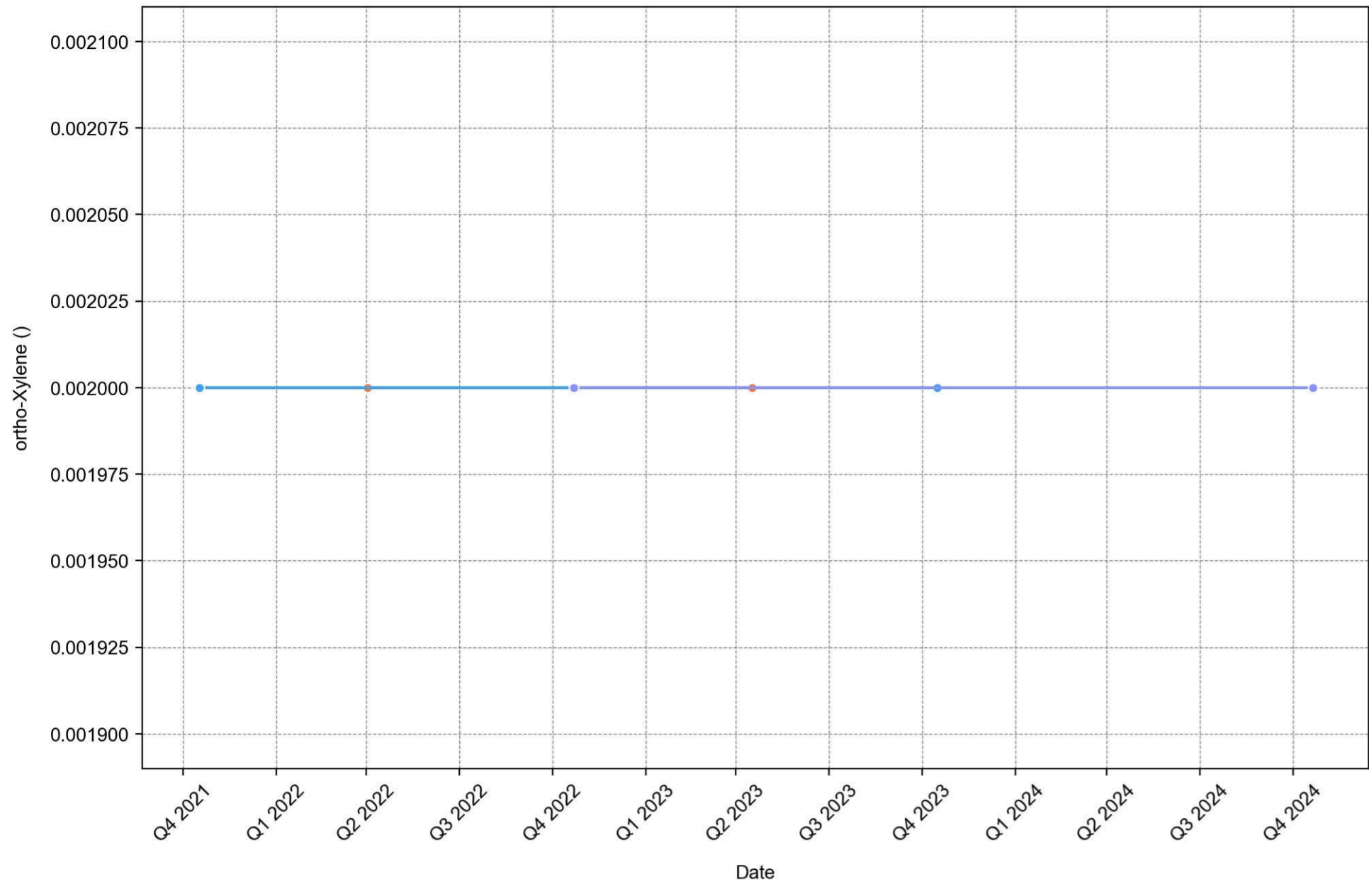
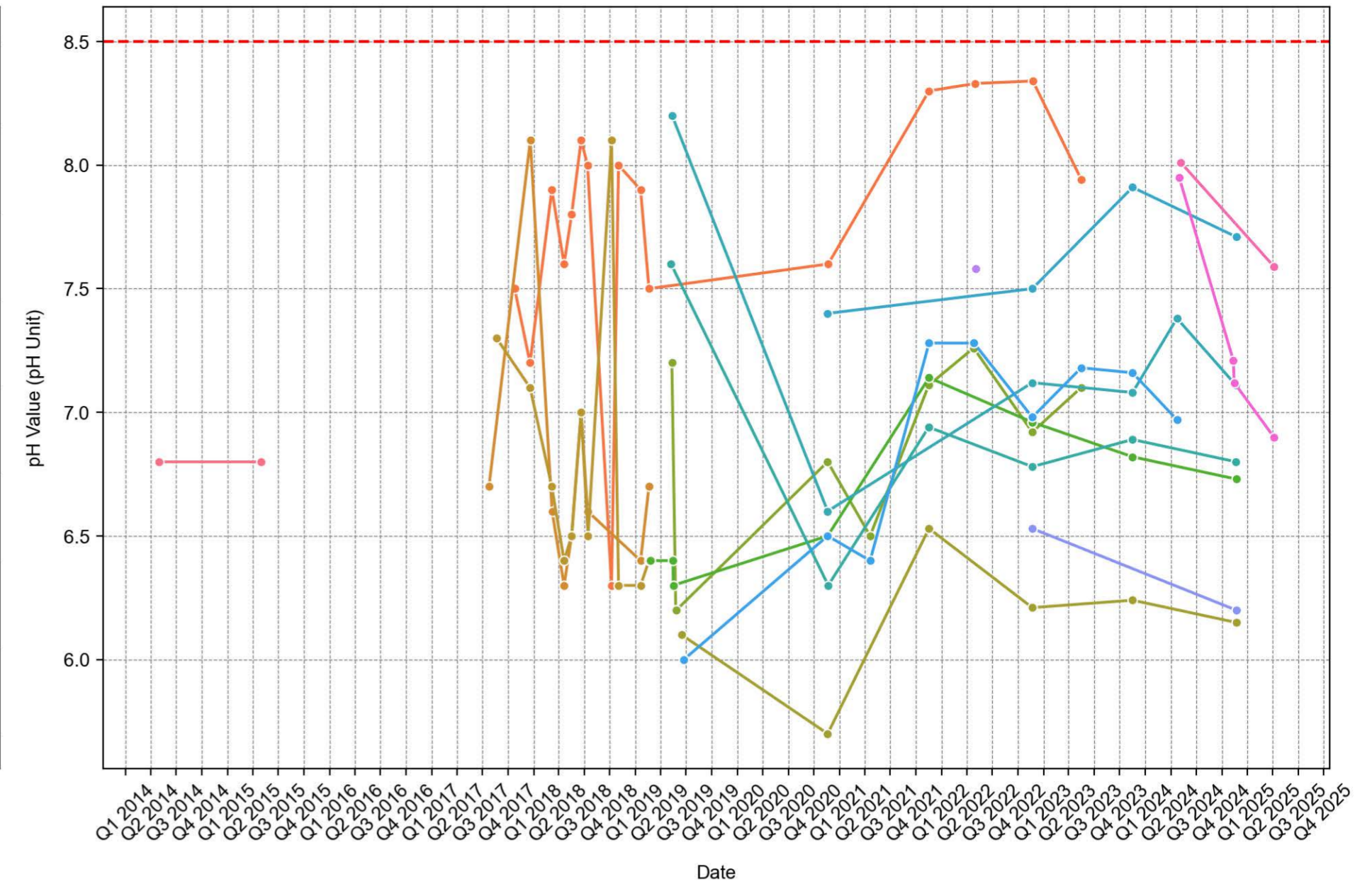


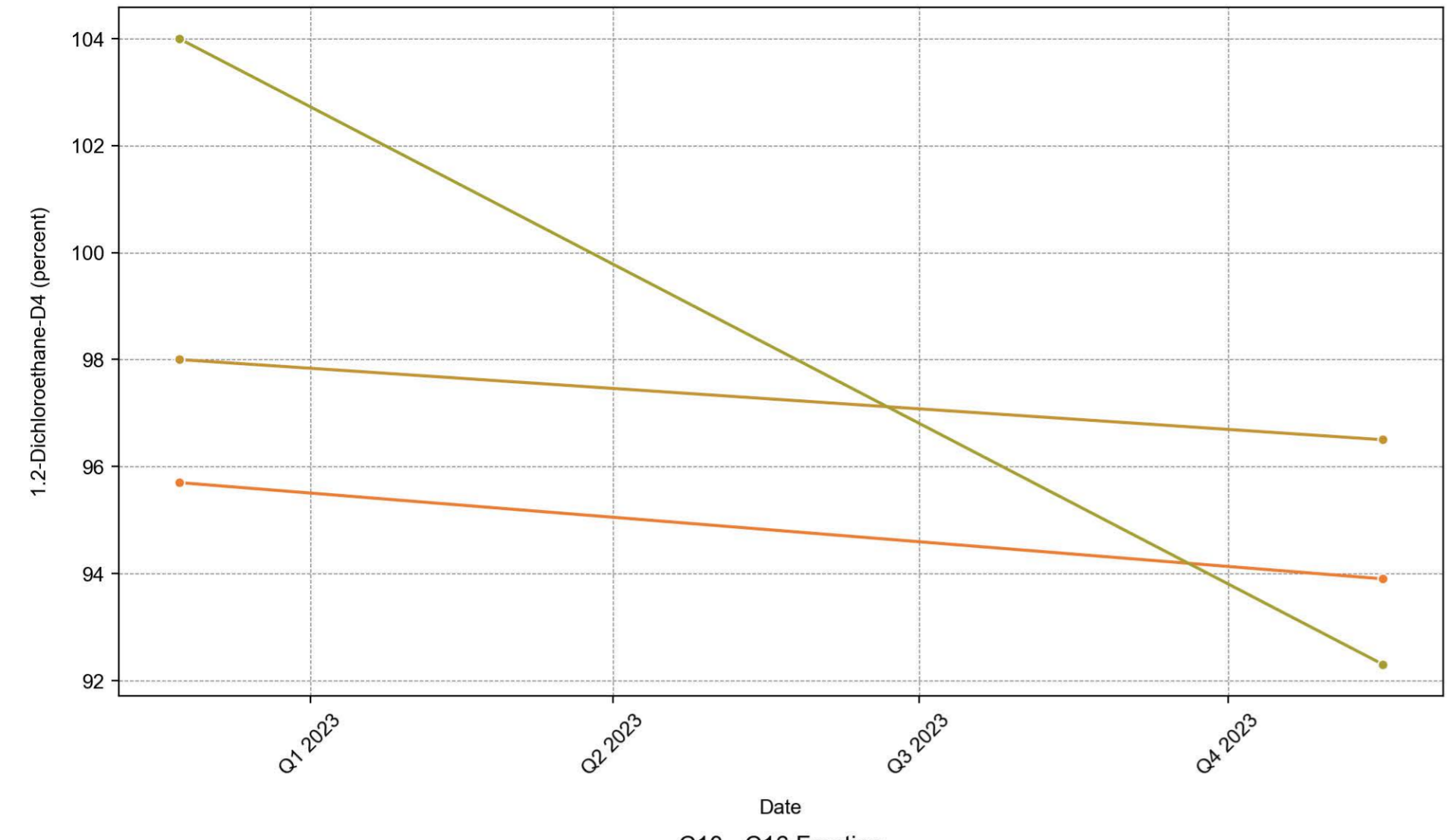
ortho-Xylene



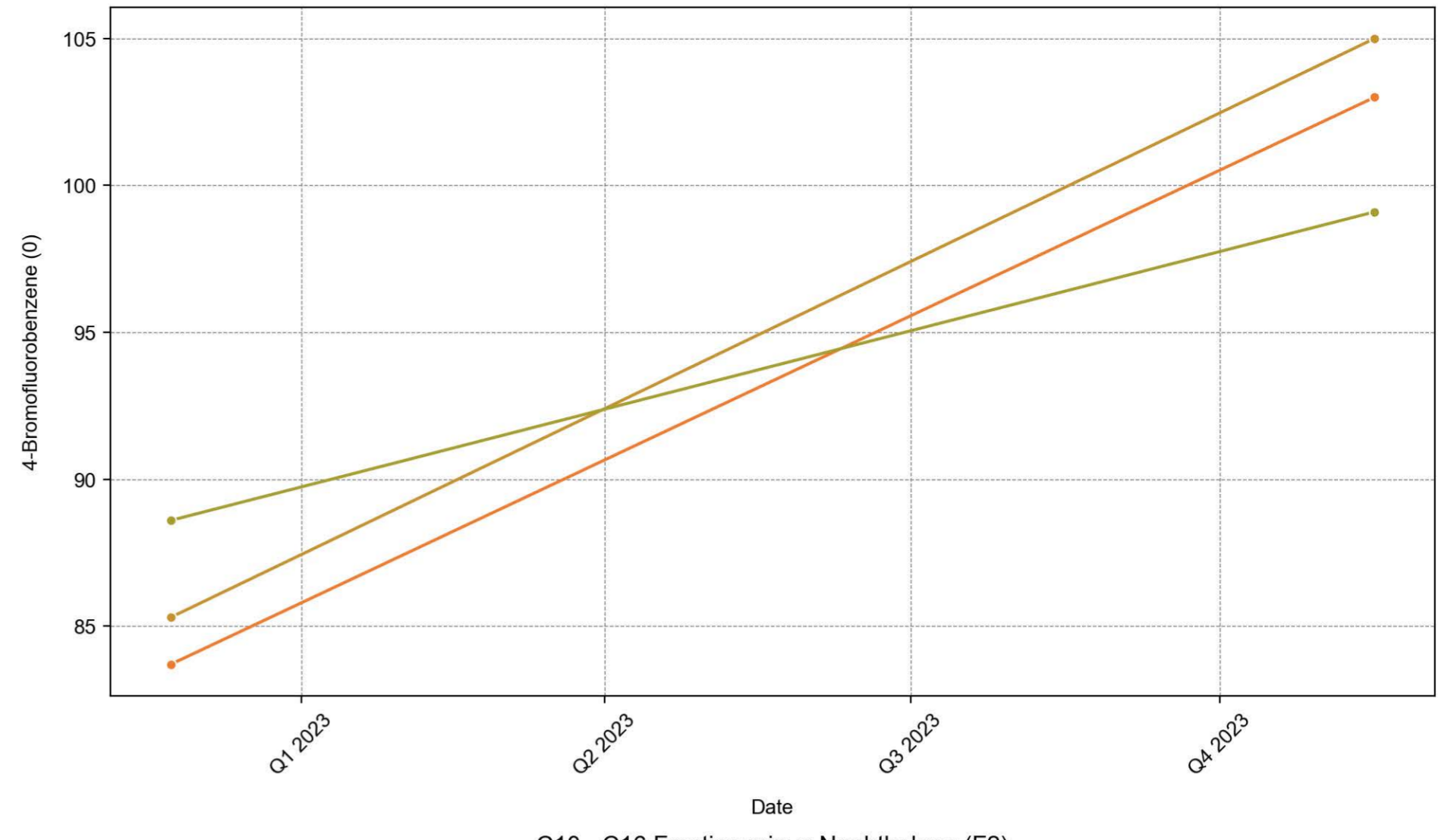
pH Value



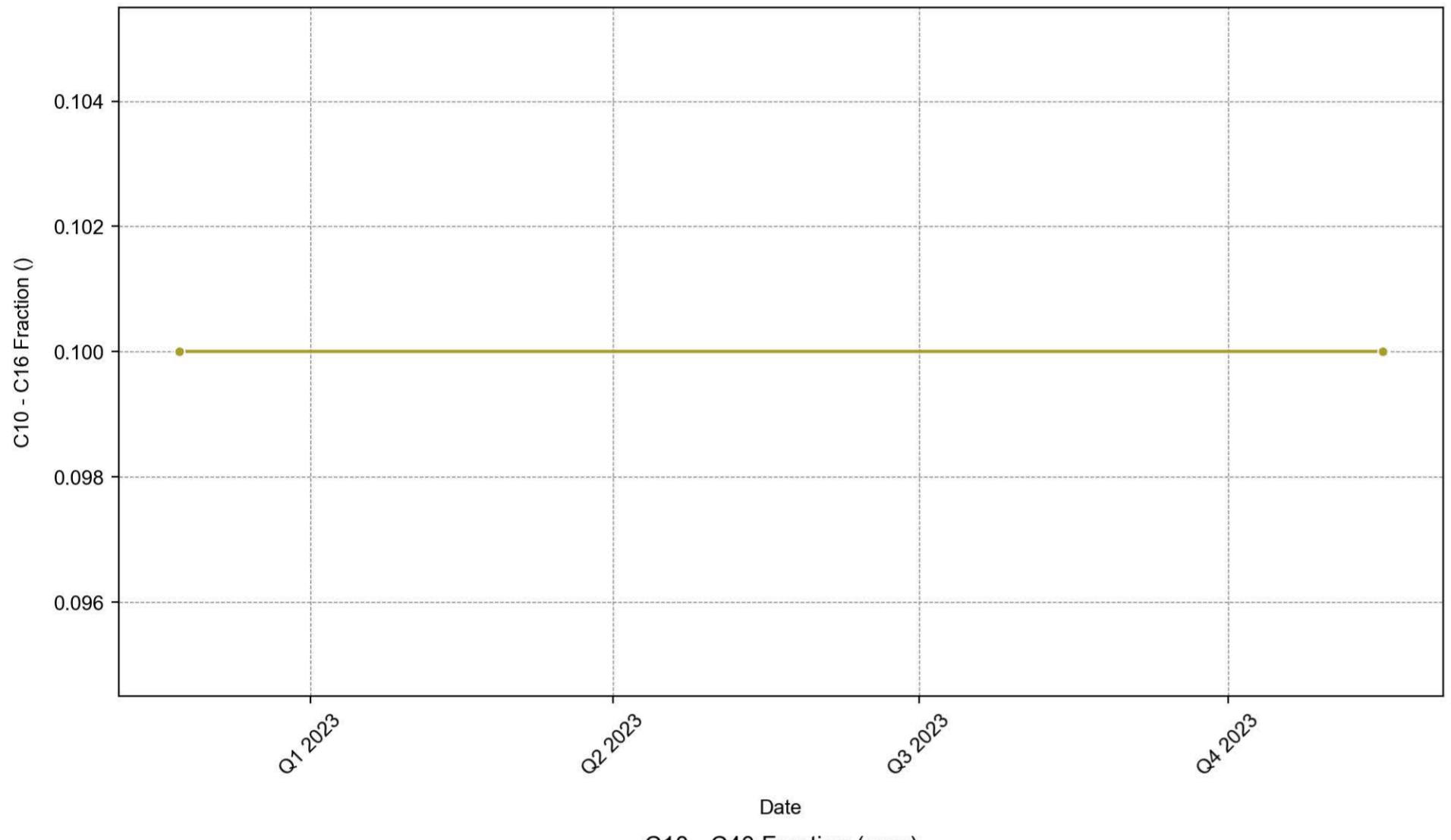
1,2-Dichloroethane-D4



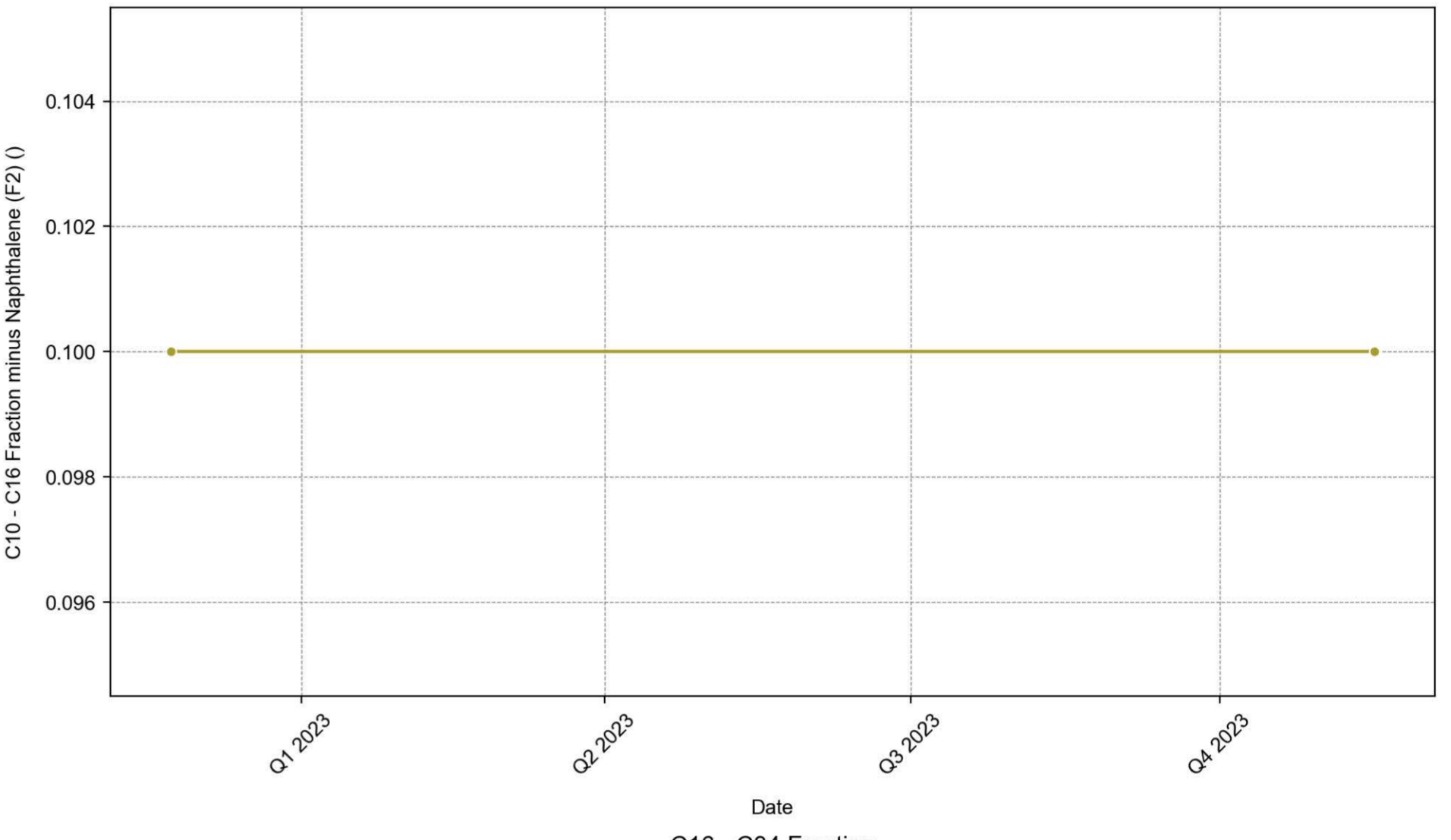
4-Bromofluorobenzene



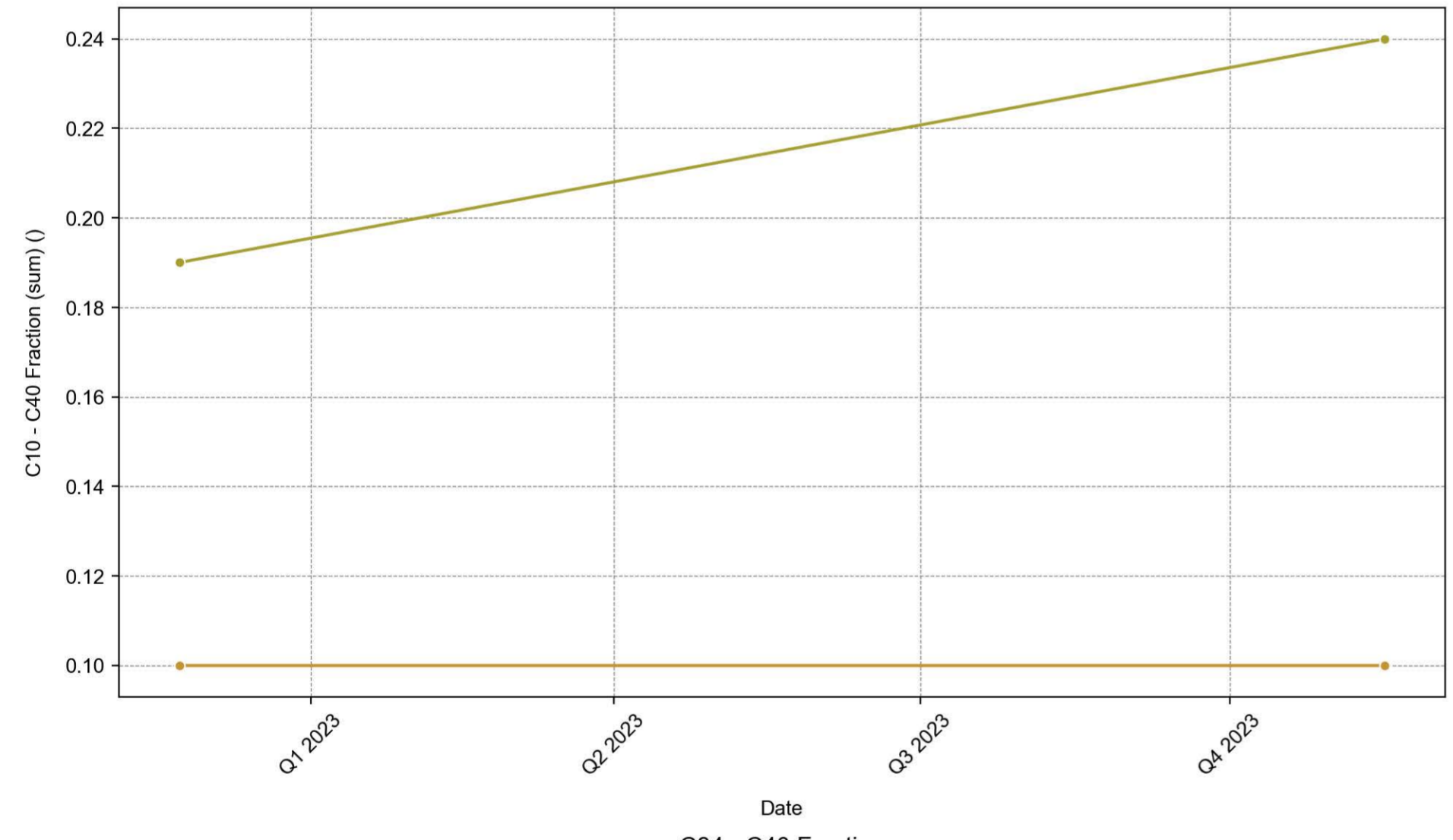
C10 - C16 Fraction



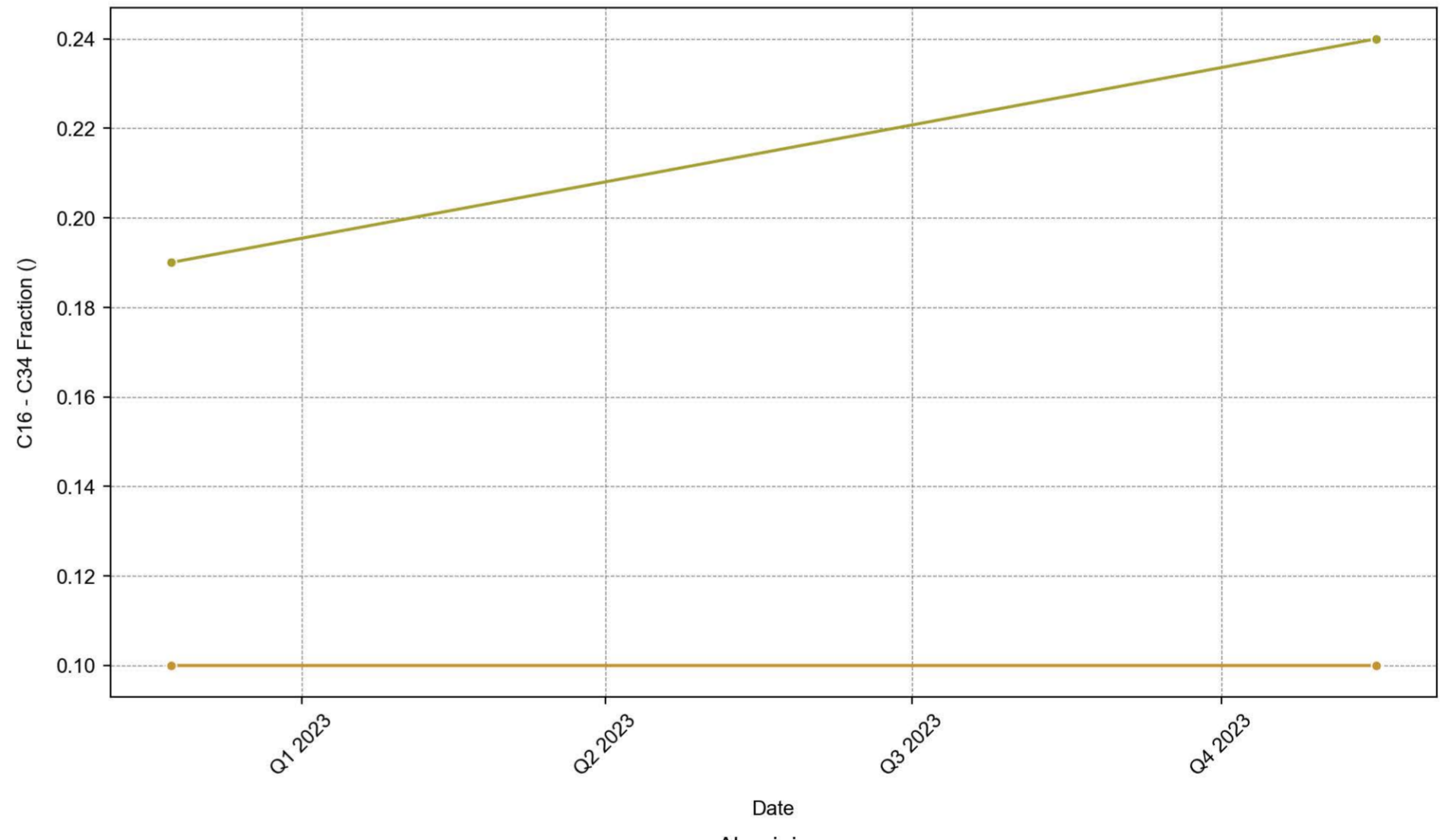
C10 - C16 Fraction minus Naphthalene (F2)



