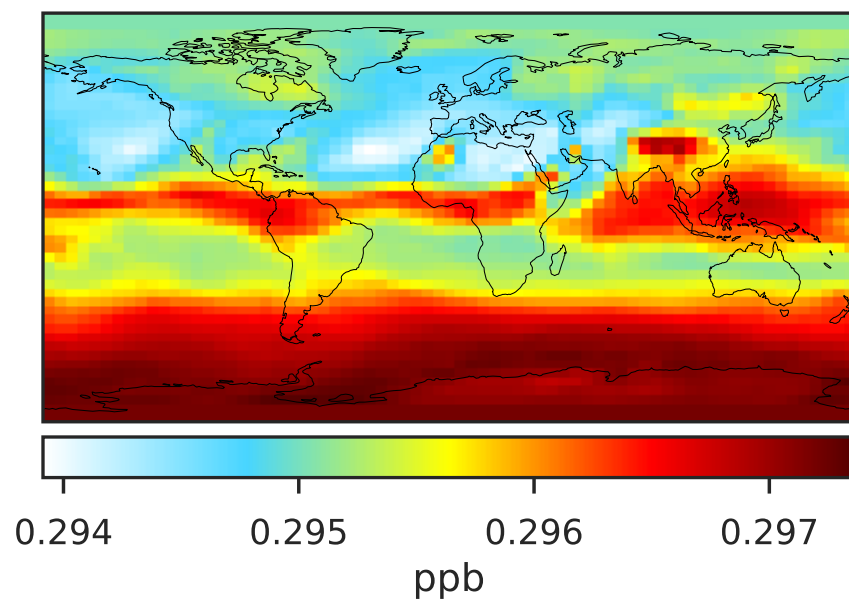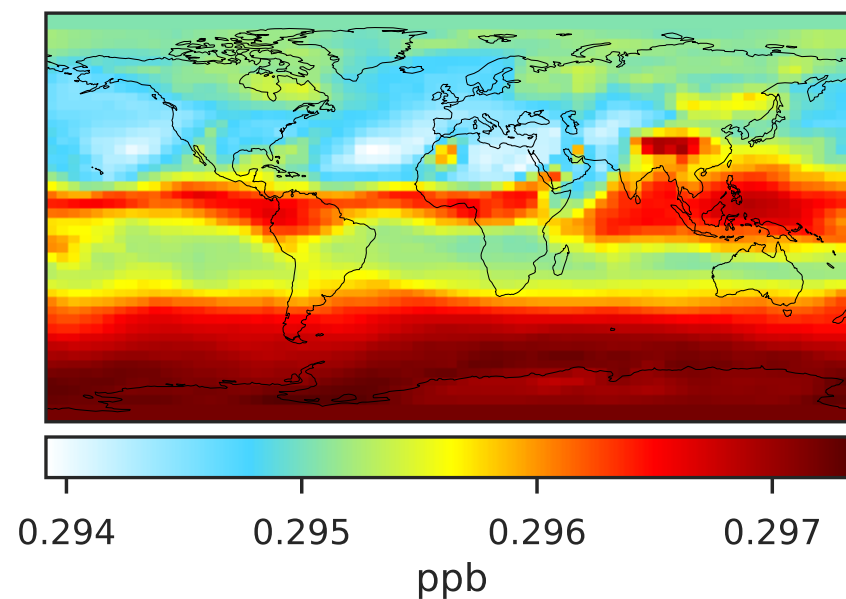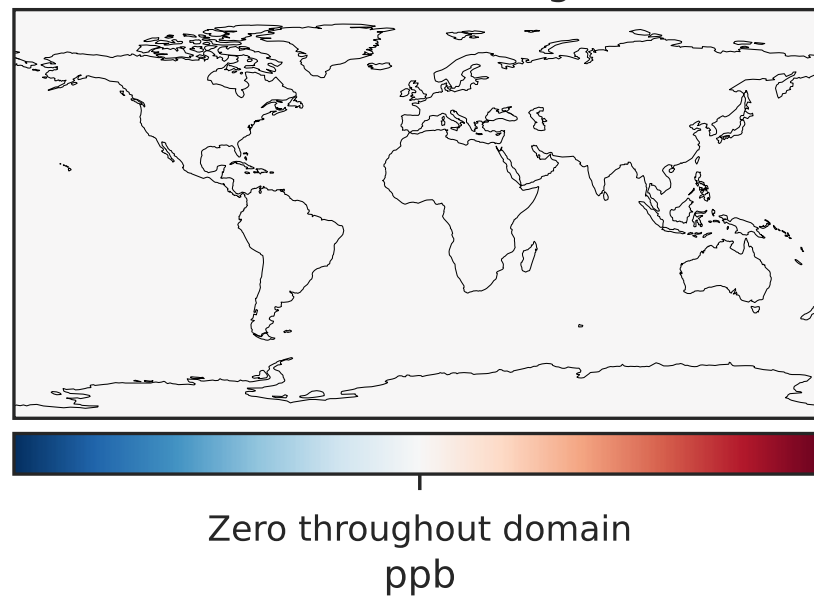gcc-4x5-1Mon-14.3.0-alpha.7 (Dev)
4.0x5.0

