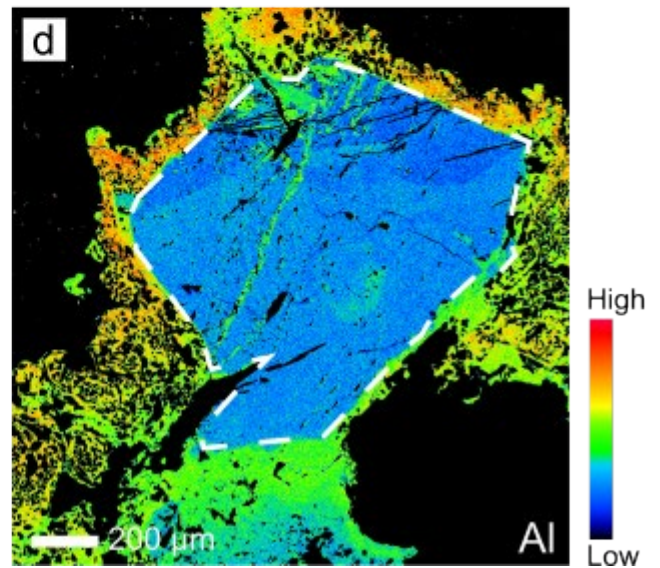
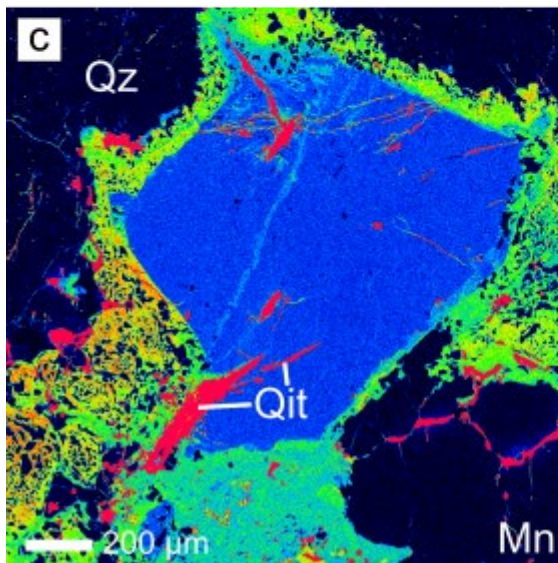
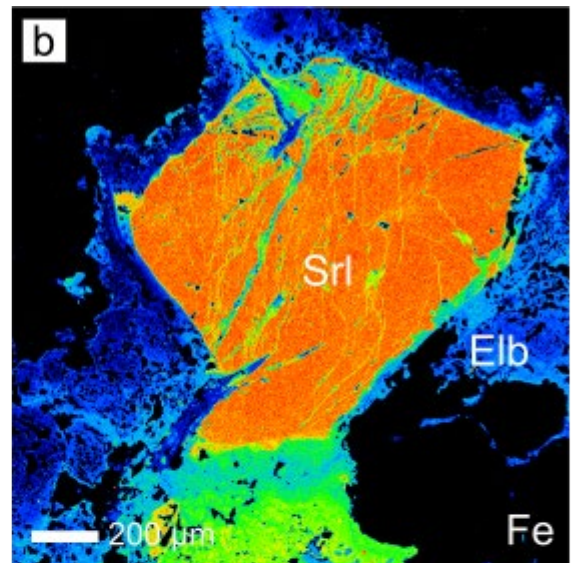