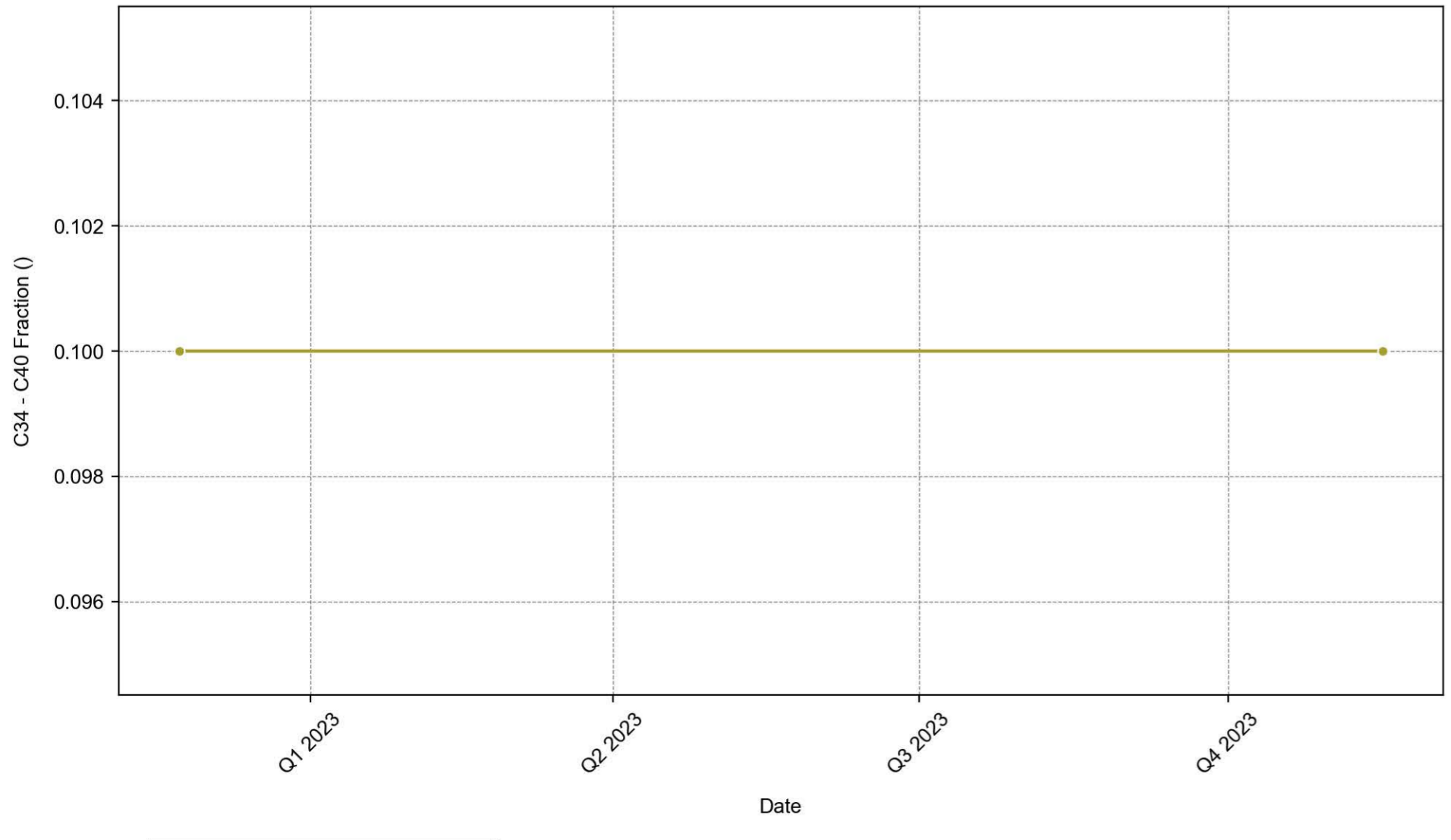
C10 - C40 Fraction (sum)



