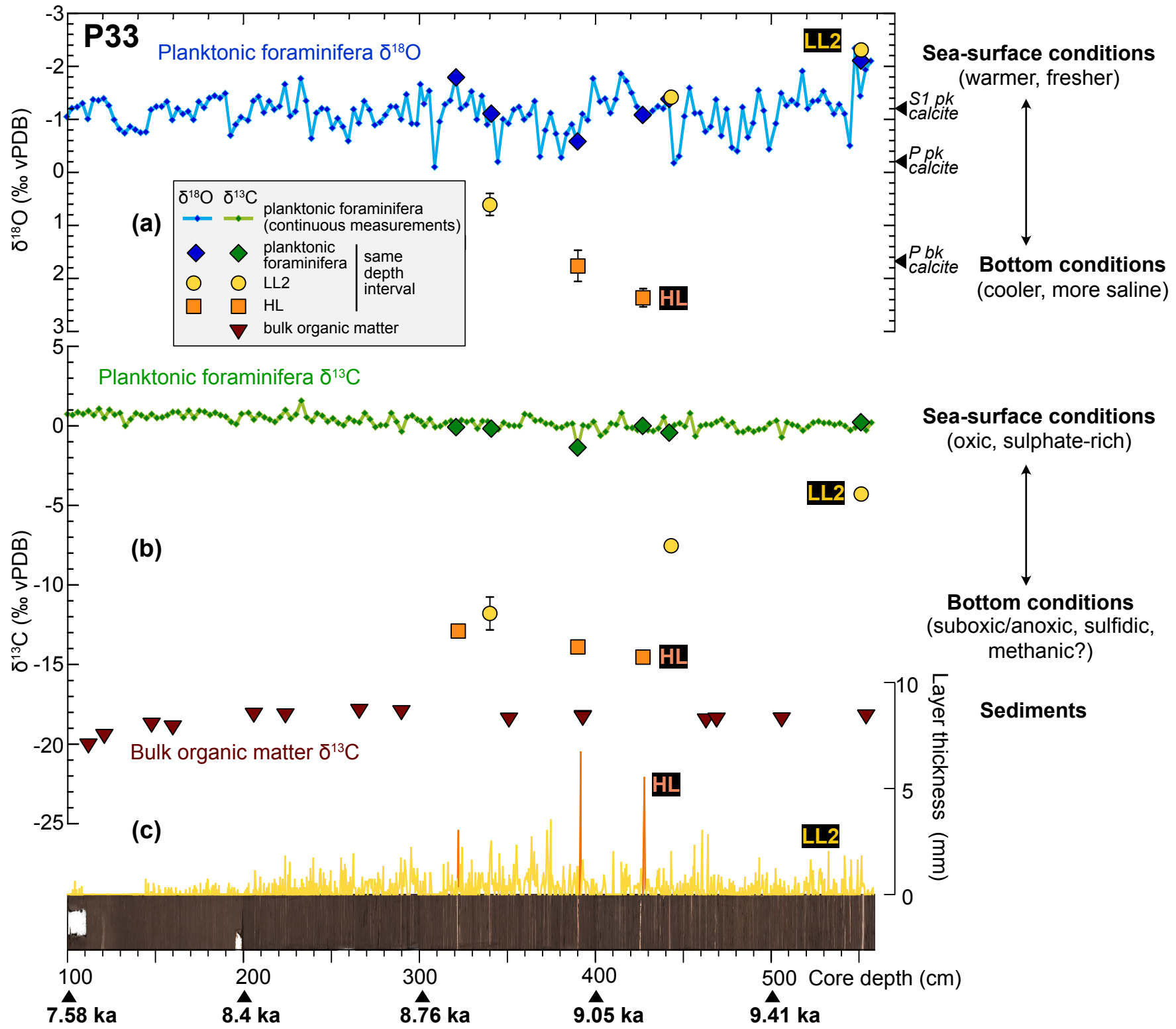
P33
Planktonic foraminifera δ18O
δ18O (‰ vPDB)
(a)
δ18O δ13C
planktonic foraminifera (continuous measurements)
planktonic foraminifera
LL2
HL
same depth interval
bulk organic matter
LL2
HL
S1 pk calcite
P pk calcite
P bk calcite
Sea-surface conditions
(warmer, fresher)
Bottom conditions
(cooler, more saline)
Planktonic foraminifera δ13C
δ13C (‰ vPDB)
(b)
LL2
HL
Sea-surface conditions
(oxic, sulphate-rich)
Bottom conditions
(suboxic/anoxic, sulfidic, methanic?)
Bulk organic matter δ13C
(c)
HL
LL2
Layer thickness (mm)
Sediments
Core depth (cm)
7.58 ka
8.4 ka
8.76 ka
9.05 ka
9.41 ka