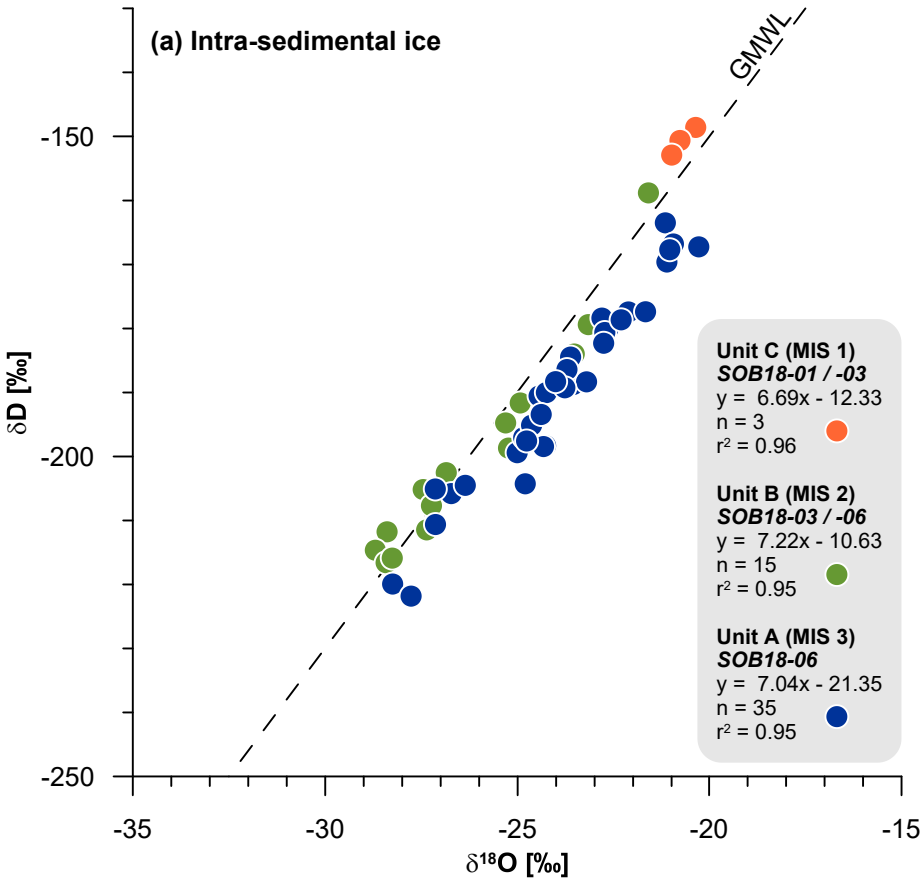
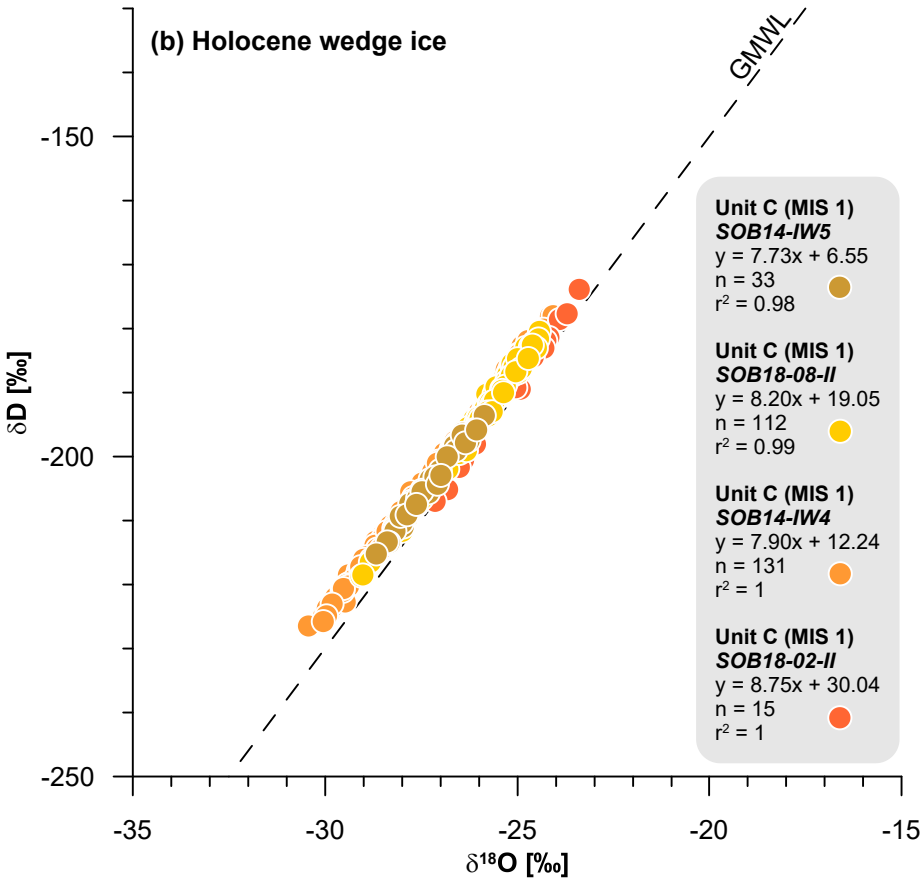
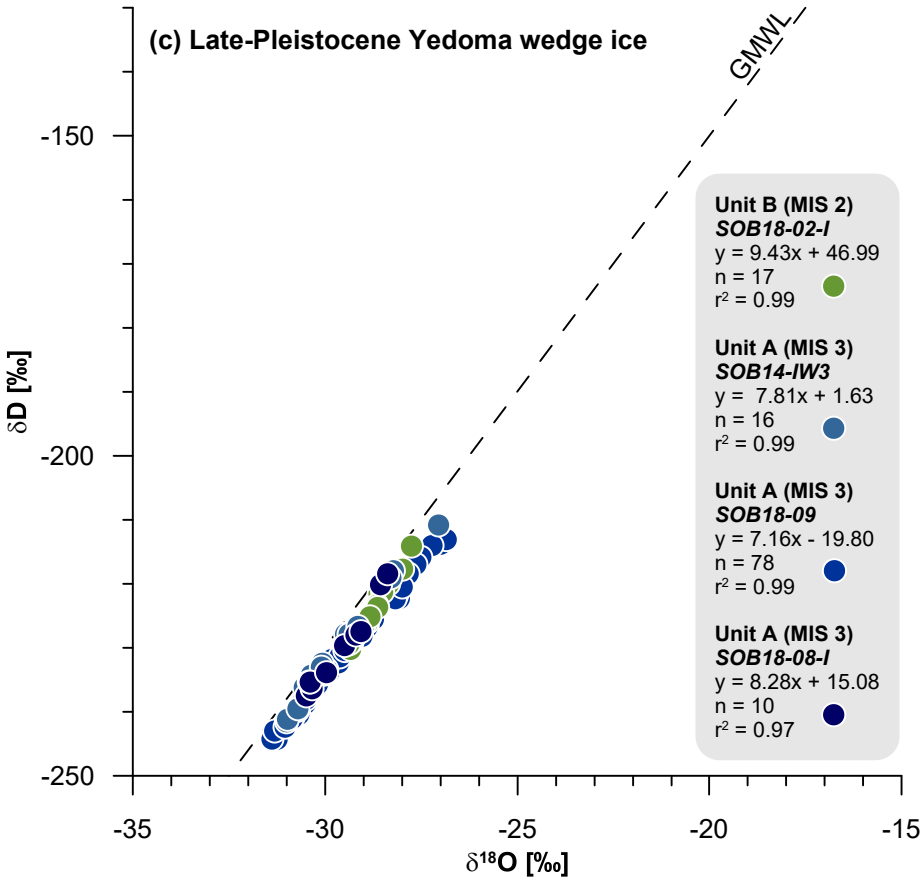