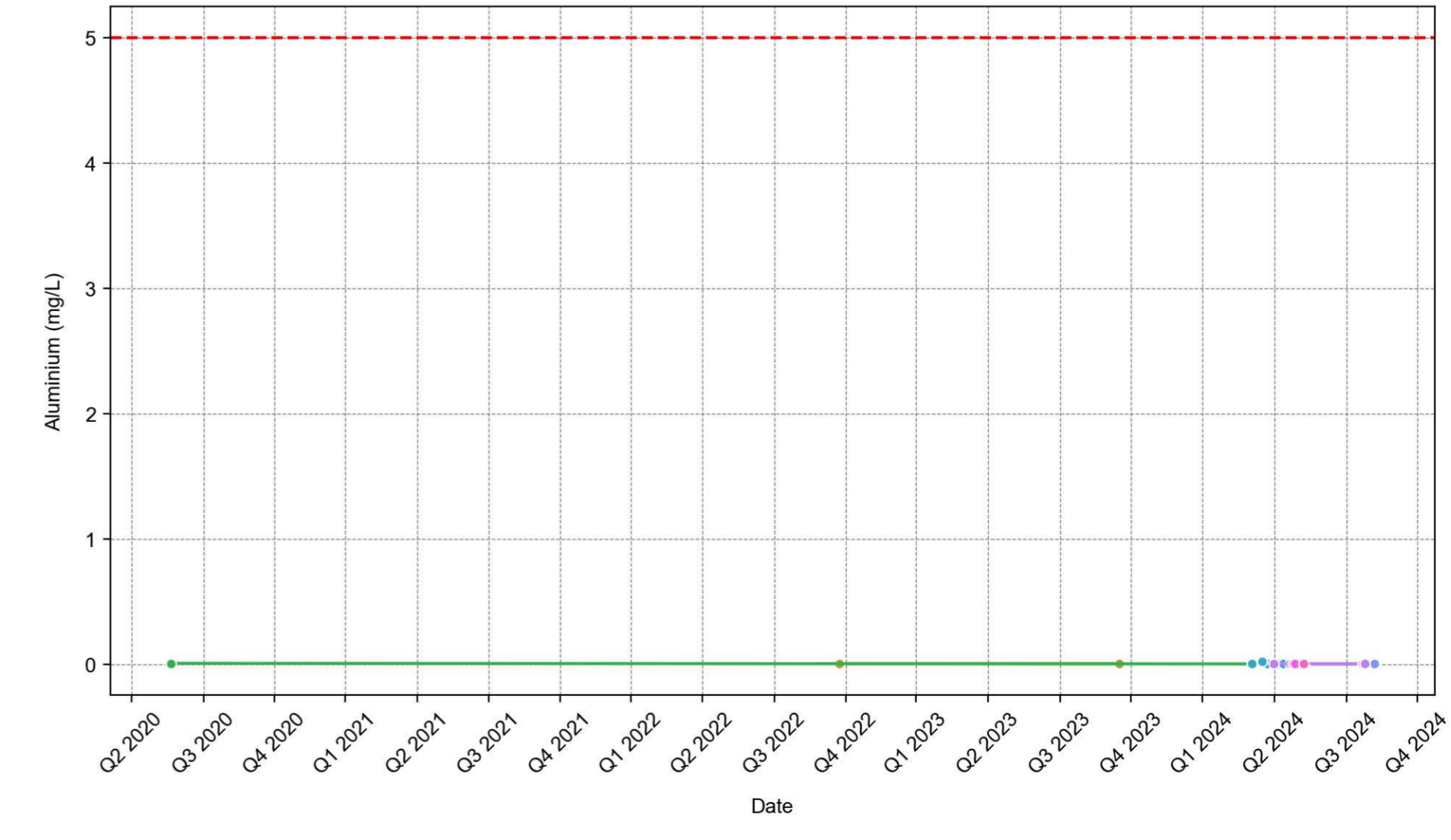
C16 - C34 Fraction



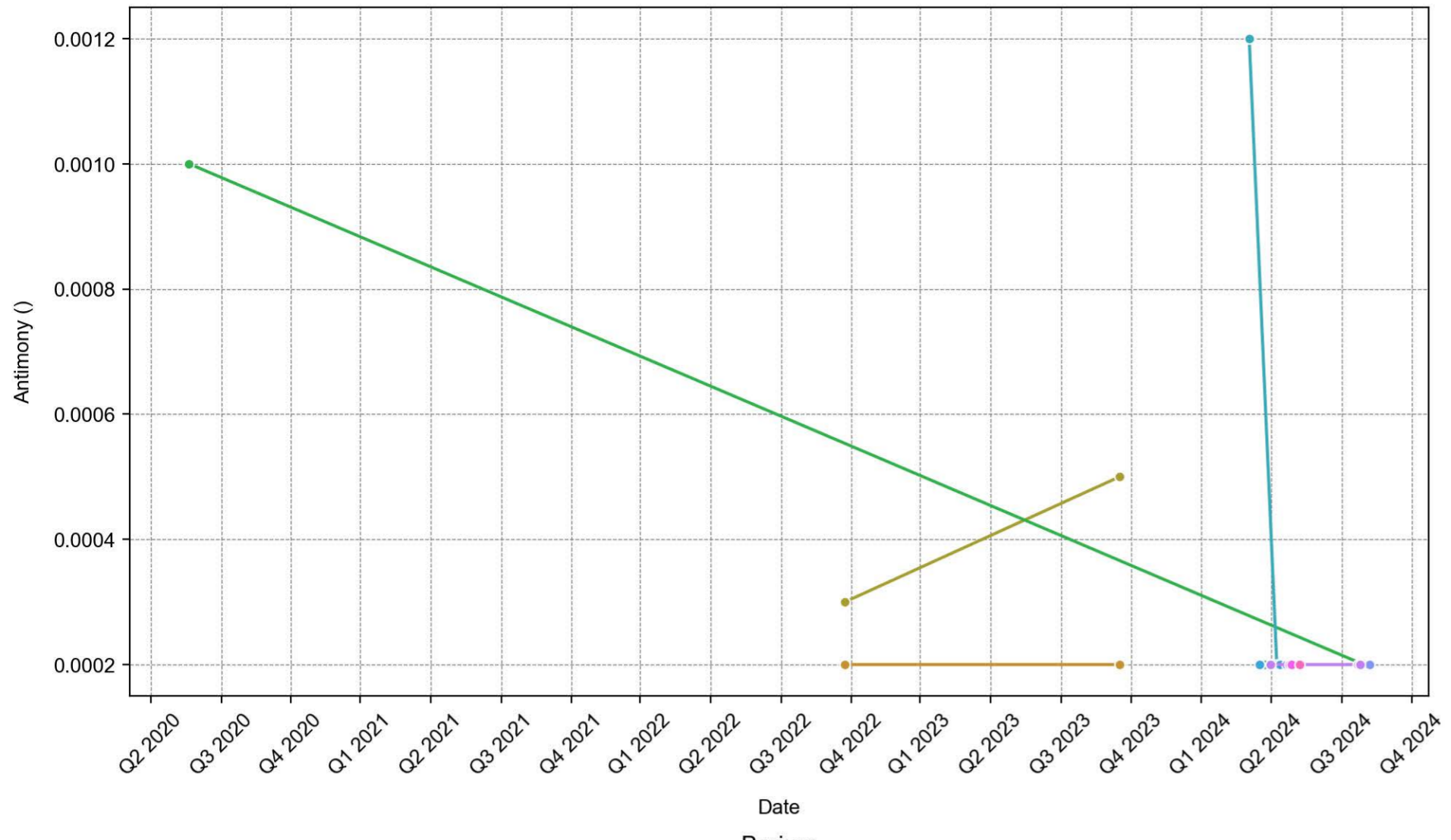
C34 - C40 Fraction



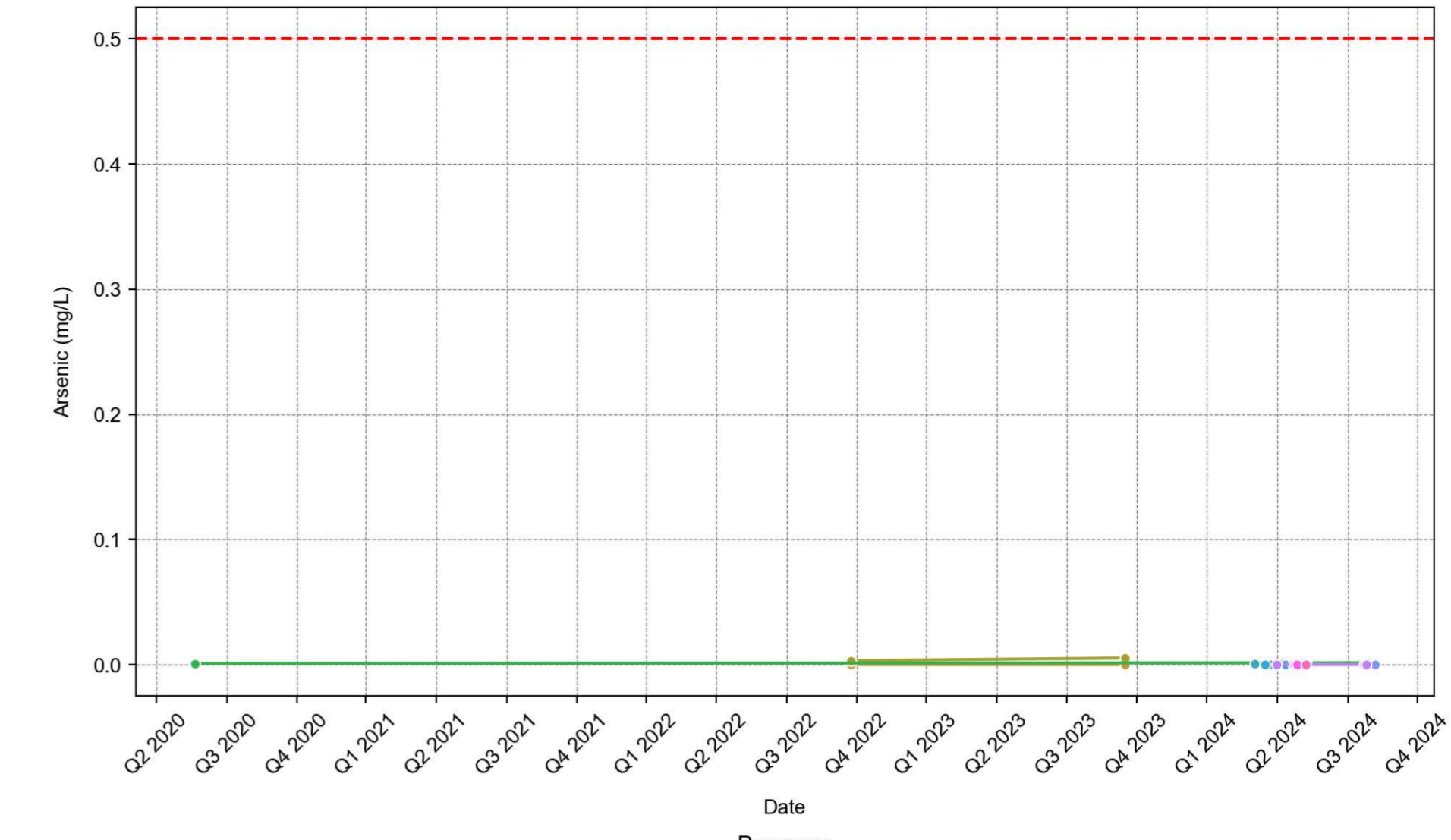
Aluminium



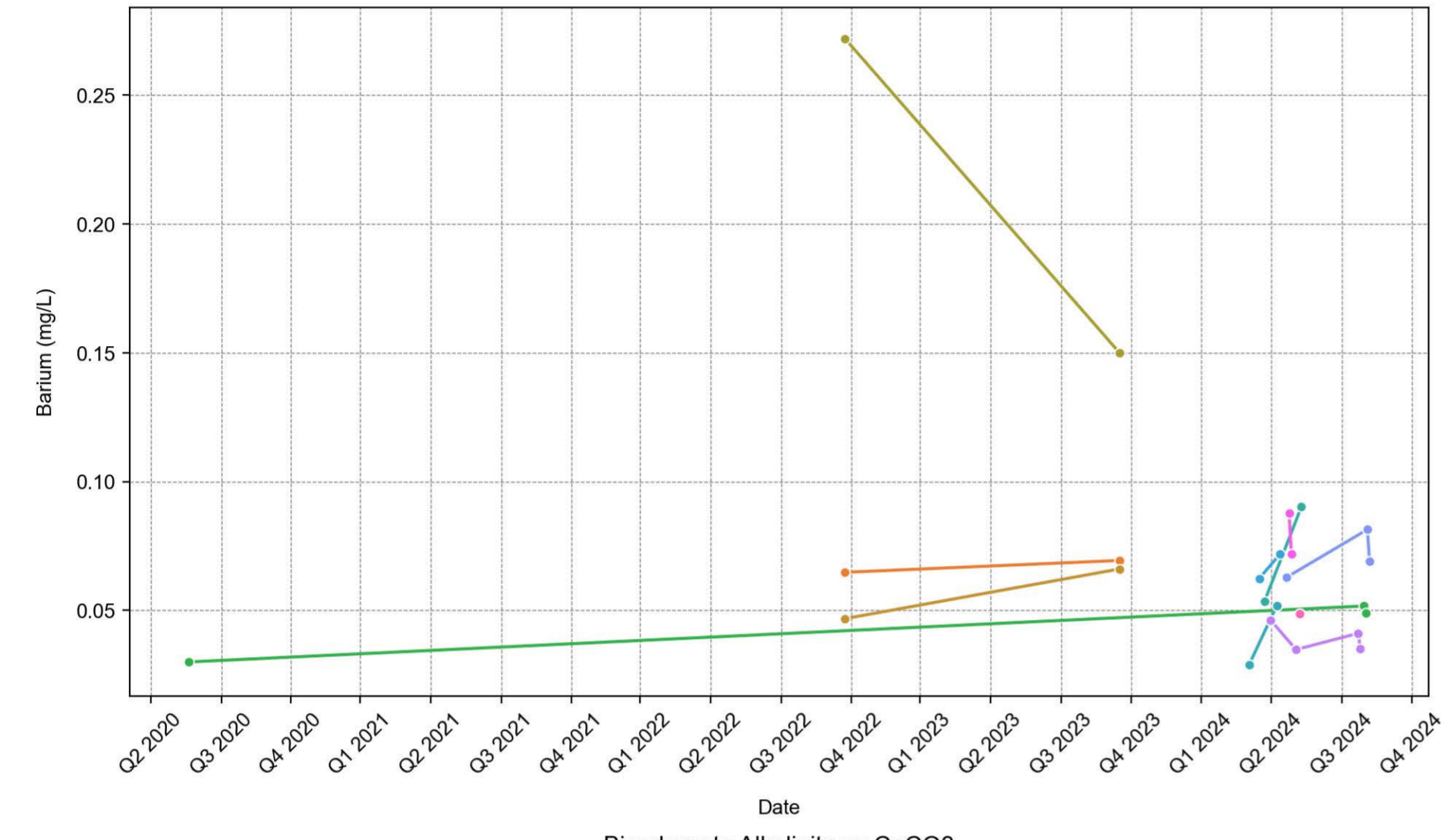
Antimony



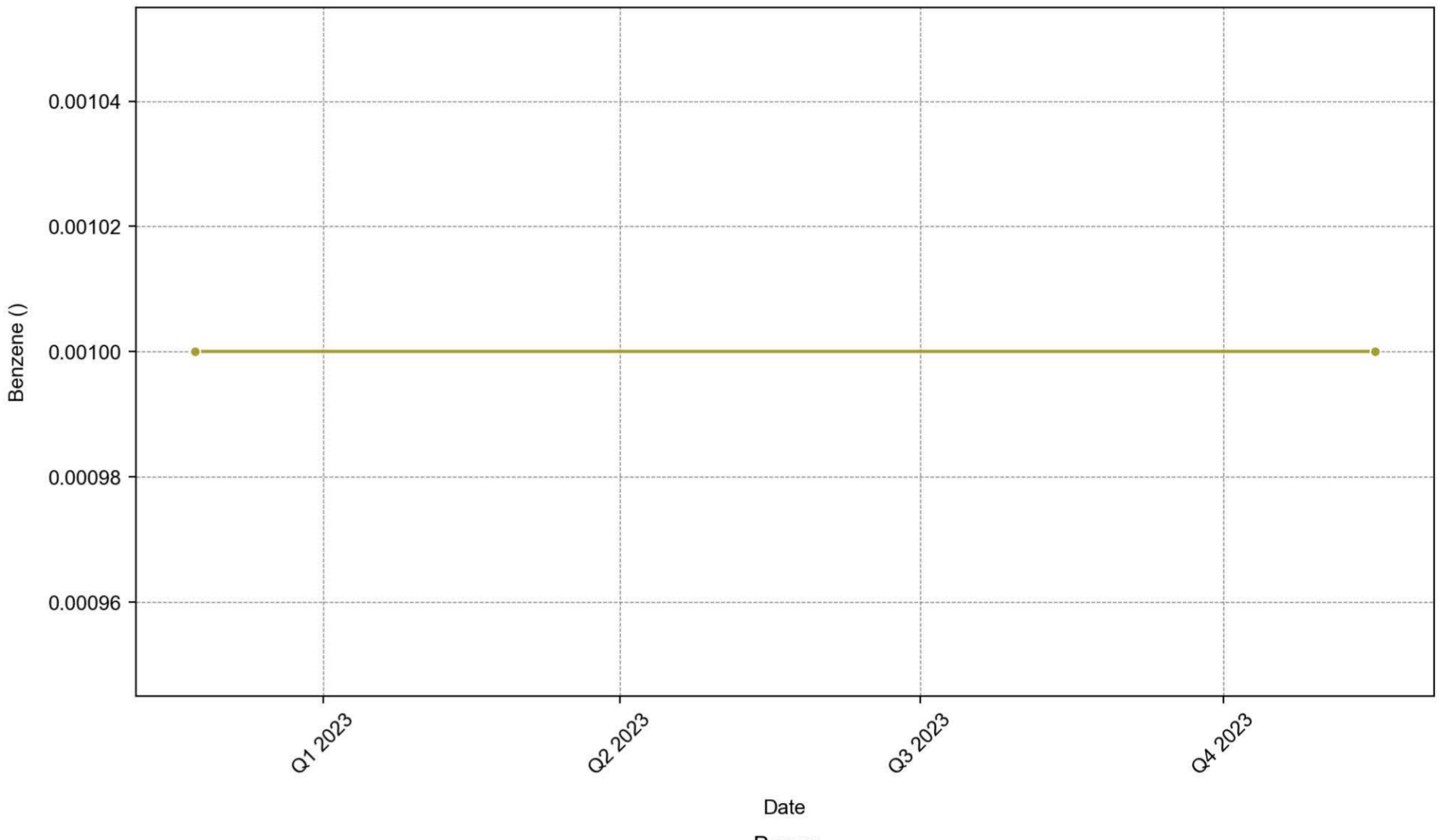
Arsenic



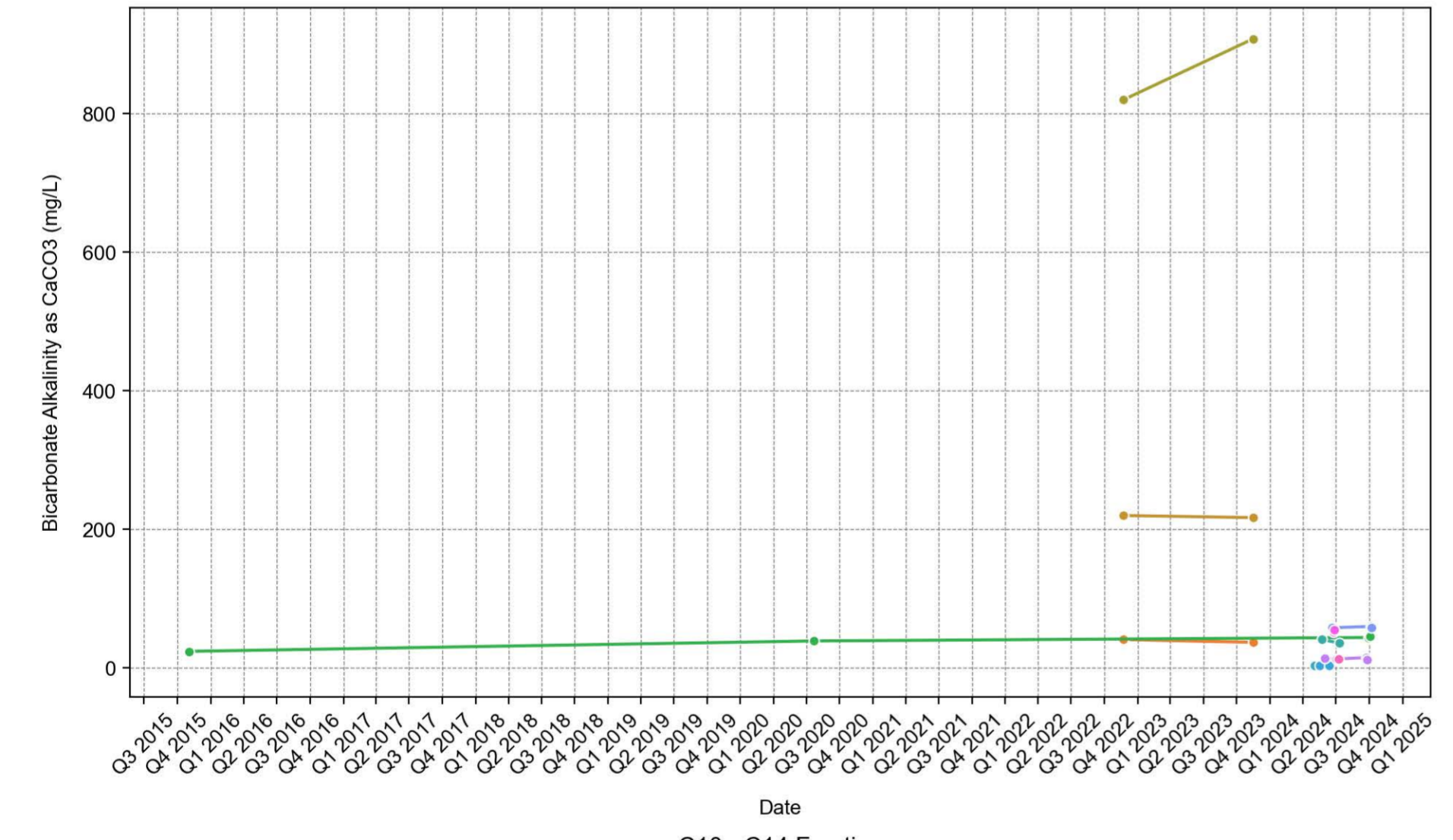
Barium



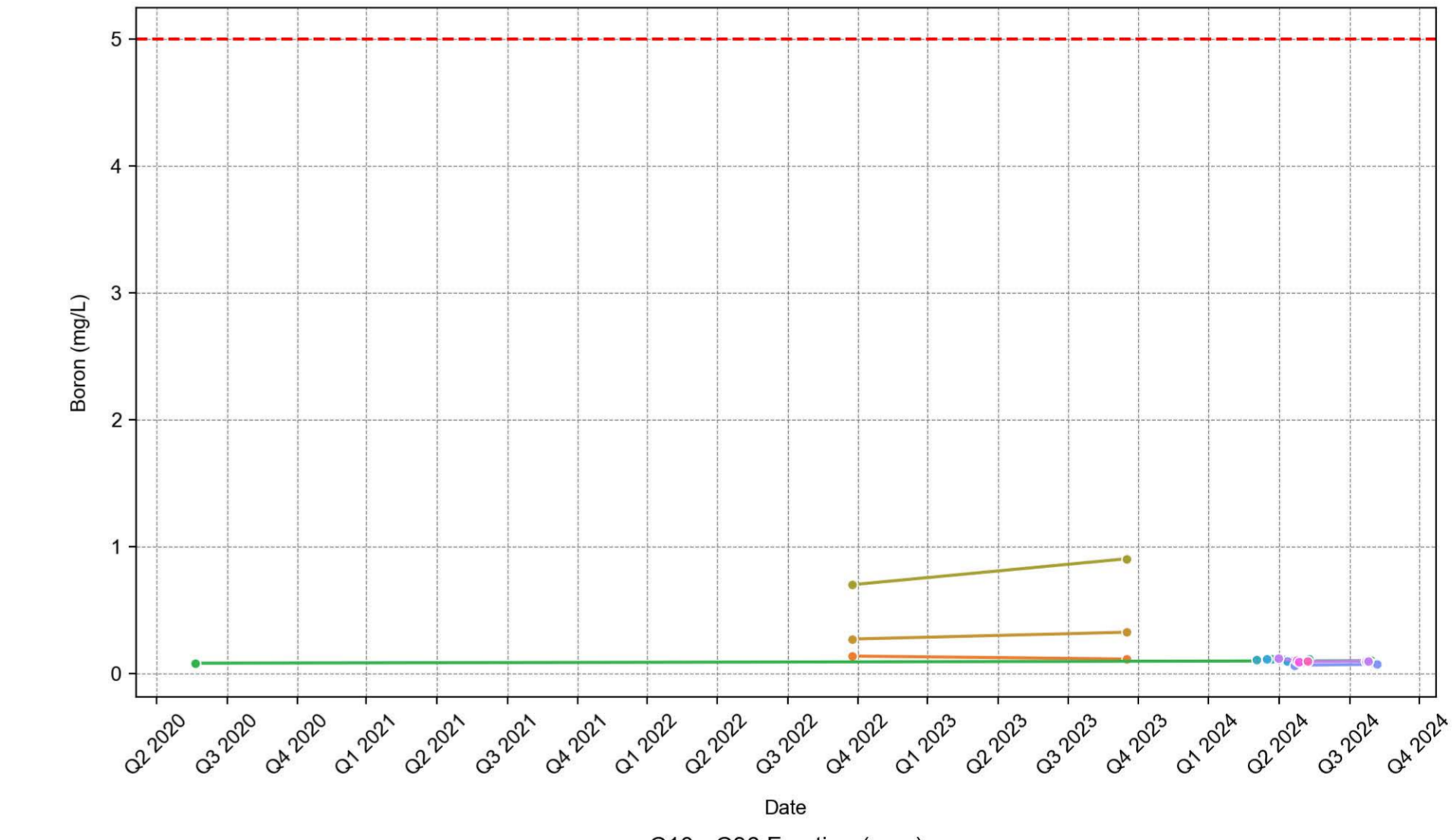
Benzene



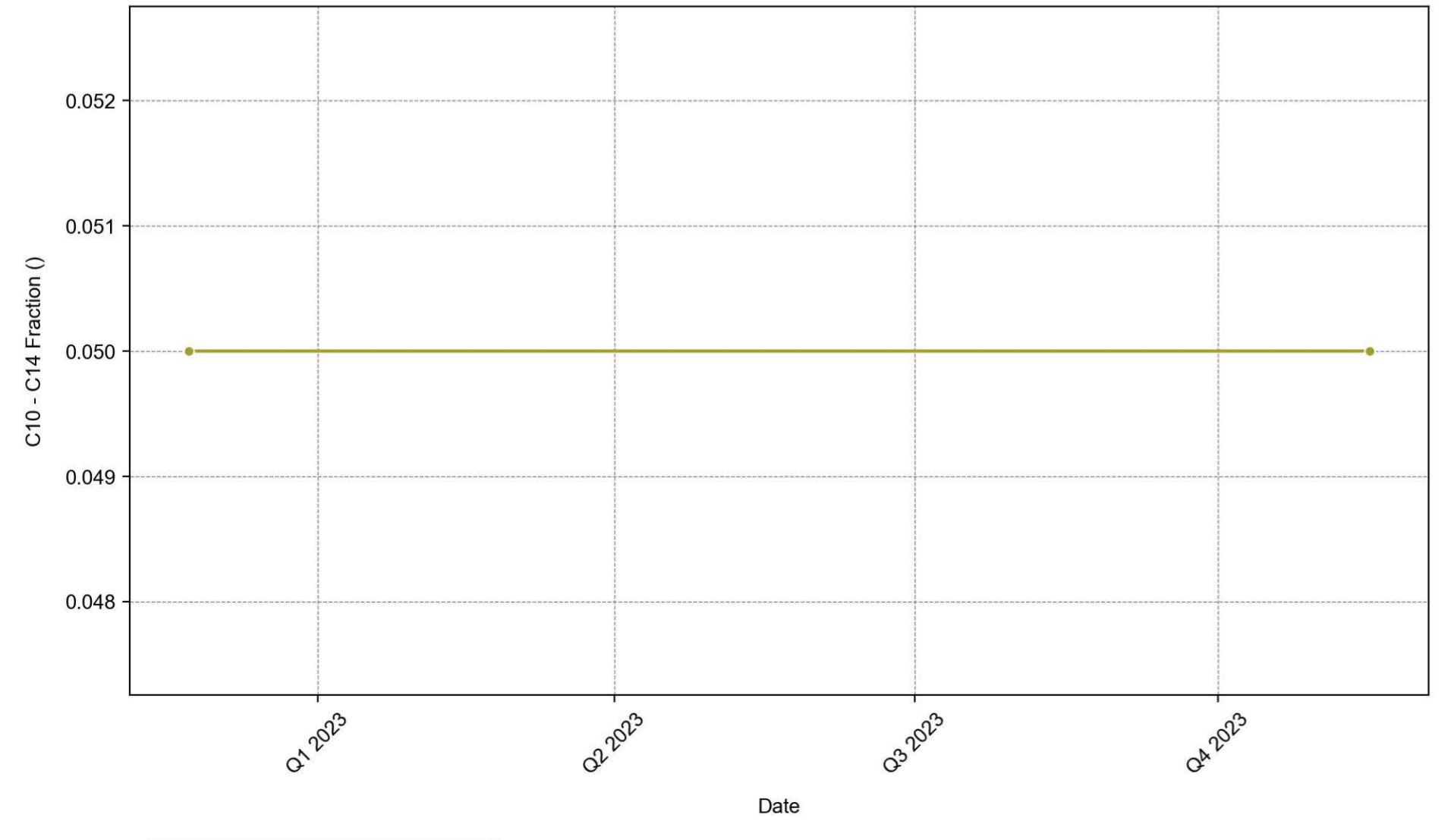
Bicarbonate Alkalinity as CaCO3



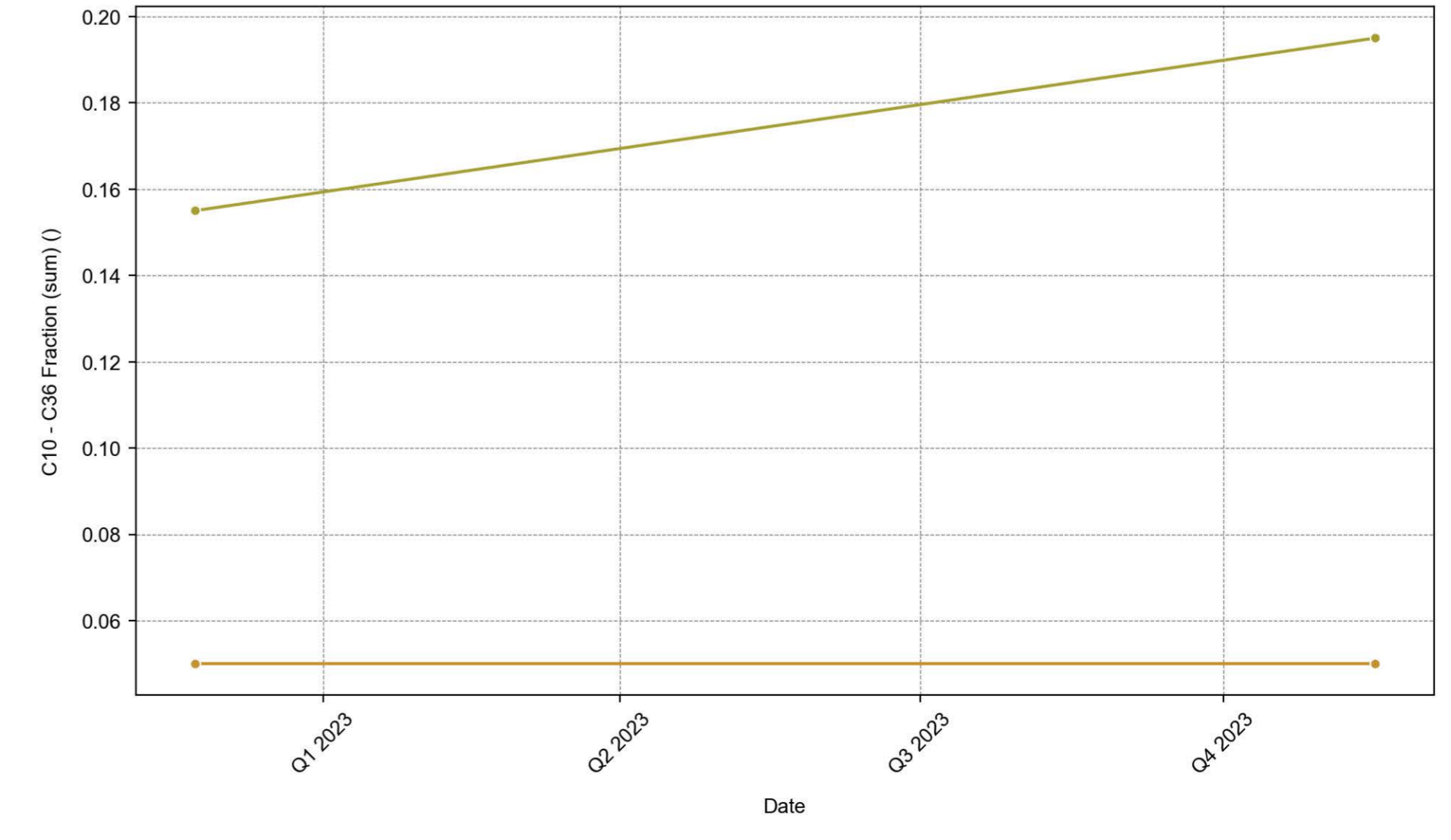
Boron



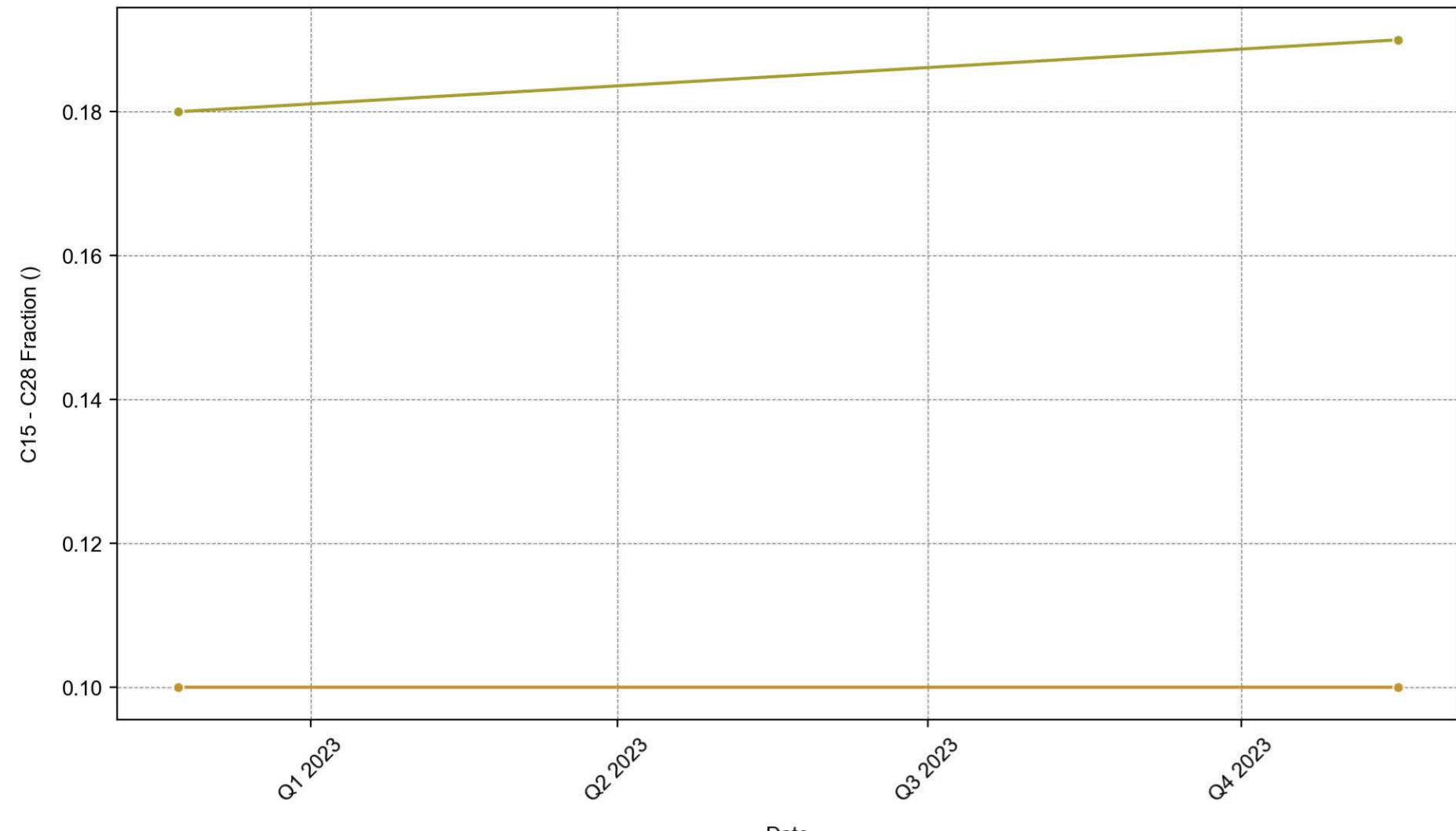
C10 - C14 Fraction



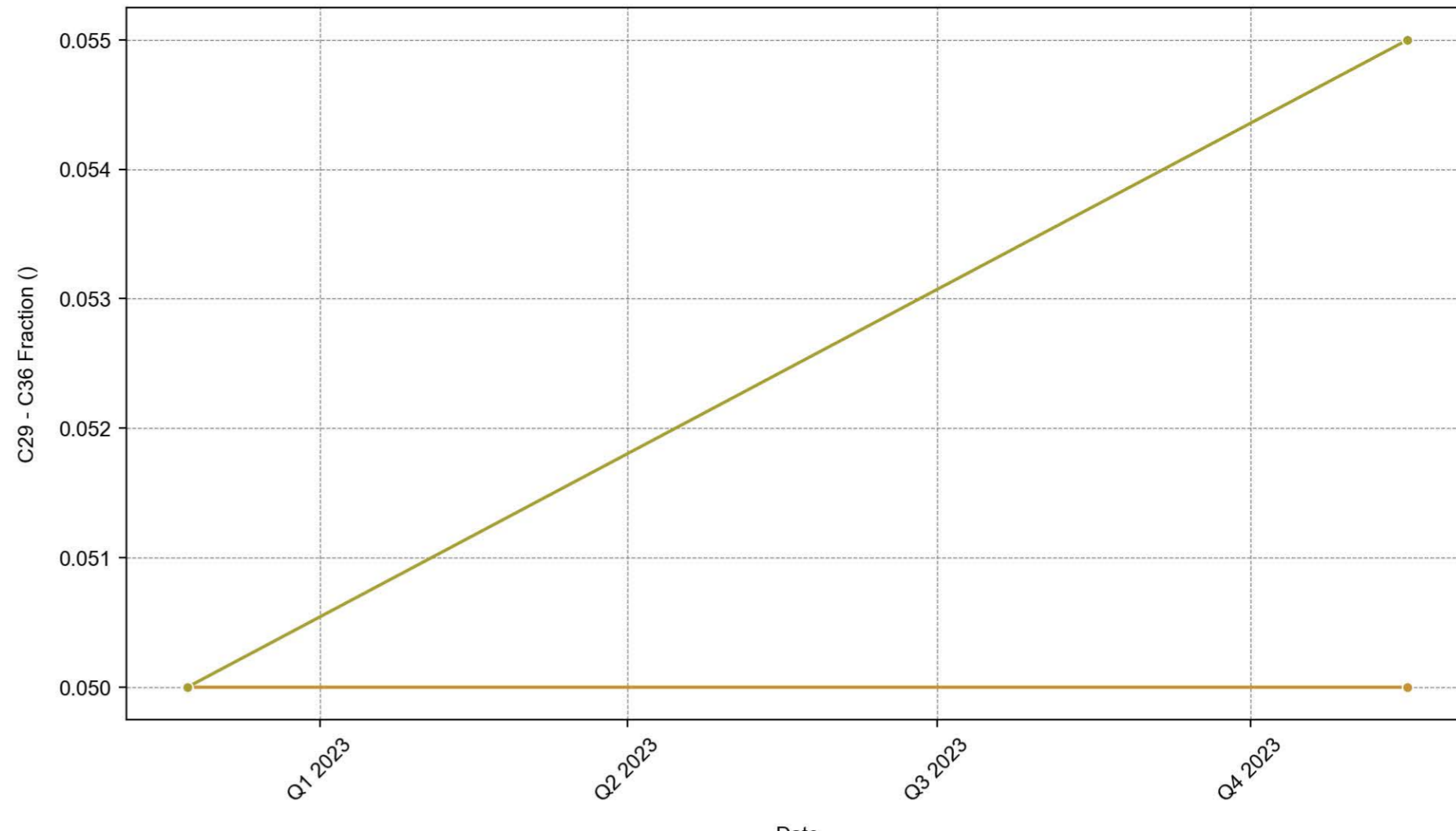
C10 - C36 Fraction (sum)



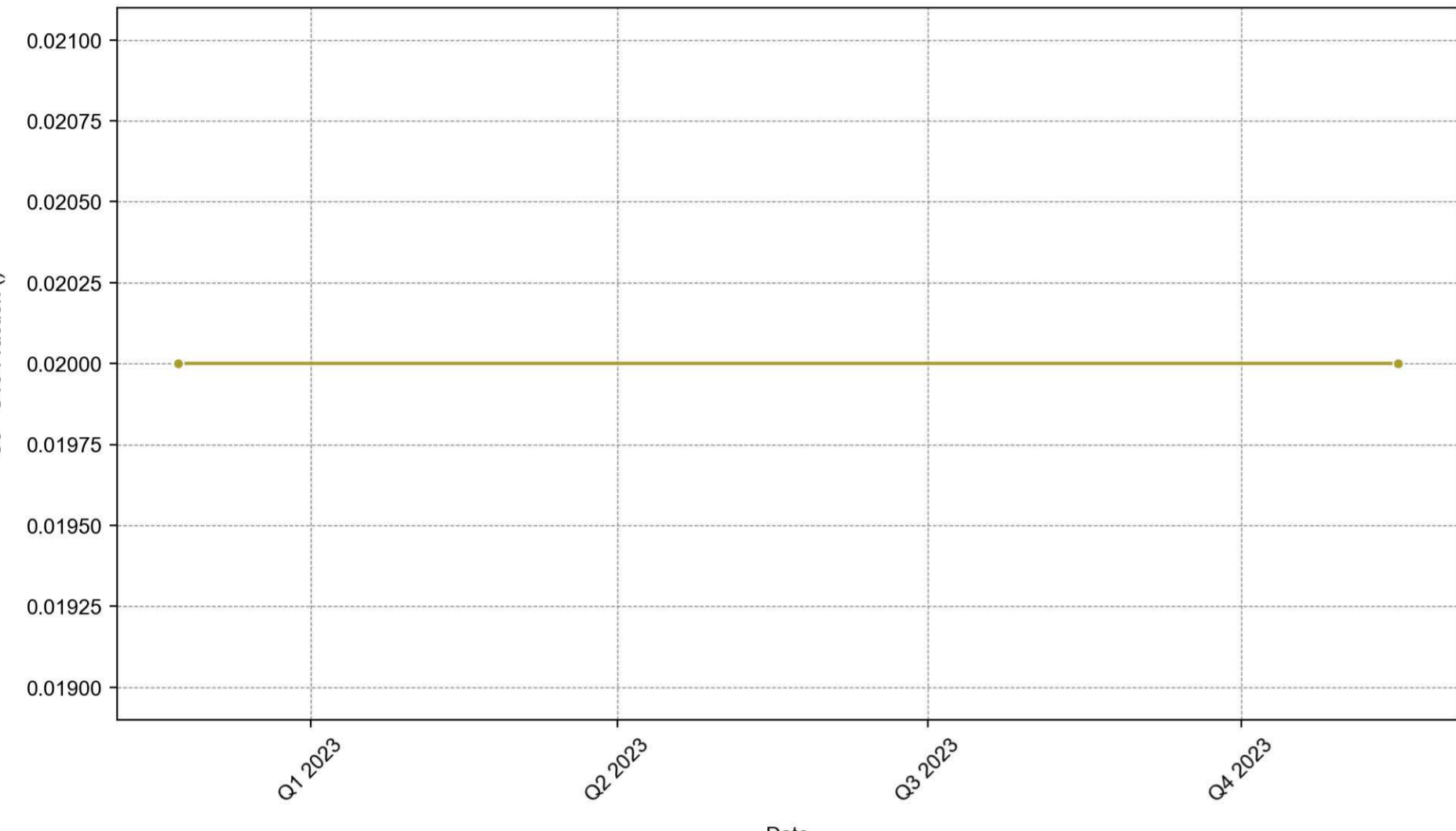
C15 - C28 Fraction



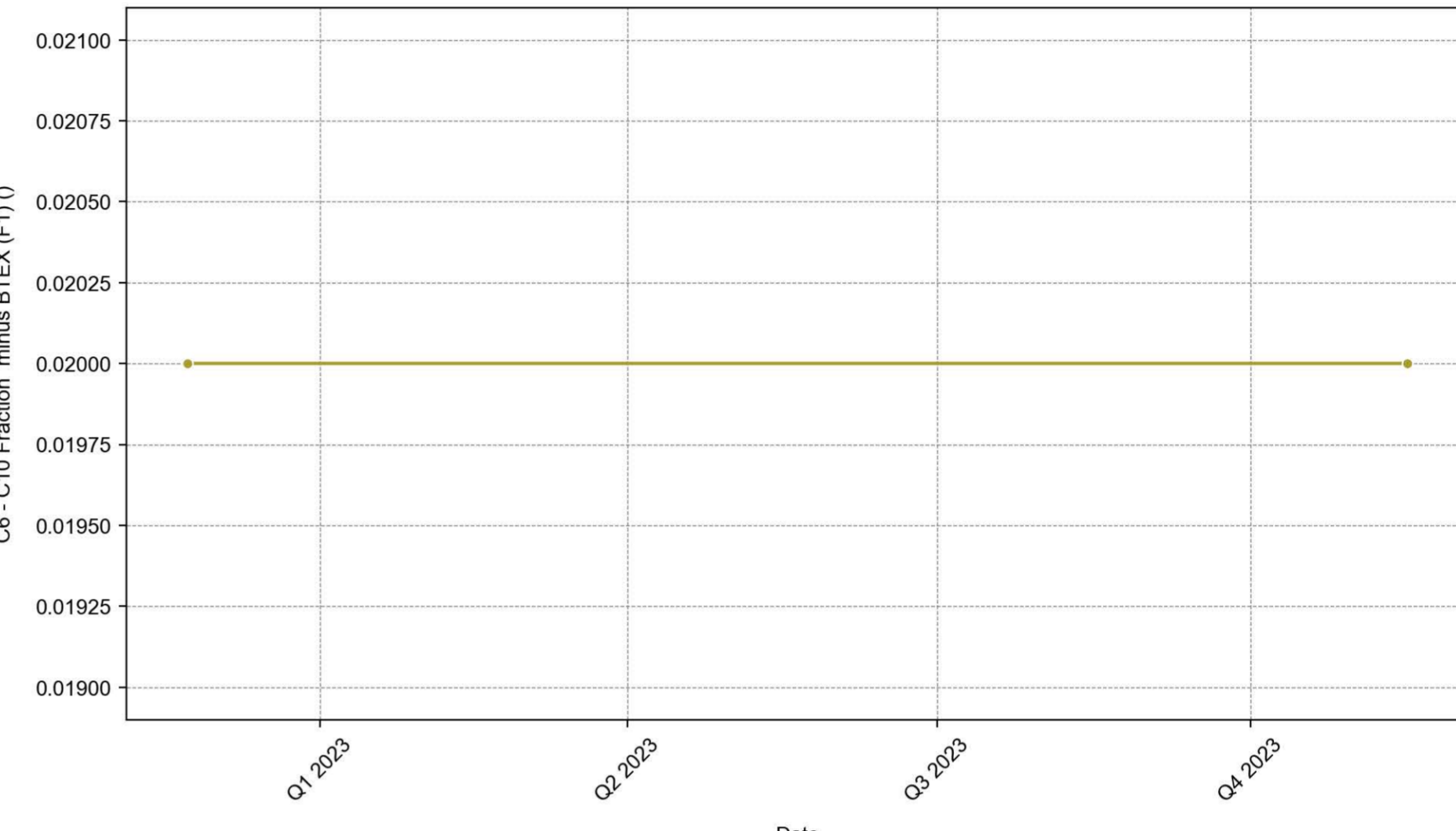
C29 - C36 Fraction



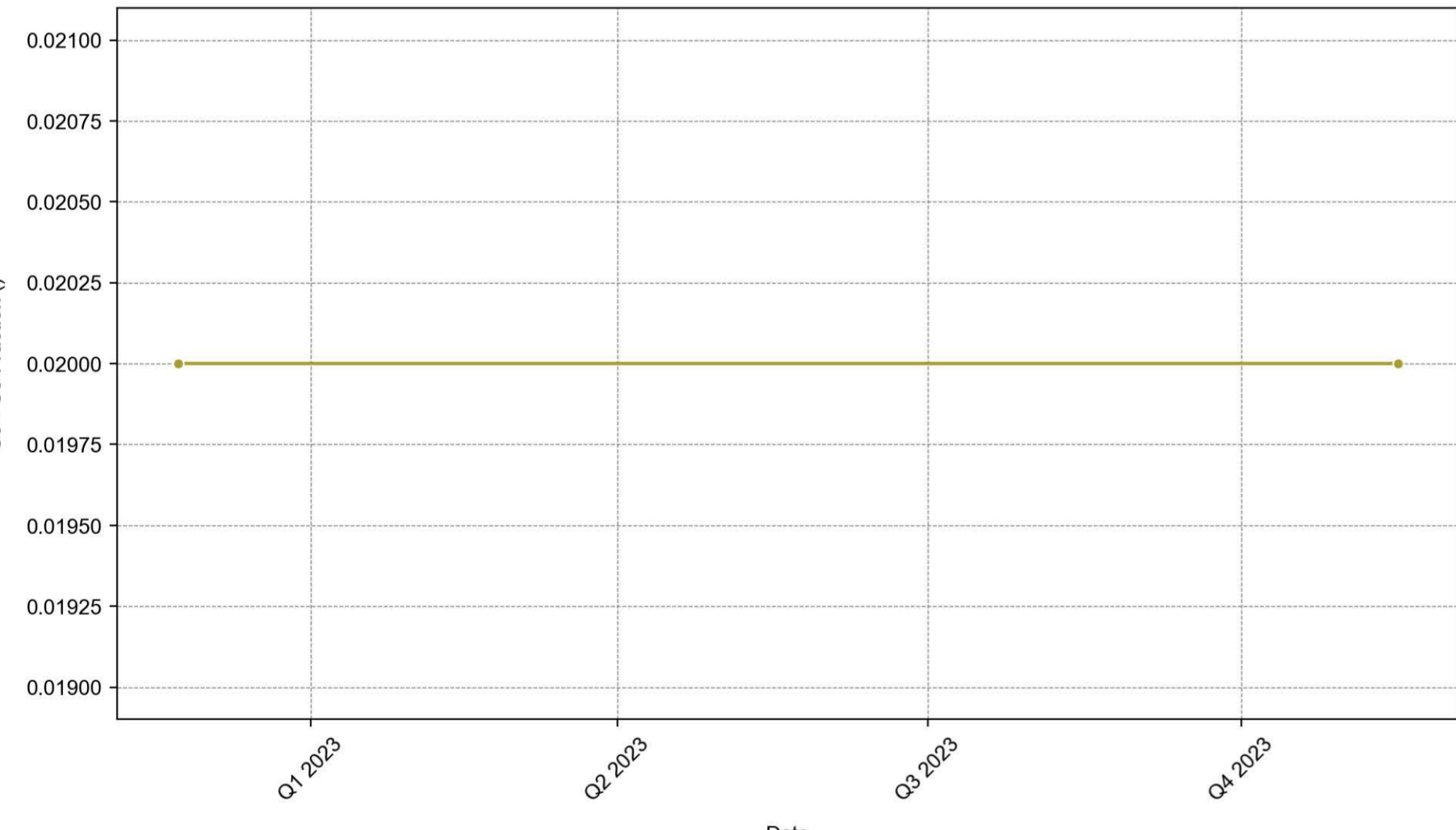
C6 - C10 Fraction



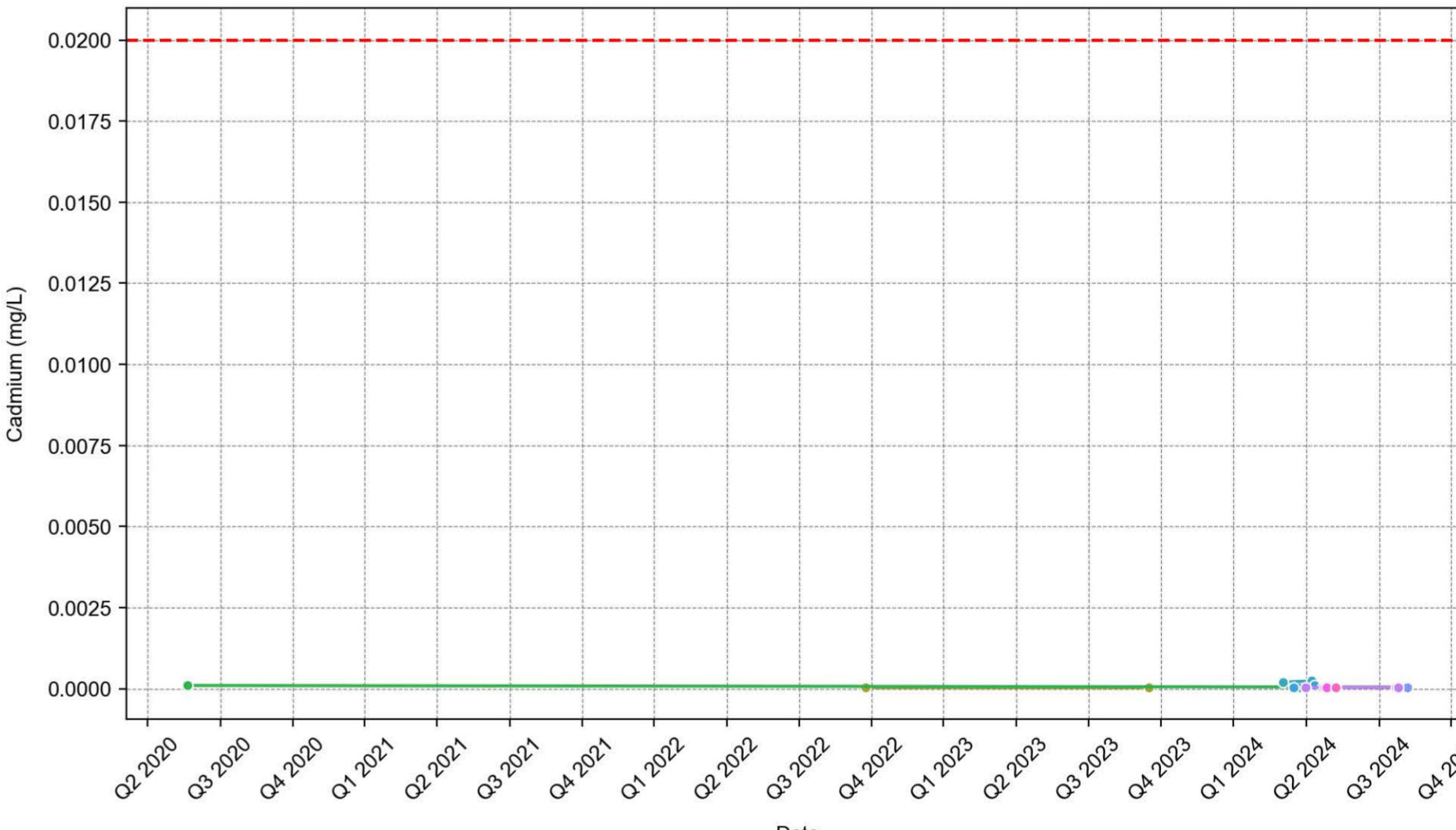
C6 - C10 Fraction minus BTEX (F1)