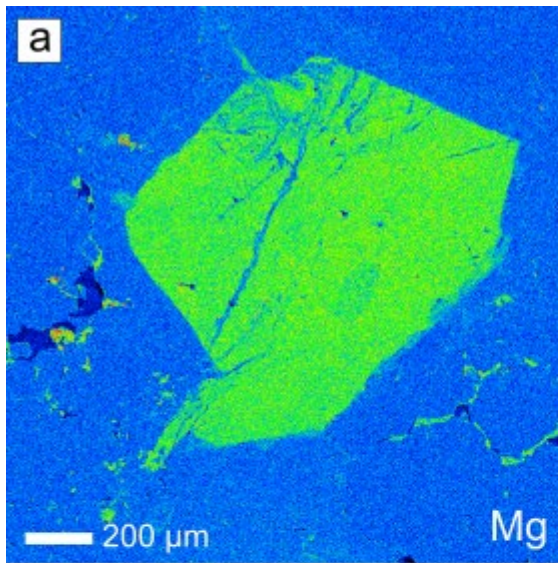
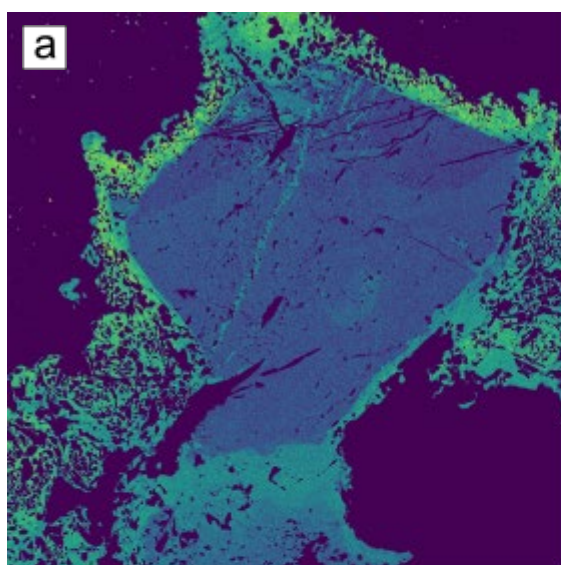
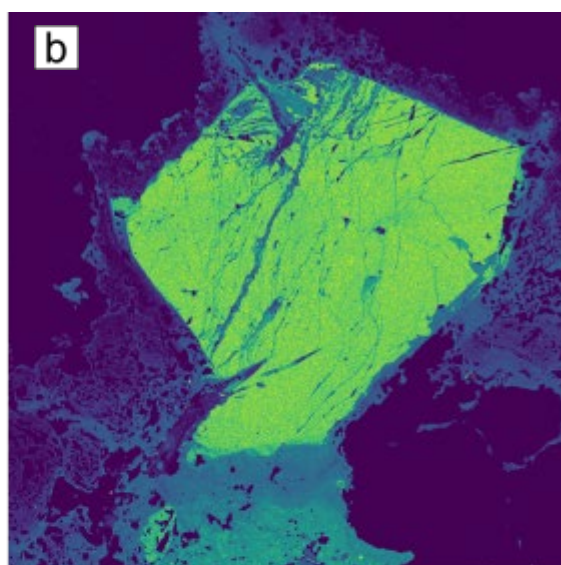