(a) Intra-sedimental ice
GMWL
-150
-200
-250
δD [‰]
-35
-30
-25
-20
-15
δ18O [‰]
Unit C (MIS 1)
SOB18-01 / -03
y = 6.69x - 12.33
n = 3
r2 = 0.96
Unit B (MIS 2)
SOB18-03 / -06
y = 7.22x - 10.63
n = 15
r2 = 0.95
Unit A (MIS 3)
SOB18-06
y = 7.04x - 21.35
n = 35
r2 = 0.95


(b) Holocene wedge ice
GMWL
-150
-200
-250
δD [‰]
-35
-30
-25
-20
-15
δ18O [‰]
Unit C (MIS 1)
SOB14-IW5
y = 7.73x + 6.55
n = 33
r2 = 0.98
Unit C (MIS 1)
SOB18-08-II
y = 8.20x + 19.05
n = 112
r2 = 0.99
Unit C (MIS 1)
SOB14-IW4
y = 7.90x + 12.24
n = 131
r2 = 1
Unit C (MIS 1)
SOB18-02-II
y = 8.75x + 30.04
n = 15
r2 = 1


(c) Late-Pleistocene Yedoma wedge ice
GMWL
-150
-200
-250
δD [‰]
-35
-30
-25
-20
-15
δ18O [‰]
Unit B (MIS 2)
SOB18-02-I
y = 9.43x + 46.99
n = 17
r2 = 0.99
Unit A (MIS 3)
SOB14-IW3
y = 7.81x + 1.63
n = 16
r2 = 0.99
Unit A (MIS 3)
SOB18-09
y = 7.16x - 19.80
n = 78
r2 = 0.99
Unit A (MIS 3)
SOB18-08-I
y = 8.28x + 15.08
n = 10
r2 = 0.97