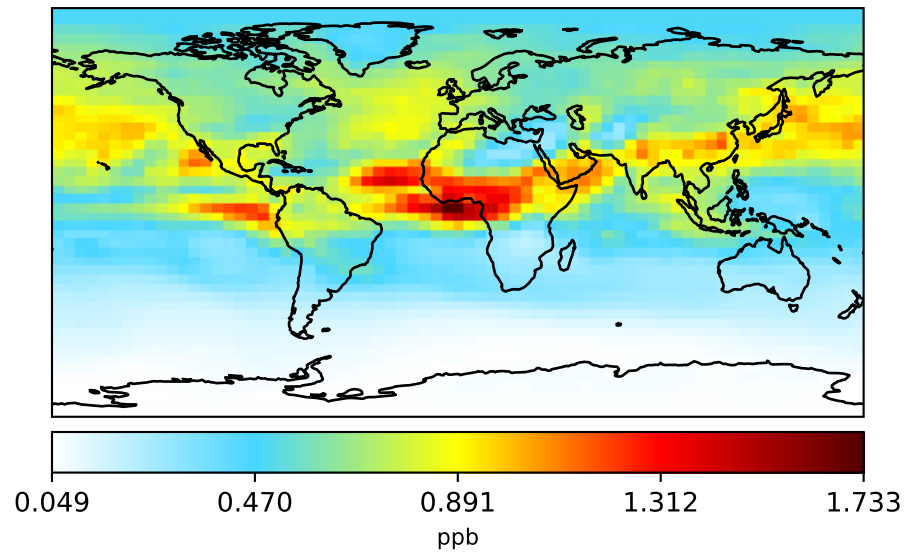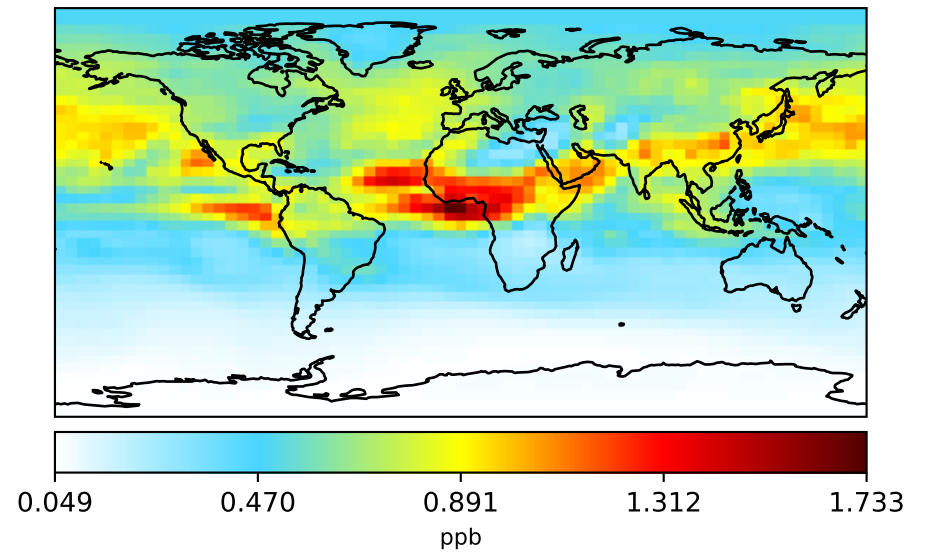# SpeciesConcVV_H2O2

gcc-4x5-1Mon-14.7.0-alpha.1 (Ref)
4.0x5.0

gcc-4x5-1Mon-14.7.0-alpha.2 (Dev)
4.0x5.0

0.049   0.470   0.891   1.312   1.733
ppb

0.049   0.470   0.891   1.312   1.733
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
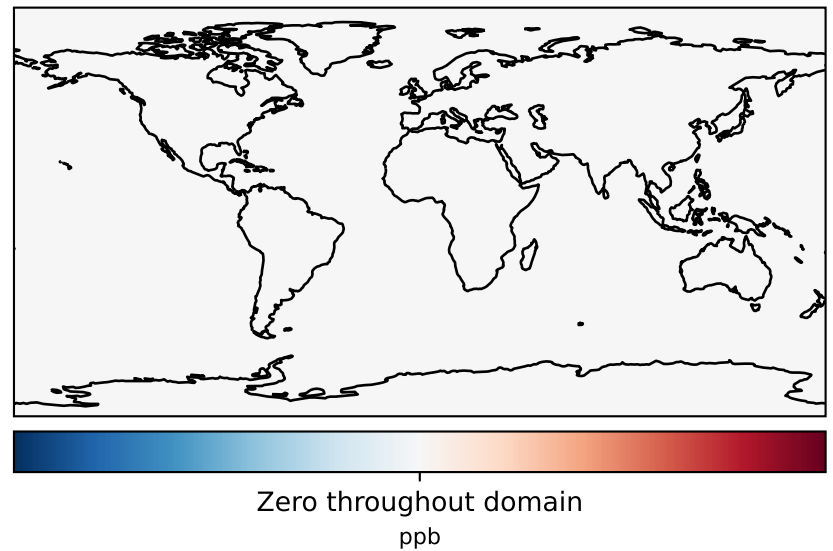unitless

SpeciesConcVV_H

gcc-4x5-1Mon-14.7.0-alpha.1 (Ref)
4.0x5.0
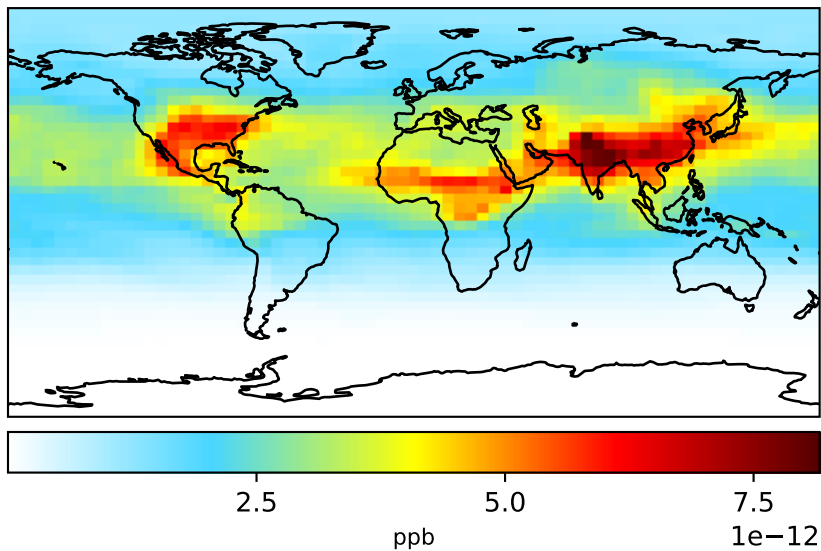
gcc-4x5-1Mon-14.7.0-alpha.2 (Dev)
4.0x5.0

