SpeciesConcVV_SOx

gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0
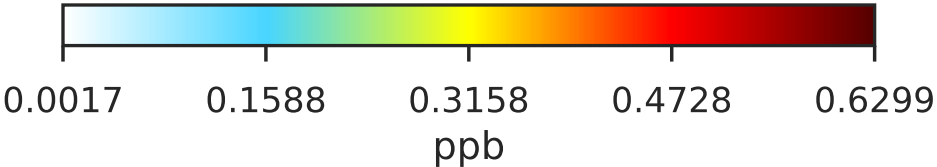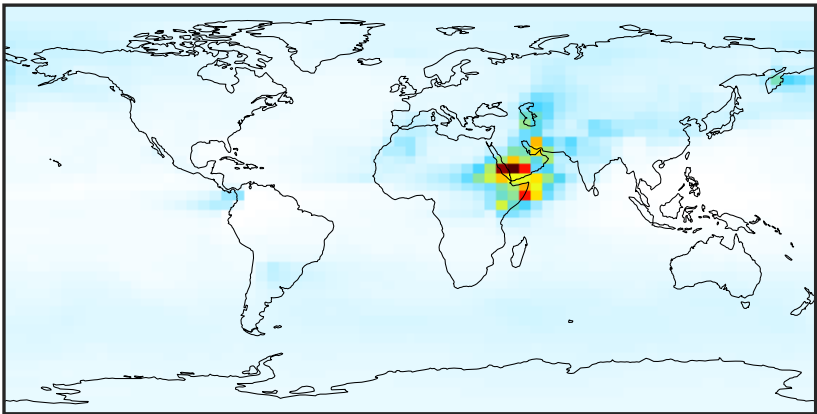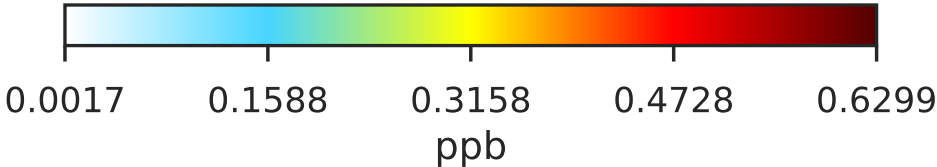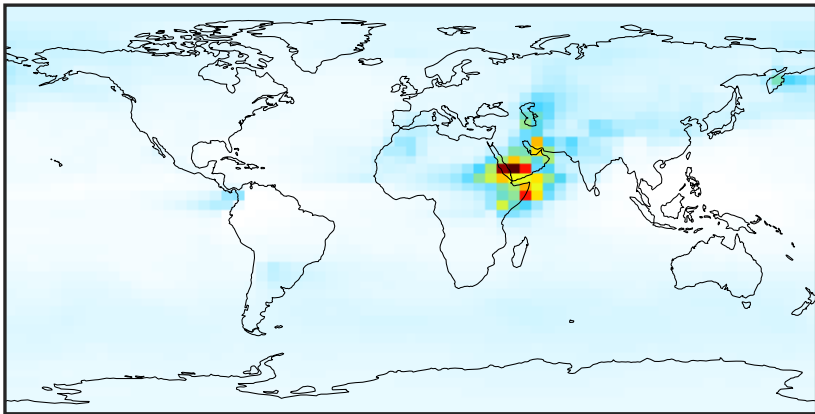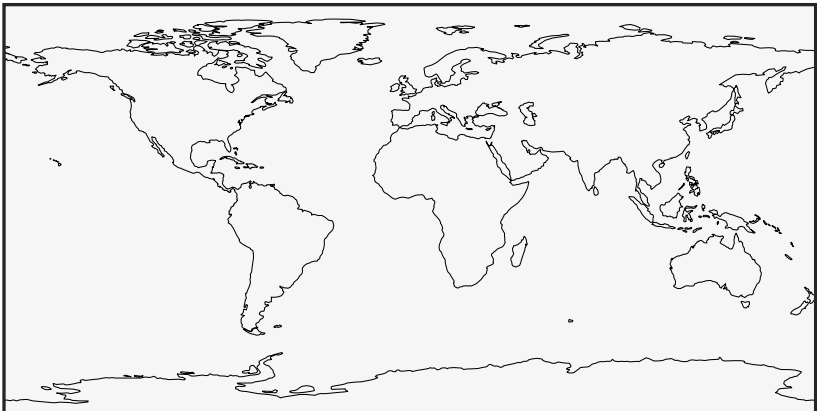
| 0.0017 | 0.1588 | 0.3158 | 0.4728 | 0.6299 |

ppb

gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0

| 0.0017 | 0.1588 | 0.3158 | 0.4728 | 0.6299 |

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
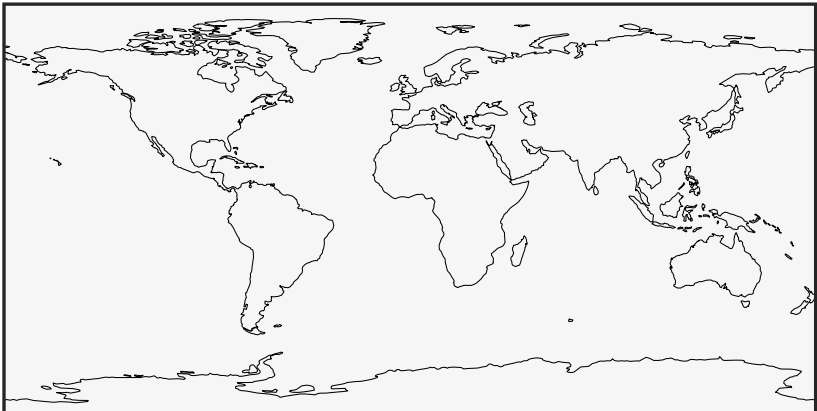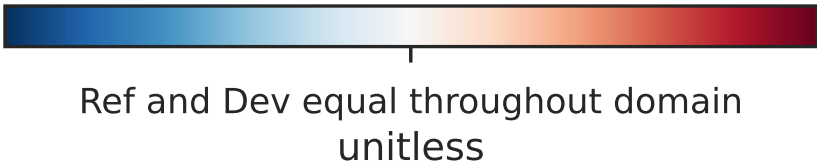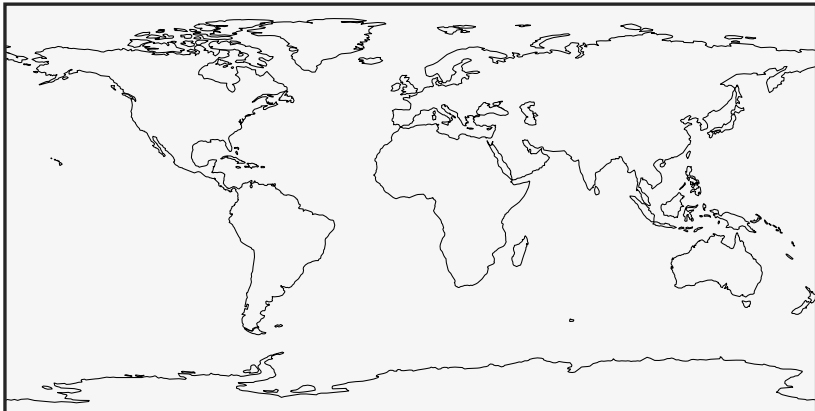
SpeciesConcVV_DMS

gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0
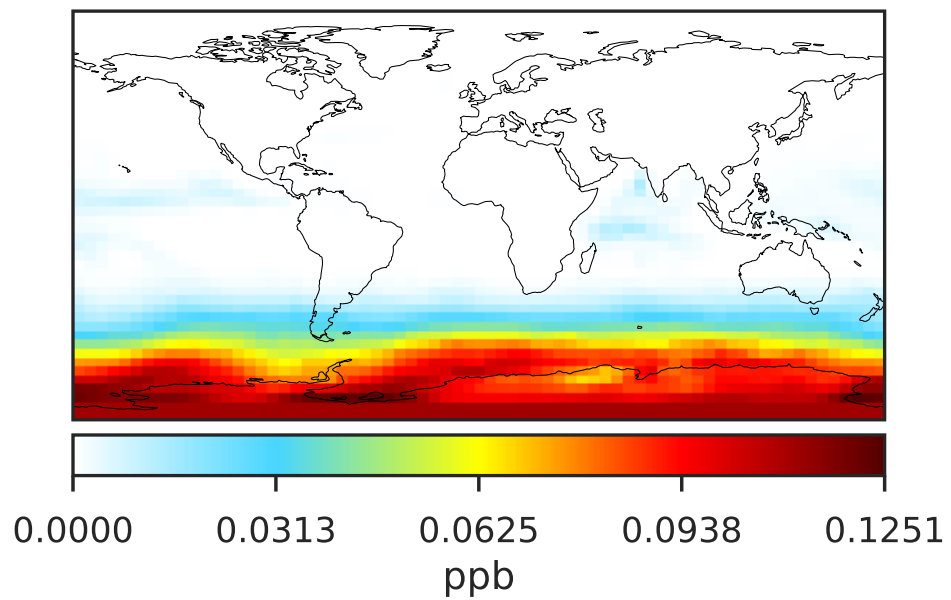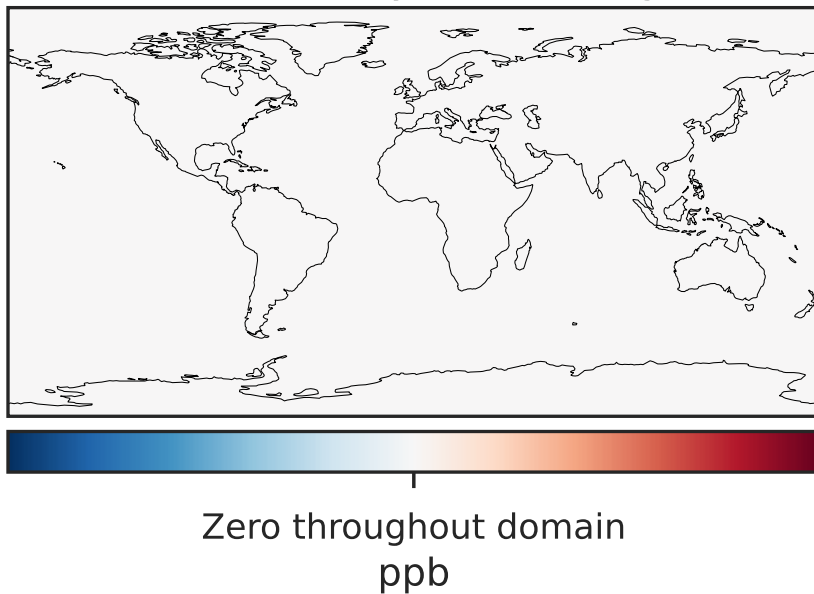
gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0

0.0000   0.0313   0.0625   0.0938   0.1251
ppb

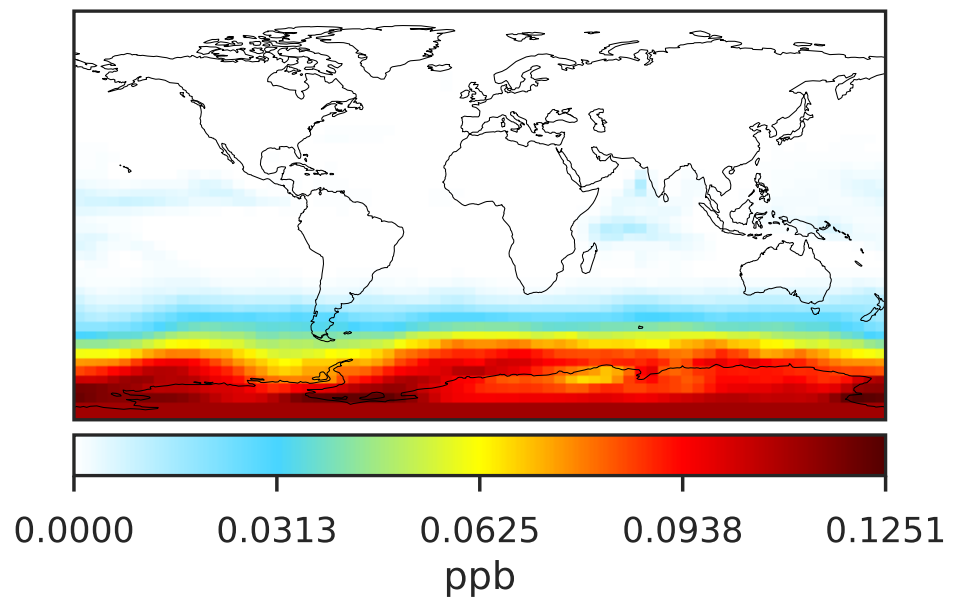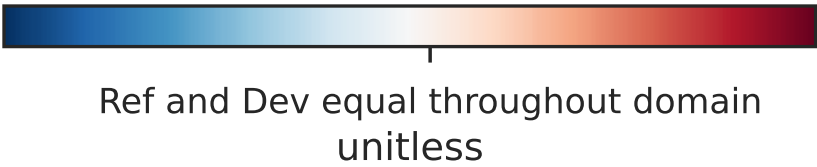0.0000   0.0313   0.0625   0.0938   0.1251
ppb

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
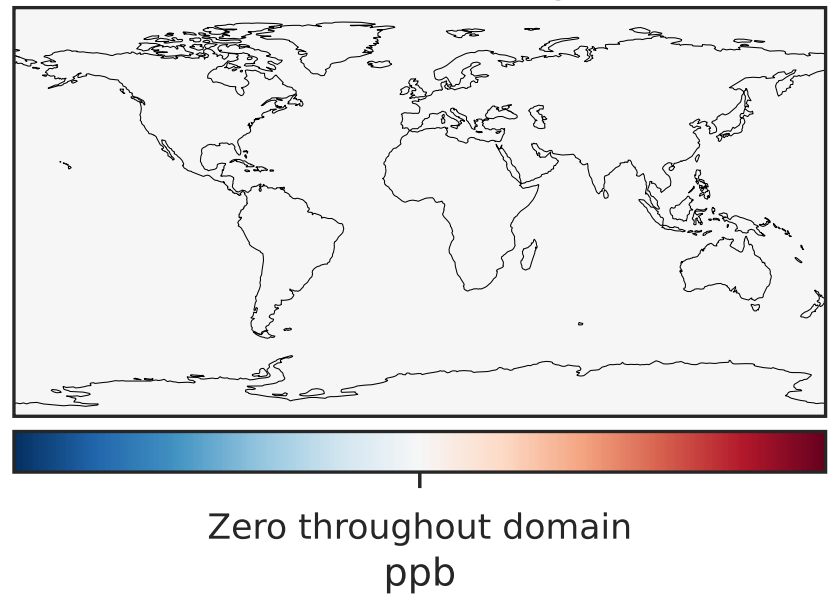
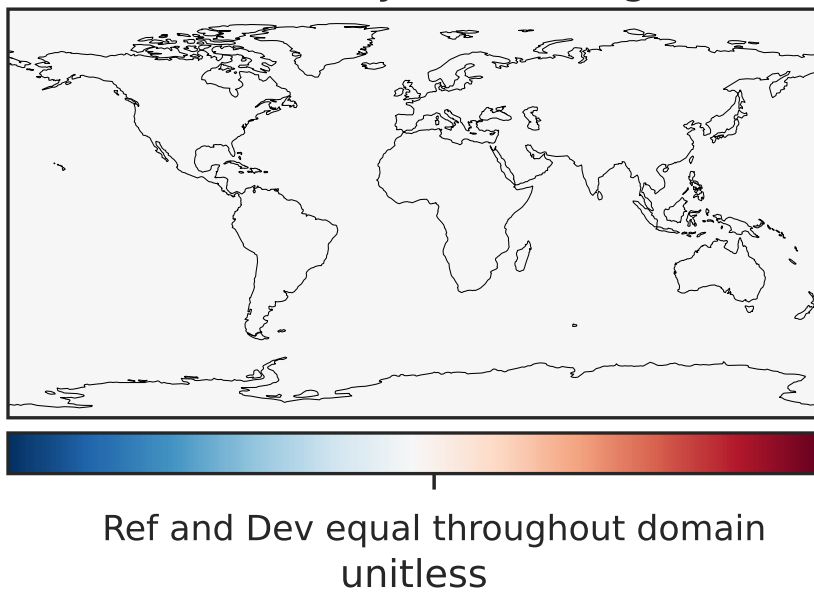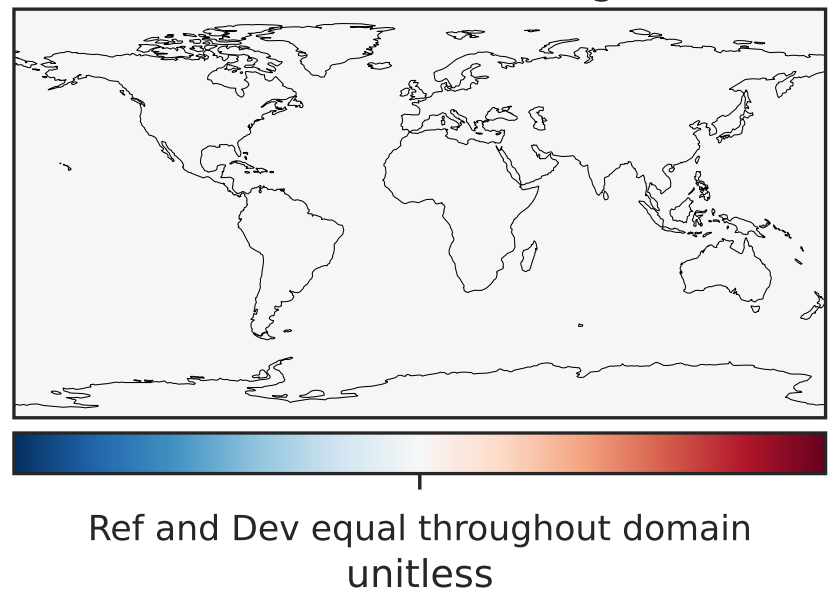# SpeciesConcVV_HMS

gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0
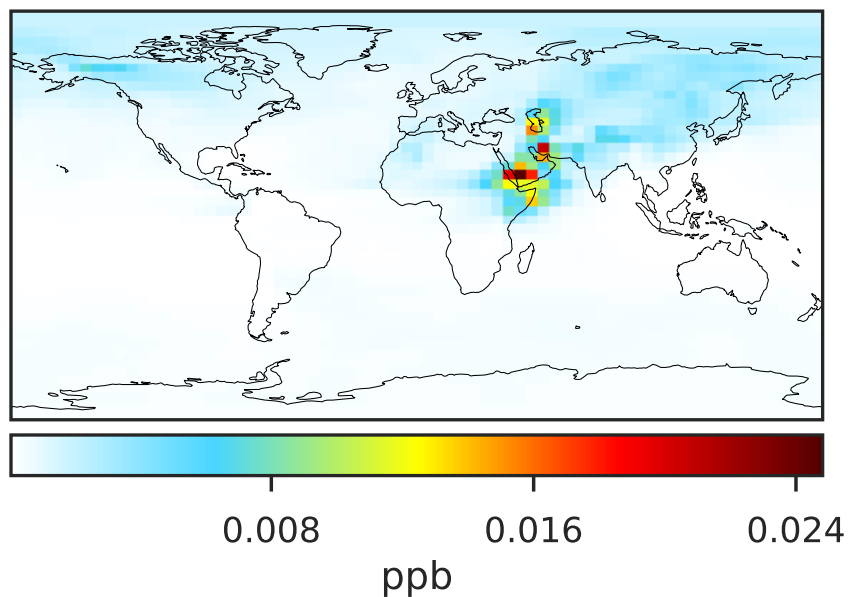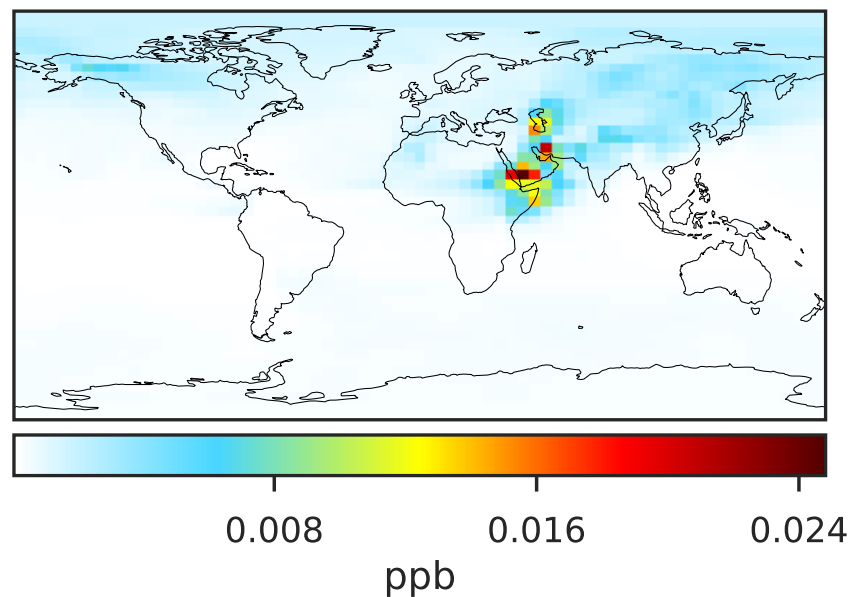
ppb

gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0

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
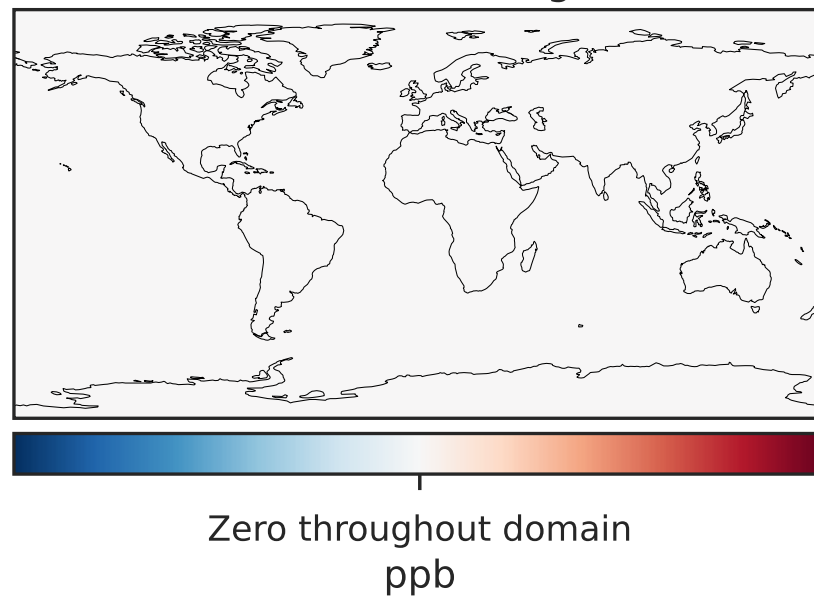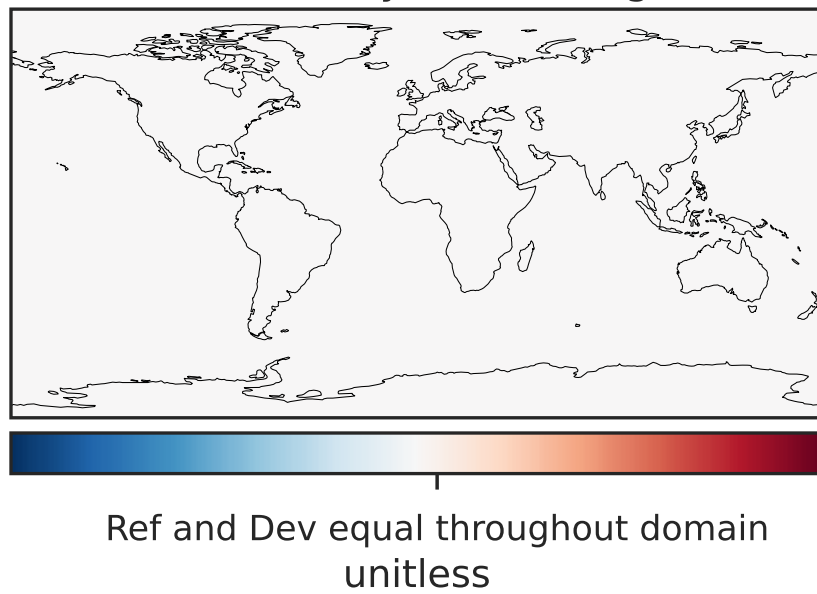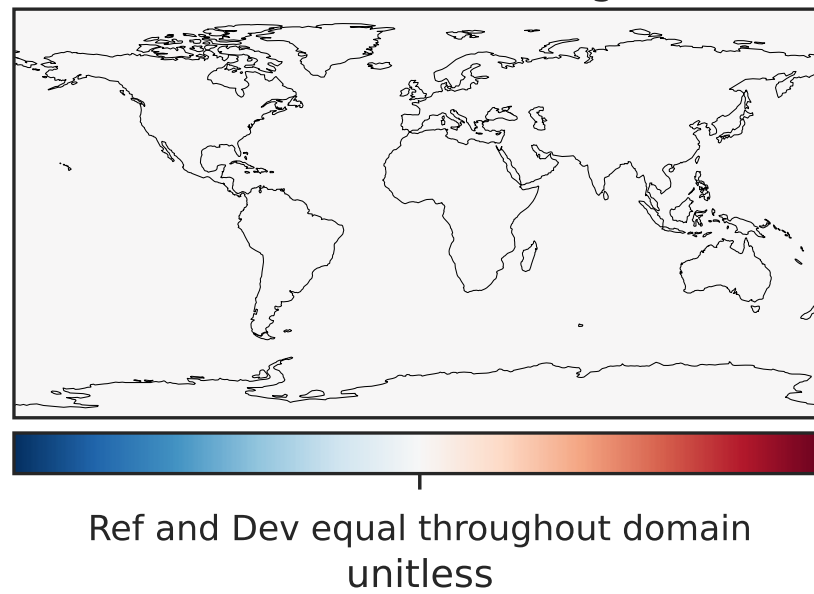
SpeciesConcVV_MSA

gcc-4x5-1Mon-14.2.2 (Ref)
4.0x5.0
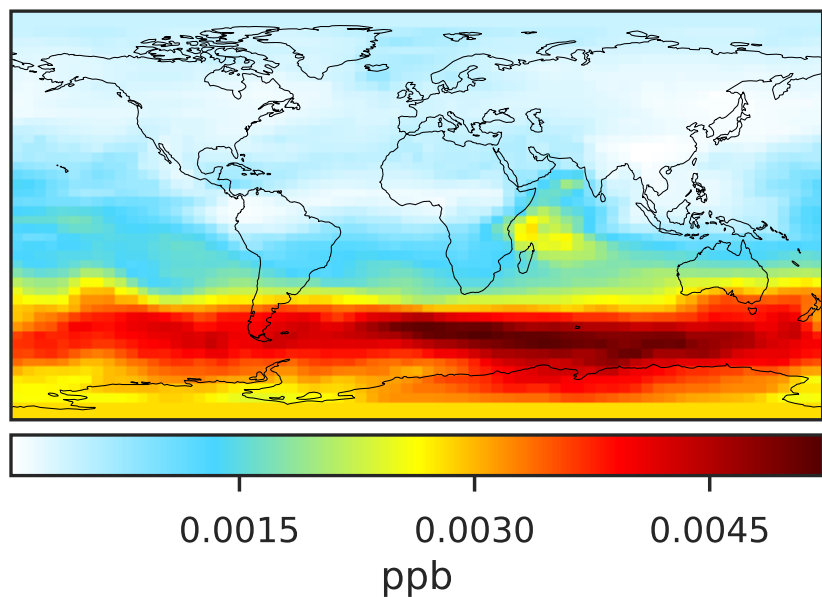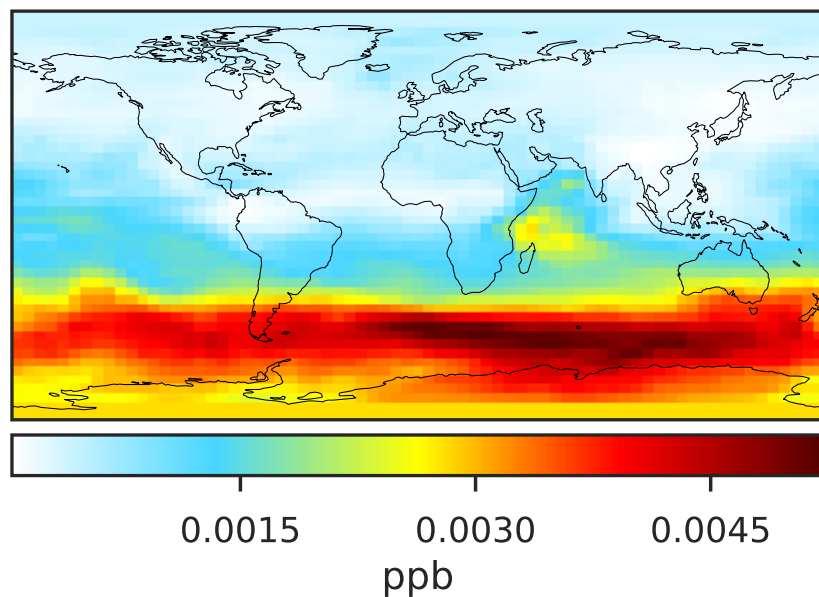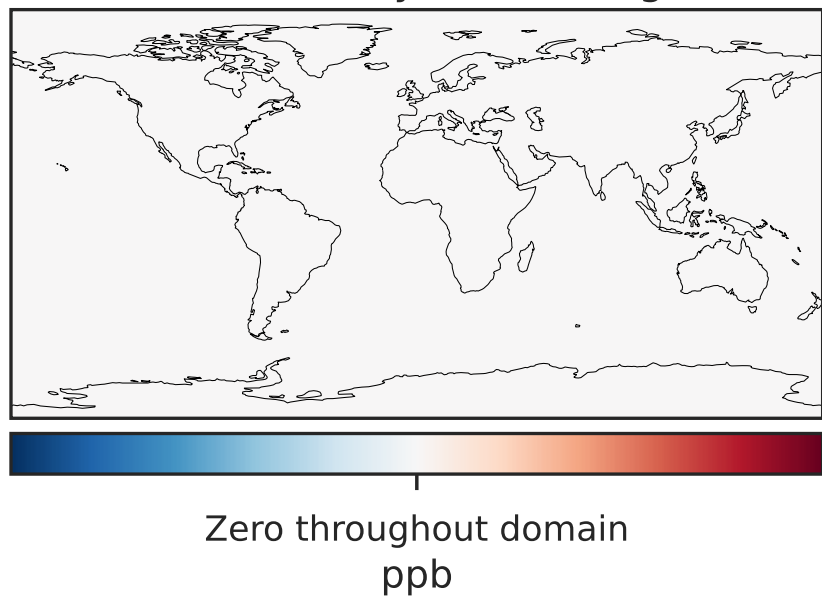
ppb