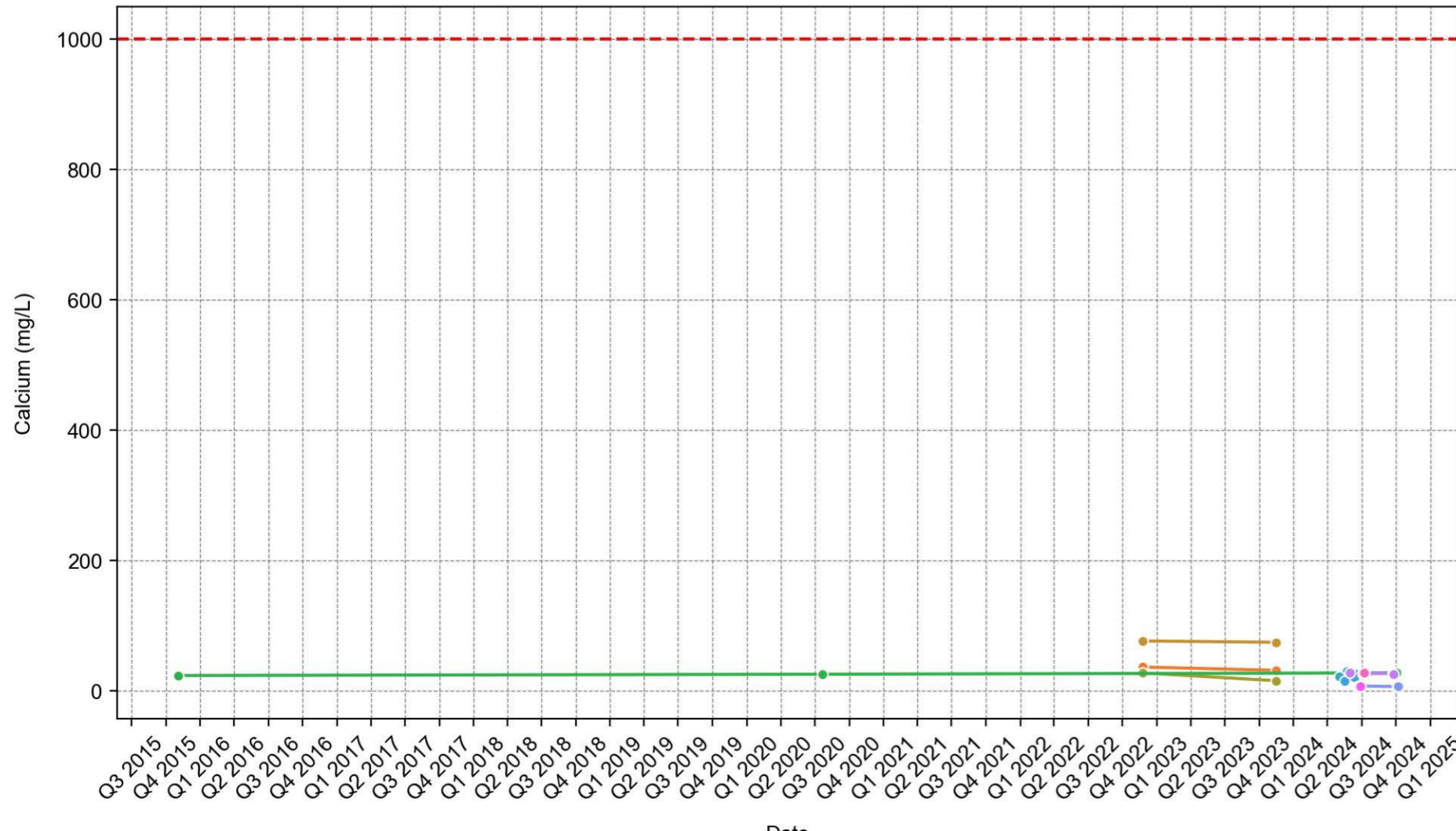
C6 - C9 Fraction



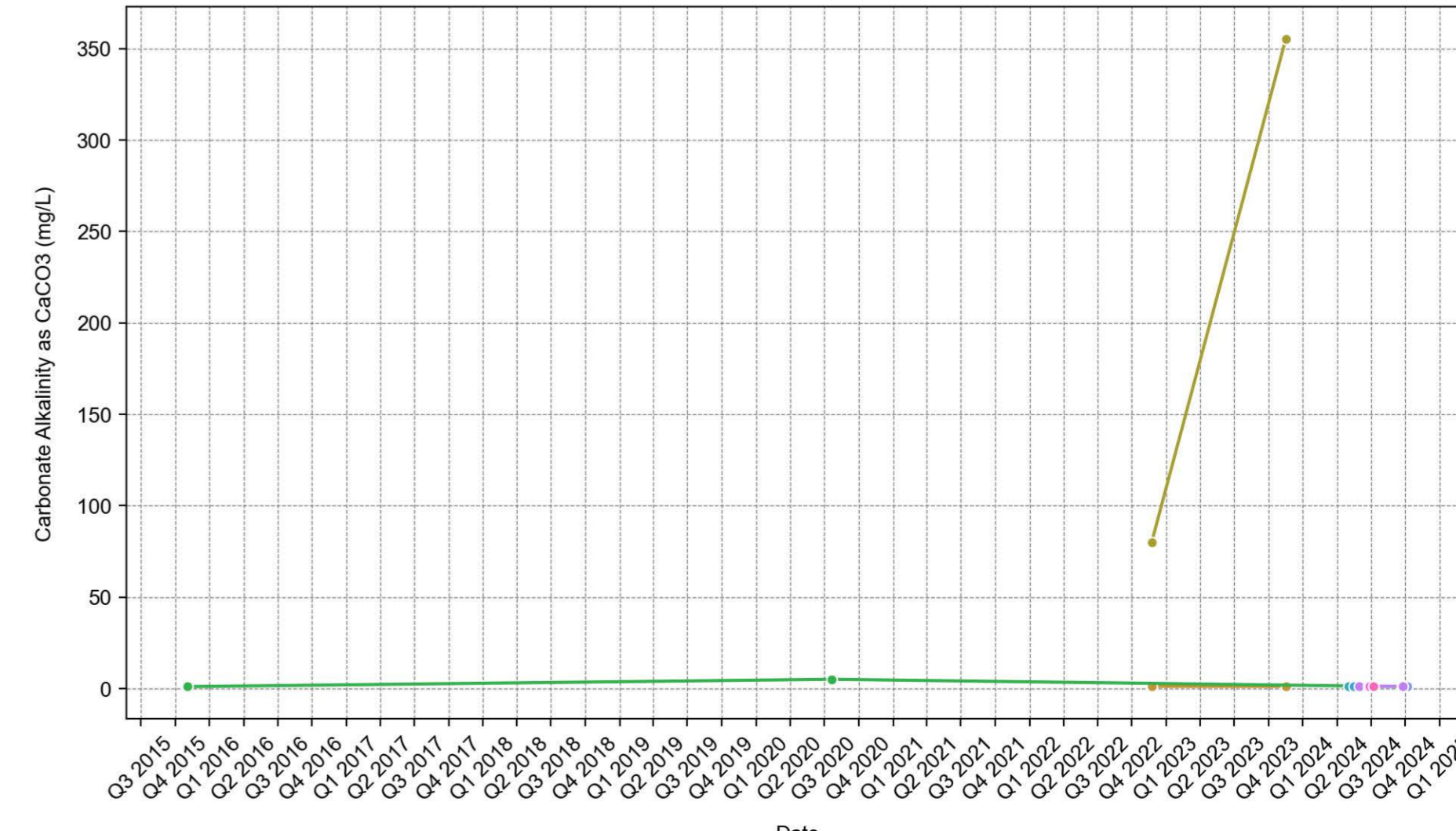
Cadmium



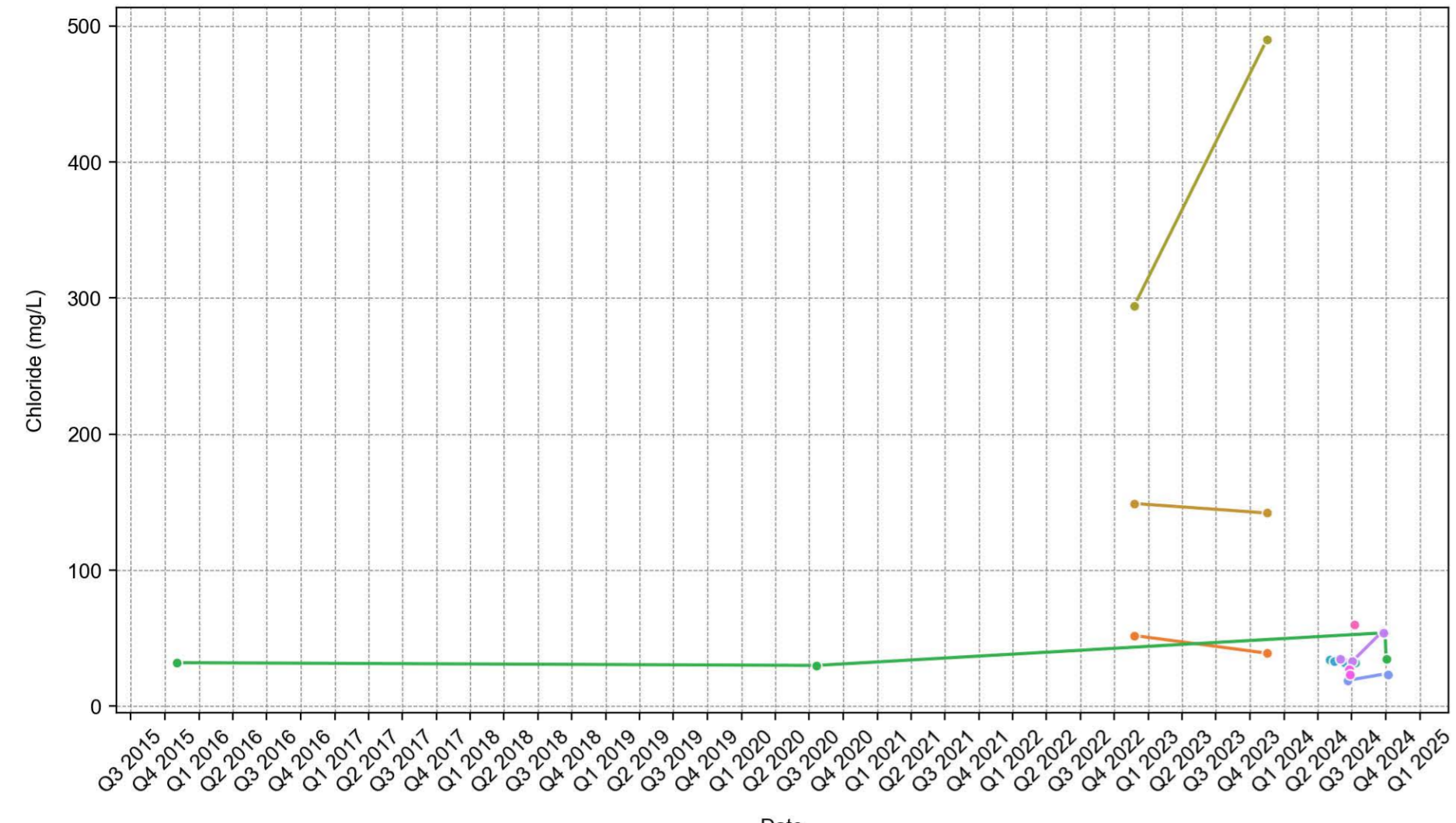
Calcium



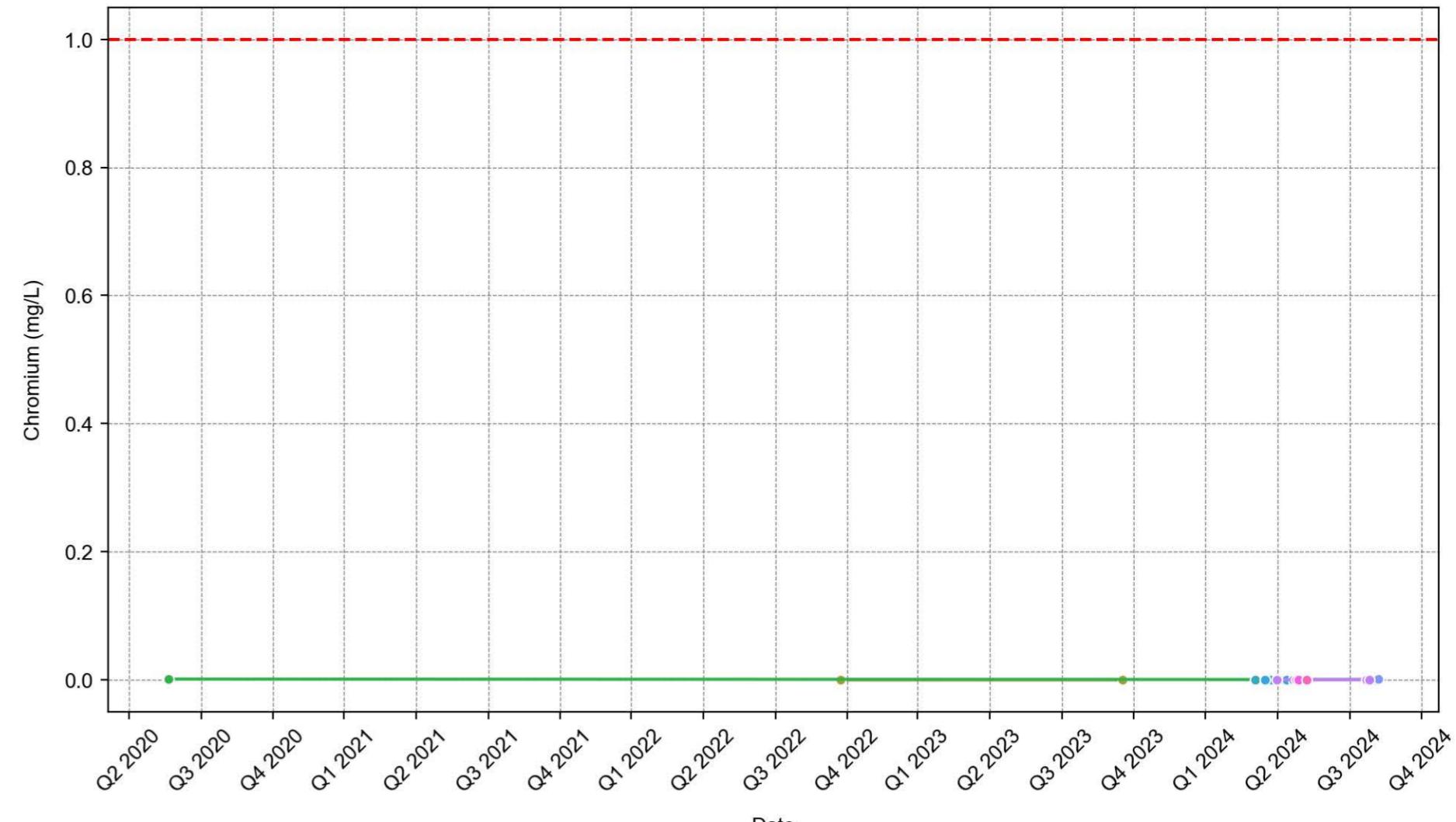
Carbonate Alkalinity as CaCO3



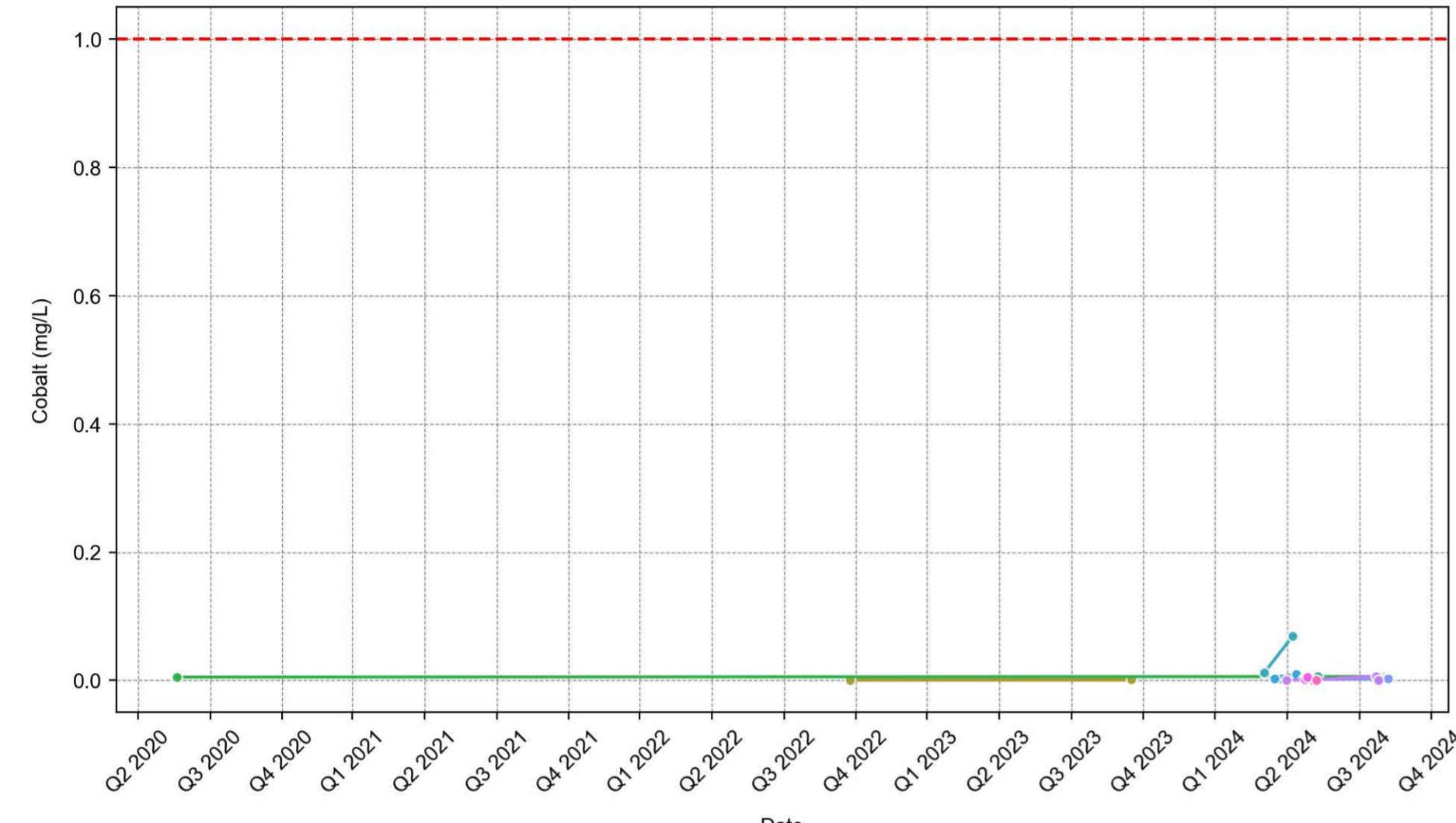
Chloride



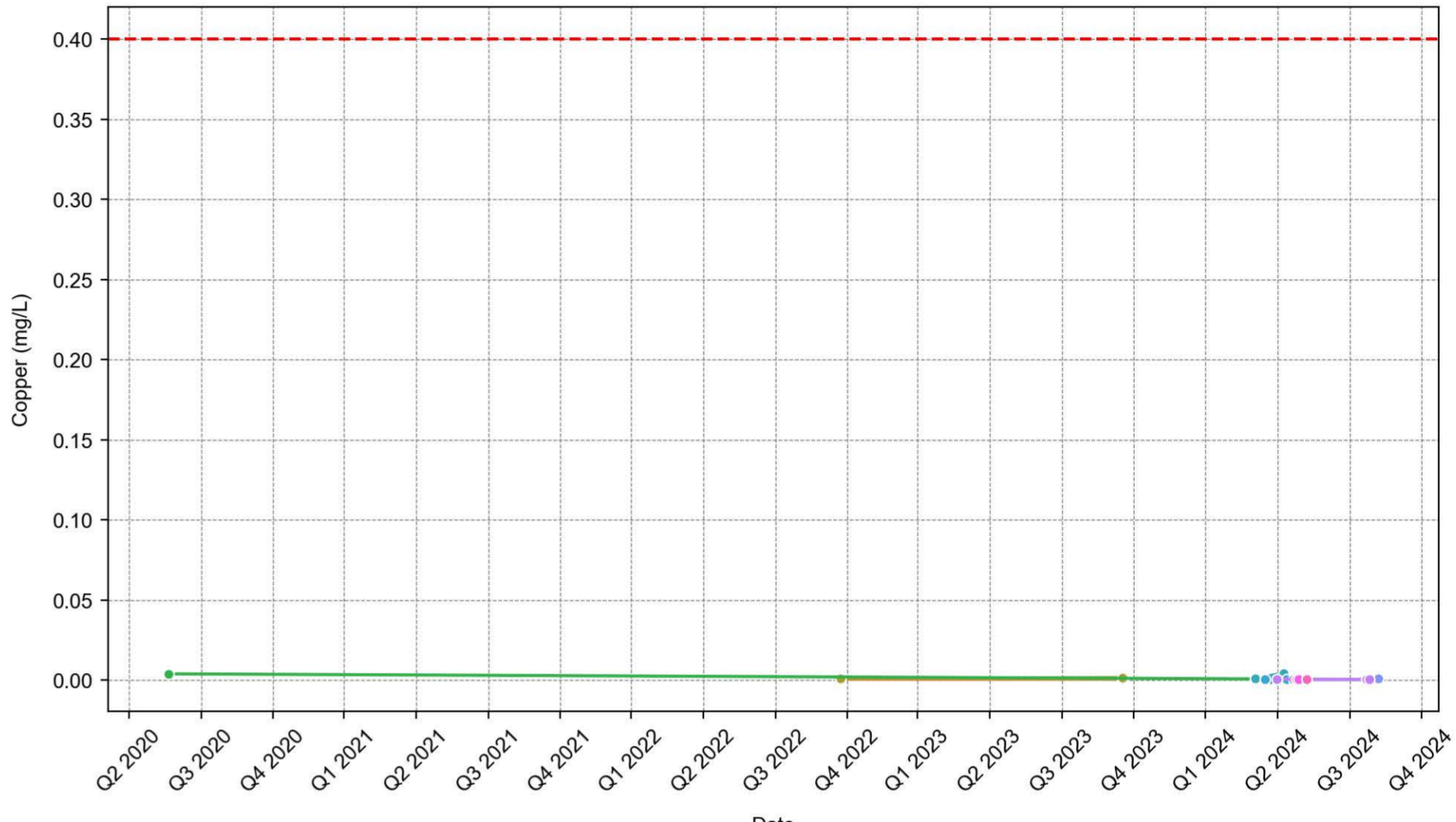
Chromium



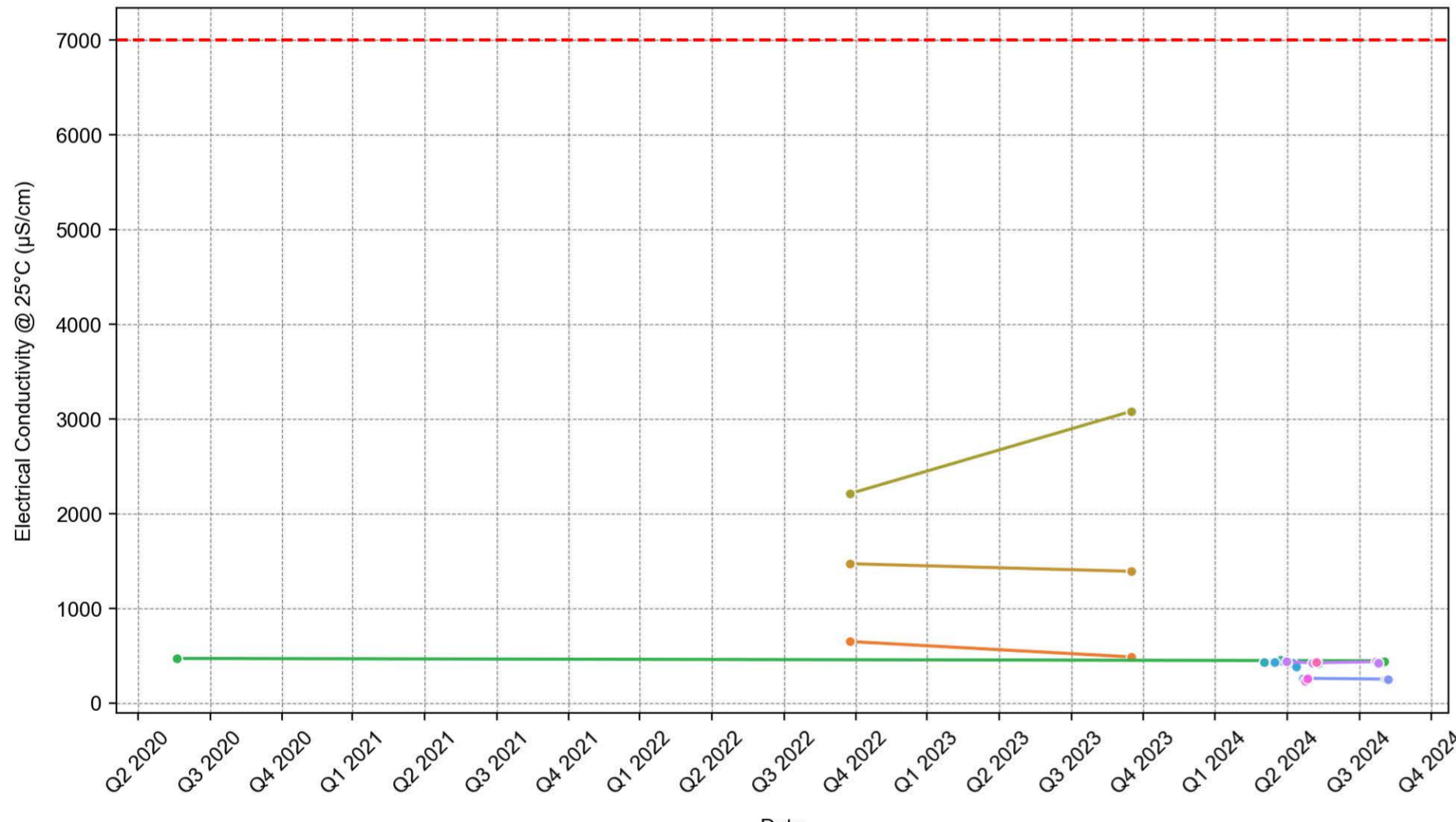
Cobalt



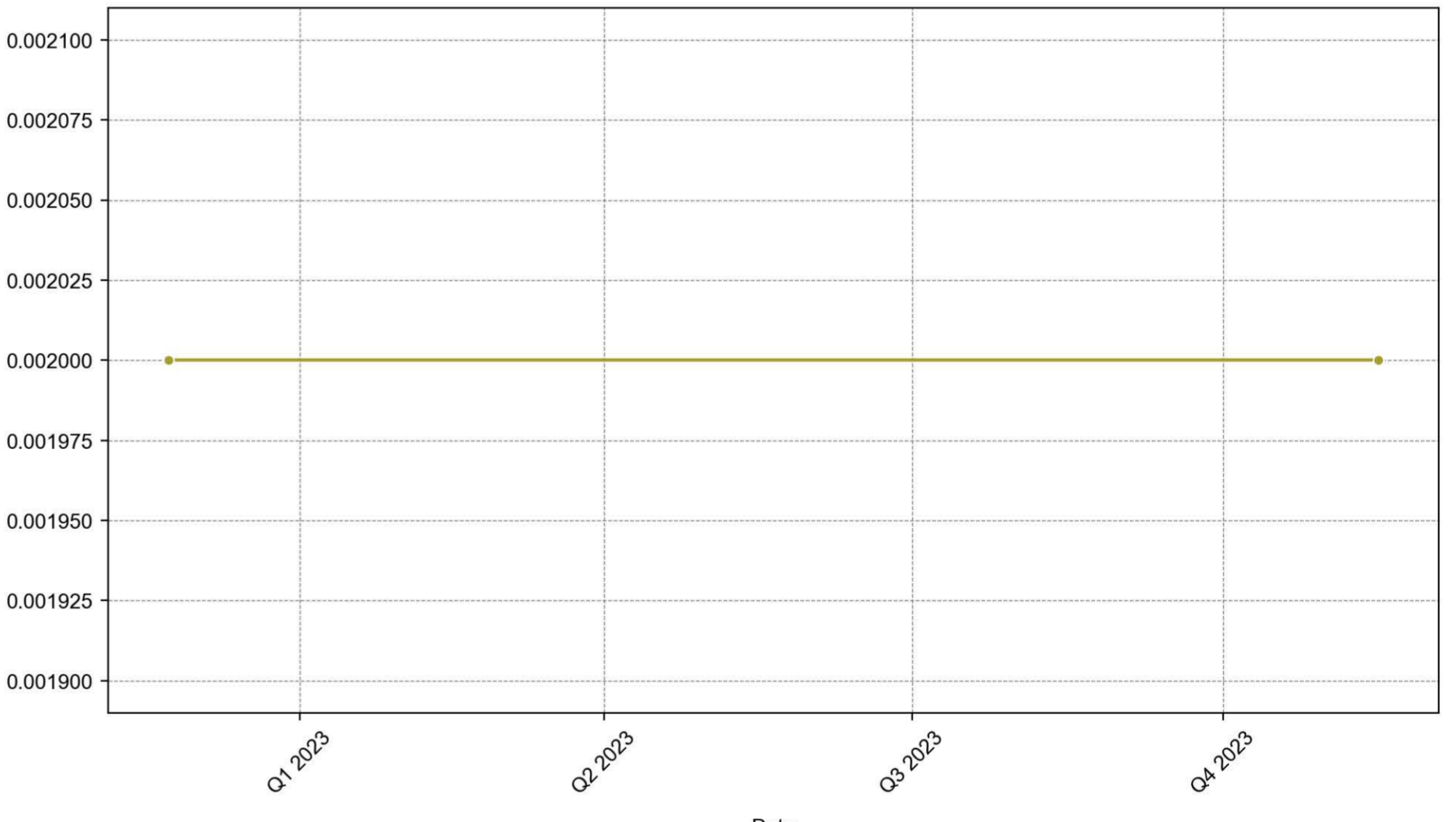
Copper



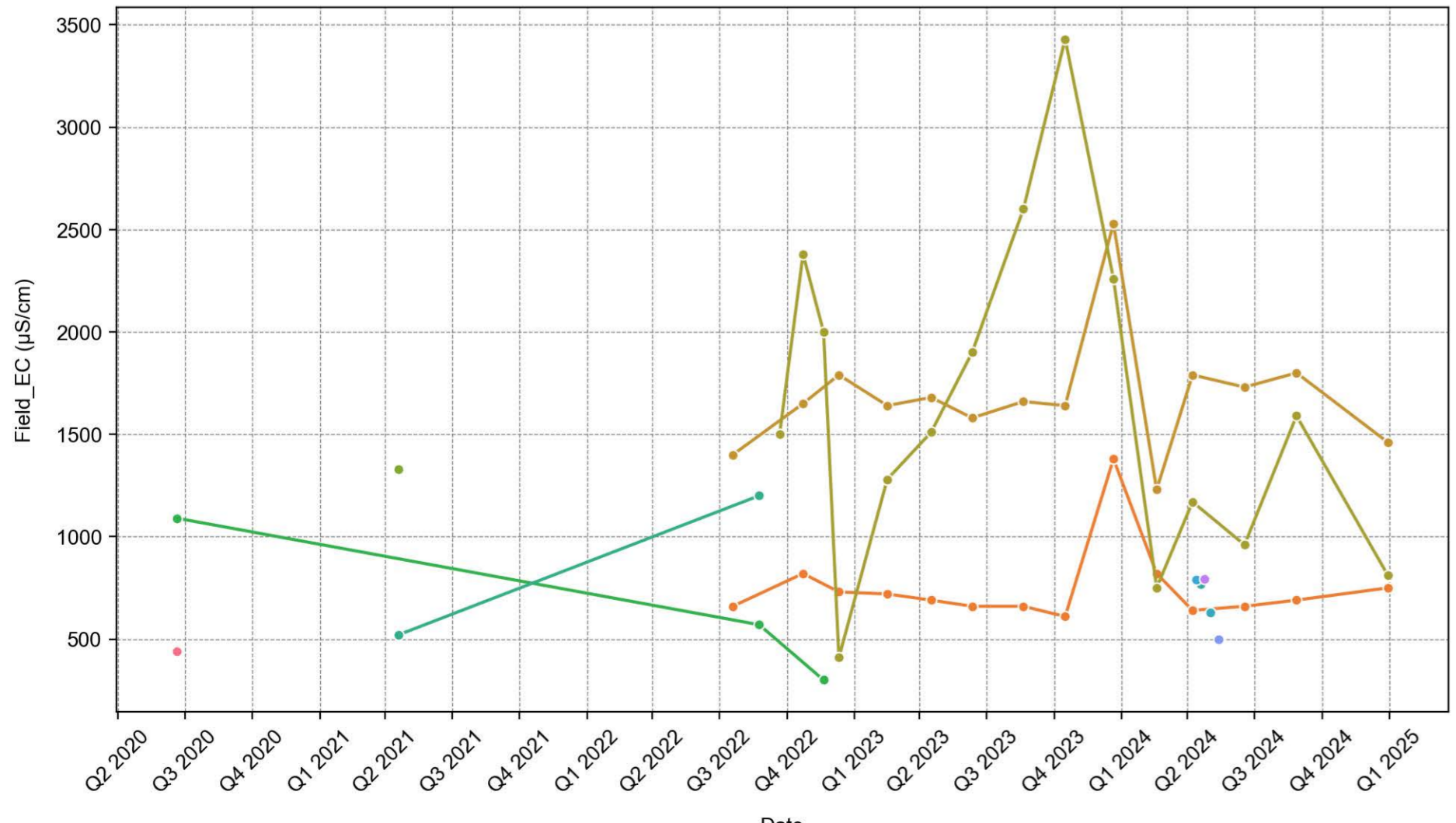