ppb
1e−12

ppb
1e−12

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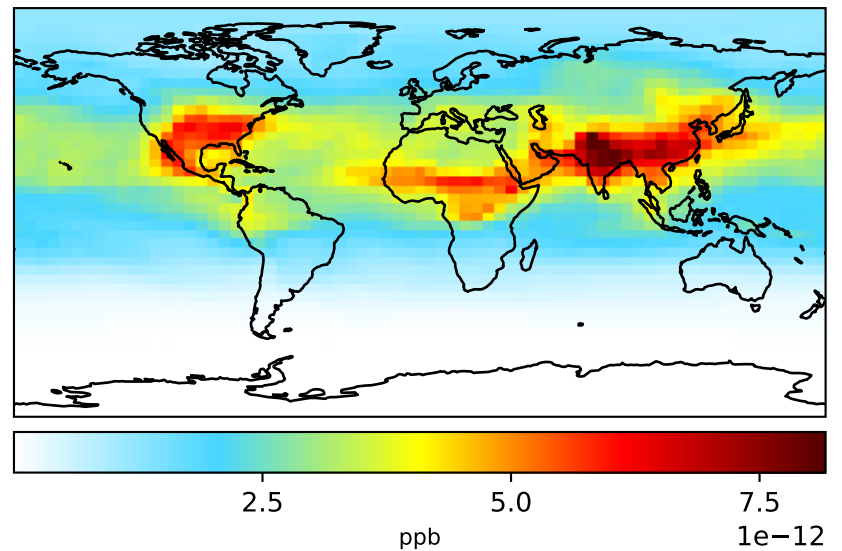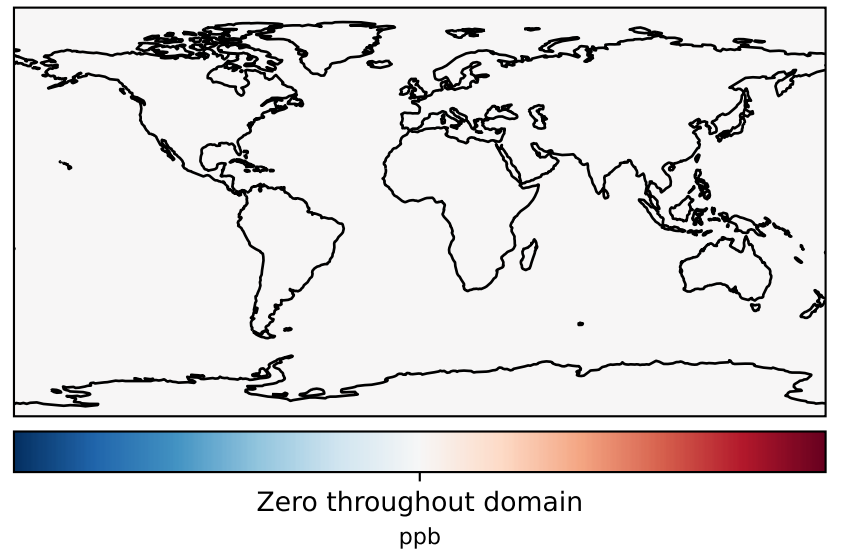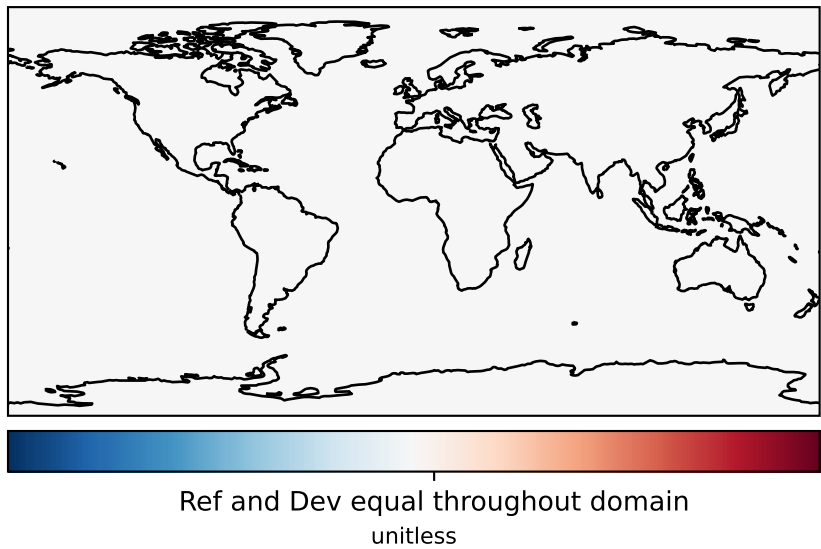
Difference
Dev - Ref, Restricted Range [5%,95%]

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
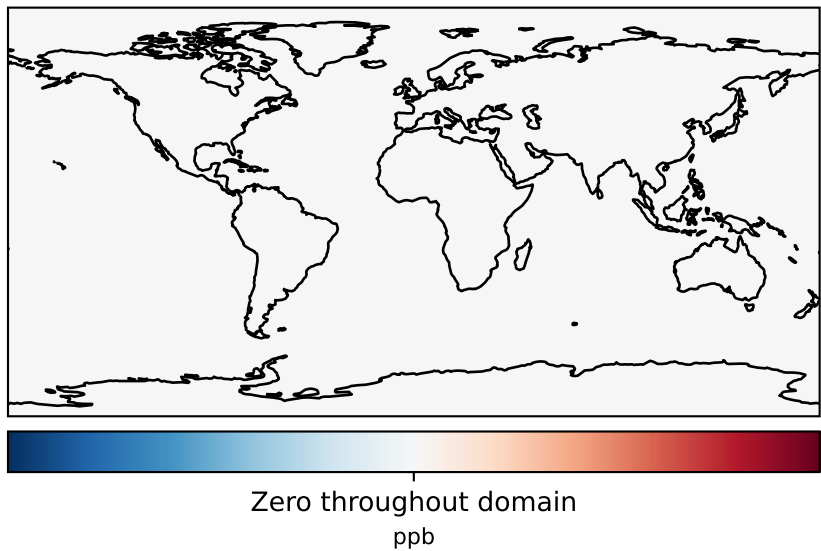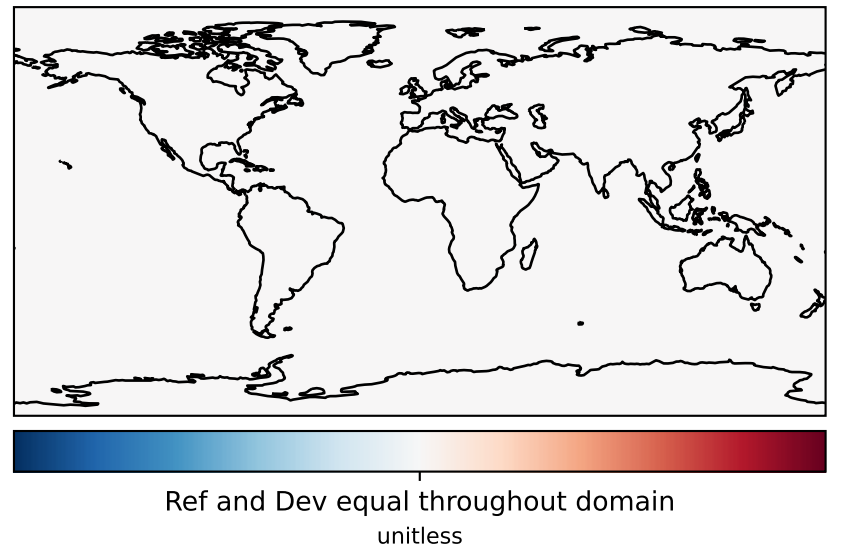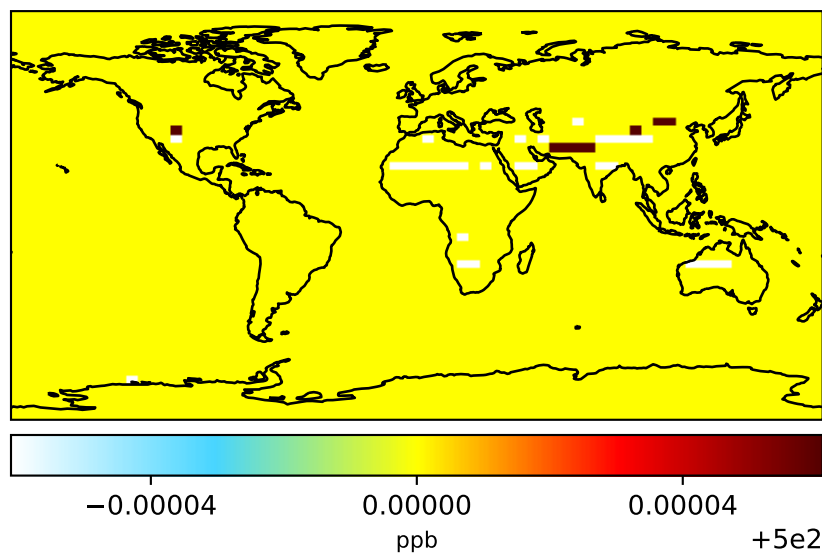
SpeciesConcVV_H2