0.0022   0.0649   0.1276   0.1903   0.2529
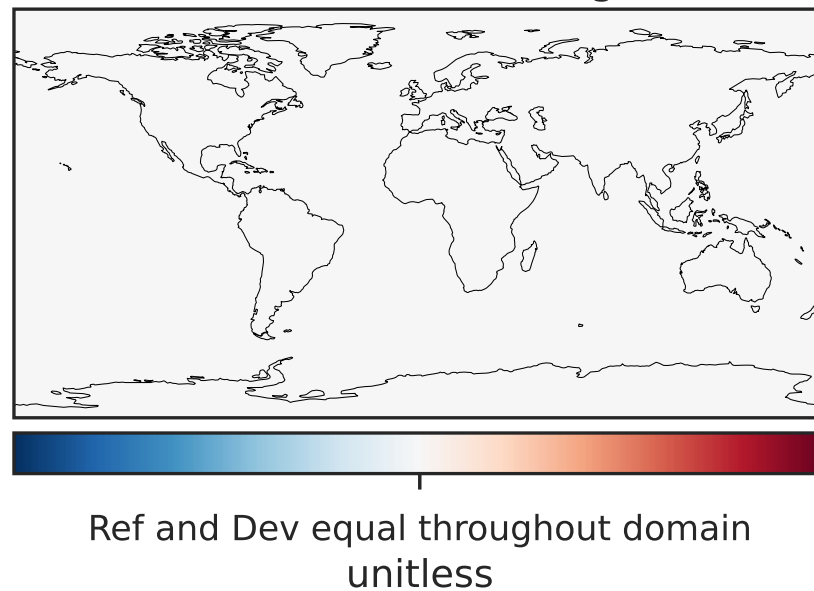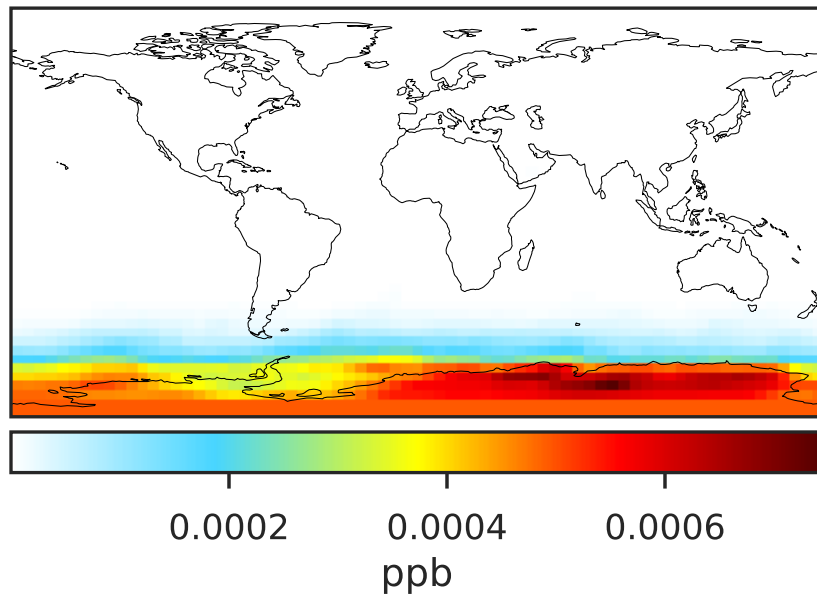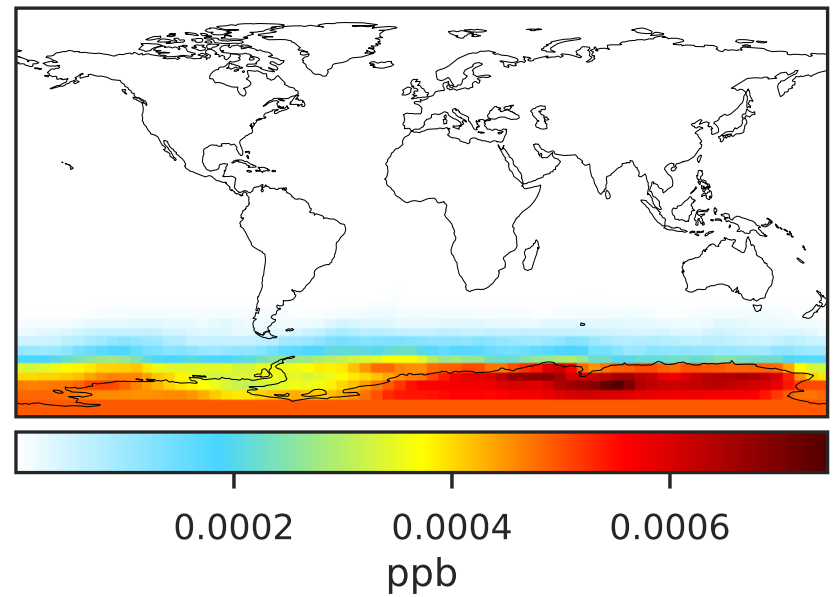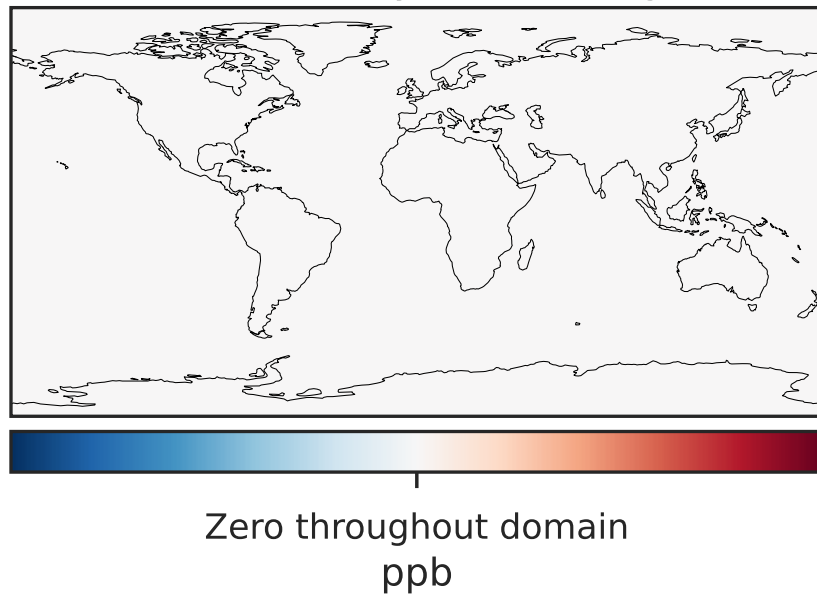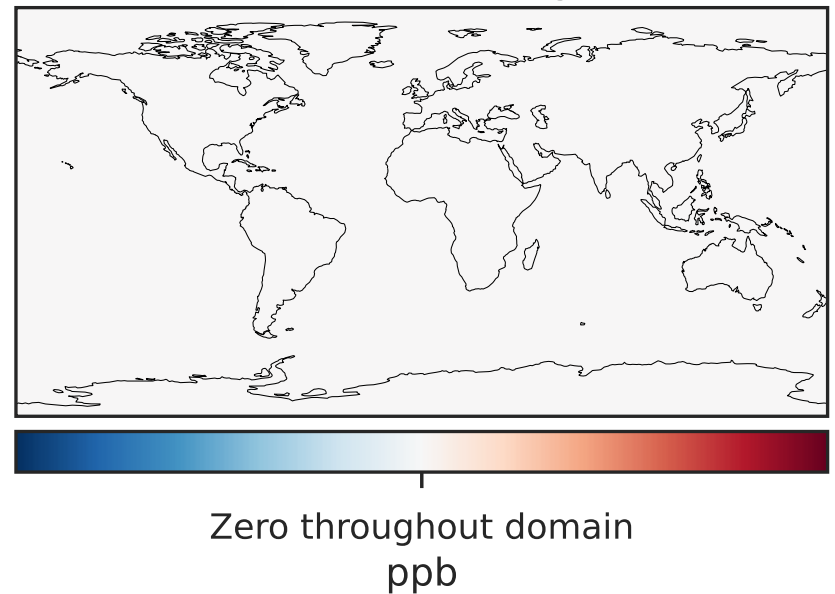ppb

0.0022   0.0649   0.1276   0.1903   0.2529
ppb

Difference
Dev - Ref, Dynamic Range

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

Zero throughout domain
ppb

Zero throughout domain
ppb

Ratio
Dev/Ref, Dynamic Range

Ratio
Dev/Ref, Fixed Range

Ref and Dev equal throughout domain
unitless

Ref and Dev equal throughout domain
unitless

# SpeciesConcVV_Halons

# SpeciesConcVV_HCFCs

# SpeciesConcVV_OClO