Electrical Conductivity @ 25°C



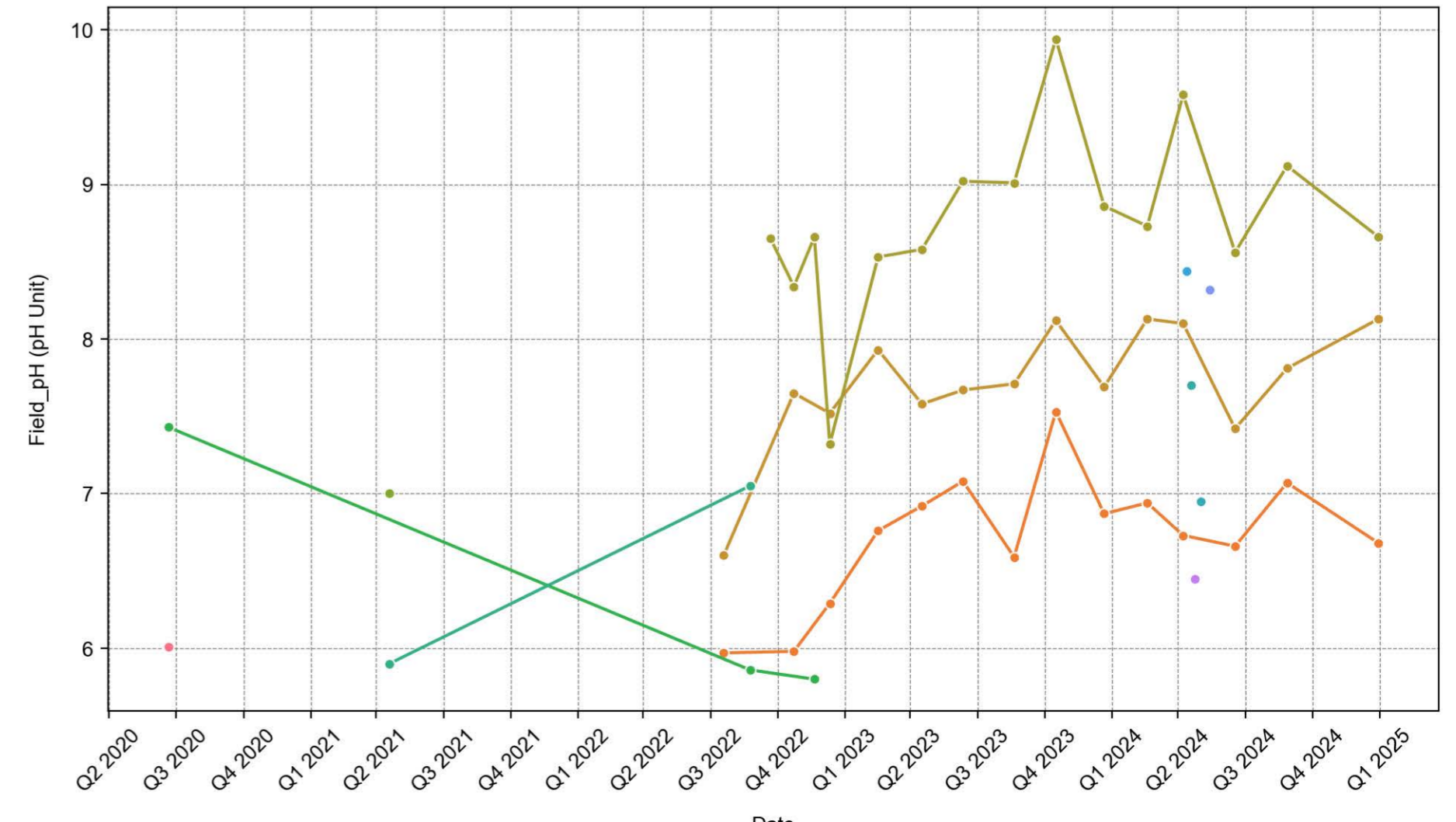
Ethylbenzene



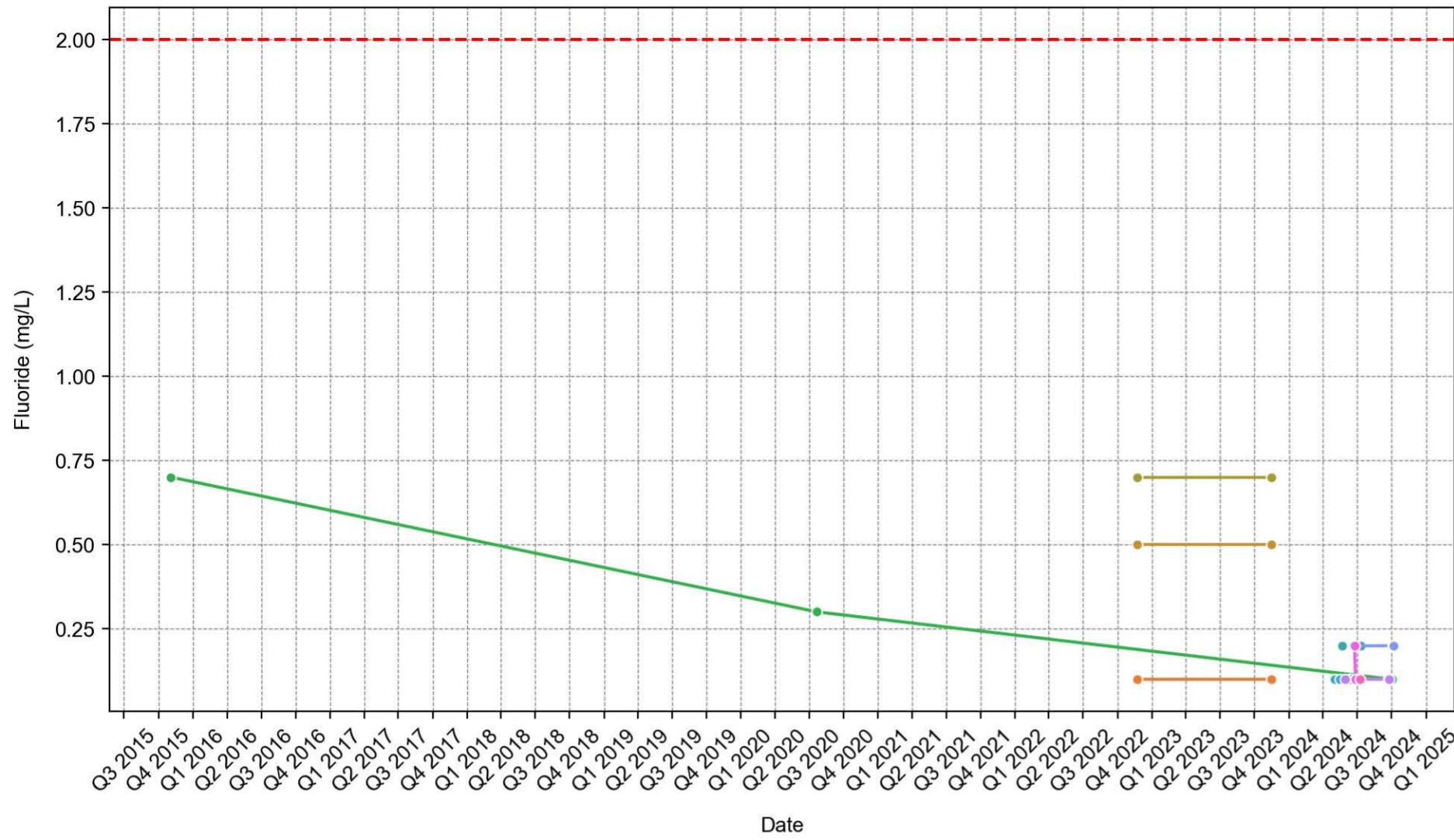
Field\_EC



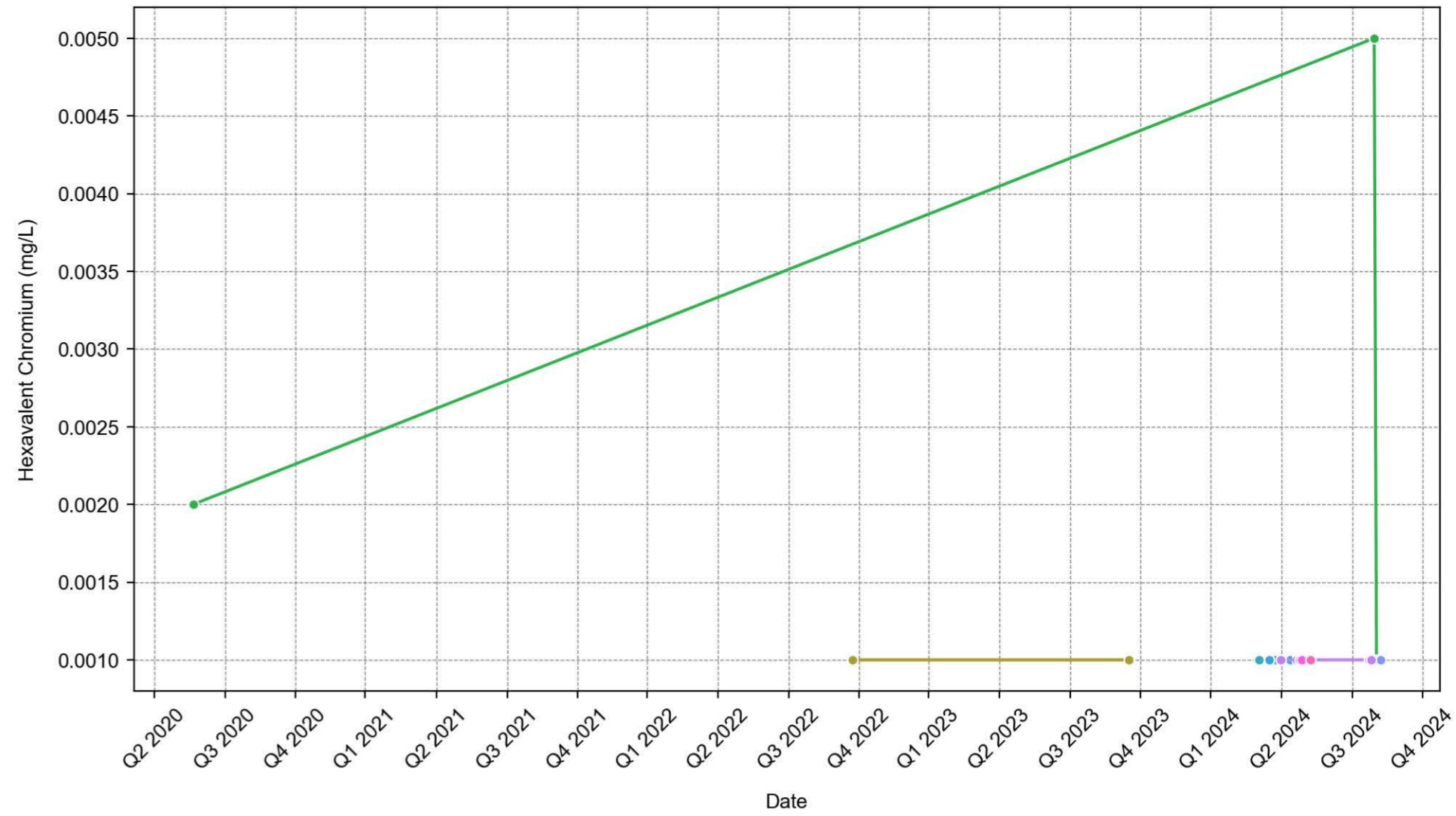
Field\_pH



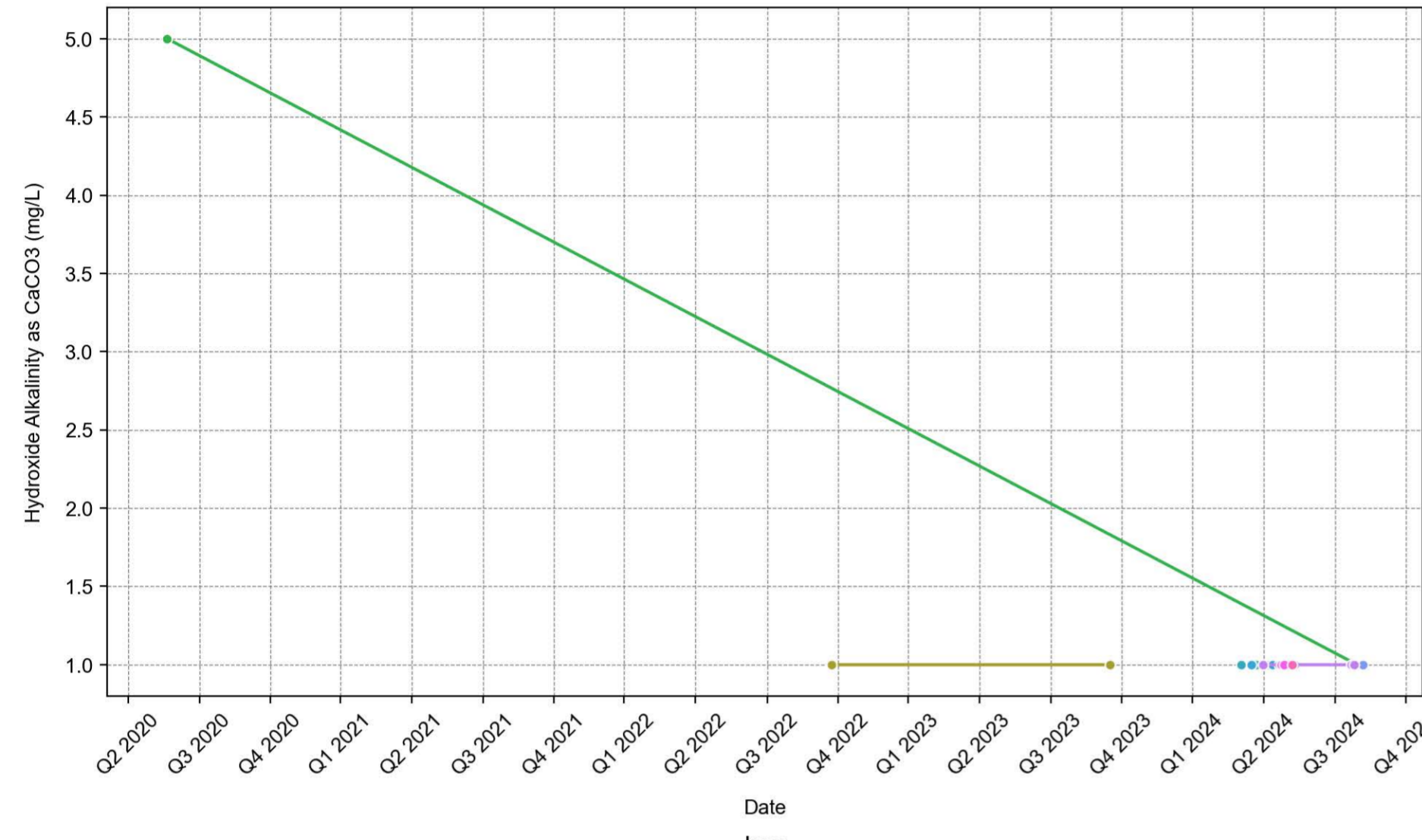
Fluoride



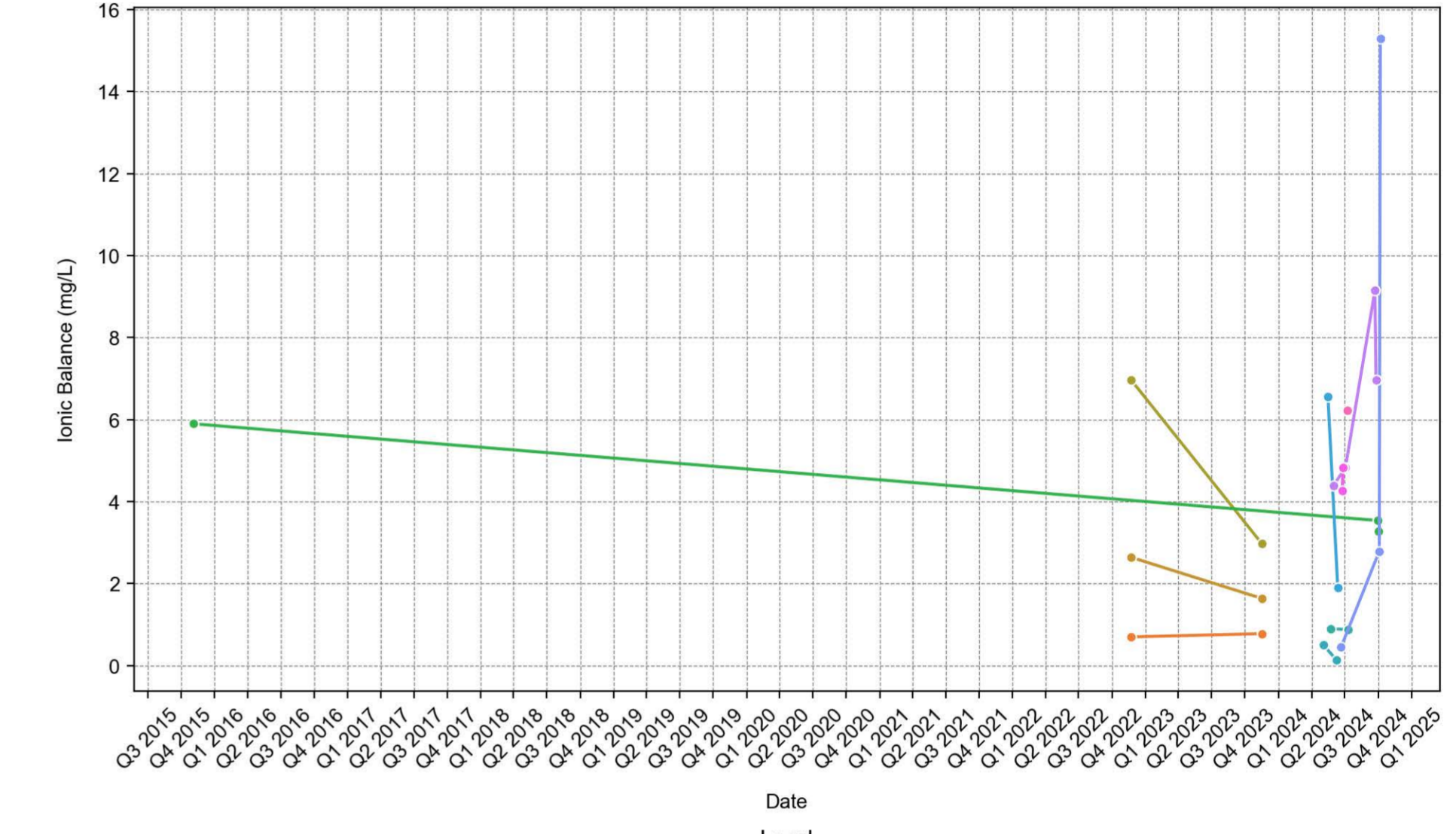
Hexavalent Chromium



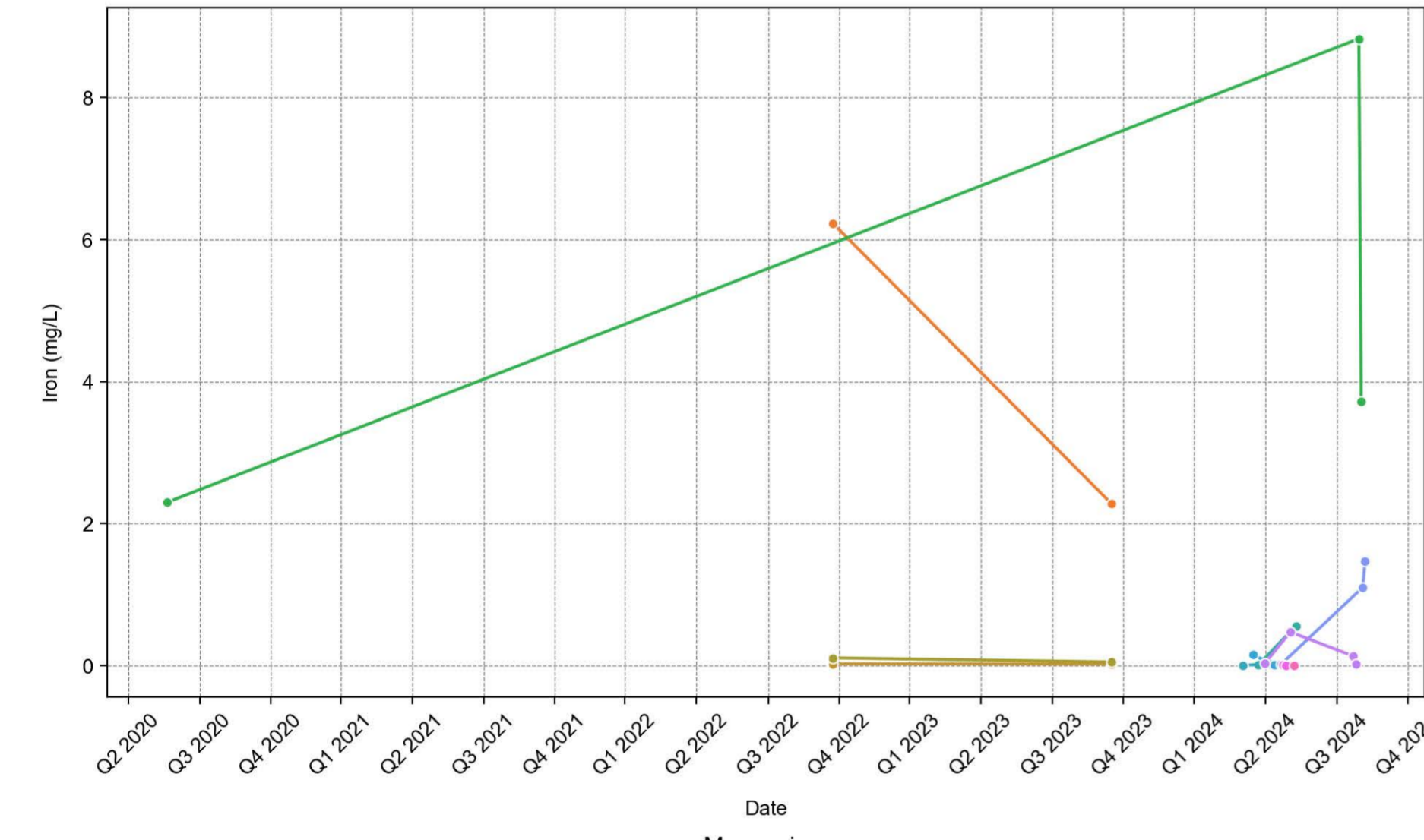
Hydroxide Alkalinity as CaCO3



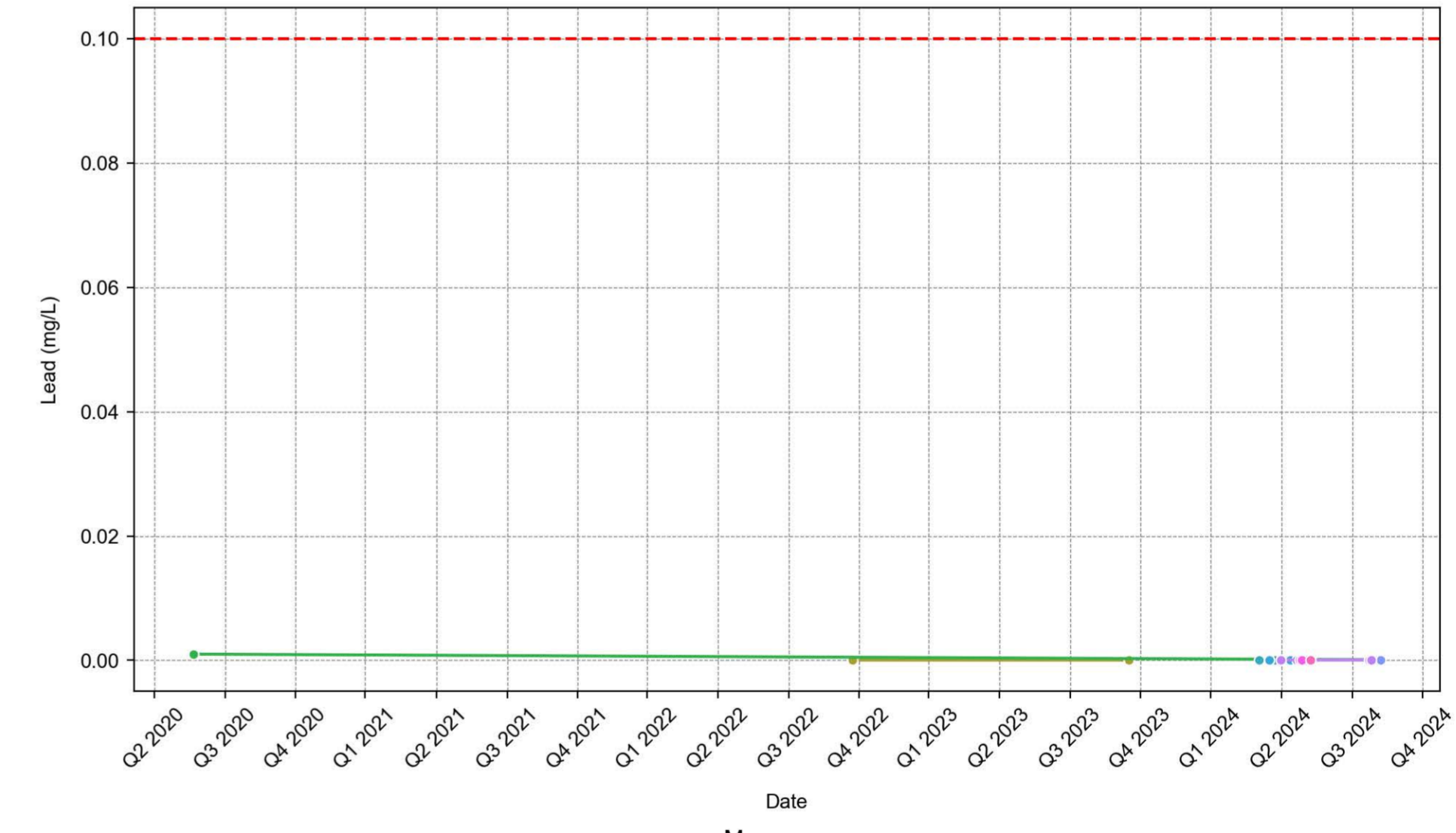
Ionic Balance



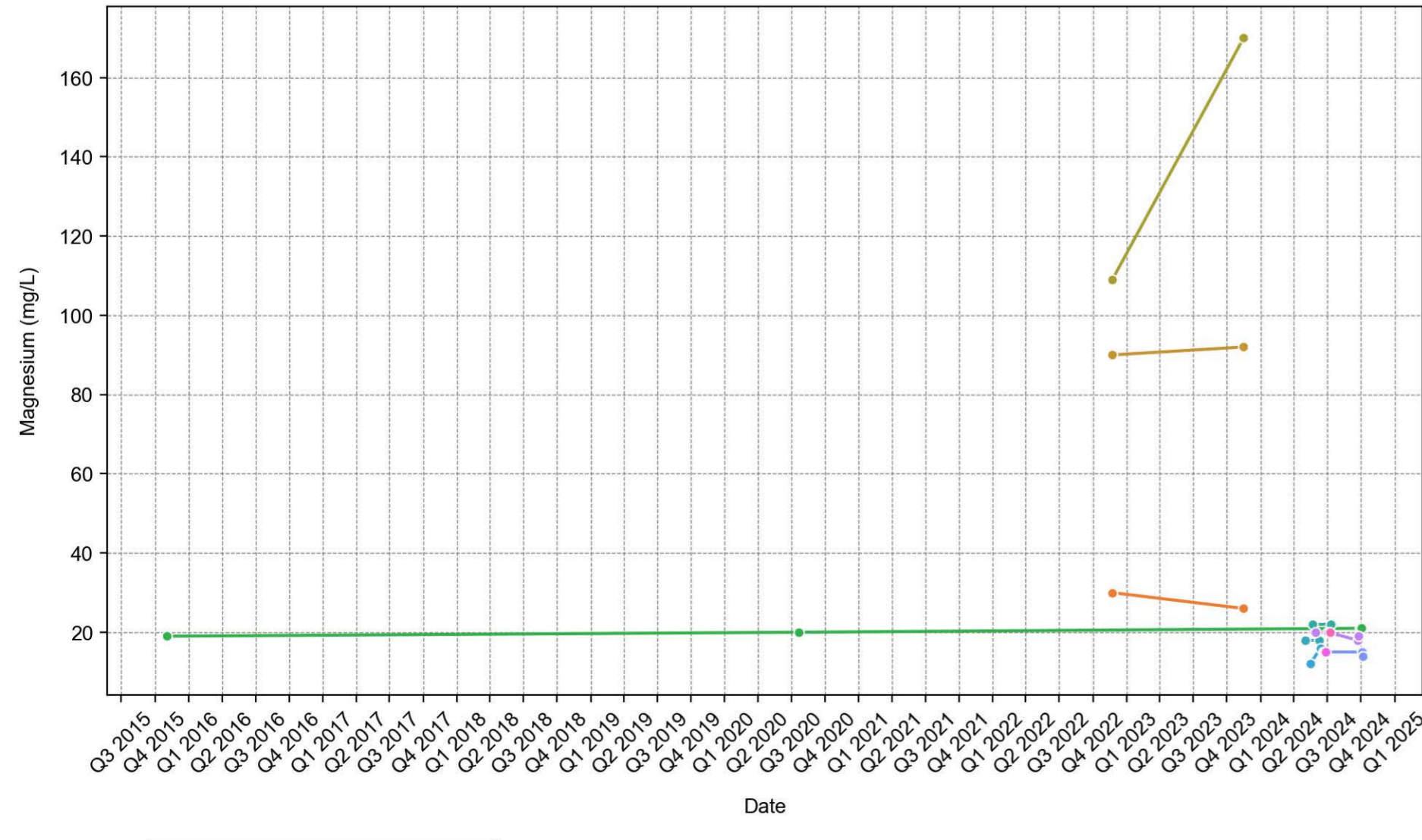
Iron