gcc-4x5-1Mon-14.2.3 (Dev)
4.0x5.0

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
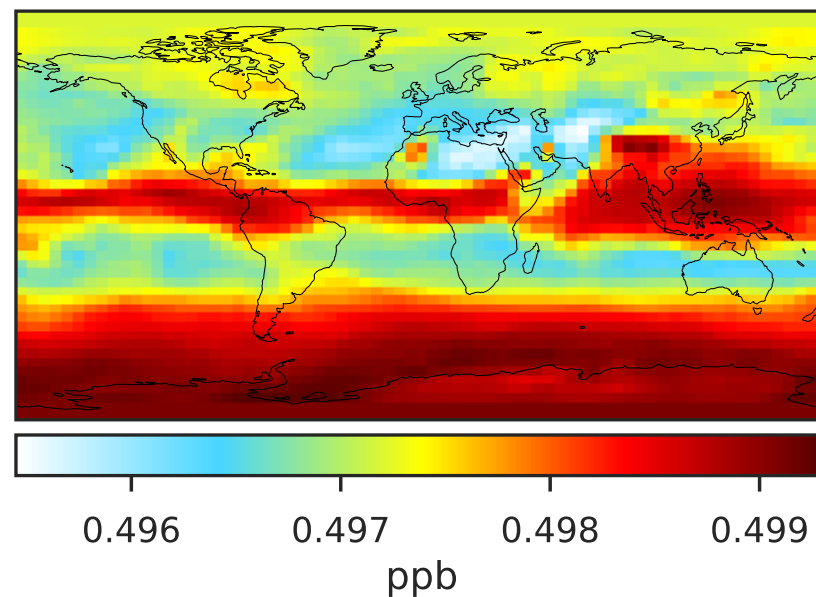

Ref and Dev equal throughout domain
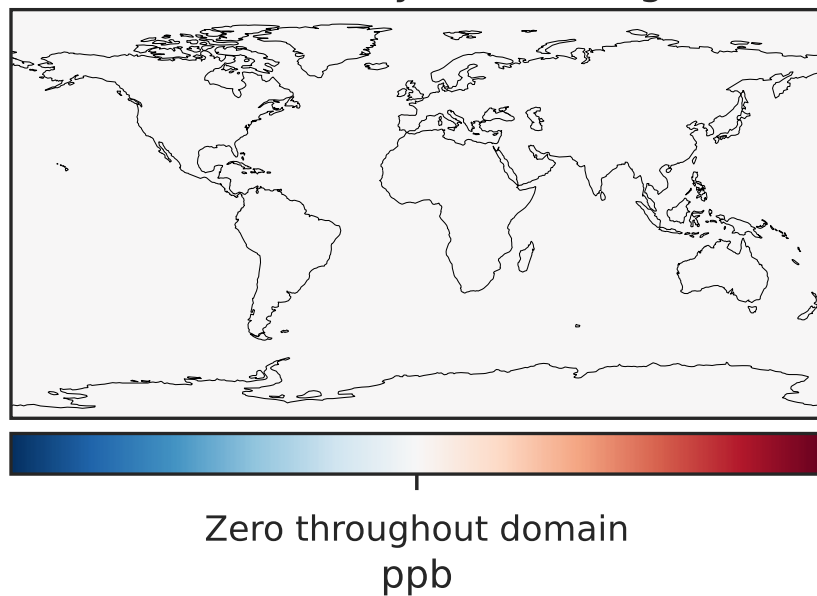unitless
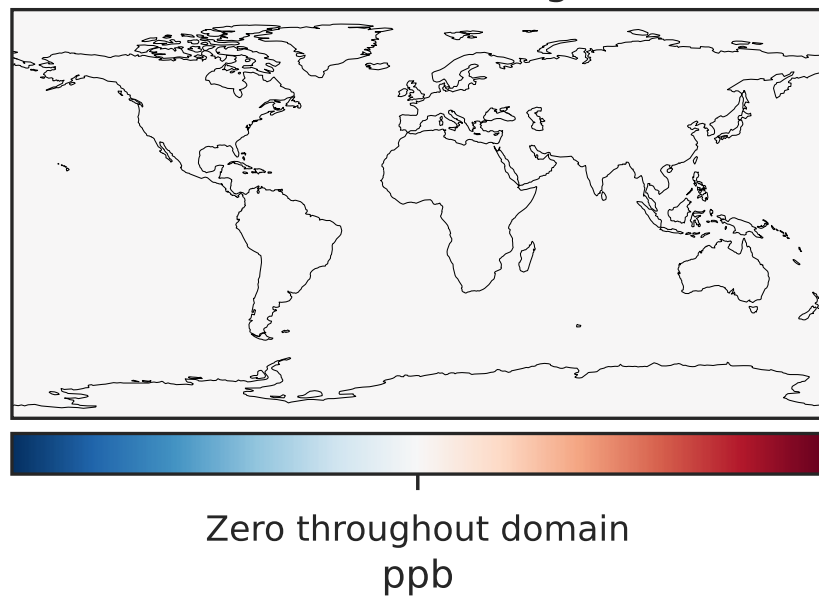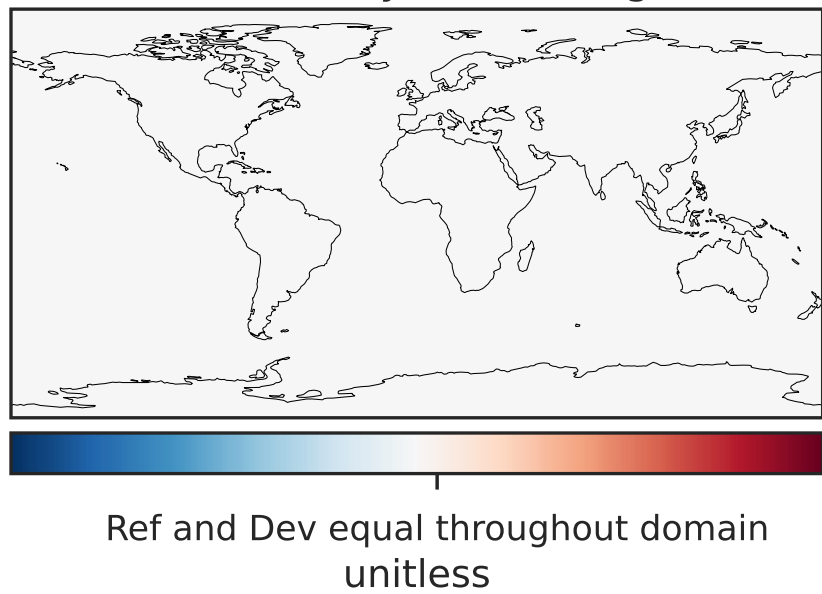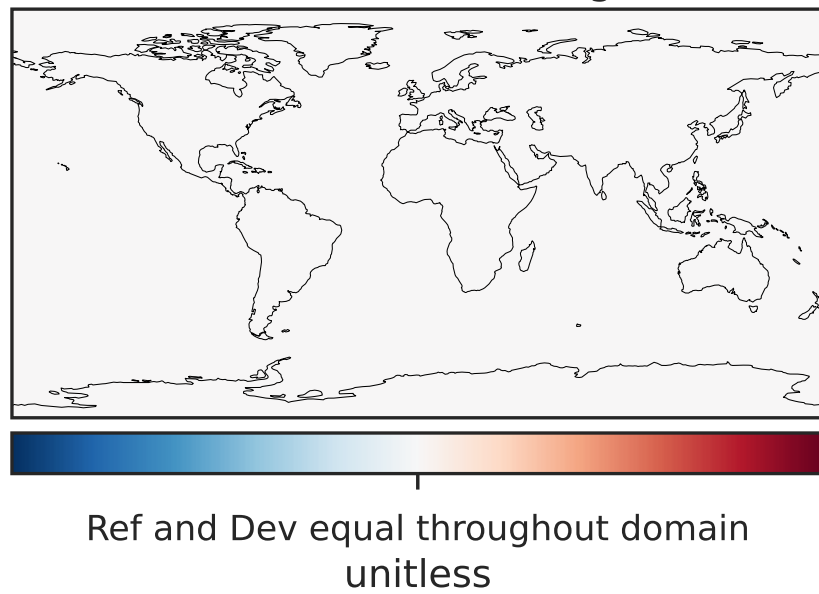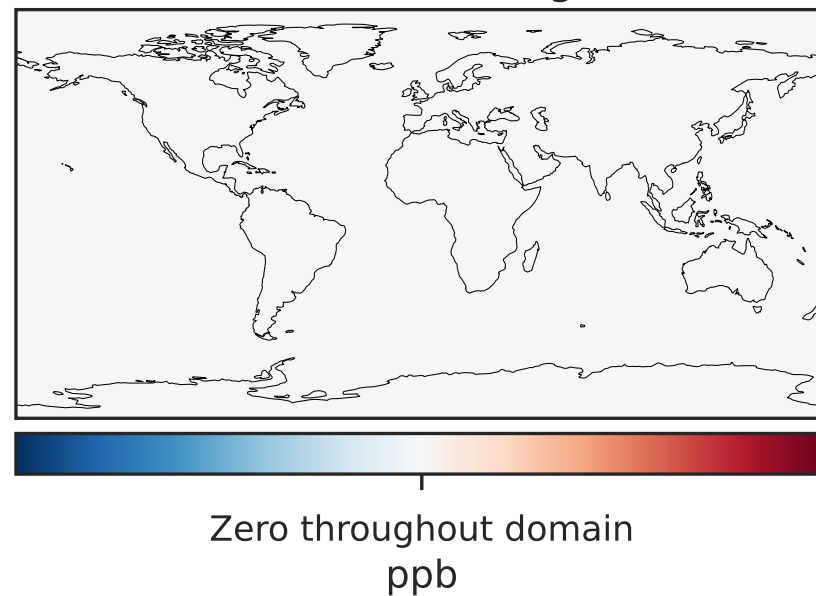
SpeciesConcVV_OCS

