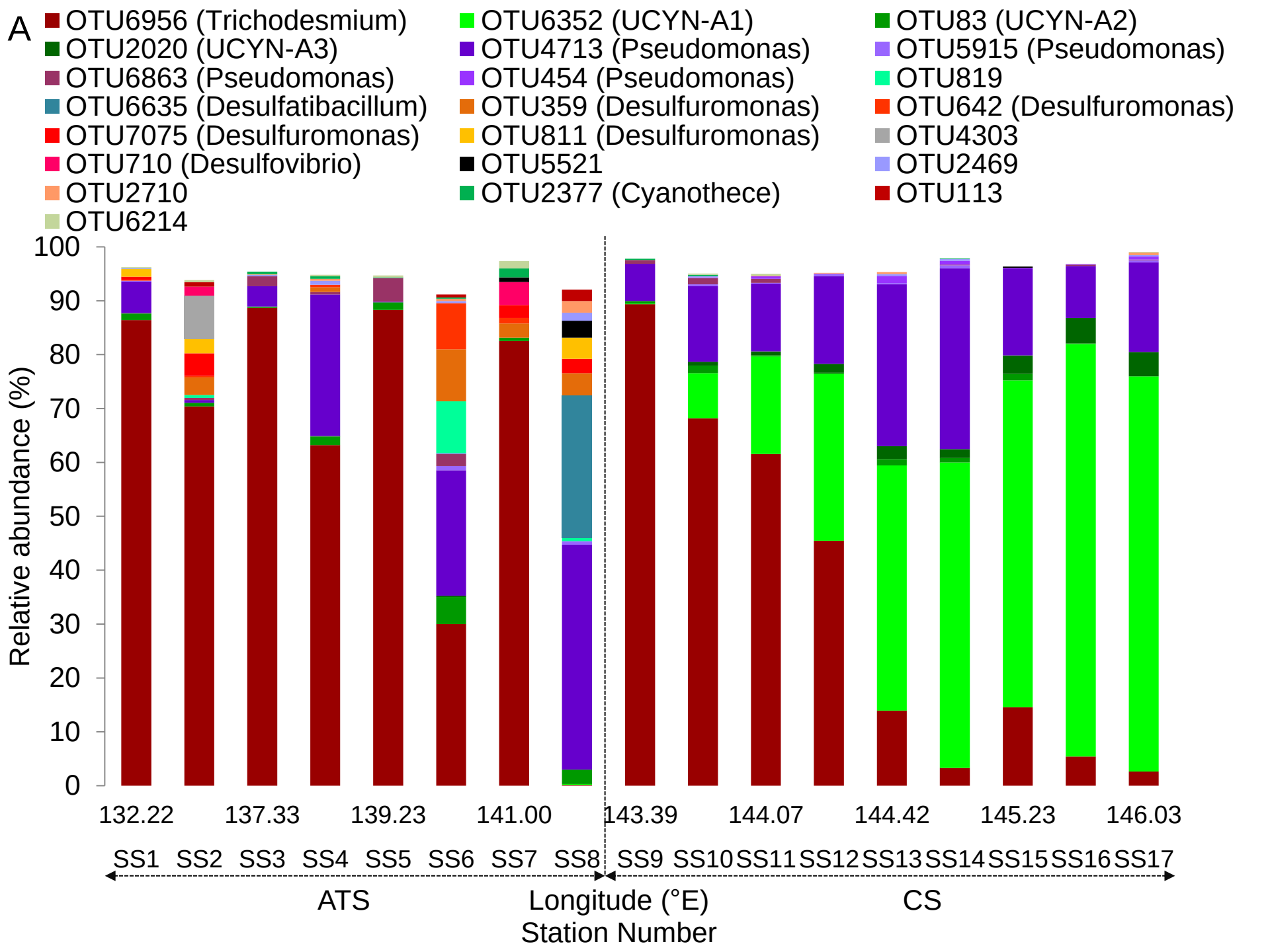
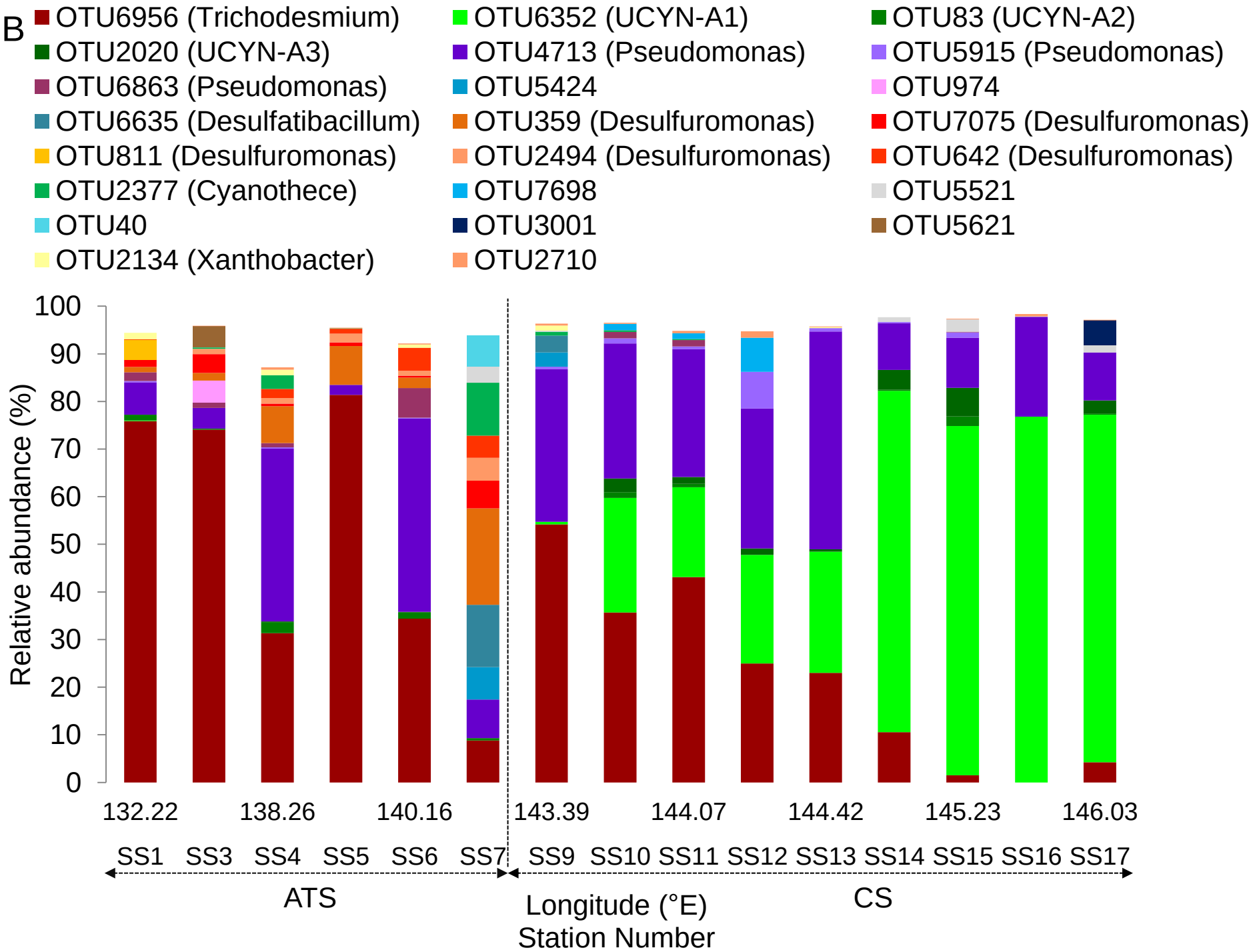
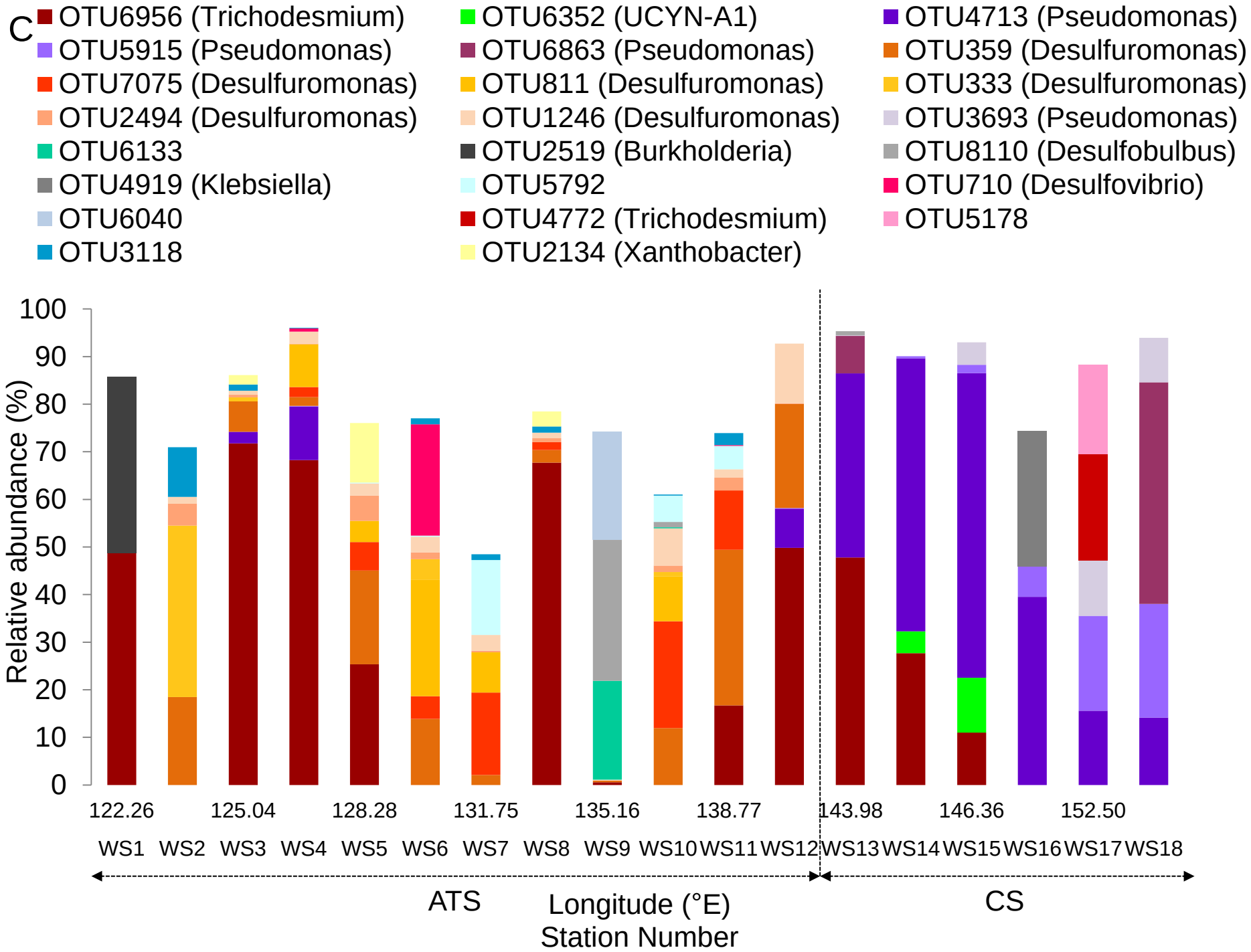
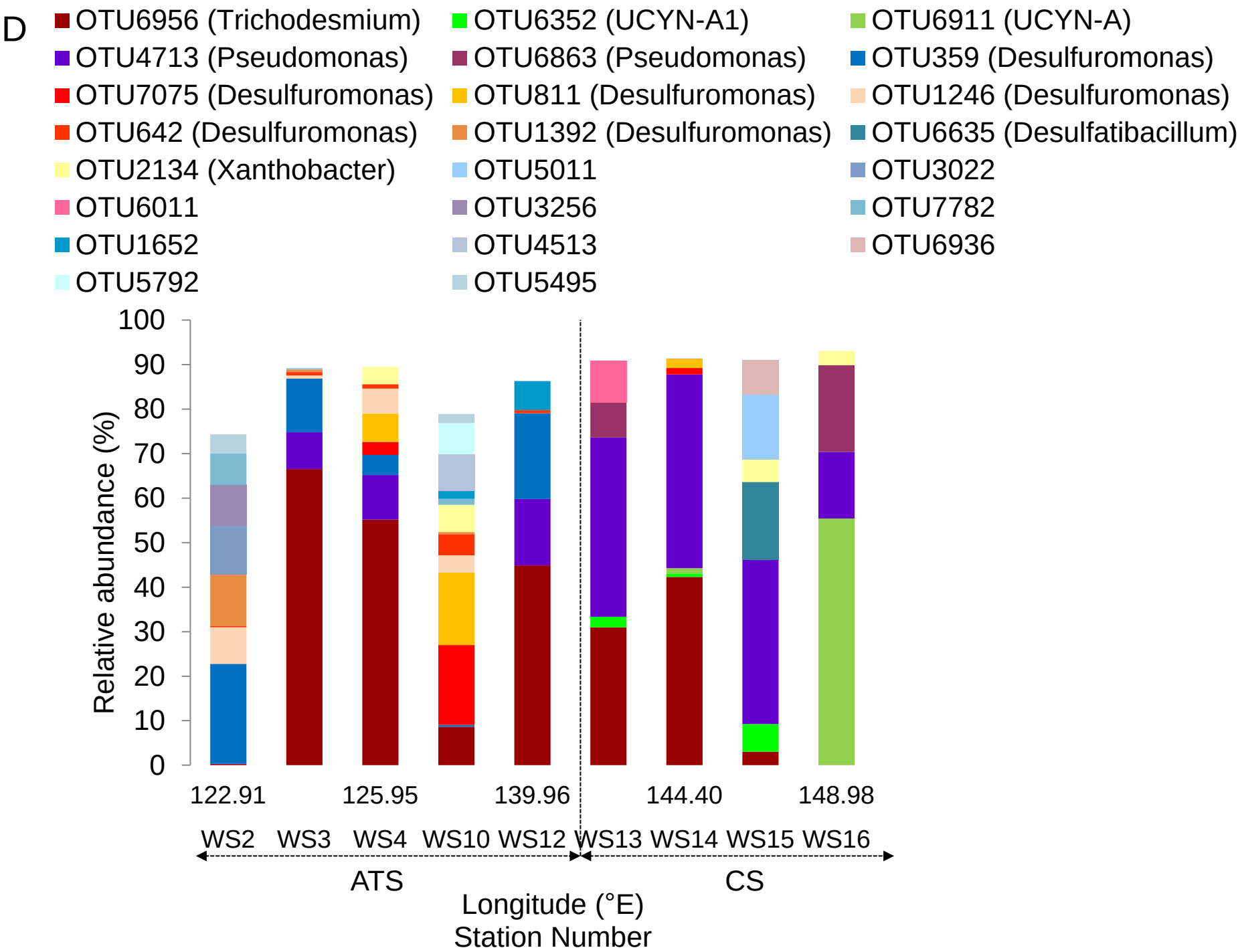

A
OTU6956 (Trichodesmium)
OTU6352 (UCYN-A1)
OTU83 (UCYN-A2)
OTU2020 (UCYN-A3)
OTU4713 (Pseudomonas)
OTU5915 (Pseudomonas)
OTU6863 (Pseudomonas)
OTU454 (Pseudomonas)
OTU819
OTU6635 (Desulfatibacillum)
OTU359 (Desulfuromonas)
OTU642 (Desulfuromonas)
OTU7075 (Desulfuromonas)
OTU811 (Desulfuromonas)
OTU4303
OTU710 (Desulfovibrio)
OTU5521
OTU2469
OTU2710
OTU2377 (Cyanothece)