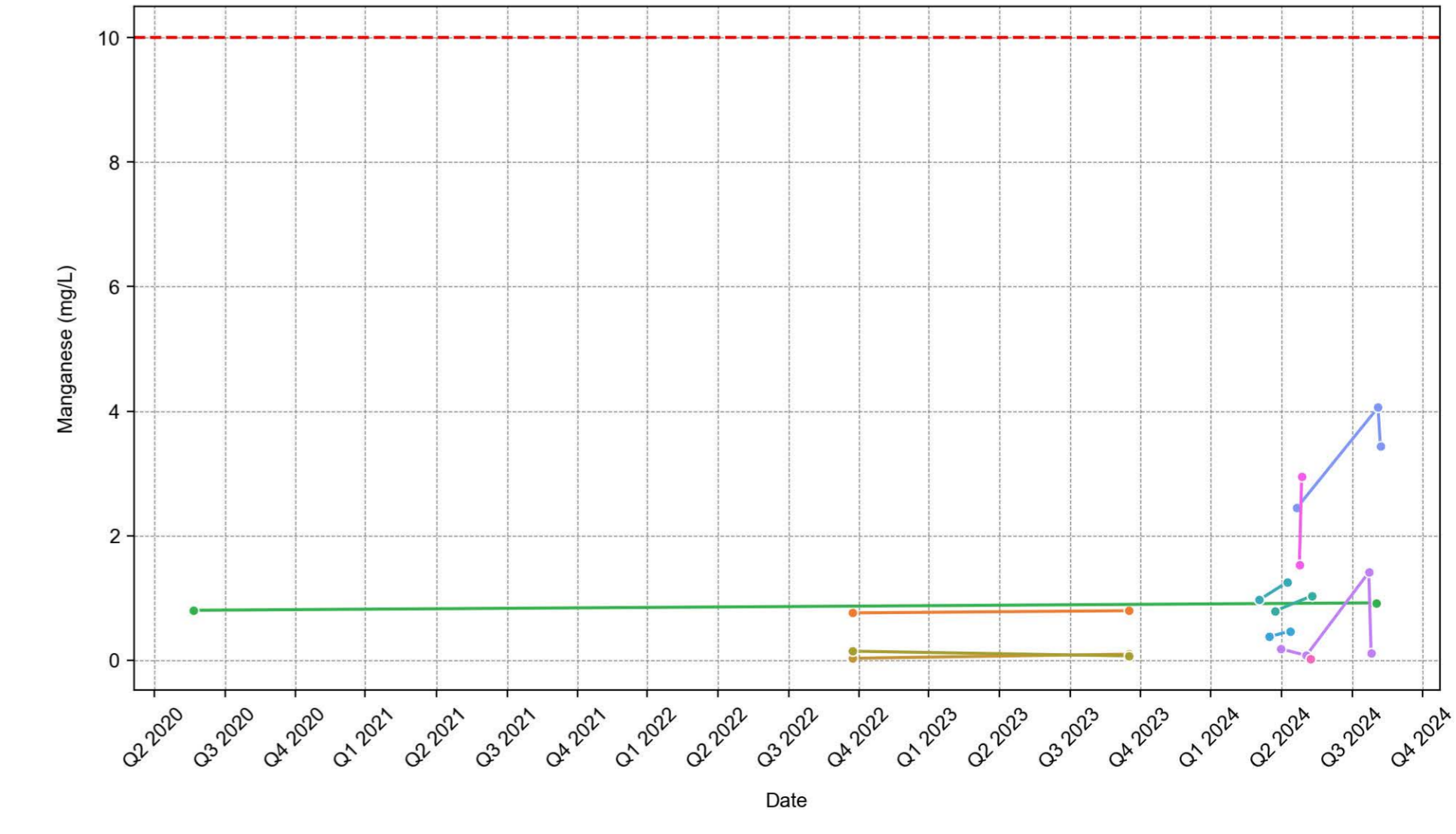
Lead



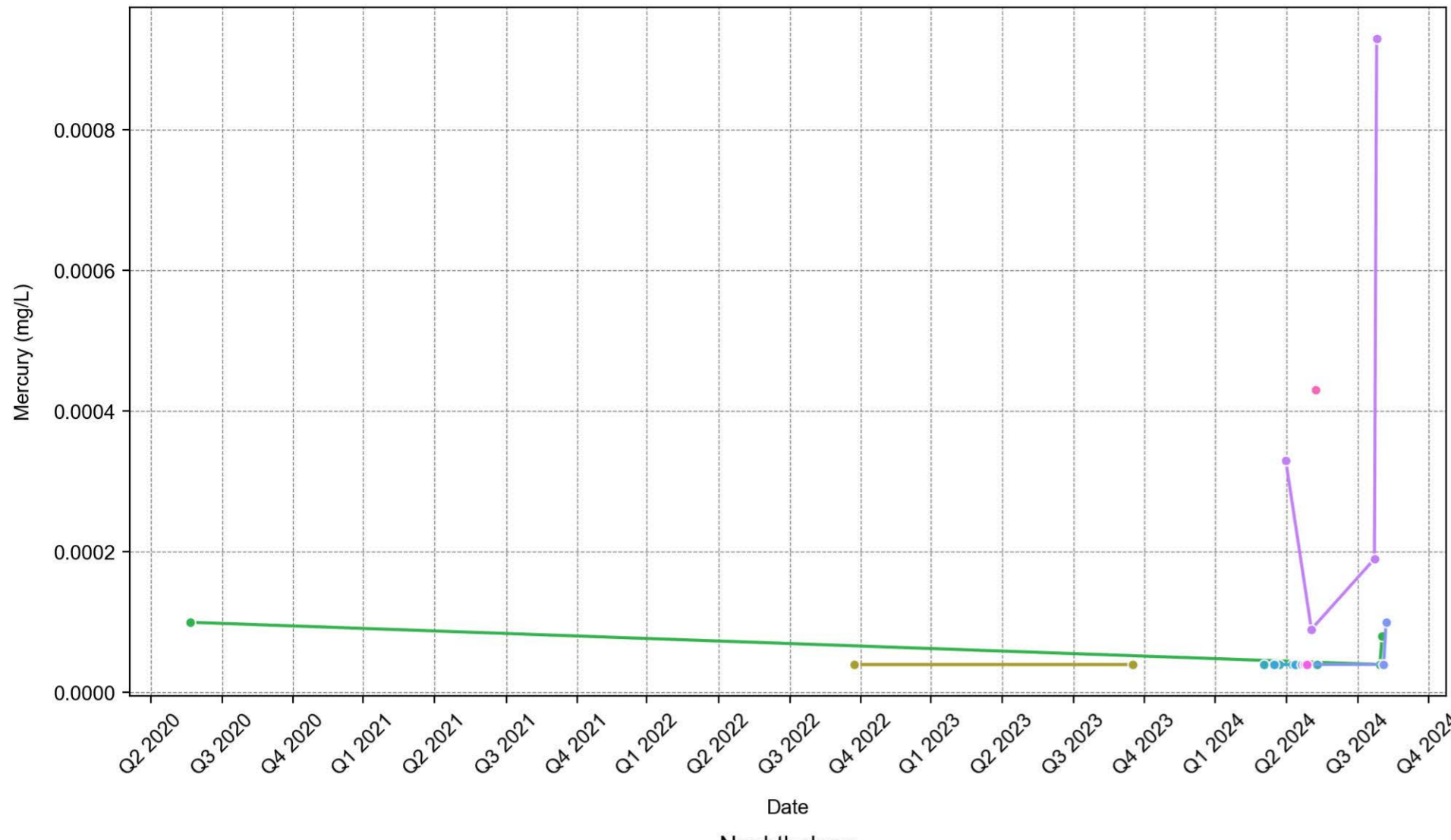
Magnesium



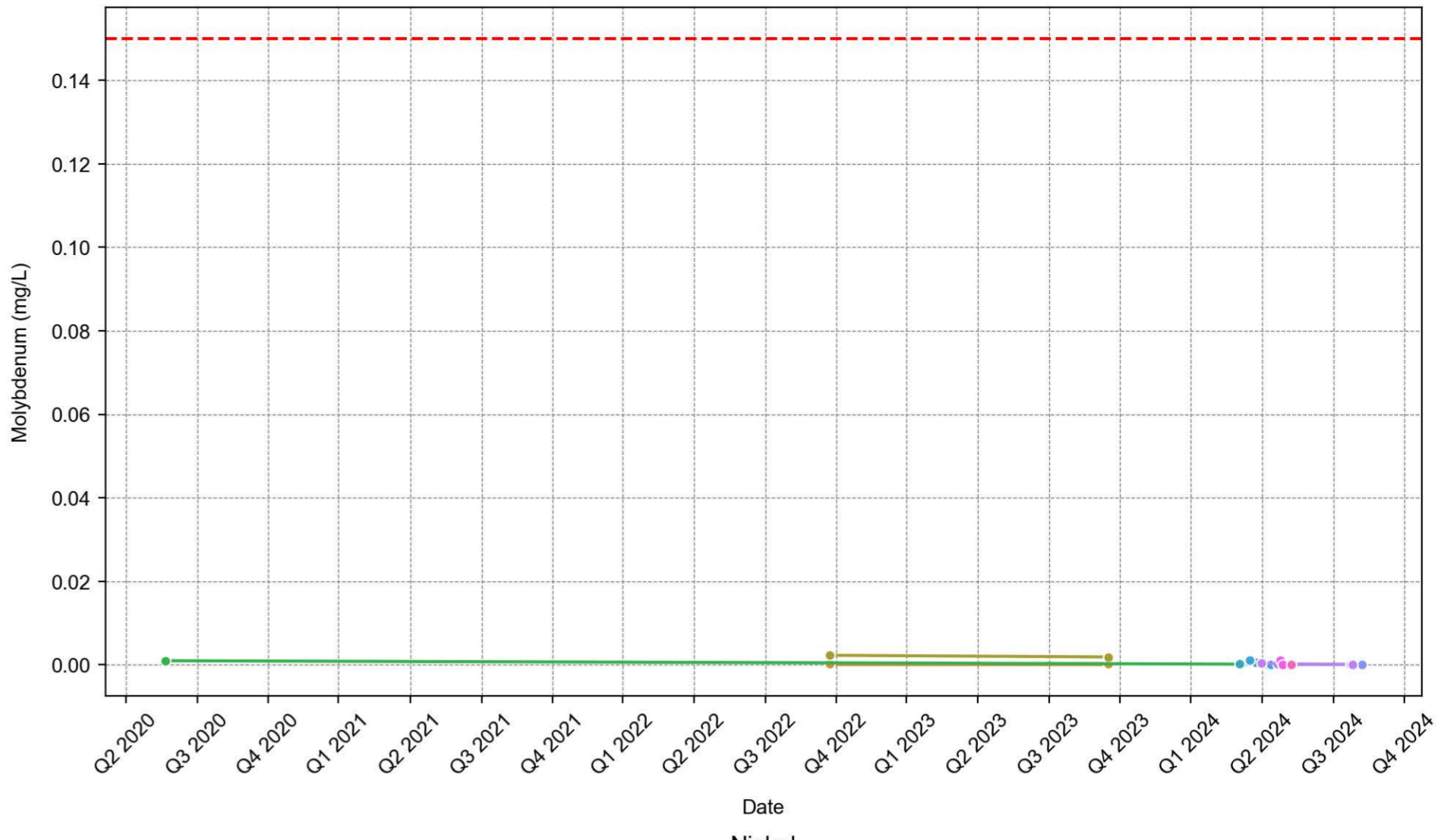
Manganese



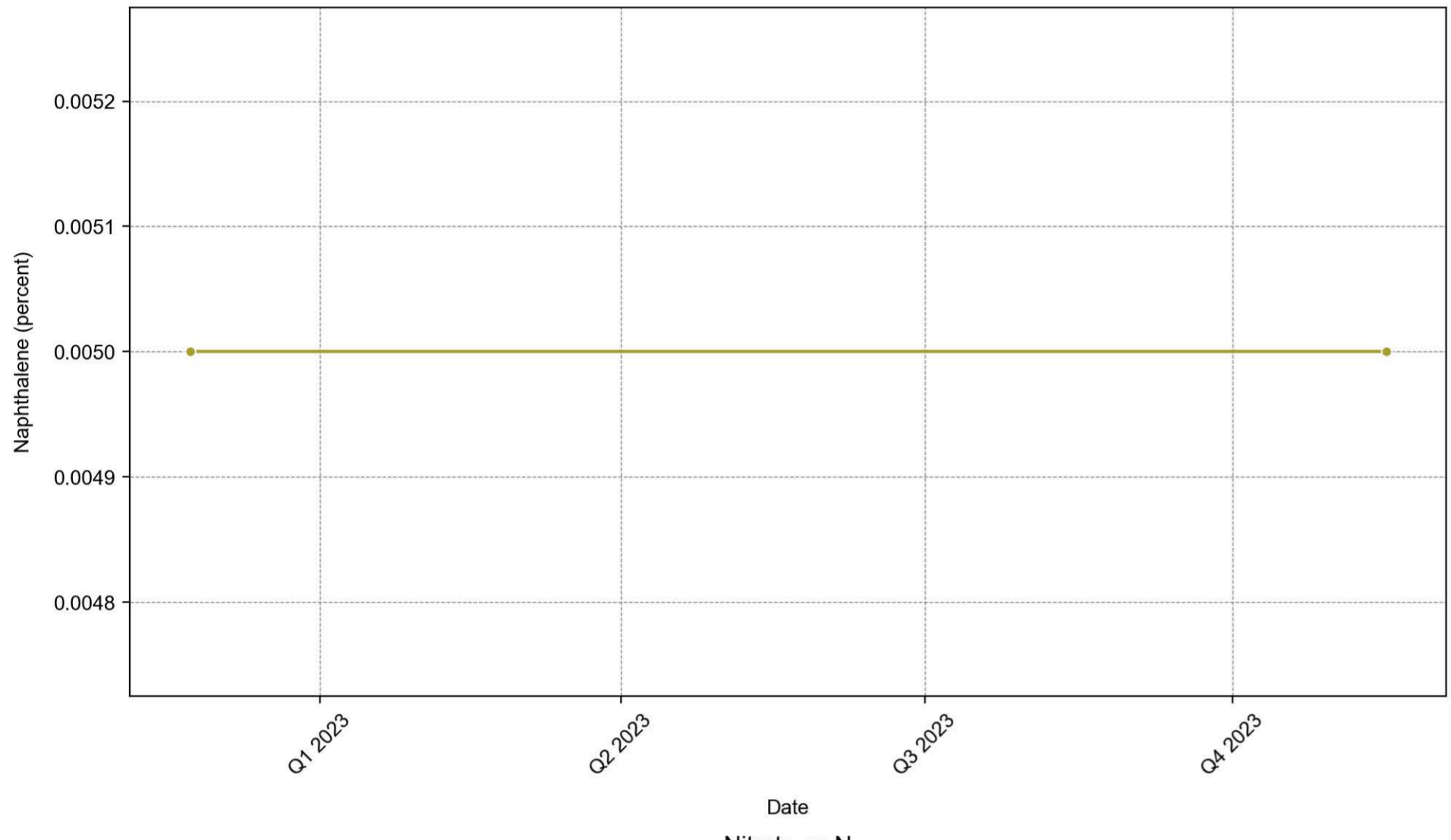
Mercury



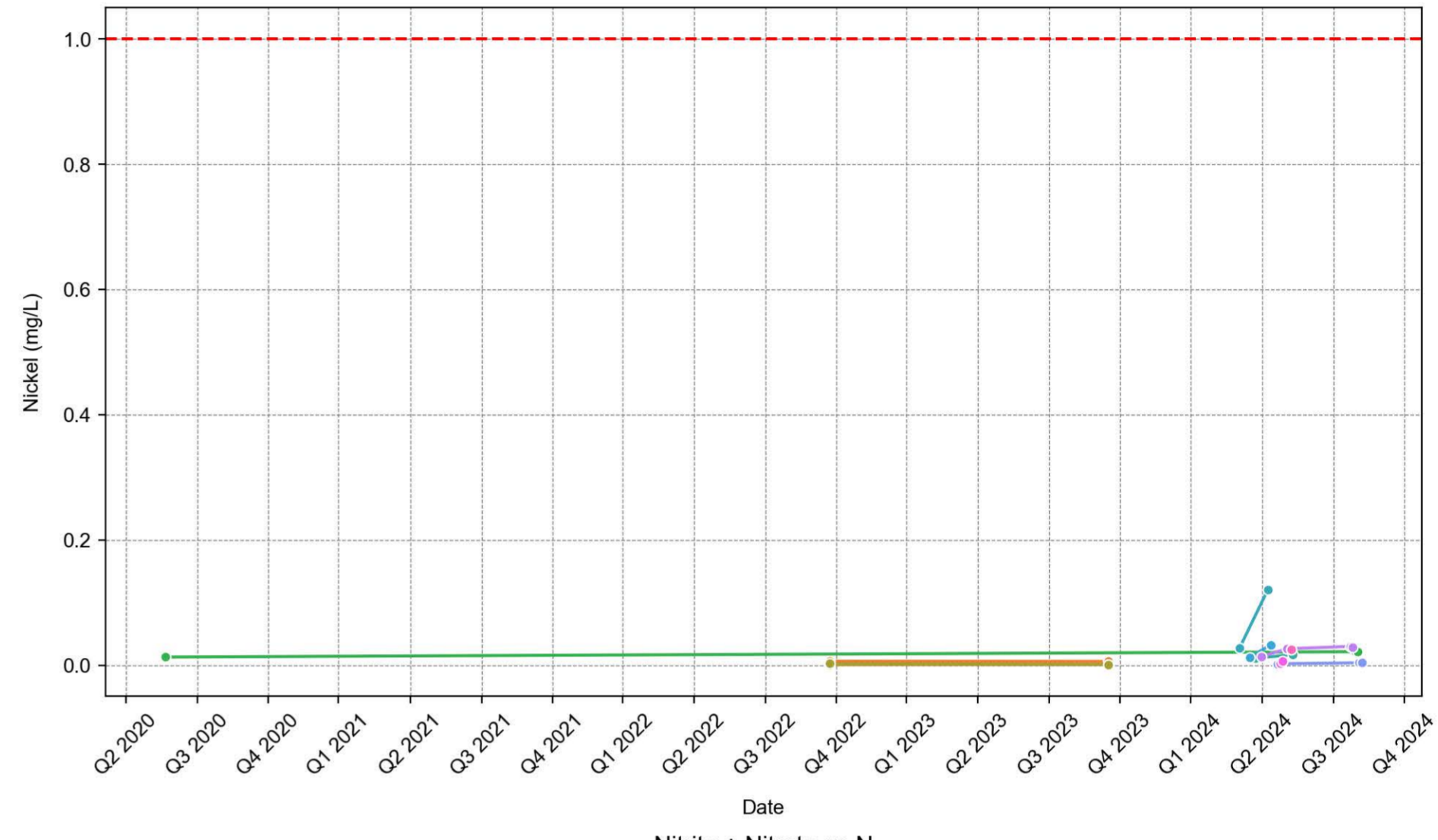
Molybdenum



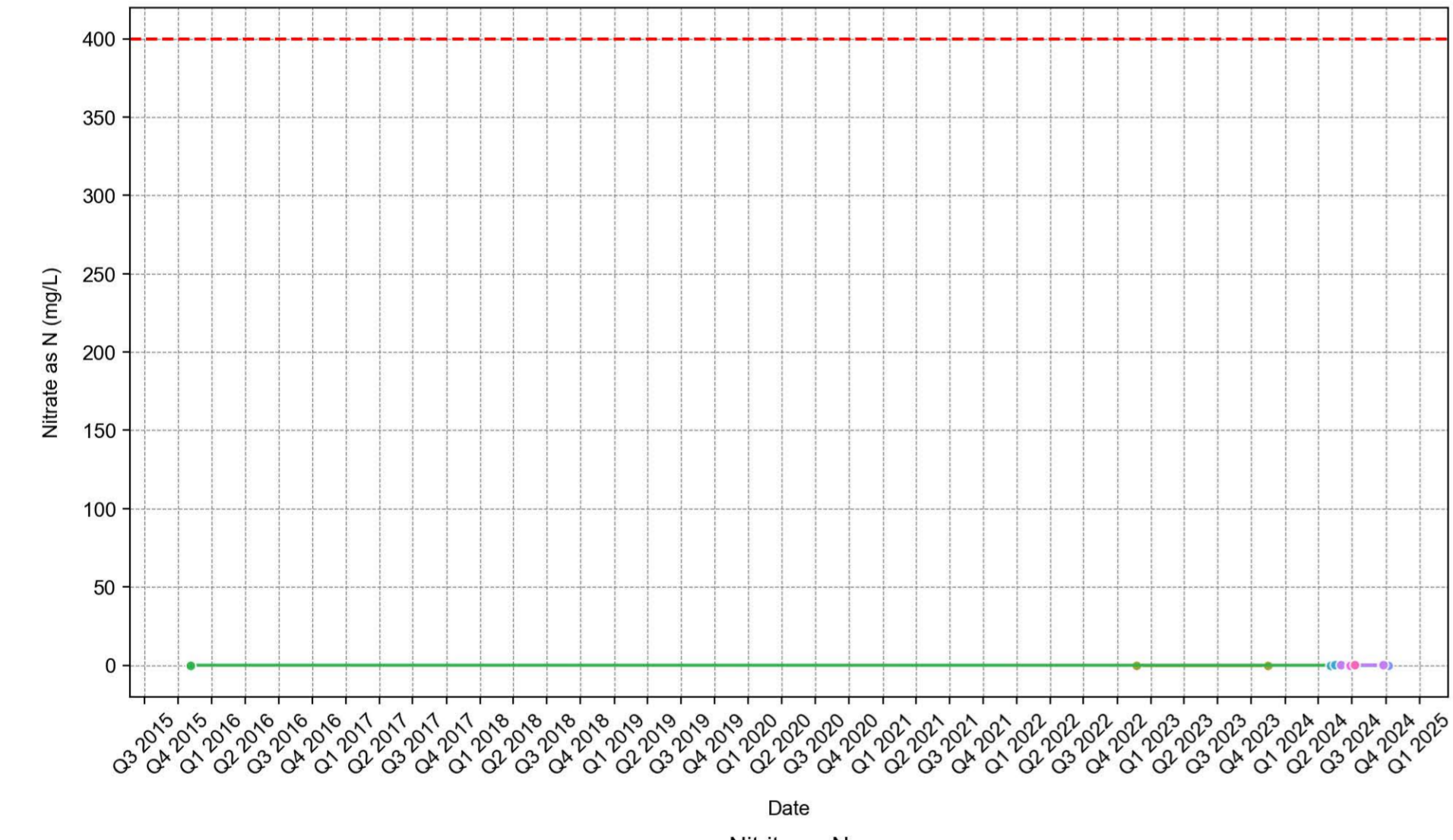
Naphthalene



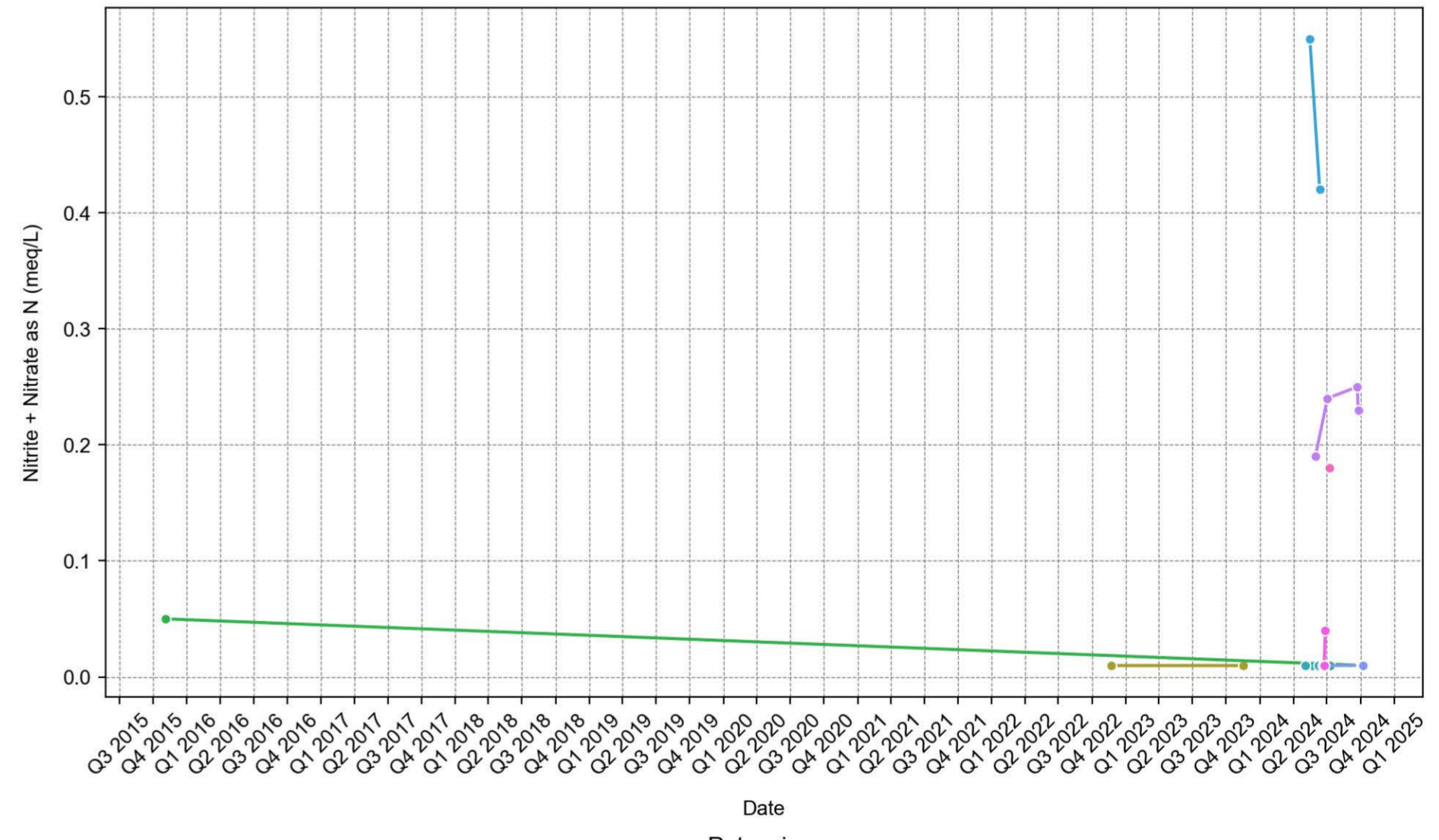
Nickel



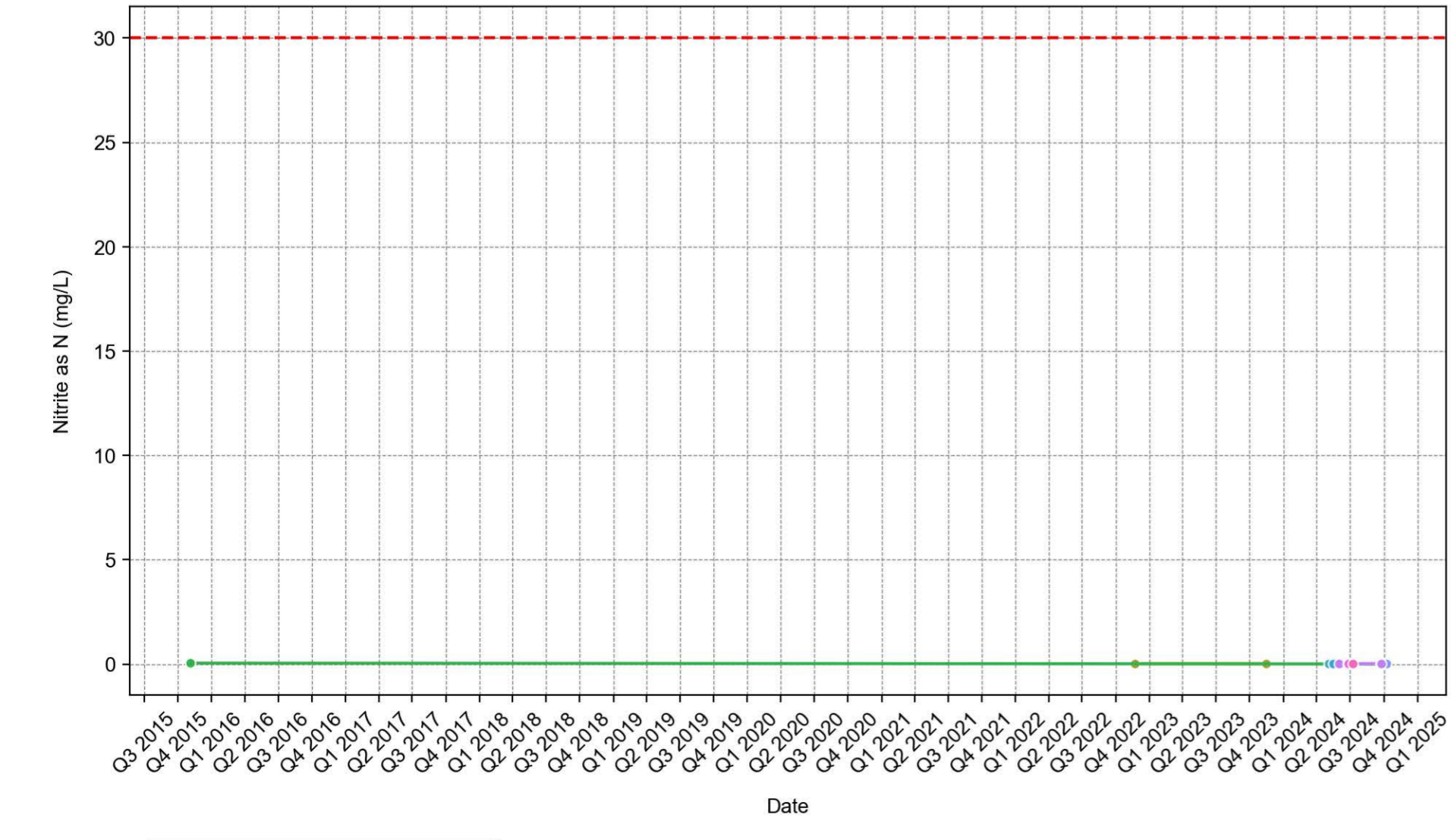
Nitrate as N



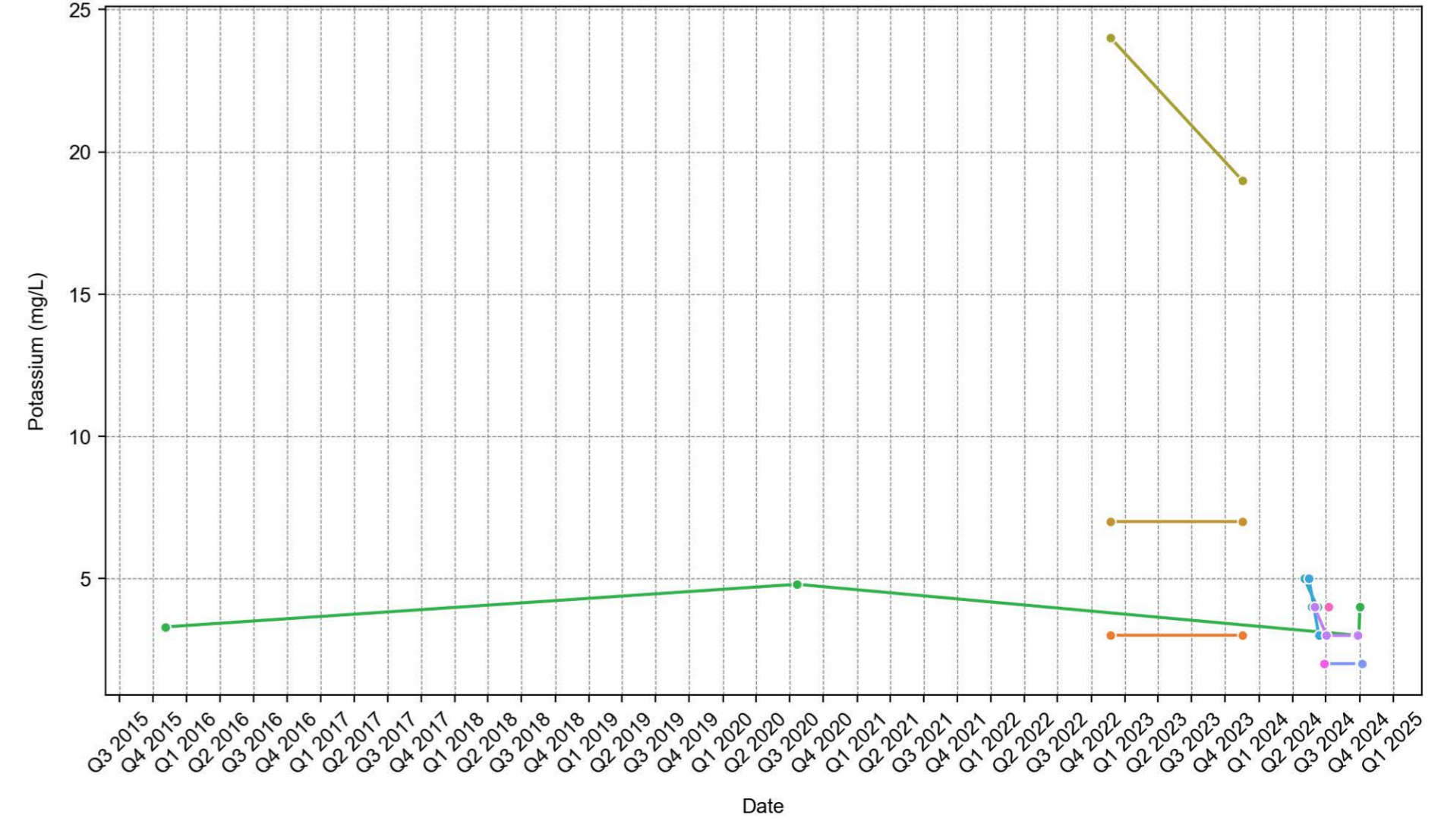
Nitrite + Nitrate as N