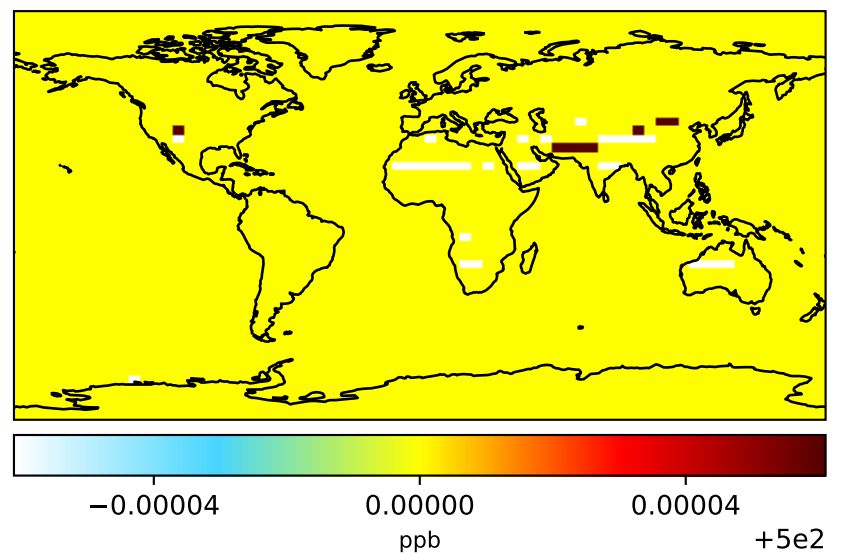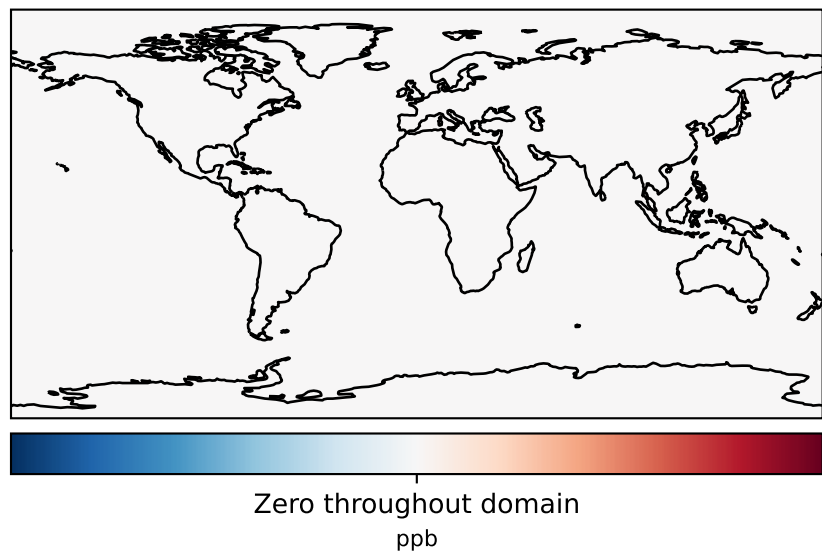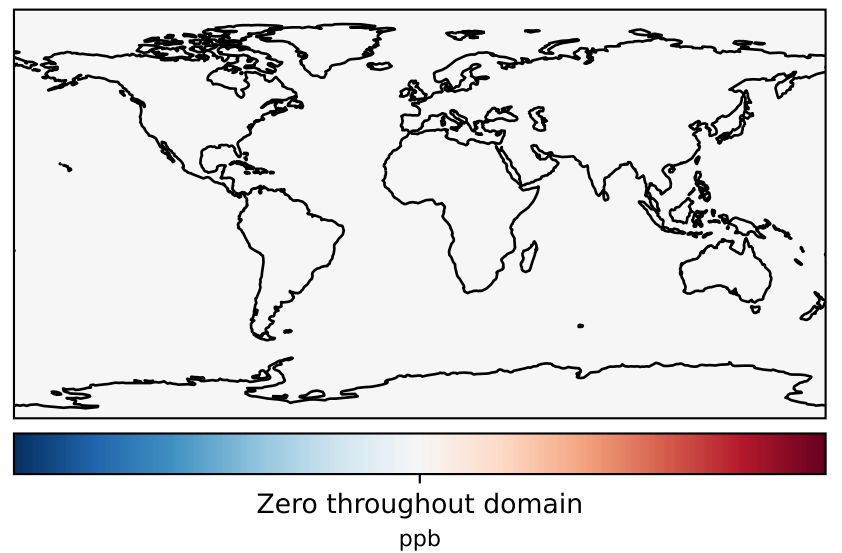# SpeciesConcVV_H2O

gcc-4x5-1Mon-14.7.0-alpha.1 (Ref)
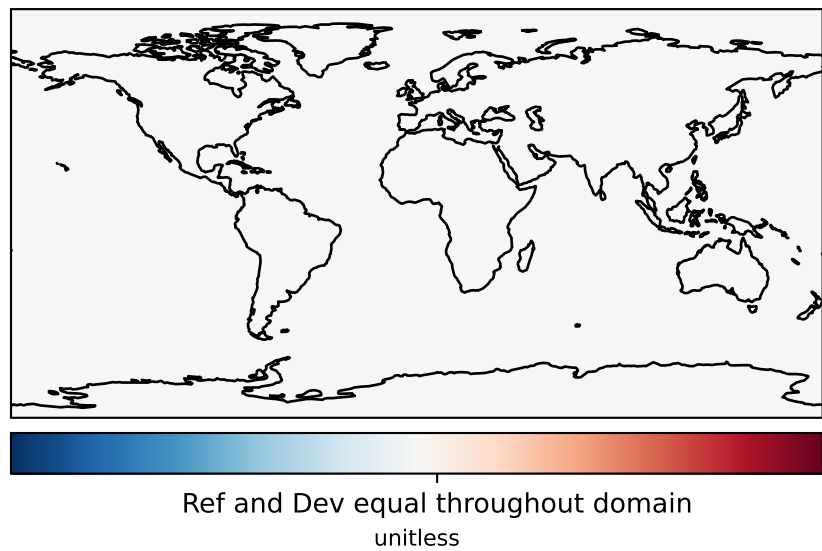4.0x5.0