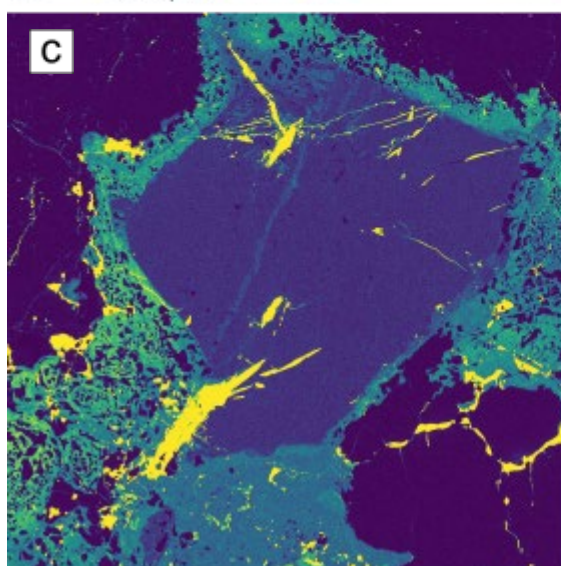
**Appendix C.1.1** Rainbow color scale EPMA maps of tourmaline from thin section PFG2A (Intermediate zone Overgrowth subzone)



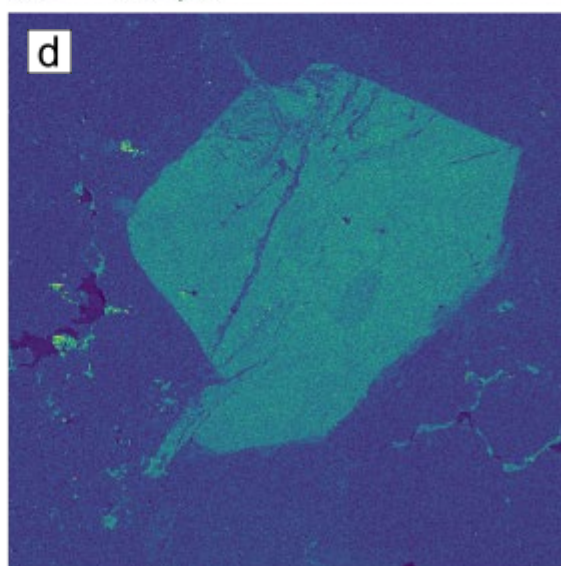
Al — 200  $\mu\text{m}$



Fe — 200  $\mu\text{m}$



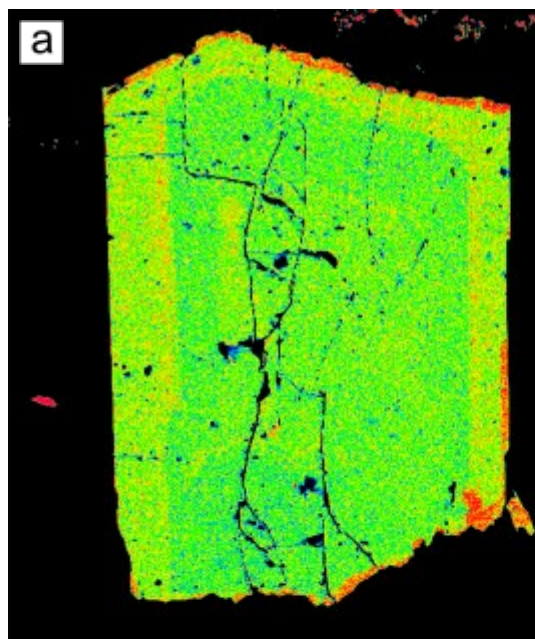
Mn — 200  $\mu\text{m}$



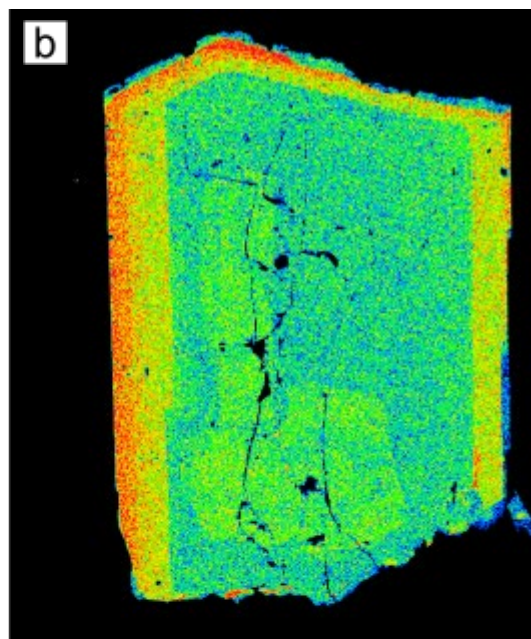
Mg — 200  $\mu\text{m}$



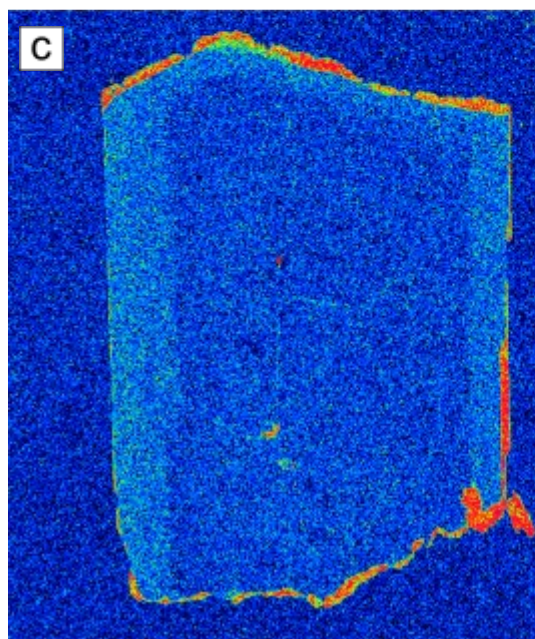
**Appendix C.1.2** Viridis color scale EPMA maps of tourmaline from thin section PFG2A (Intermediate zone Overgrowth subzone)