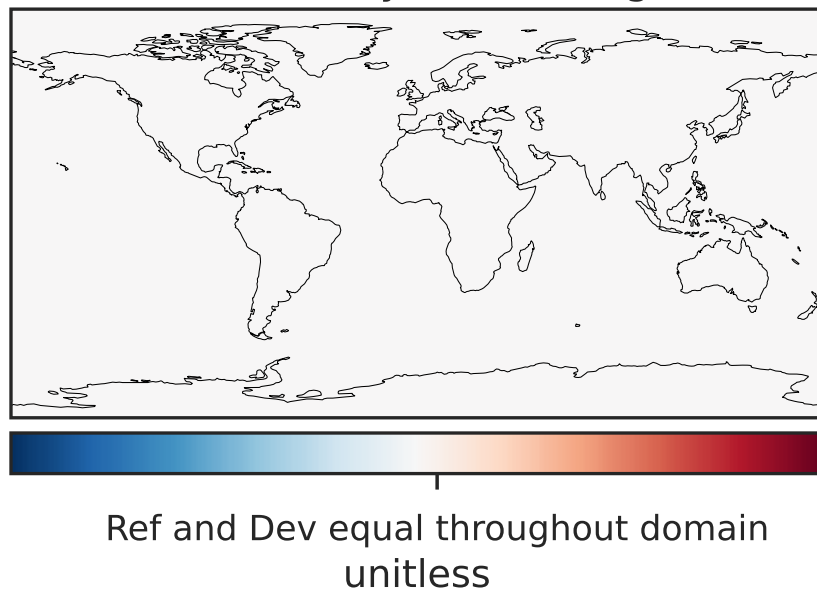| gcc-4x5-1Mon-14.2.2 (Ref) 4.0x5.0 | gcc-4x5-1Mon-14.2.3 (Dev) 4.0x5.0 |
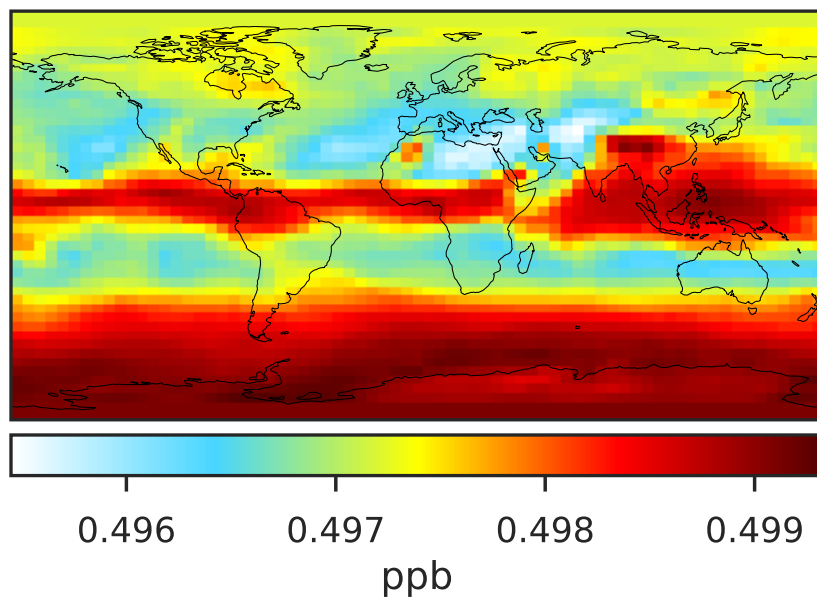
ppb