OTU113
OTU6214
Relative abundance (%)
100
90
80
70
60
50
40
30
20
10
0
132.22
137.33
139.23
141.00
143.39
144.07
144.42
145.23
146.03
SS1 SS2 SS3 SS4 SS5 SS6 SS7 SS8 SS9 SS10 SS11 SS12 SS13 SS14 SS15 SS16 SS17
ATS
Longitude (°E)
CS
Station Number


B
OTU6956 (Trichodesmium)
OTU6352 (UCYN-A1)
OTU83 (UCYN-A2)
OTU2020 (UCYN-A3)
OTU4713 (Pseudomonas)
OTU5915 (Pseudomonas)
OTU6863 (Pseudomonas)
OTU5424
OTU974
OTU6635 (Desulfatibacillum)
OTU359 (Desulfuromonas)
OTU7075 (Desulfuromonas)
OTU811 (Desulfuromonas)
OTU2494 (Desulfuromonas)
OTU642 (Desulfuromonas)
OTU2377 (Cyanothece)
OTU7698
OTU5521
OTU40
OTU3001
OTU5621
OTU2134 (Xanthobacter)
OTU2710
Relative abundance (%)
100
90
80
70
60
50
40
30
20
10
0
132.22
138.26
140.16
143.39
144.07
144.42
145.23
146.03
SS1 SS3 SS4 SS5 SS6 SS7 SS9 SS10 SS11 SS12 SS13 SS14 SS15 SS16 SS17
ATS
CS
Longitude (°E)
Station Number


C
OTU6956 (Trichodesmium)
OTU6352 (UCYN-A1)
OTU4713 (Pseudomonas)
OTU5915 (Pseudomonas)
OTU6863 (Pseudomonas)
OTU359 (Desulfuromonas)
OTU7075 (Desulfuromonas)
OTU811 (Desulfuromonas)