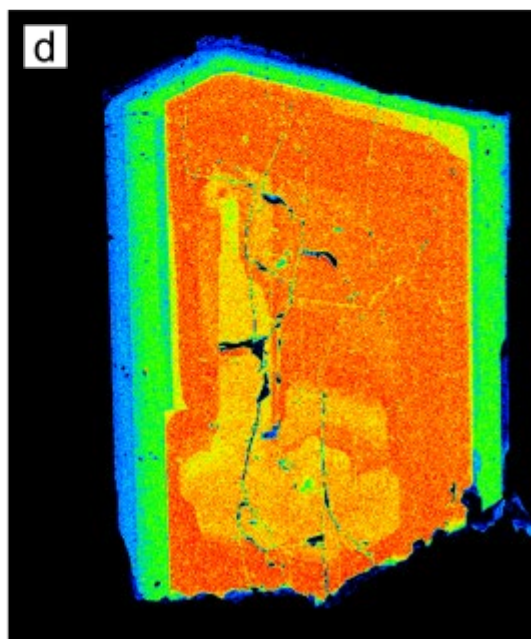
Al ————— 200 μm



Fe ————— 200 μm



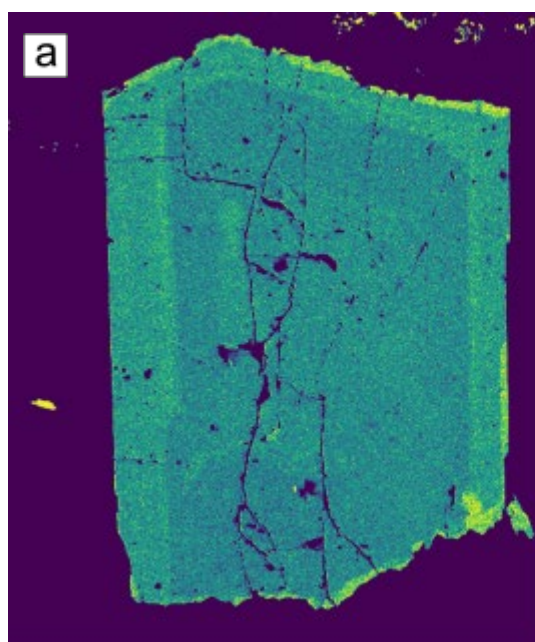
Mn ————— 200 μm



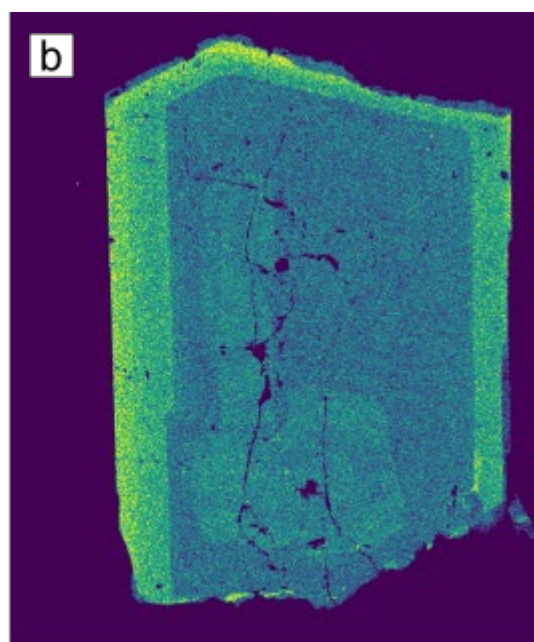
Mg ————— 200 μm

High  
Low

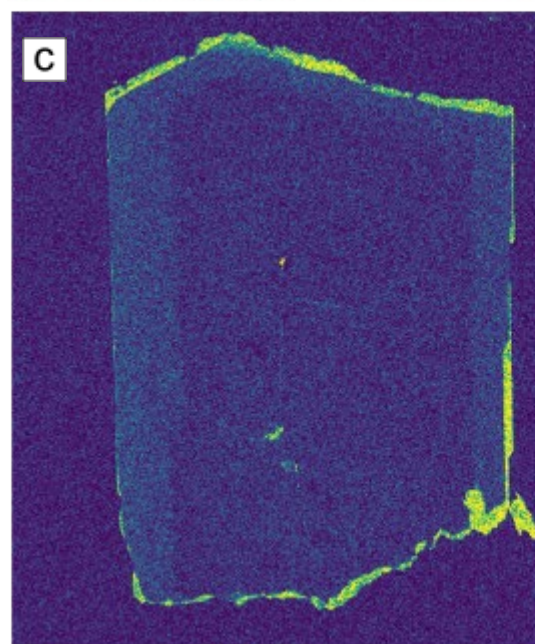
**Appendix C.2.1** Rainbow color scale EPMA maps of tourmaline from thin section PFS1A (Intermediate zone Graphic subzone)