gcc-4x5-1Mon-14.7.0-alpha.2 (Dev)
4.0x5.0

ppb

ppb

Difference
Dev - Ref, Dynamic Range

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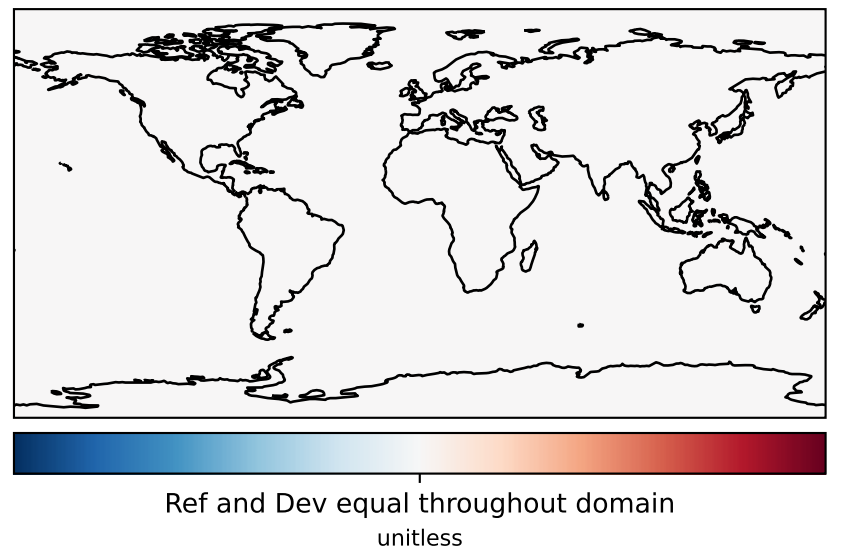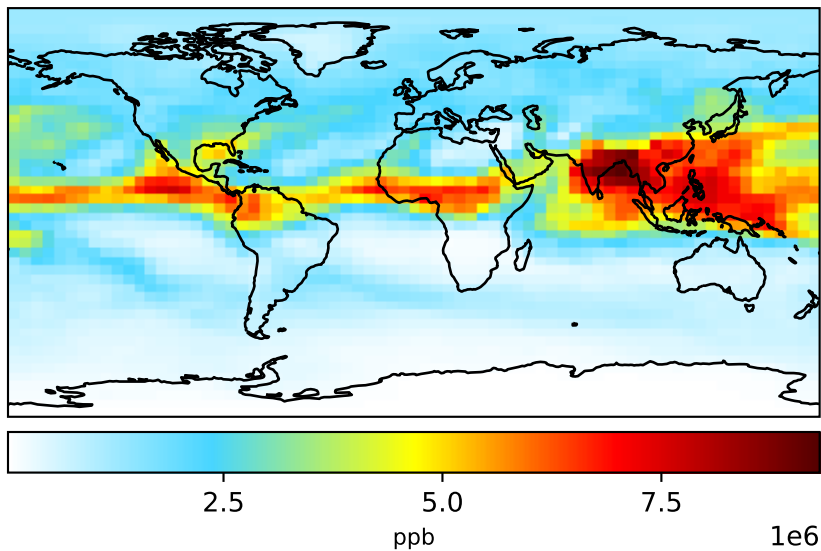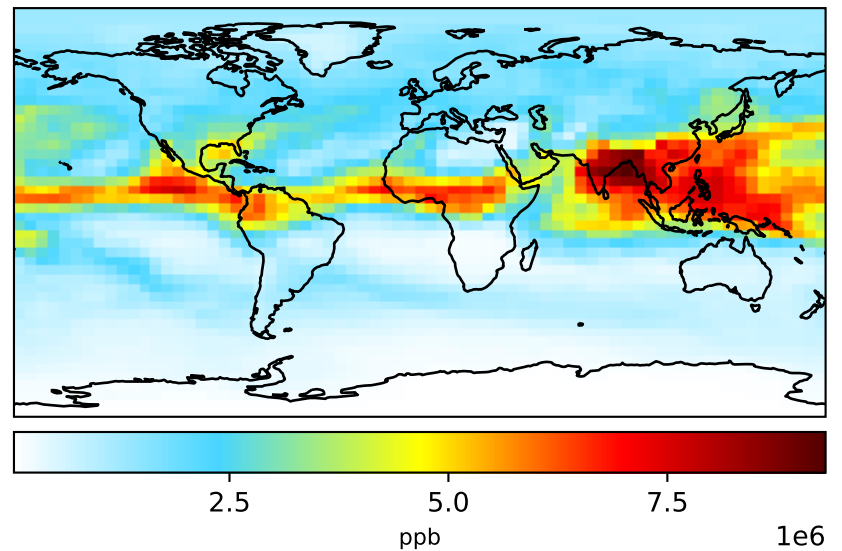Dev - Ref, Restricted Range [5%,95%]

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

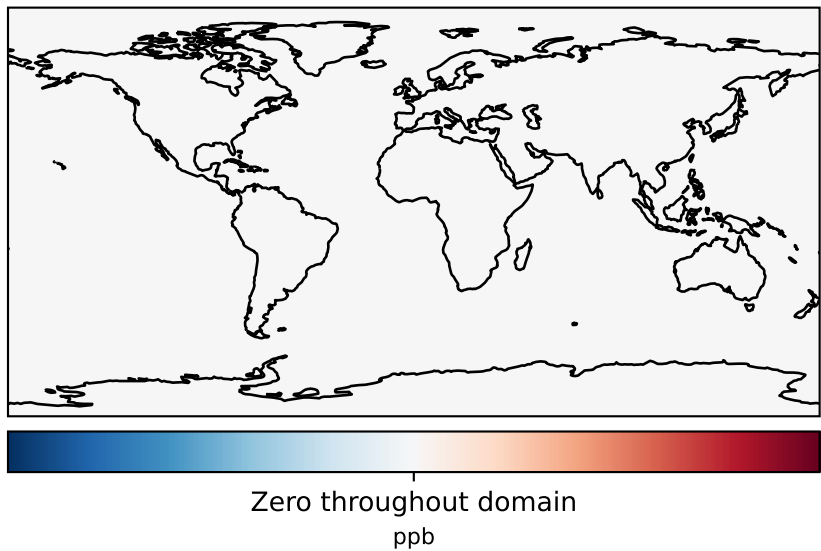Ref and Dev equal throughout domain
unitless