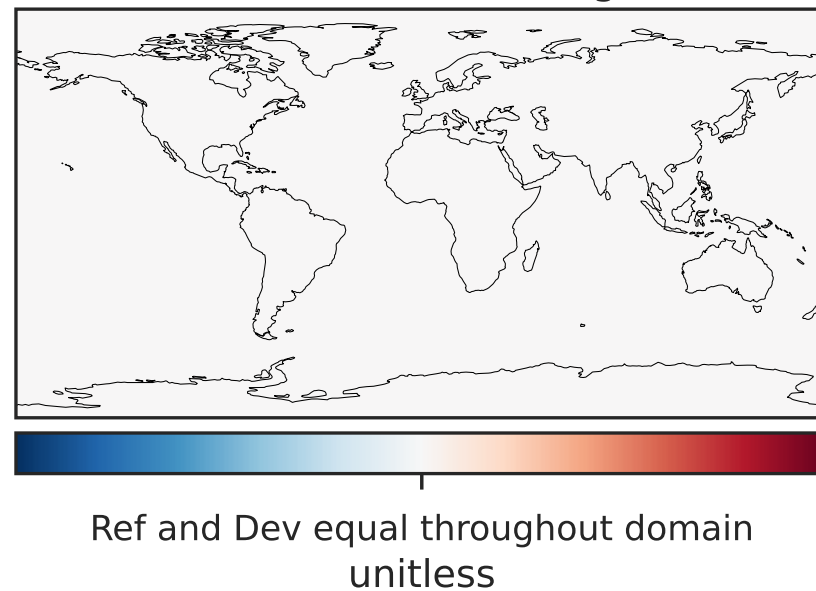### Difference
Dev - Ref, Dynamic Range
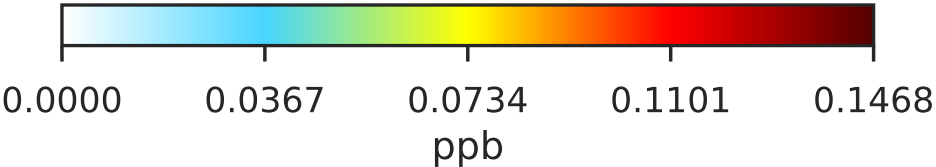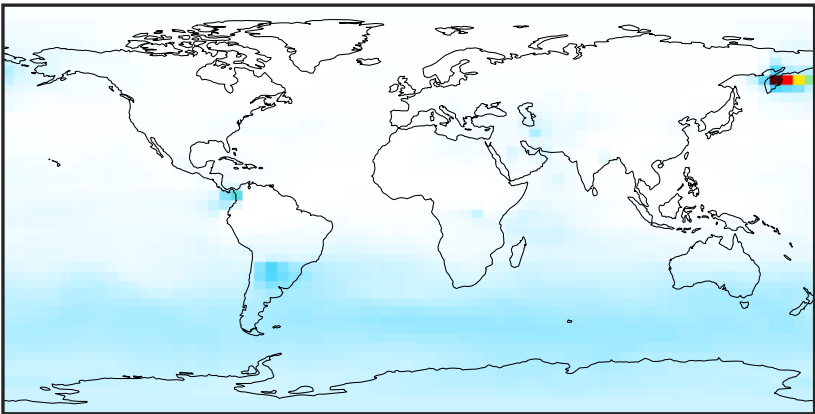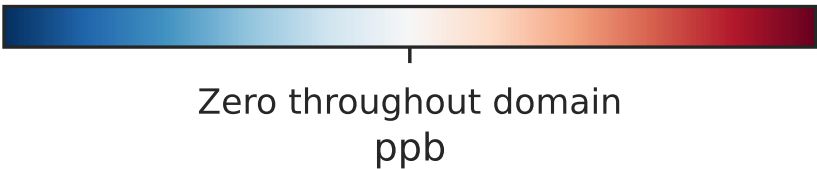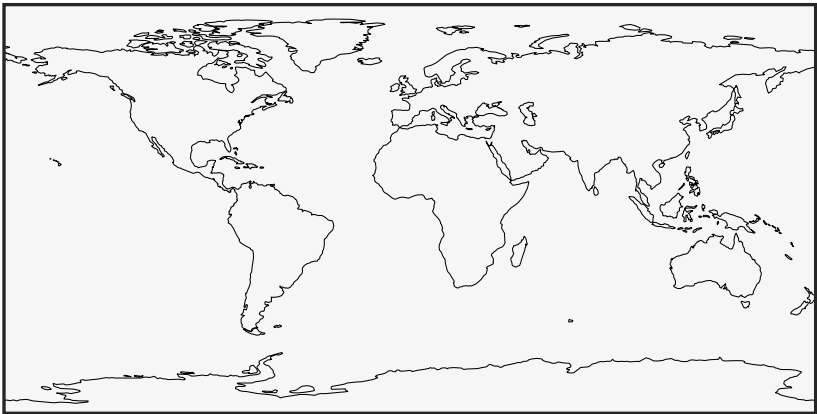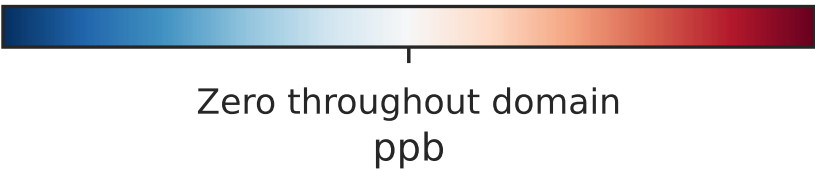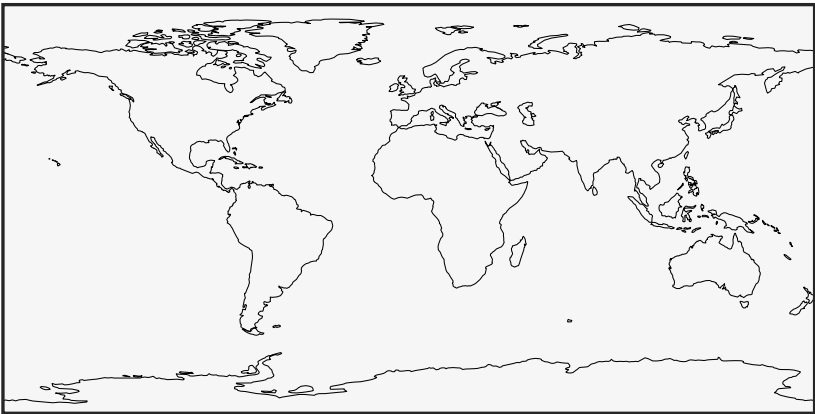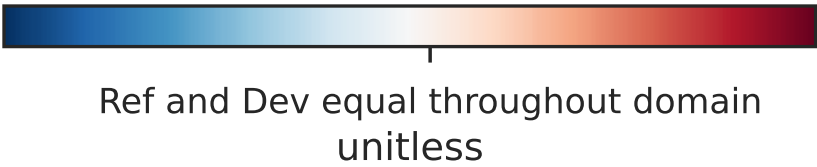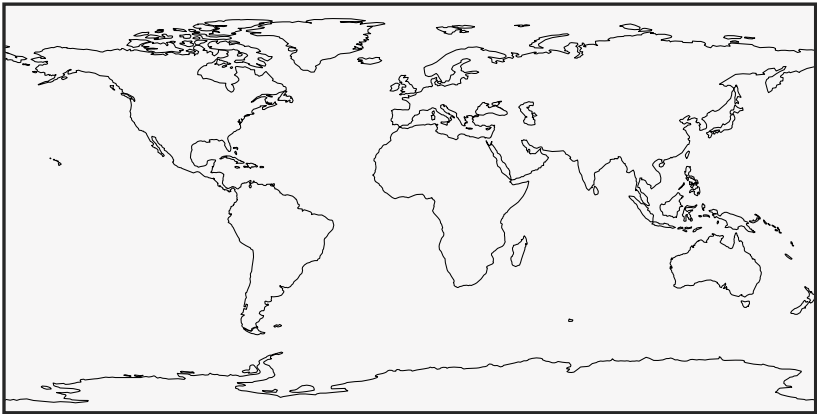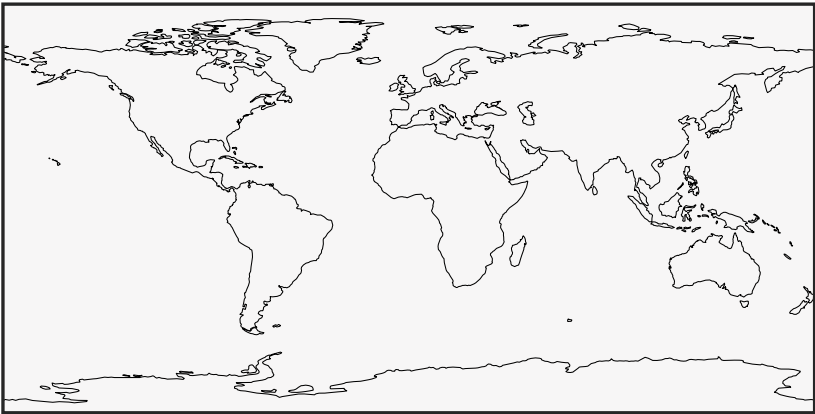
Difference
Dev - Ref, Restricted Range [5%,95%]