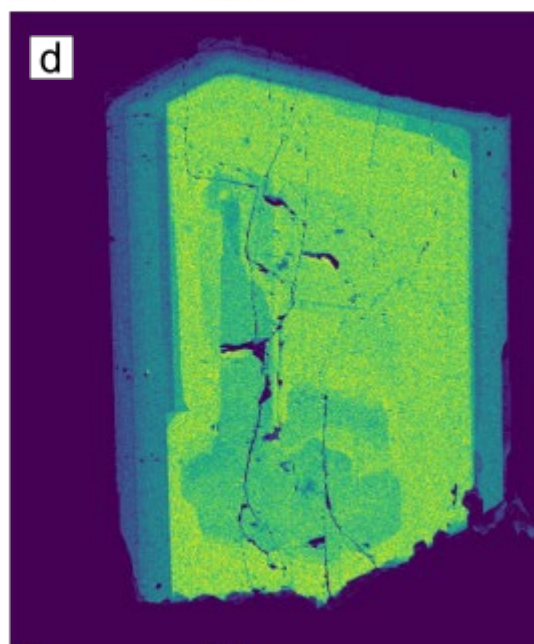
Al — 200  $\mu$ m



Fe — 200  $\mu$ m



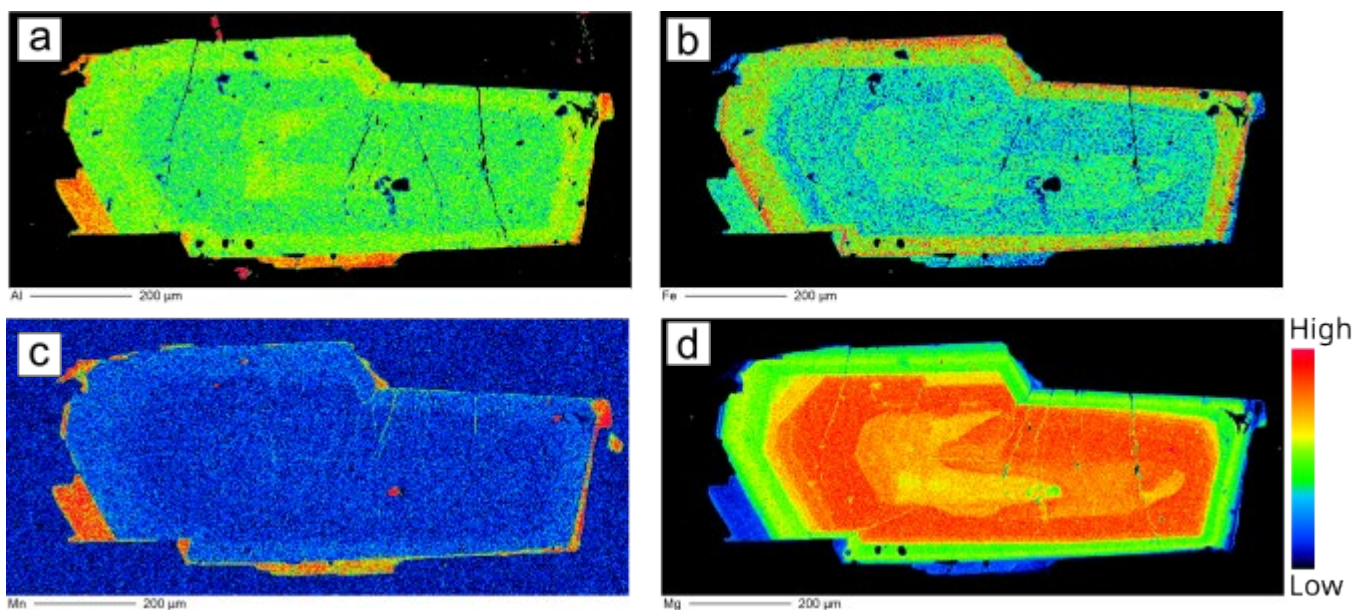
Mn — 200  $\mu$ m



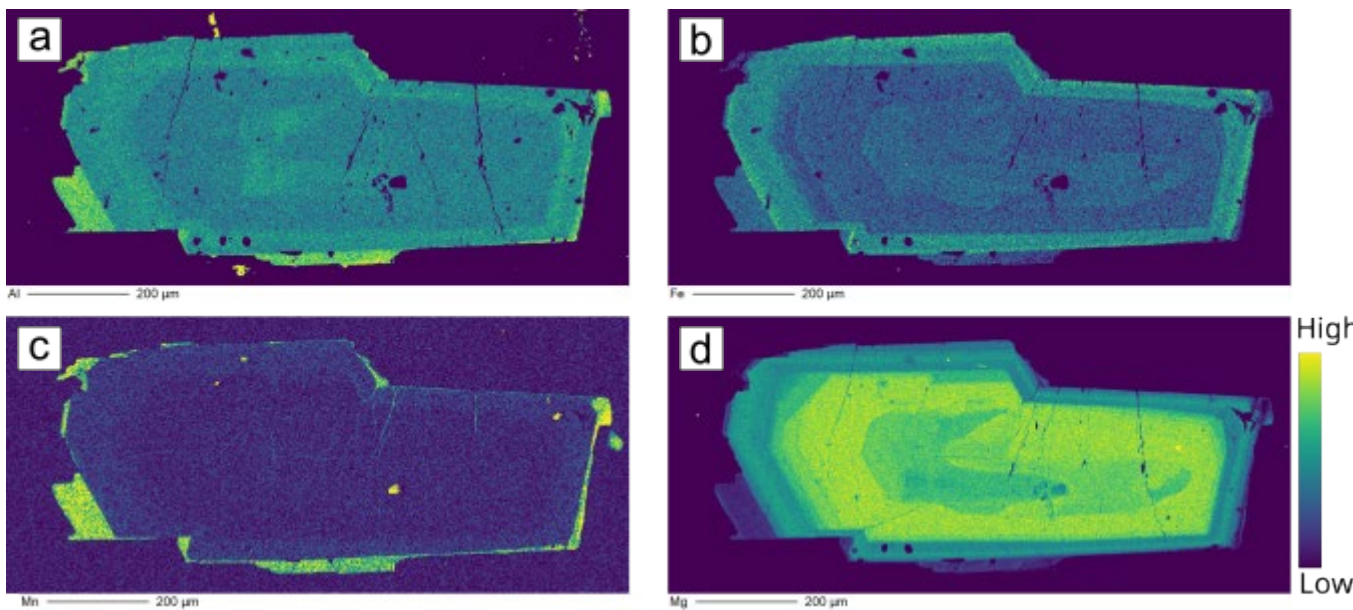
Mg — 200  $\mu$ m

High  
Low

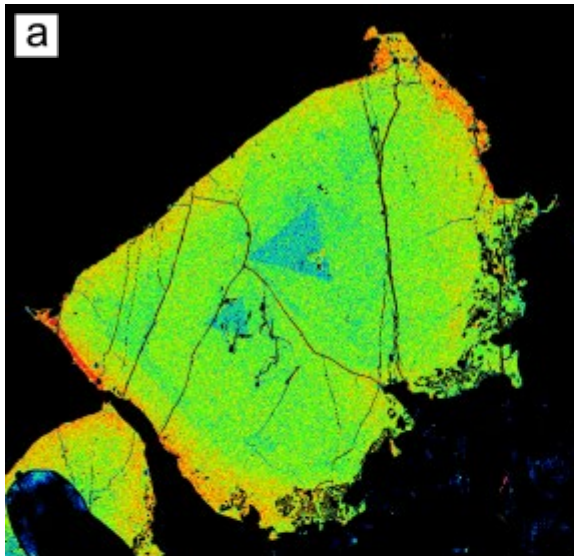
**Appendix C.2.2** Viridis color scale EPMA maps of tourmaline from thin section PFS1A (Intermediate zone Graphic subzone)