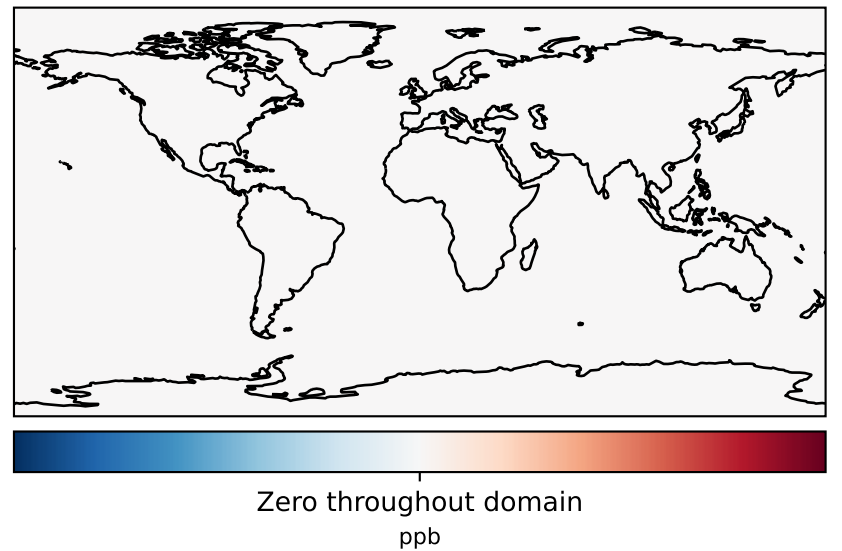# SpeciesConcVV_HO2

gcc-4x5-1Mon-14.7.0-alpha.1 (Ref)
4.0x5.0

gcc-4x5-1Mon-14.7.0-alpha.2 (Dev)
4.0x5.0
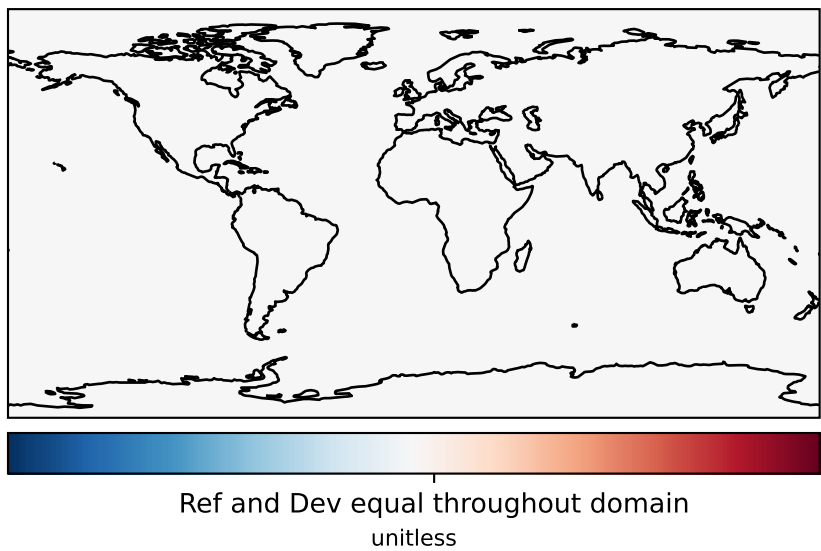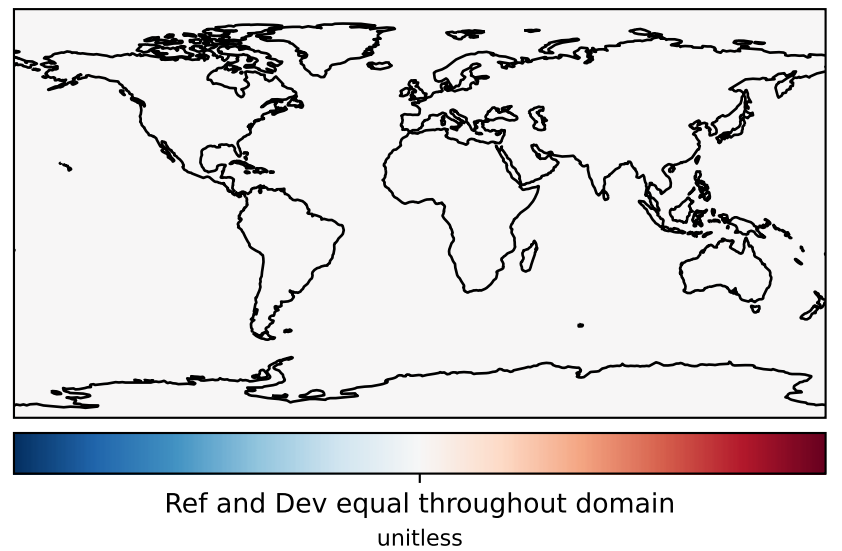
Difference
Dev - Ref, Dynamic Range
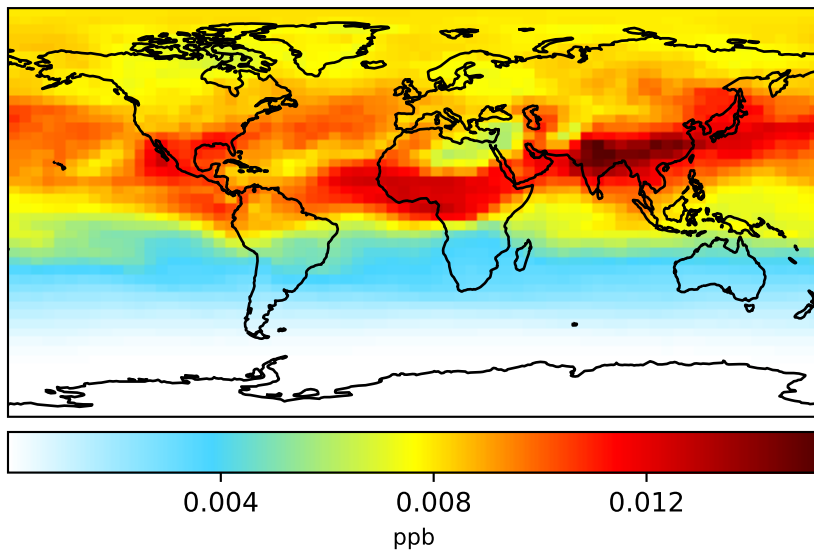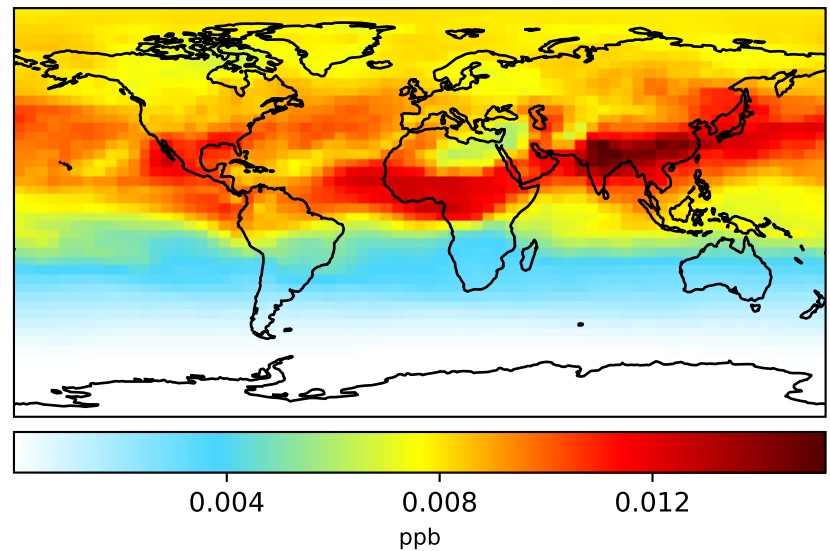