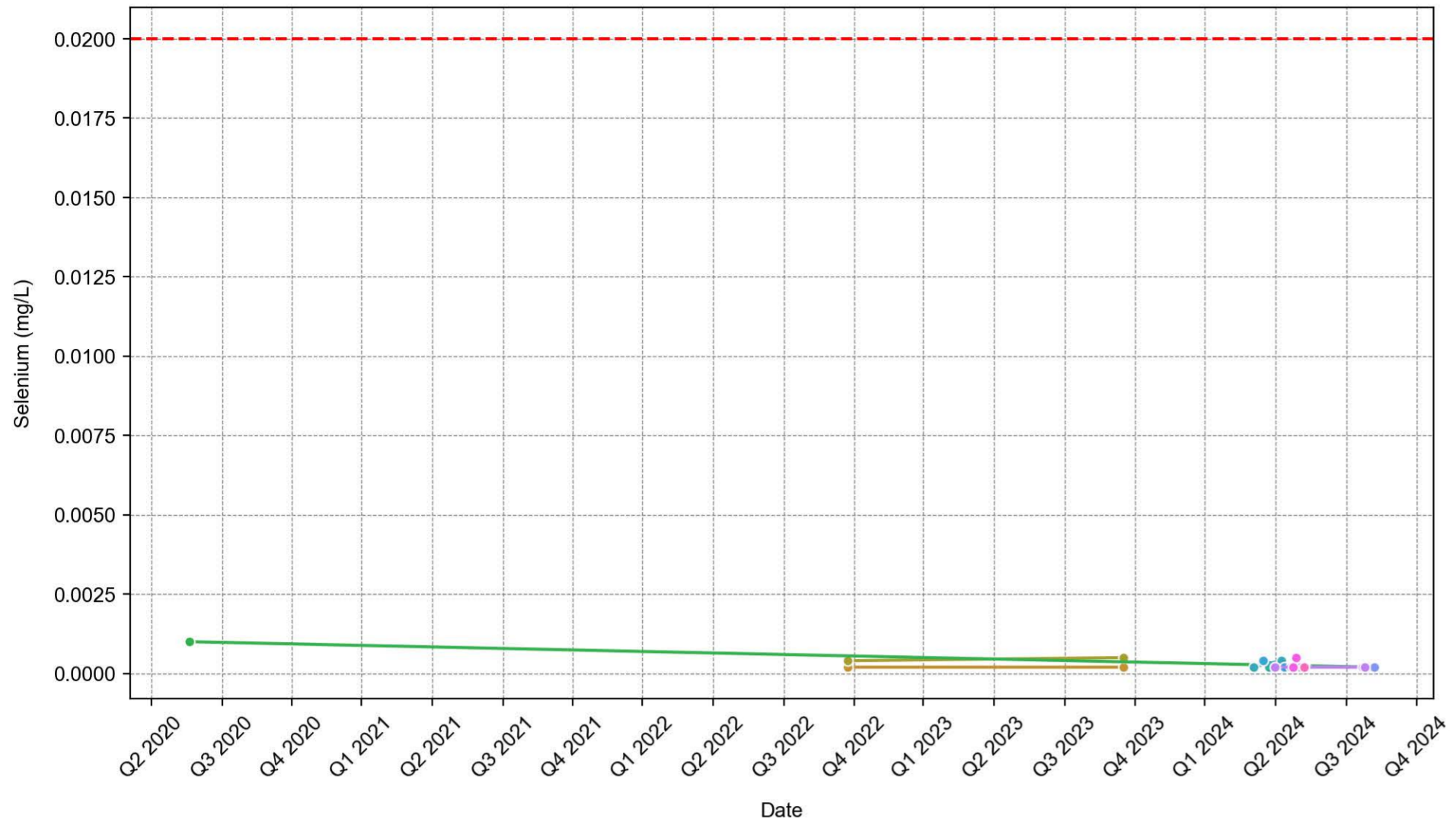
Nitrite as N



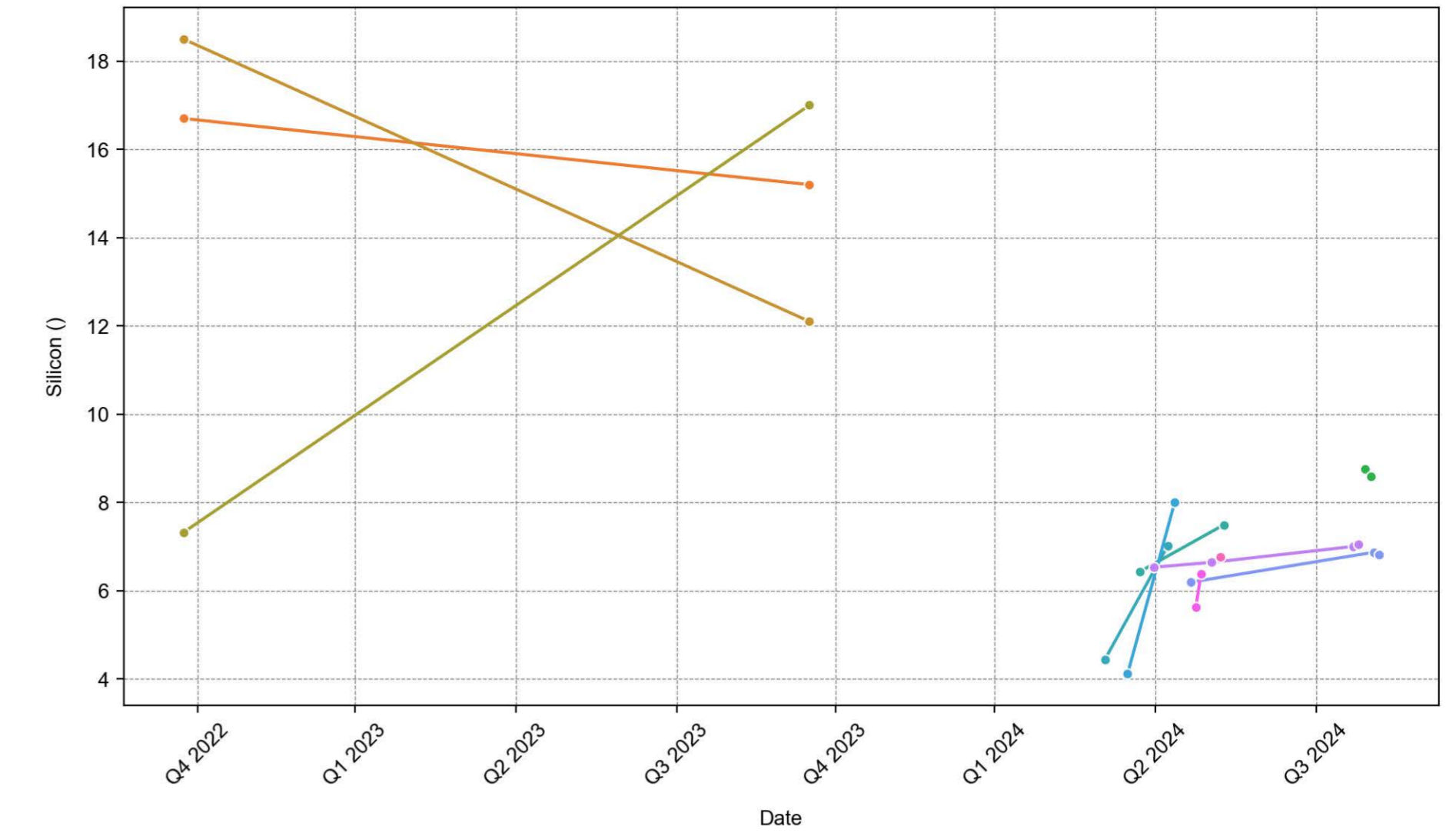
Potassium



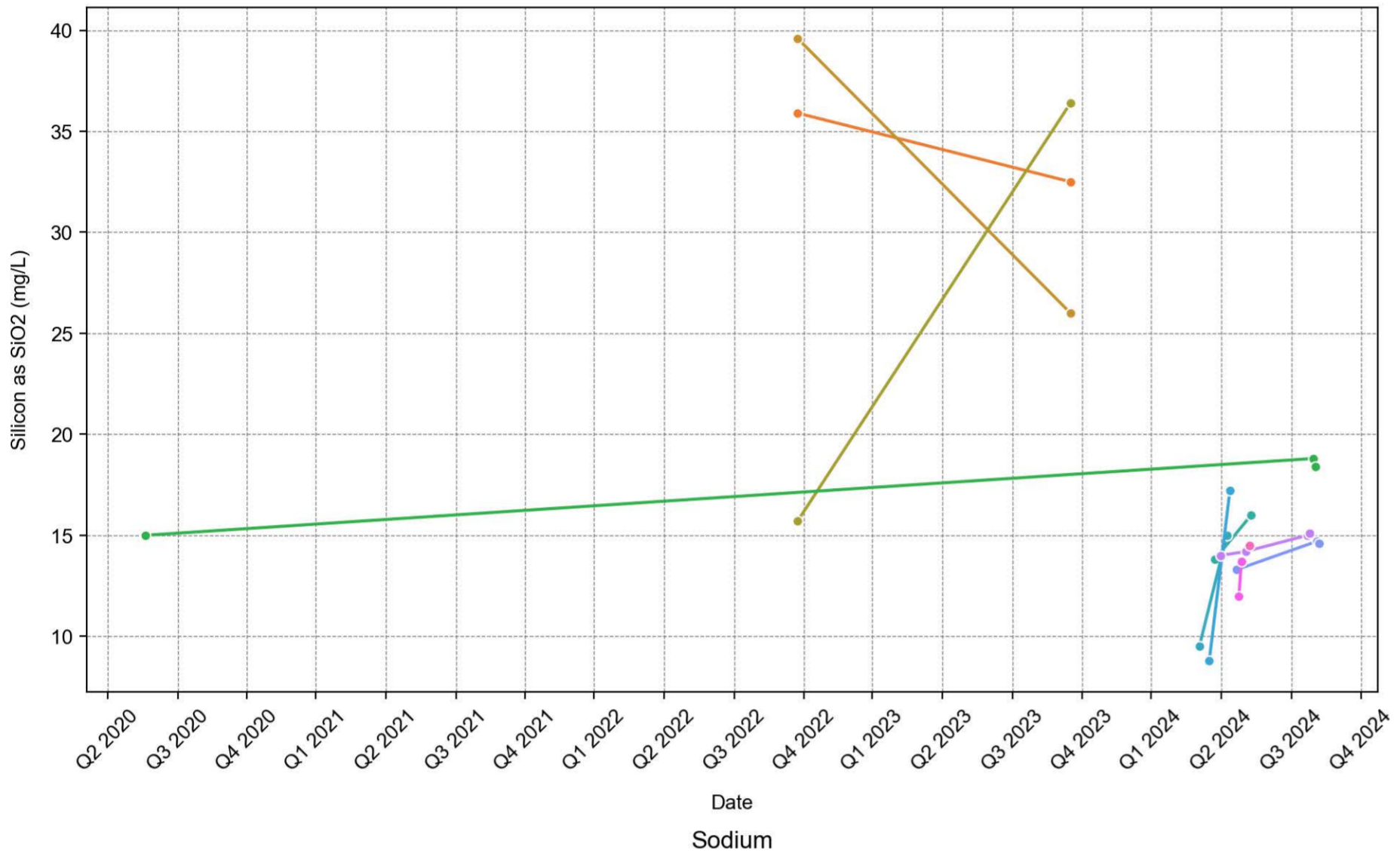
Selenium



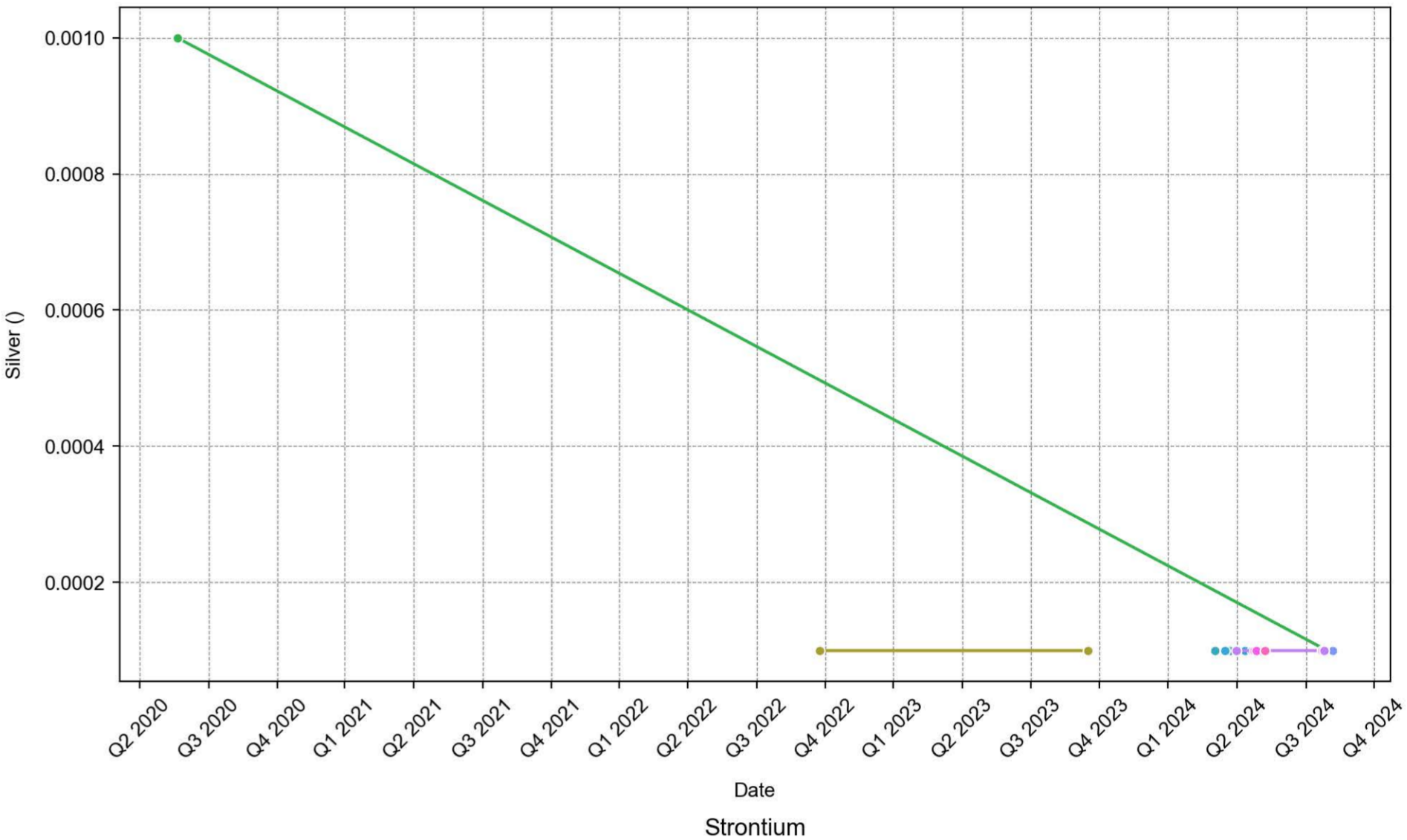
Silicon



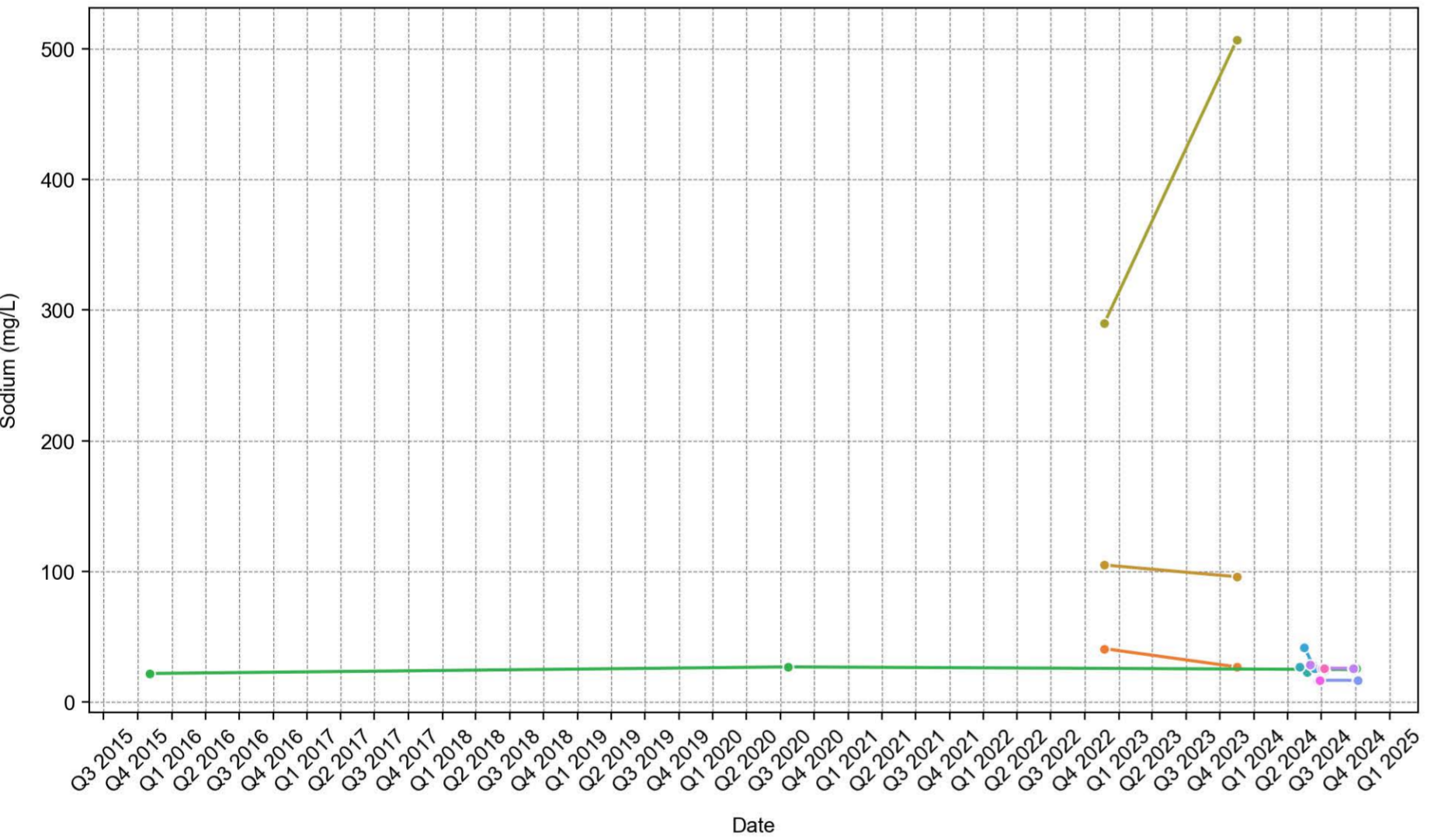
Silicon as SiO2



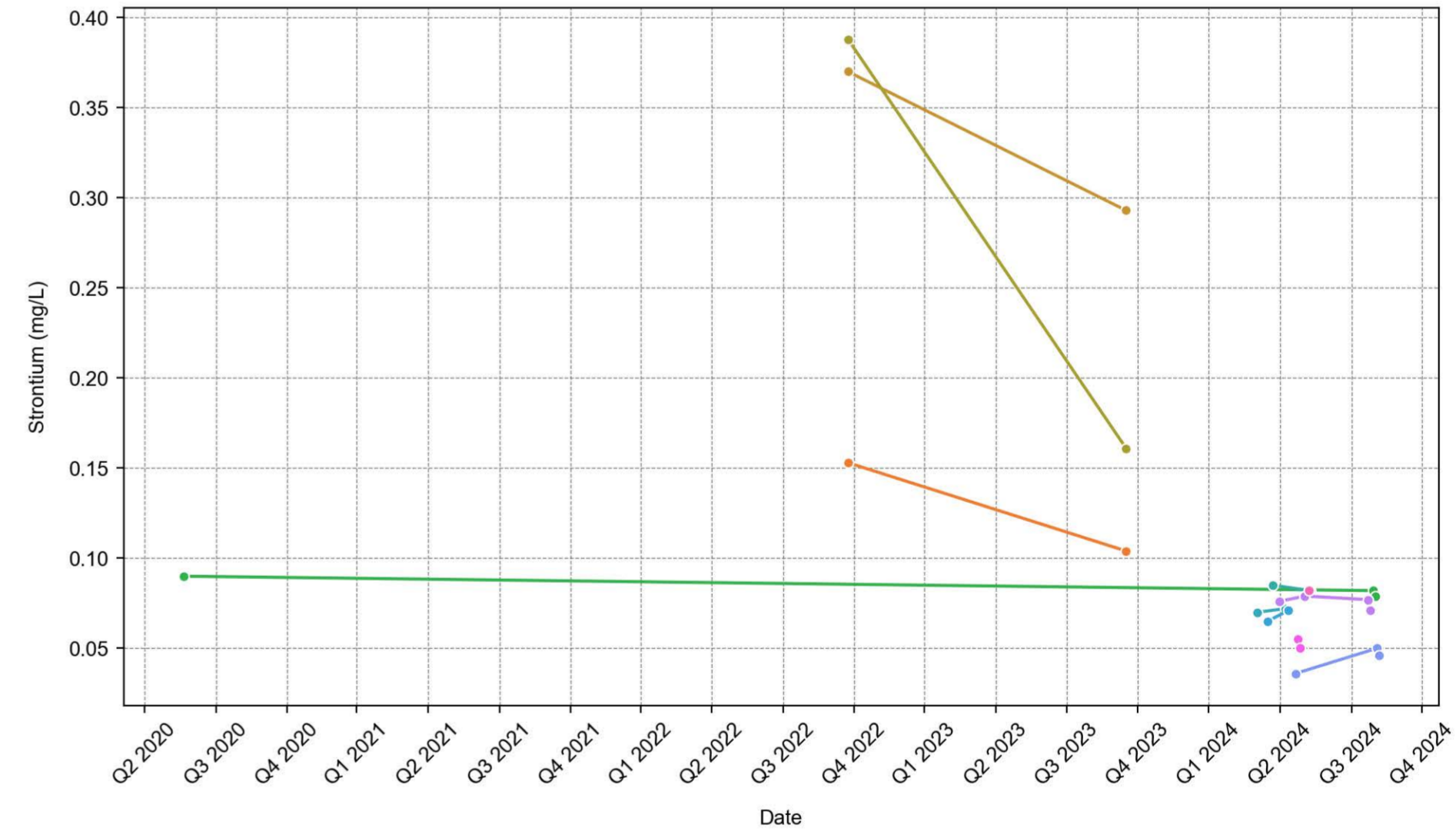
Silver



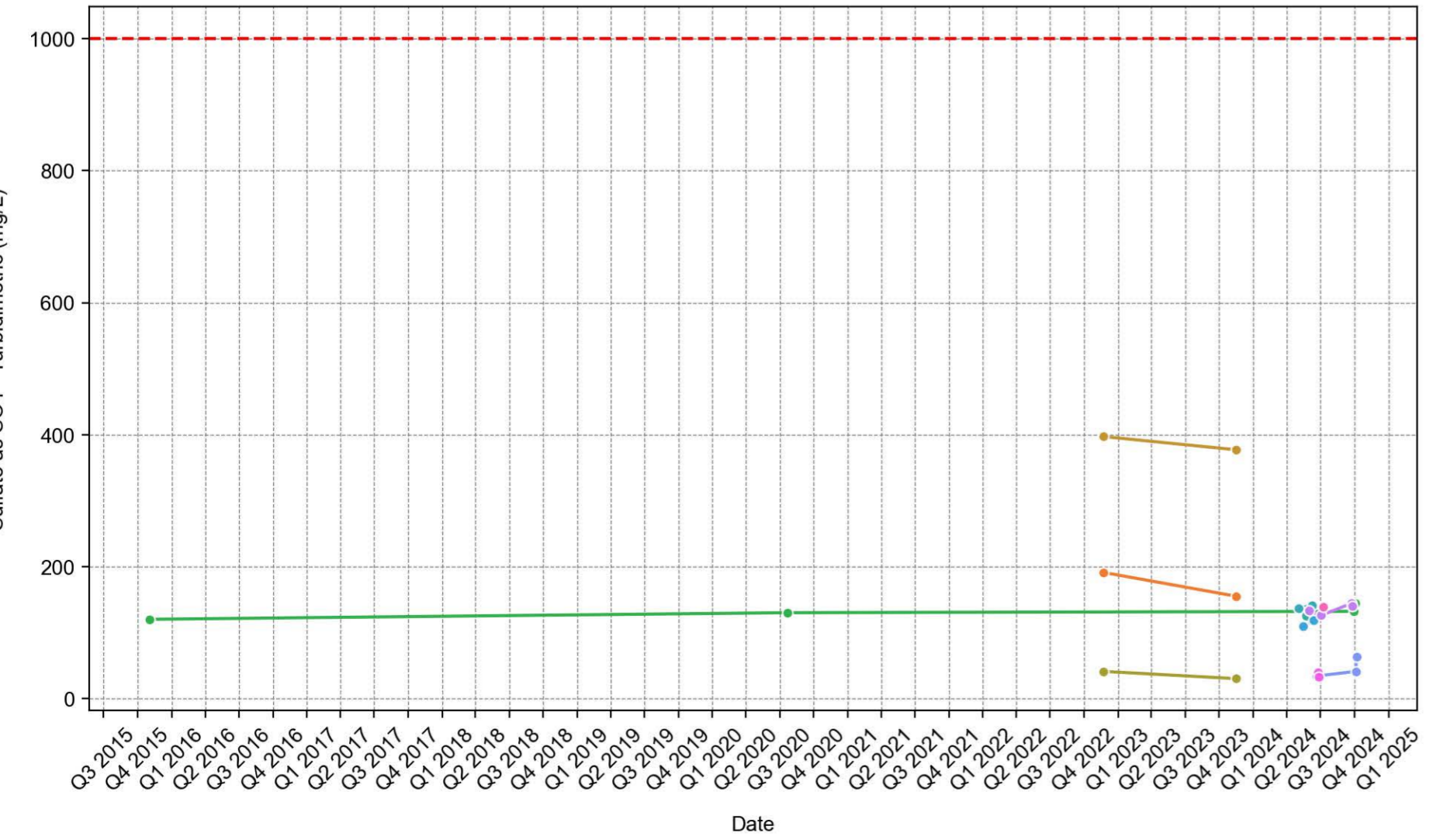
Sodium



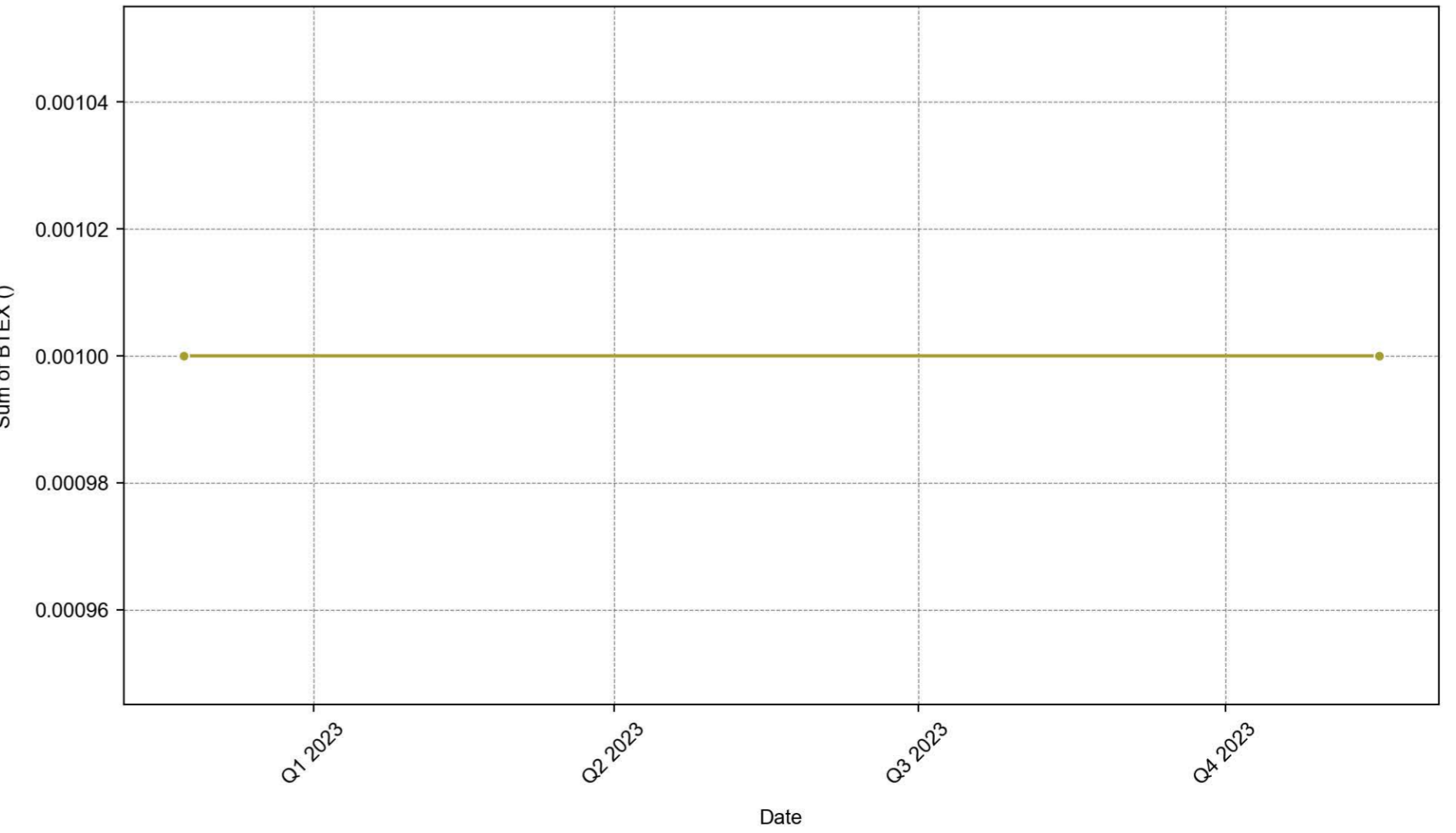
Strontium



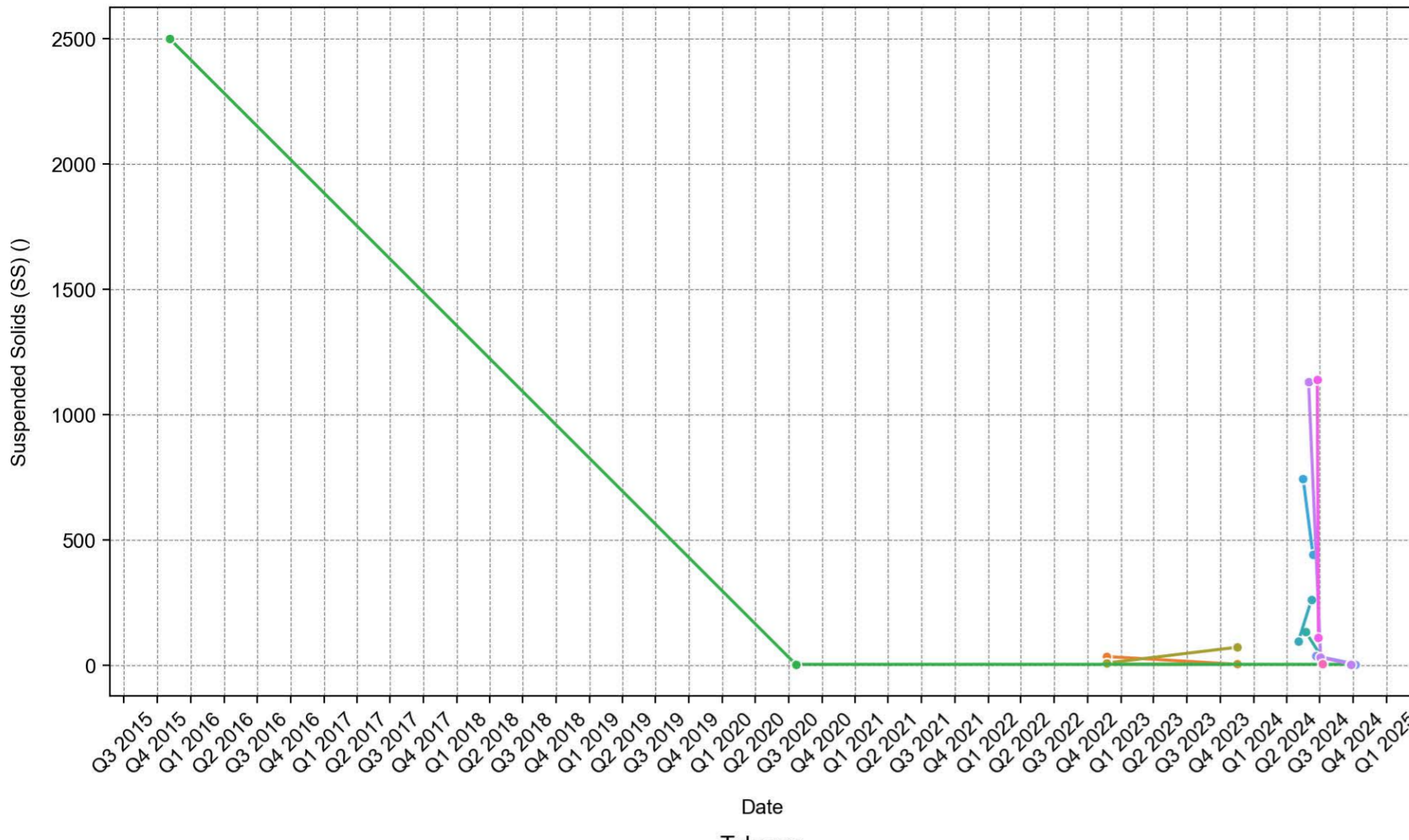
Sulfate as SO4 - Turbidimetric