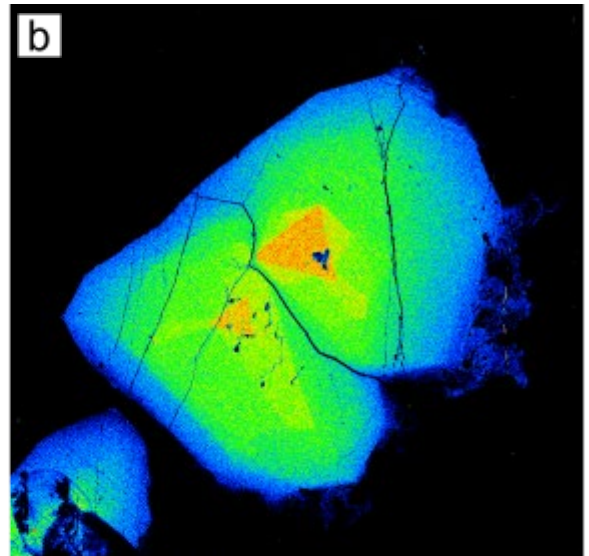
**Appendix C.3.1** Rainbow color scale EPMA maps of tourmaline from thin section PFS1A (Intermediate zone Graphic subzone)



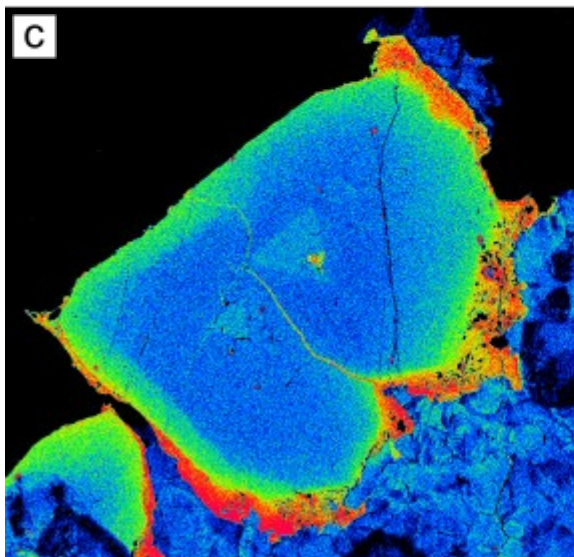
**Appendix C.3.2** Viridis color scale EPMA maps of tourmaline from thin section PFS1A (Intermediate zone Graphic subzone)