OTU333 (Desulfuromonas)
OTU2494 (Desulfuromonas)
OTU1246 (Desulfuromonas)
OTU3693 (Pseudomonas)
OTU6133
OTU2519 (Burkholderia)
OTU8110 (Desulfobulbus)
OTU4919 (Klebsiella)
OTU5792
OTU710 (Desulfovibrio)
OTU6040
OTU4772 (Trichodesmium)
OTU5178
OTU3118
OTU2134 (Xanthobacter)
Relative abundance (%)
100
90
80
70
60
50
40
30
20
10
0
122.26
125.04
128.28
131.75
135.16
138.77
143.98
146.36
152.50
WS1 WS2 WS3 WS4 WS5 WS6 WS7 WS8 WS9 WS10 WS11 WS12 WS13 WS14 WS15 WS16 WS17 WS18
ATS
CS
Longitude (°E)
Station Number


D
OTU6956 (Trichodesmium)
OTU6352 (UCYN-A1)
OTU6911 (UCYN-A)
OTU4713 (Pseudomonas)
OTU6863 (Pseudomonas)
OTU359 (Desulfuromonas)
OTU7075 (Desulfuromonas)
OTU811 (Desulfuromonas)
OTU1246 (Desulfuromonas)
OTU642 (Desulfuromonas)
OTU1392 (Desulfuromonas)
OTU6635 (Desulfatibacillum)
OTU2134 (Xanthobacter)
OTU5011
OTU3022
OTU6011
OTU3256
OTU7782
OTU1652
OTU4513
OTU6936
OTU5792
OTU5495
Relative abundance (%)
100
90
80
70
60
50
40
30
20
10
0
122.91
125.95
139.96
144.40
148.98
WS2
WS3
WS4
WS10
WS12
WS13
WS14
WS15
WS16
ATS
CS
Longitude (°E)
Station Number