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

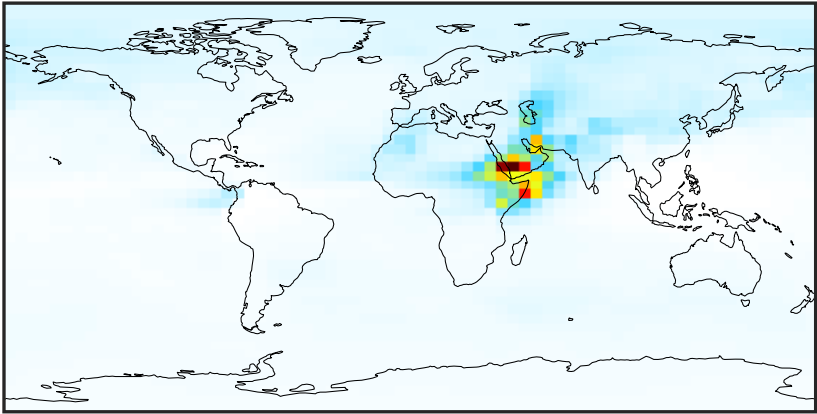Ref and Dev equal throughout domain
unitless
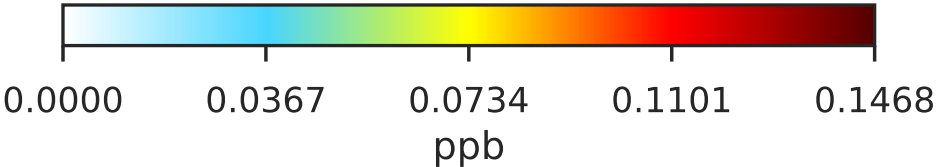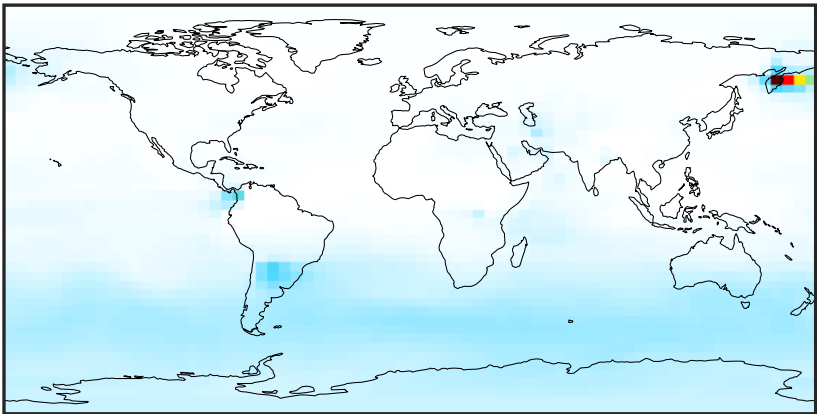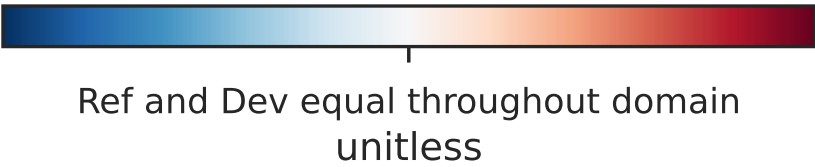
SpeciesConcVV_SO2
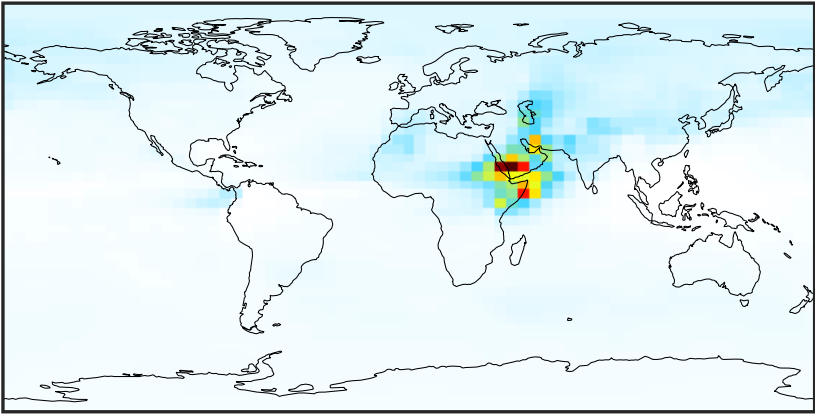
SpeciesConcVV_SO4

gcc-4x5-1Mon-14.2.2 (Ref)
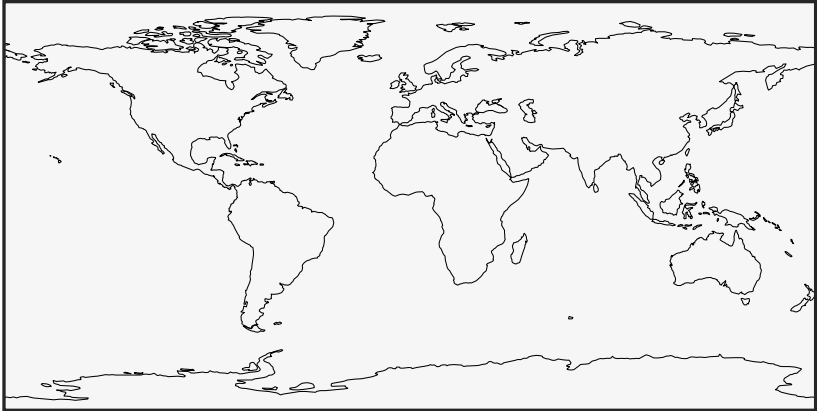### 4.0x5.0

0.0017   0.1581   0.3146   0.4711   0.6276
ppb

gcc-4x5-1Mon-14.2.3 (Dev)
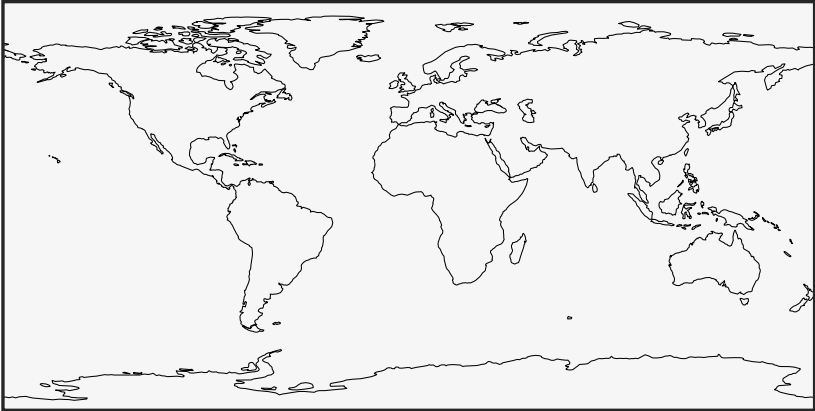### 4.0x5.0

0.0017   0.1581   0.3146   0.4711   0.6276
ppb

Difference
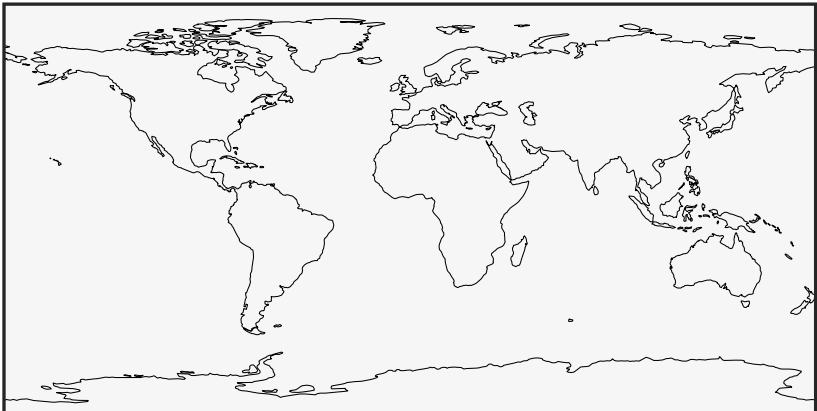### Dev - Ref, Dynamic Range

Zero throughout domain
ppb

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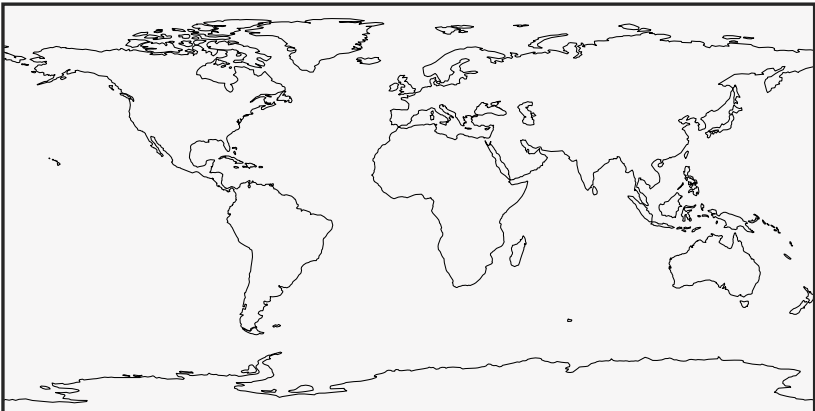### Dev - Ref, Restricted Range [5%,95%]

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