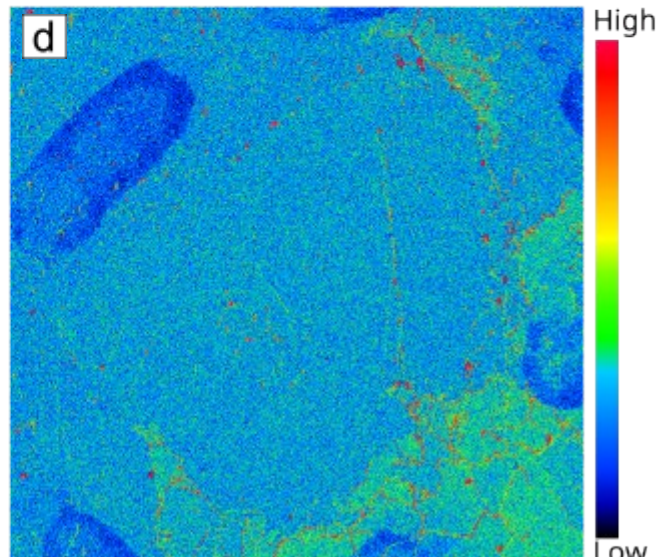
Al — 500  $\mu$ m



Fe — 500  $\mu$ m

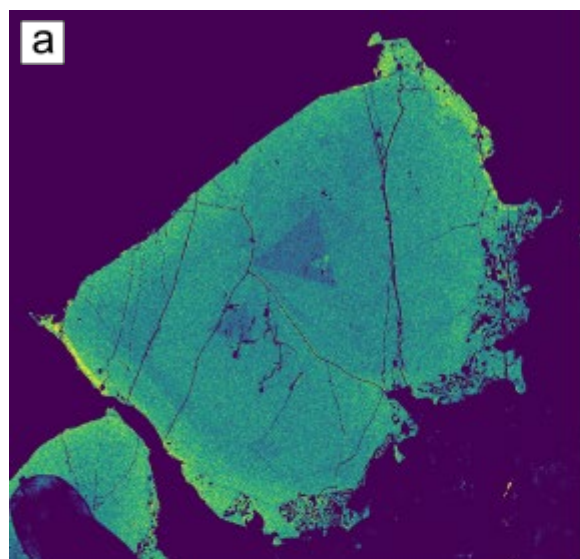


Mn — 500  $\mu$ m

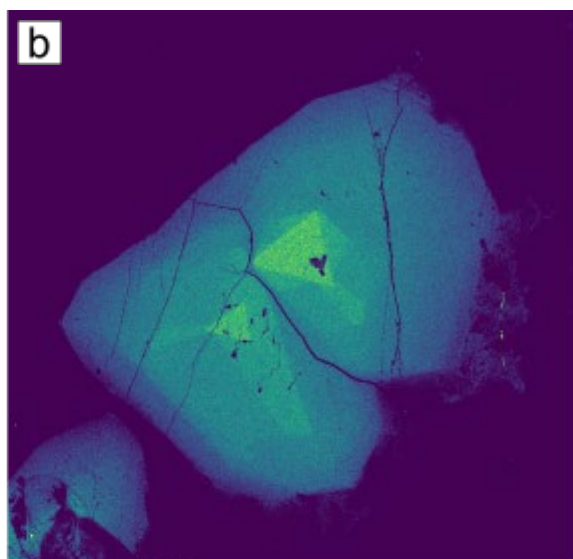


Mg — 500  $\mu$ m

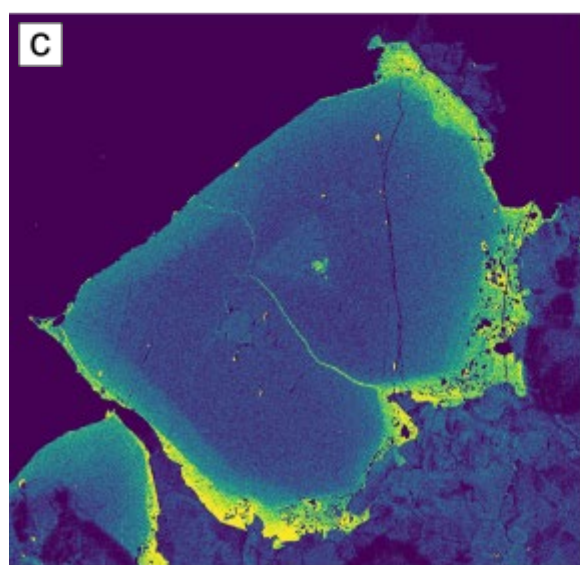
**Appendix C.4.1** Rainbow color scale EPMA maps of tourmaline from thin section P28C (Central zone Distal Tourmaline subzone)



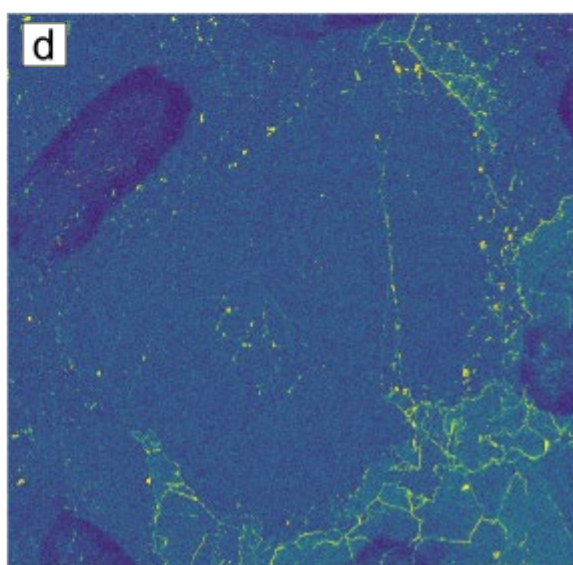
Al — 500  $\mu$ m



Fe — 500  $\mu$ m



Mn — 500  $\mu$ m



Mg — 500  $\mu$ m



**Appendix C.4.2** Viridis color scale EPMA maps of tourmaline from thin section P28C (Central zone Distal Tourmaline subzone)