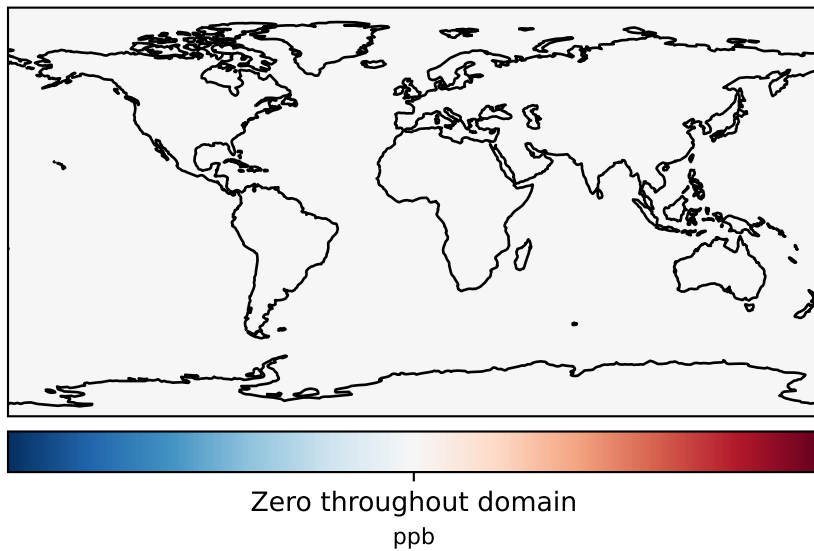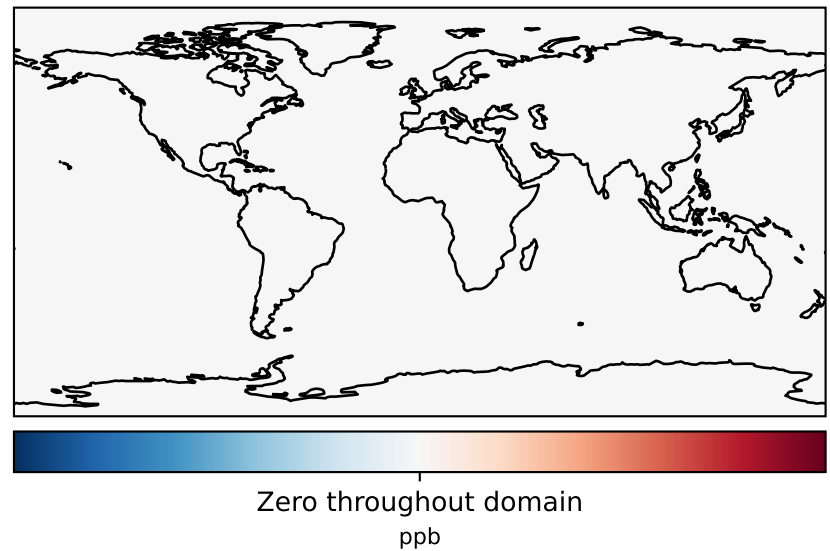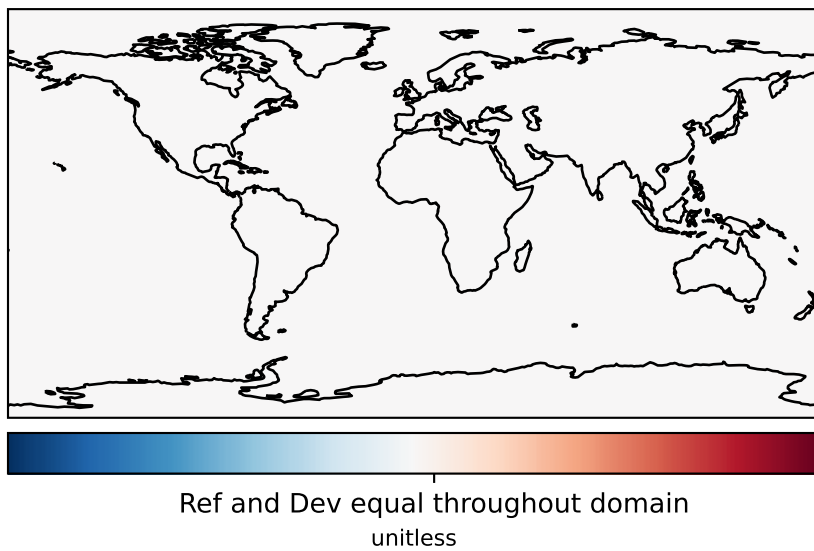
Difference
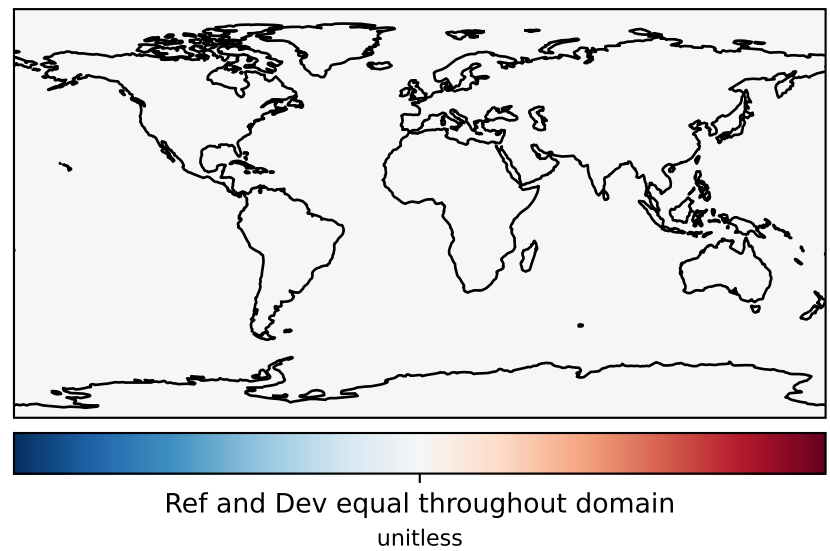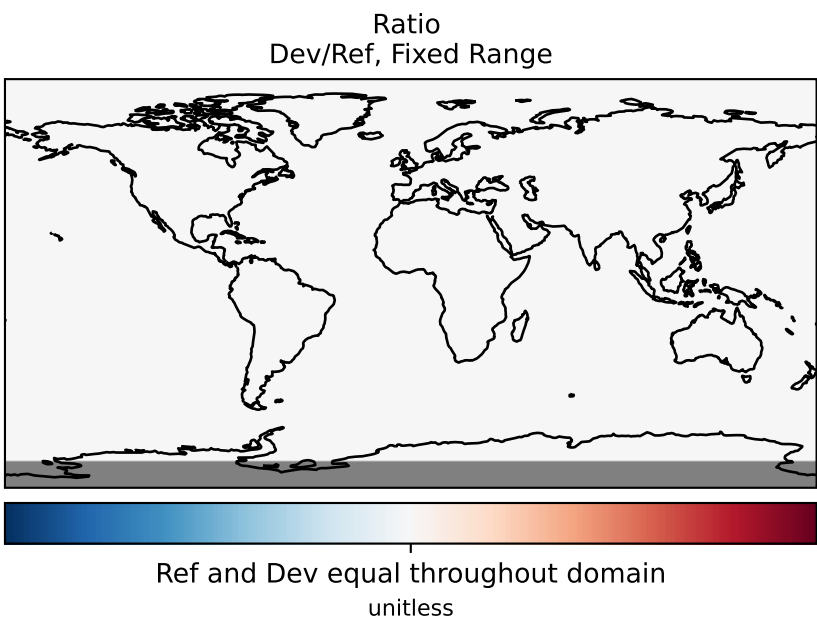Dev - Ref, Restricted Range [5%,95%]
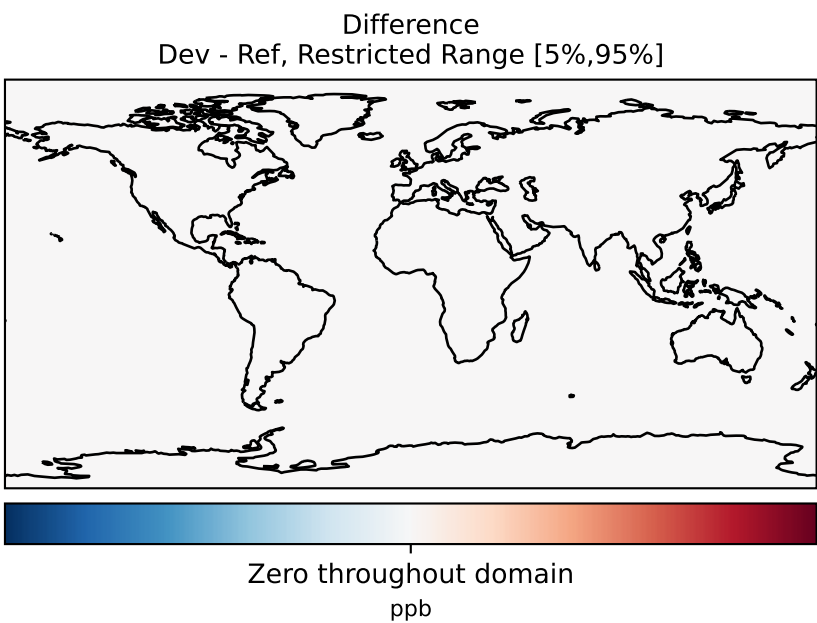
Zero throughout domain
ppb

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_O1D

gcc-4x5-1Mon-14.7.0-alpha.1 (Ref)
4.0x5.0

gcc-4x5-1Mon-14.7.0-alpha.2 (Dev)
4.0x5.0

ppb

1e−12

ppb

1e−12

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
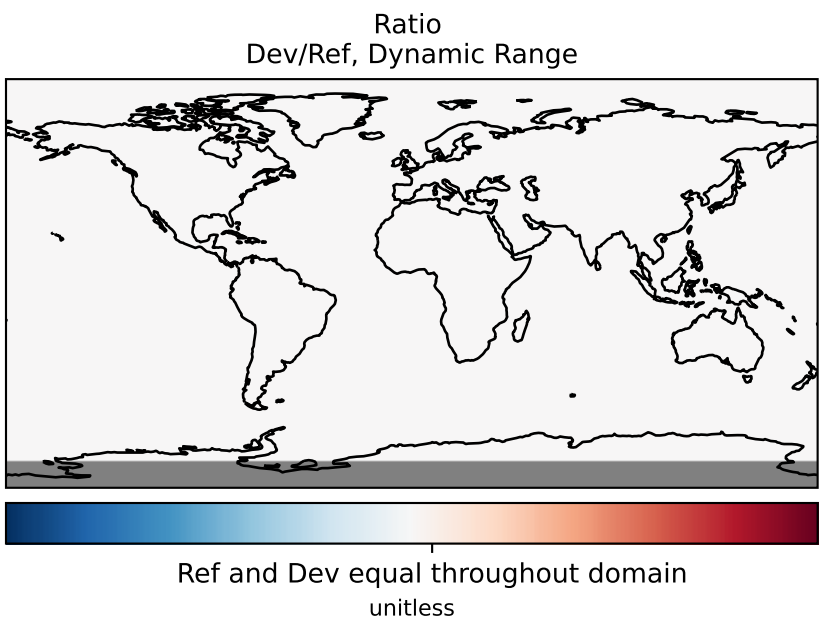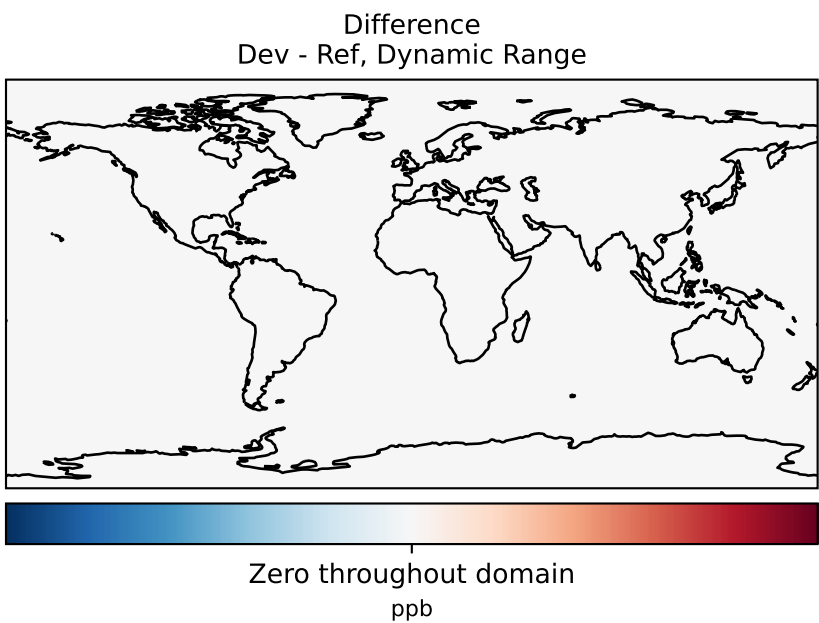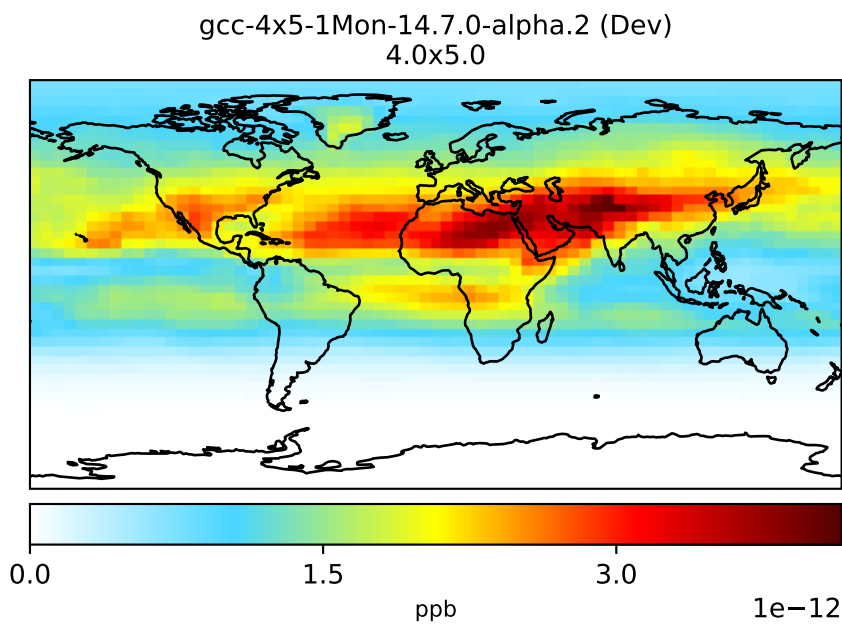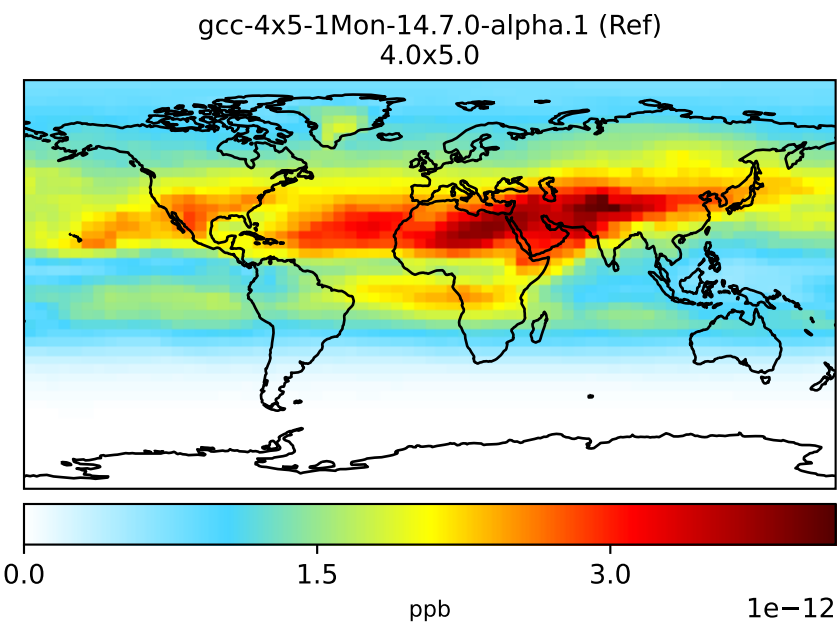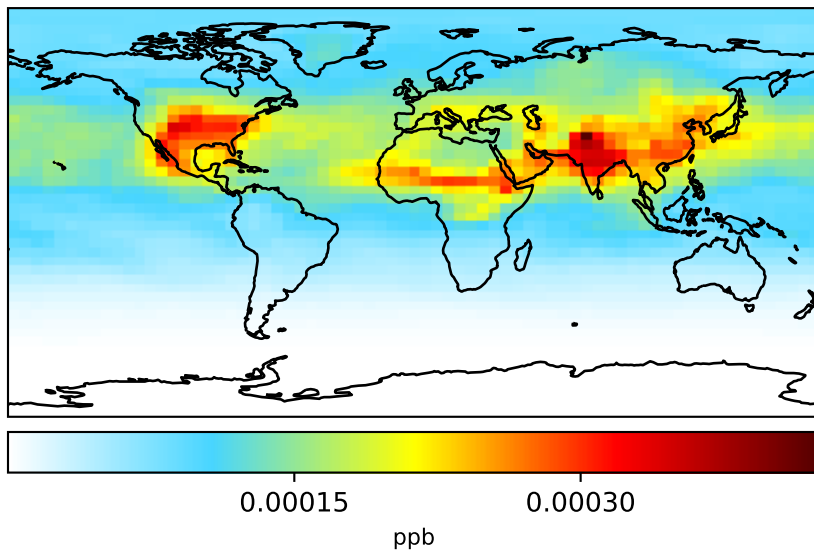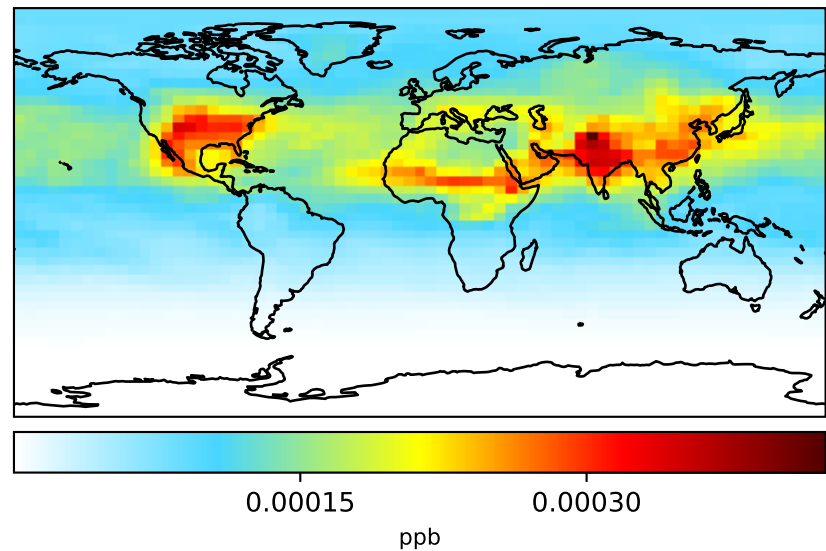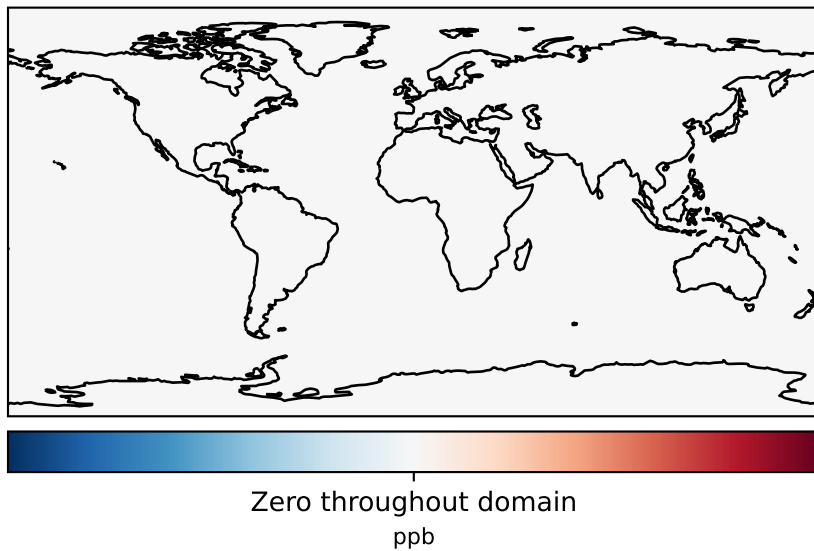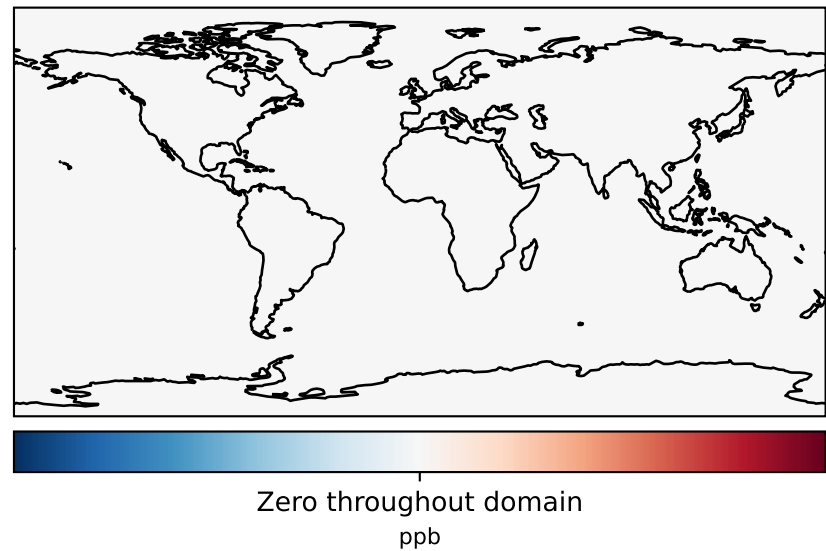
SpeciesConcVV_OH

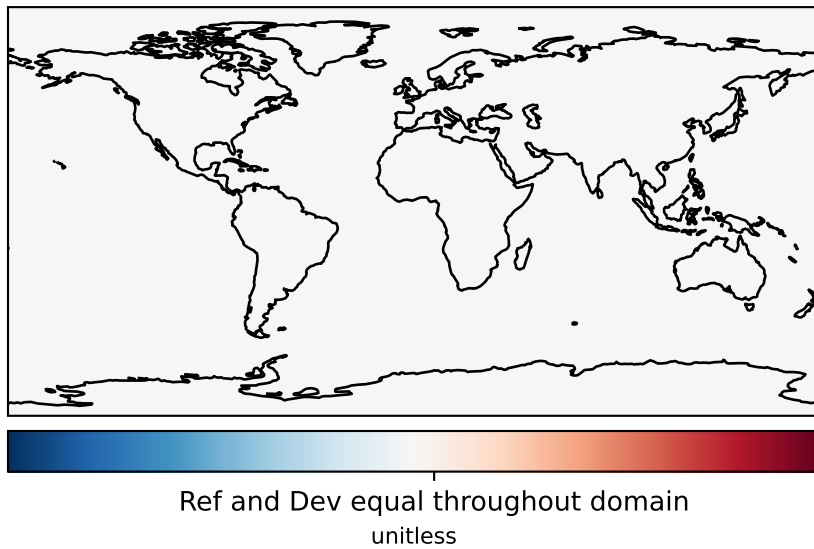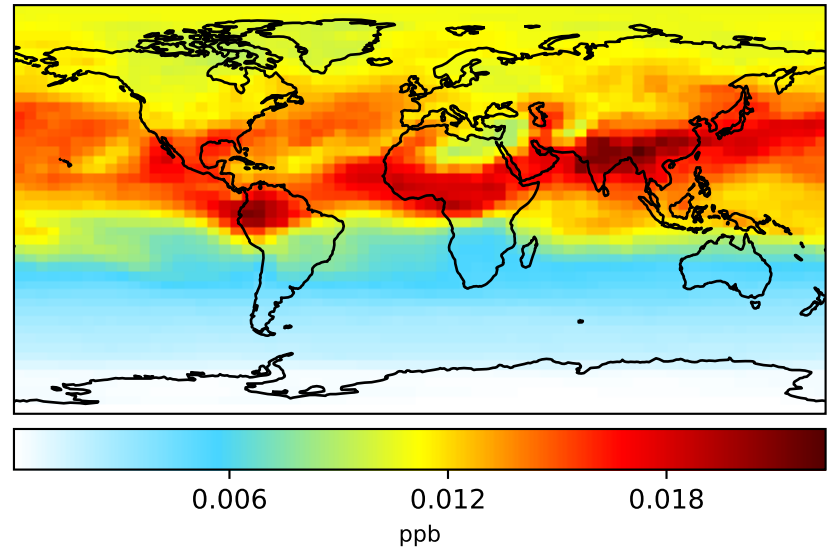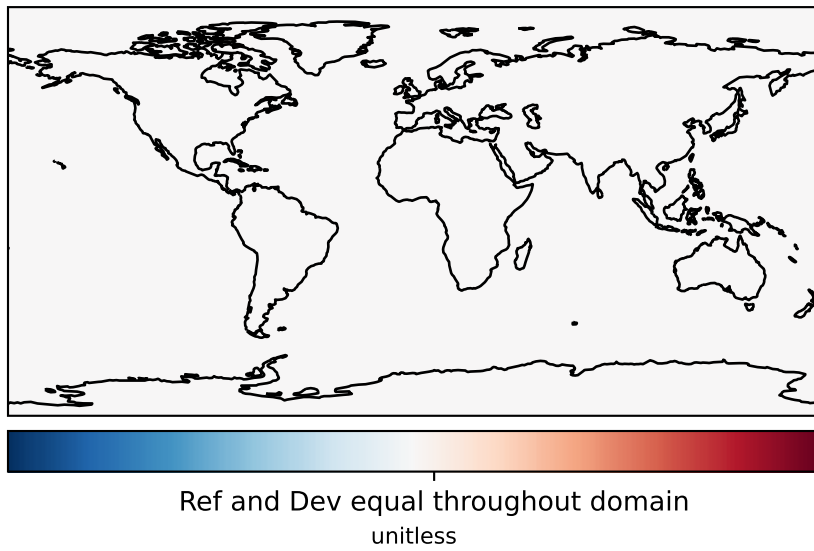| gcc-4x5-1Mon-14.7.0-alpha.1 (Ref) 4.0x5.0	gcc-4x5-1Mon-14.7.0-alpha.2 (Dev) 4.0x5.0
Difference Dev - Ref, Dynamic Range Zero throughout domain ppb	Difference Dev - Ref, Restricted Range [5%,95%] Zero throughout domain ppb
Ratio Dev/Ref, Dynamic Range Ref and Dev equal throughout domain unitless	Ratio Dev/Ref, Fixed Range Ref and Dev equal throughout domain unitless

SpeciesConcVV_RO2