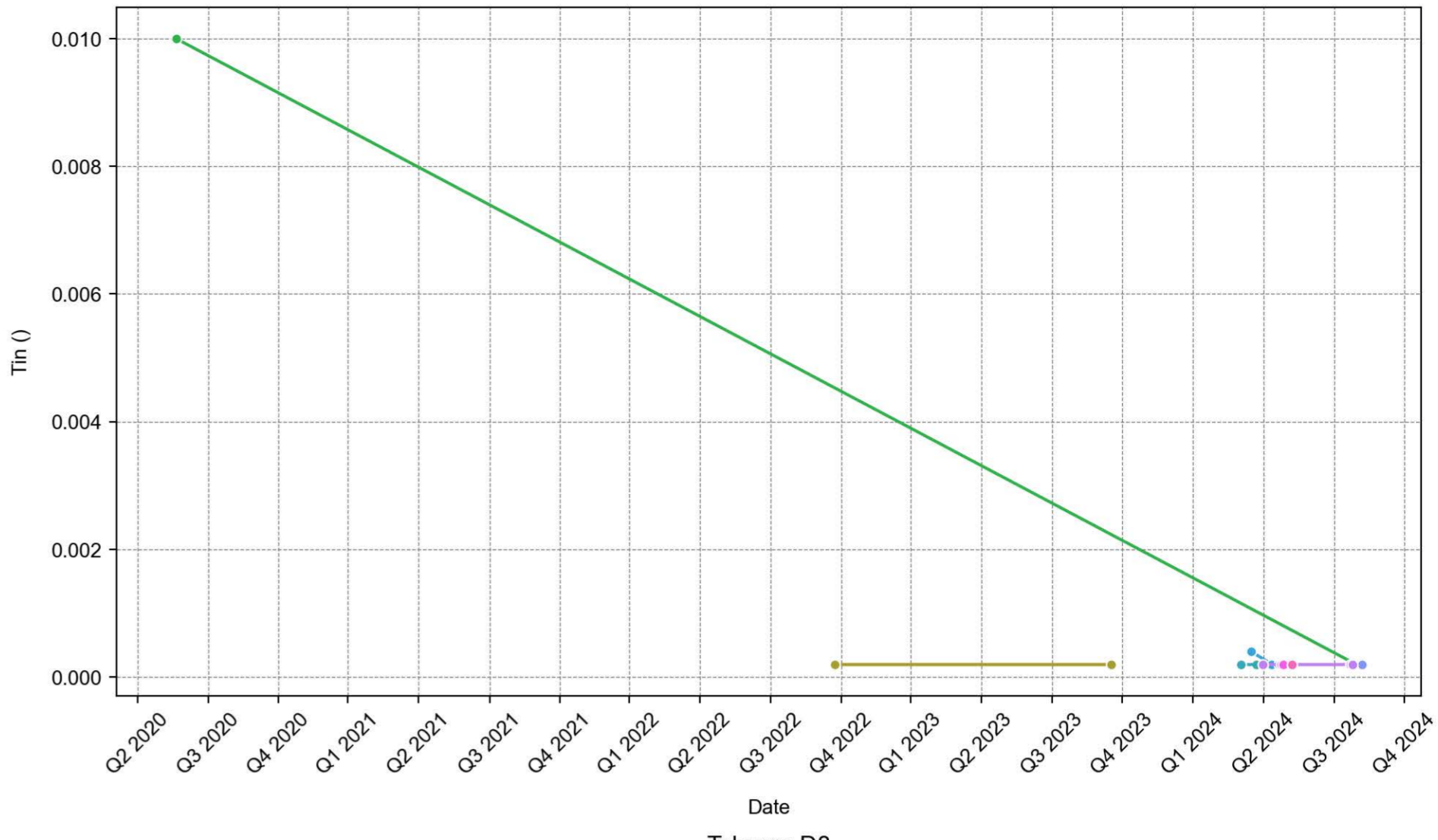
Sum of BTEX



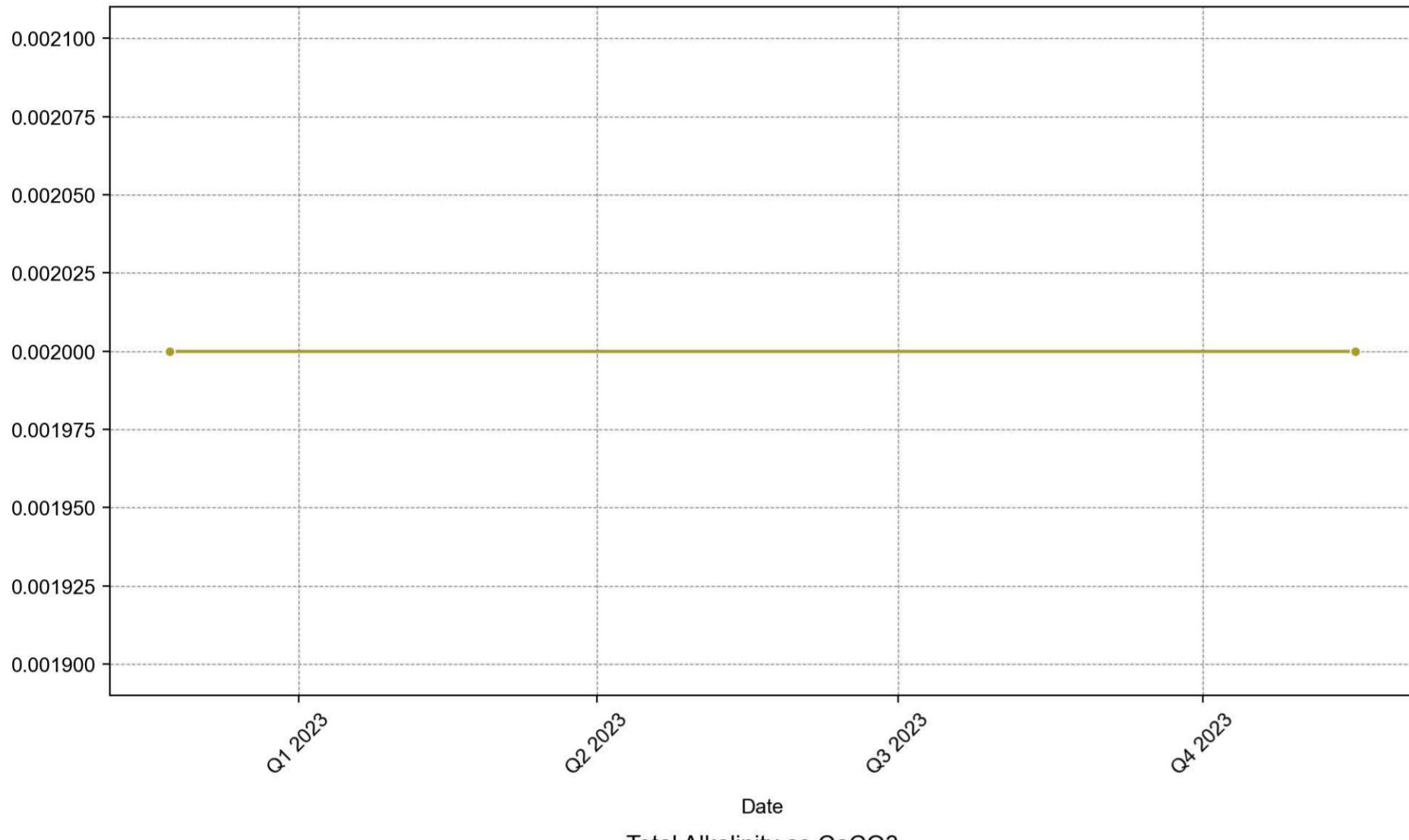
Suspended Solids (SS)



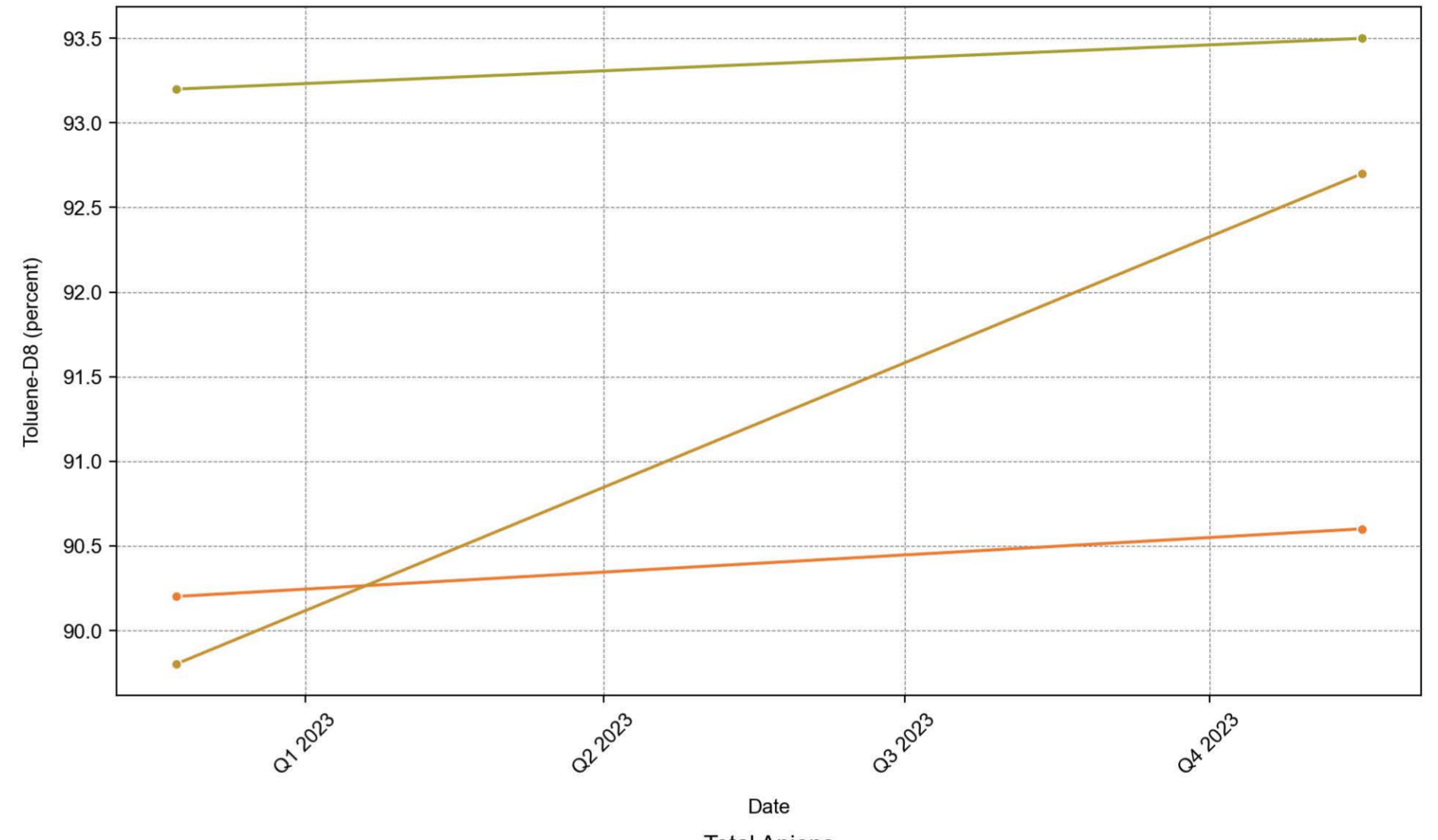
Tin



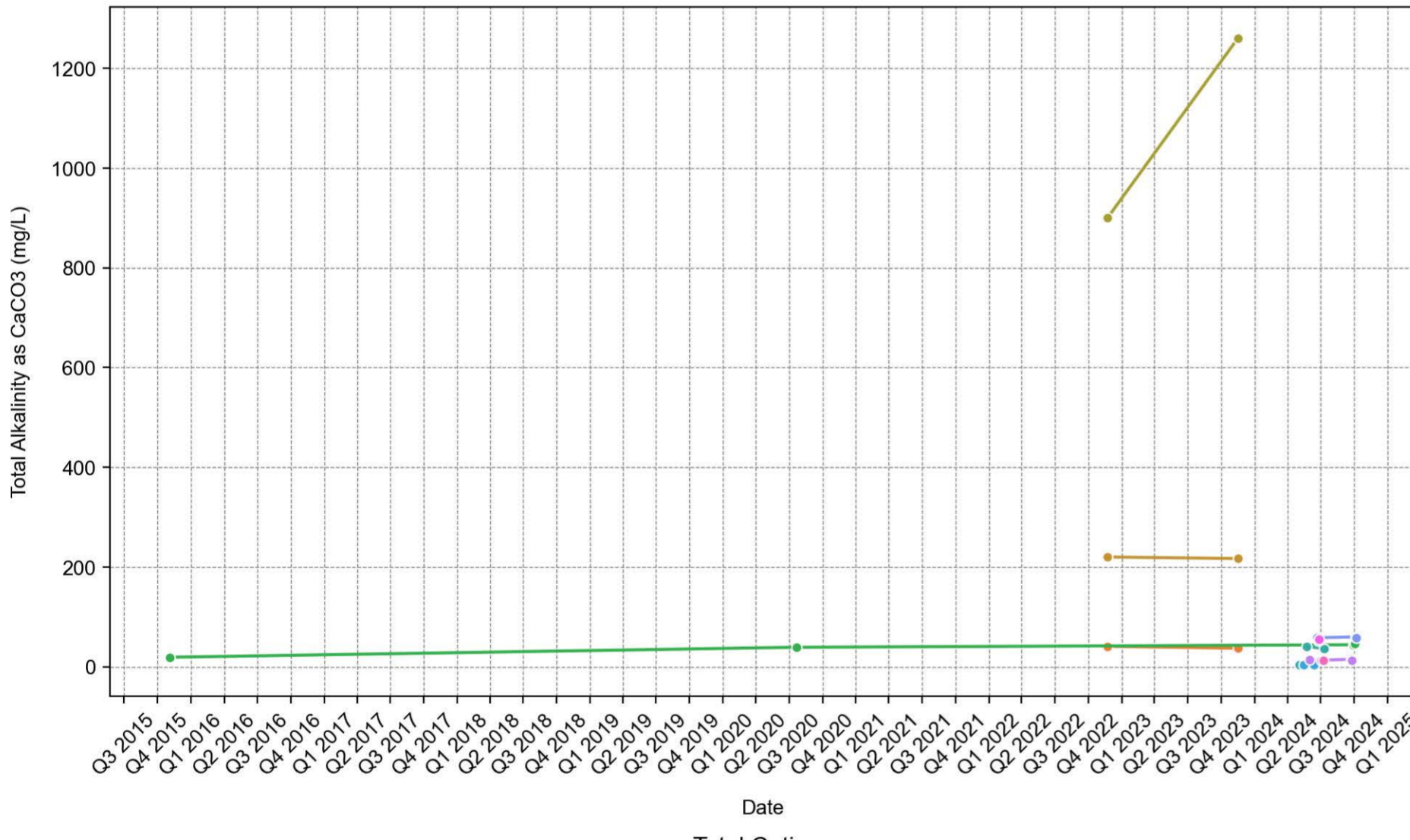
Toluene



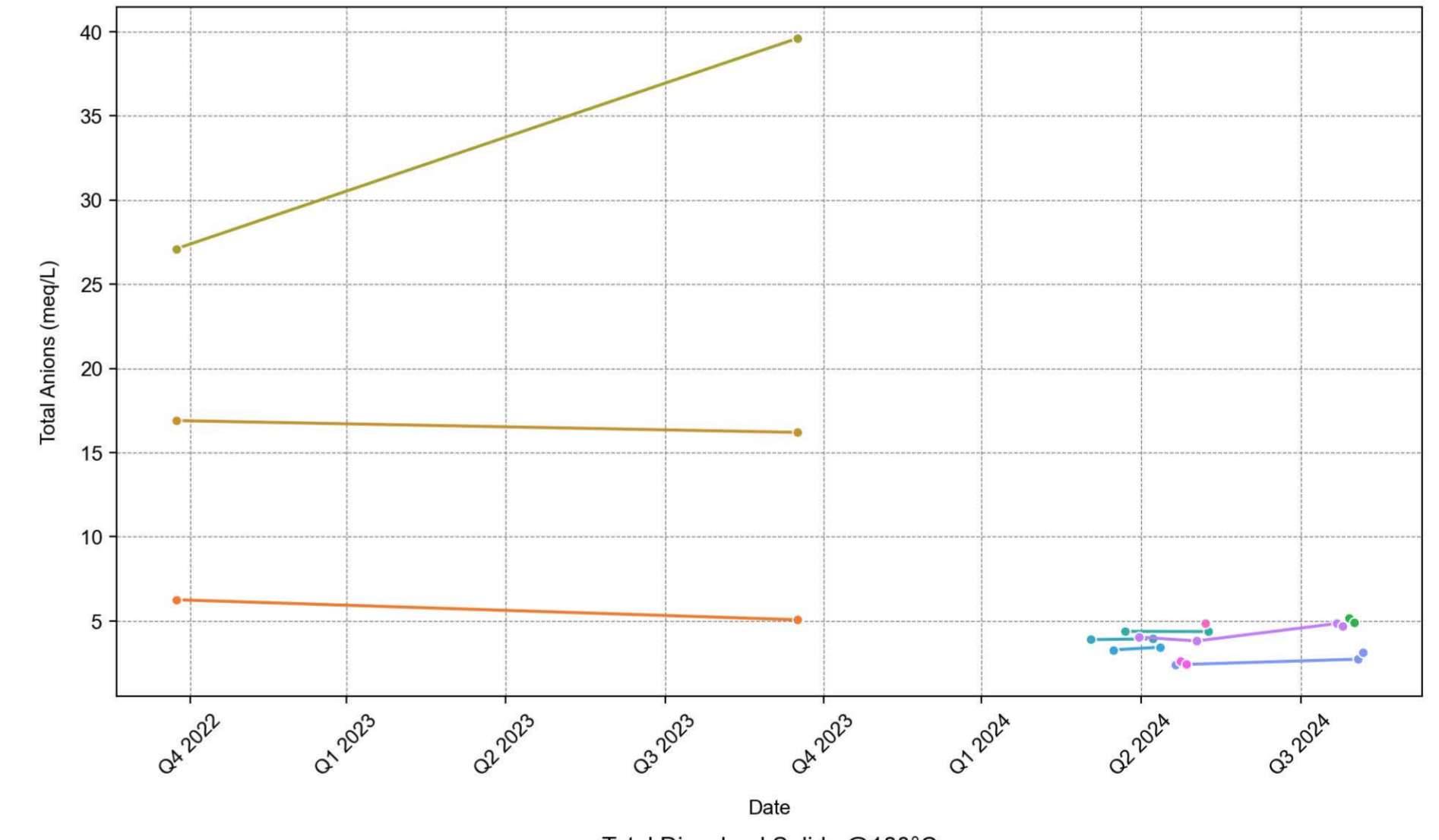
Toluene-D8



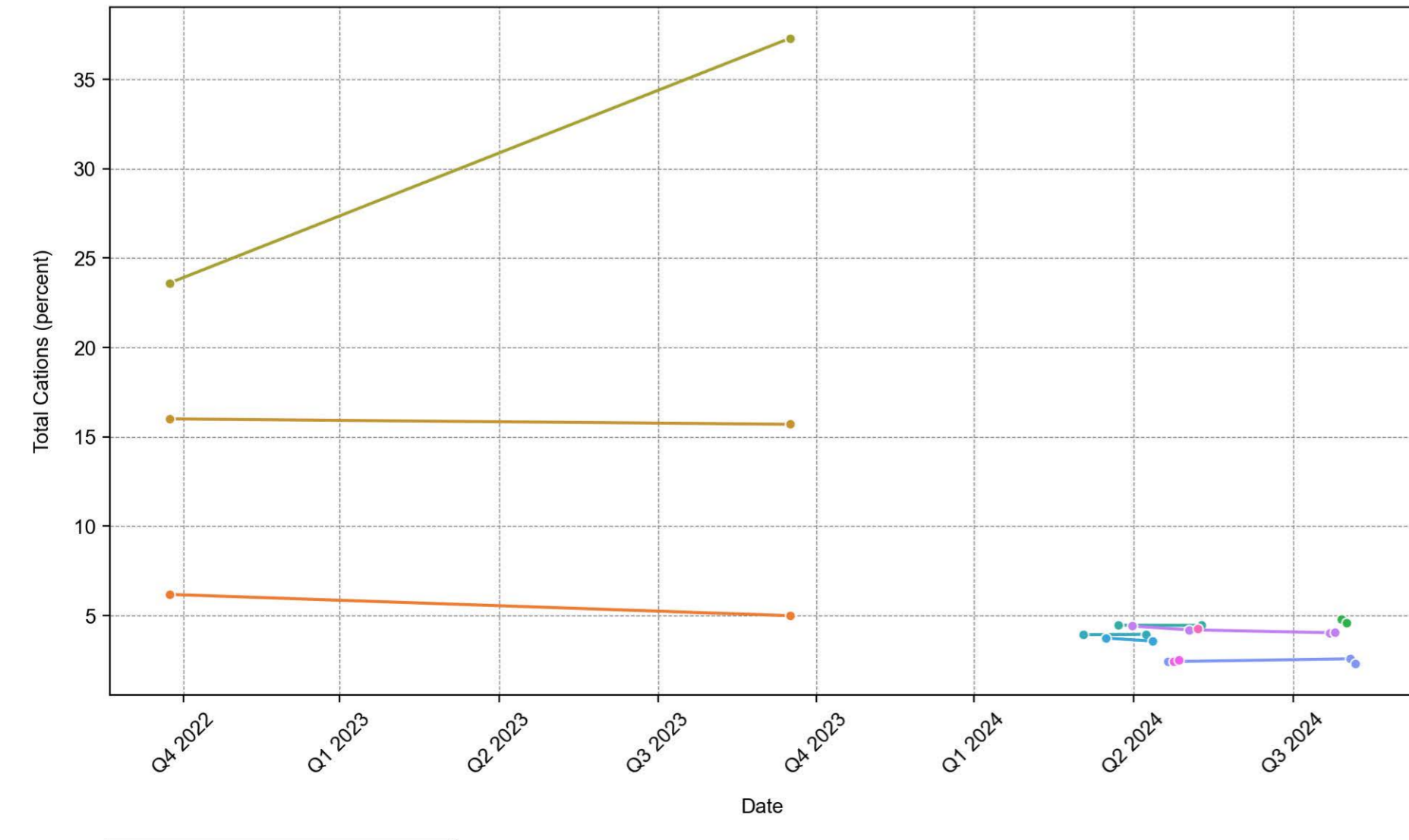
Total Alkalinity as CaCO3



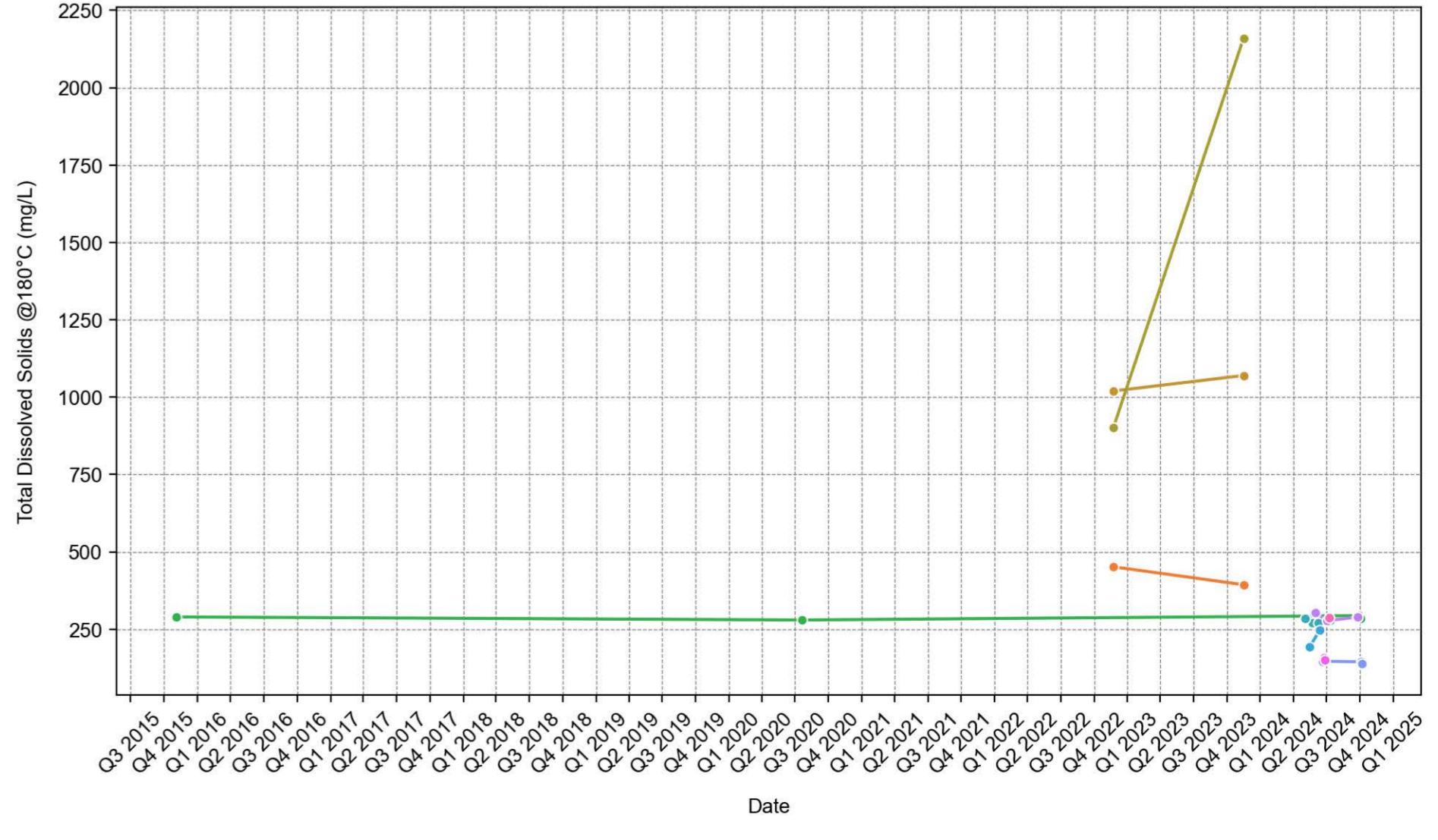
Total Anions



Total Cations

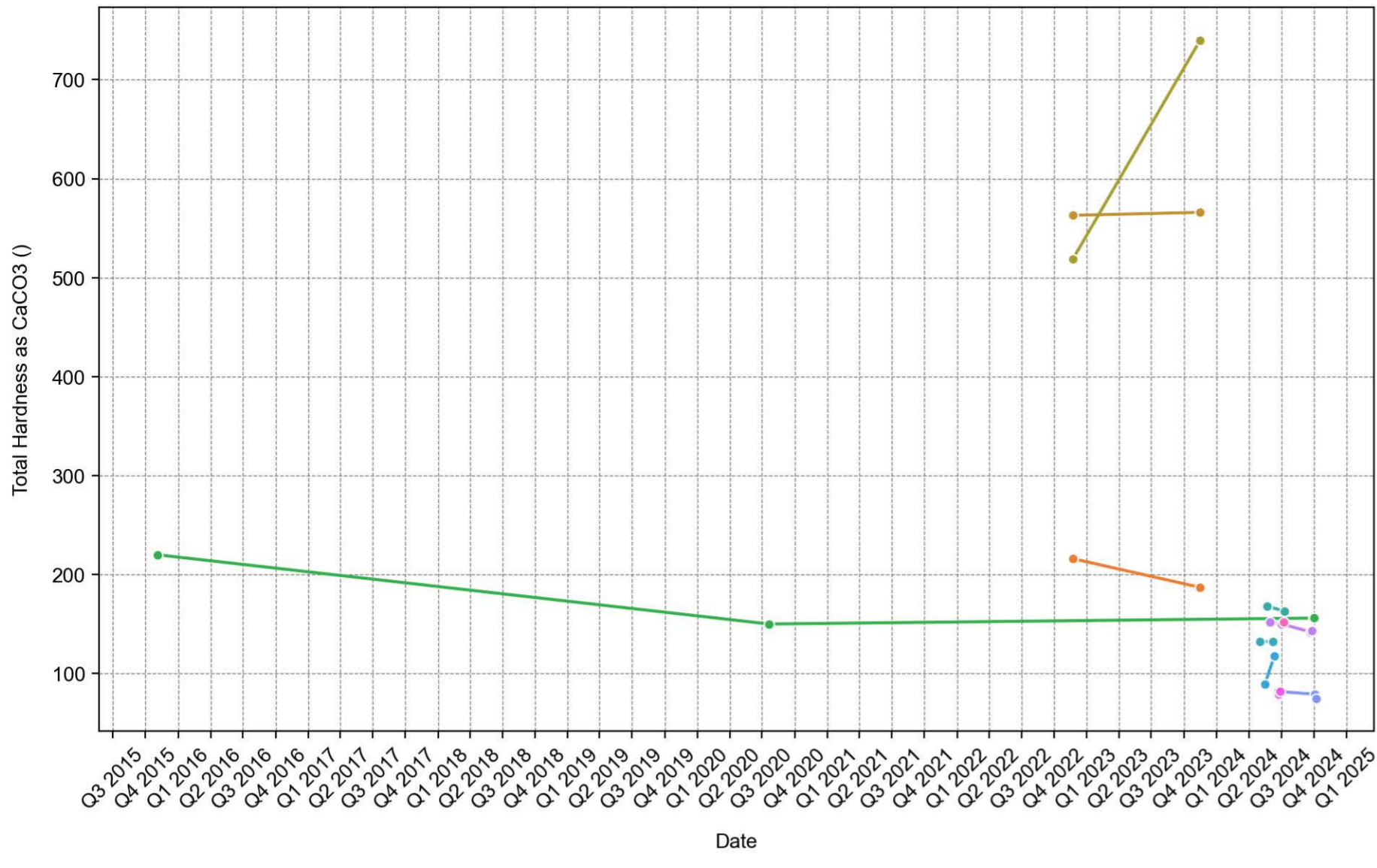


Total Dissolved Solids @180°C

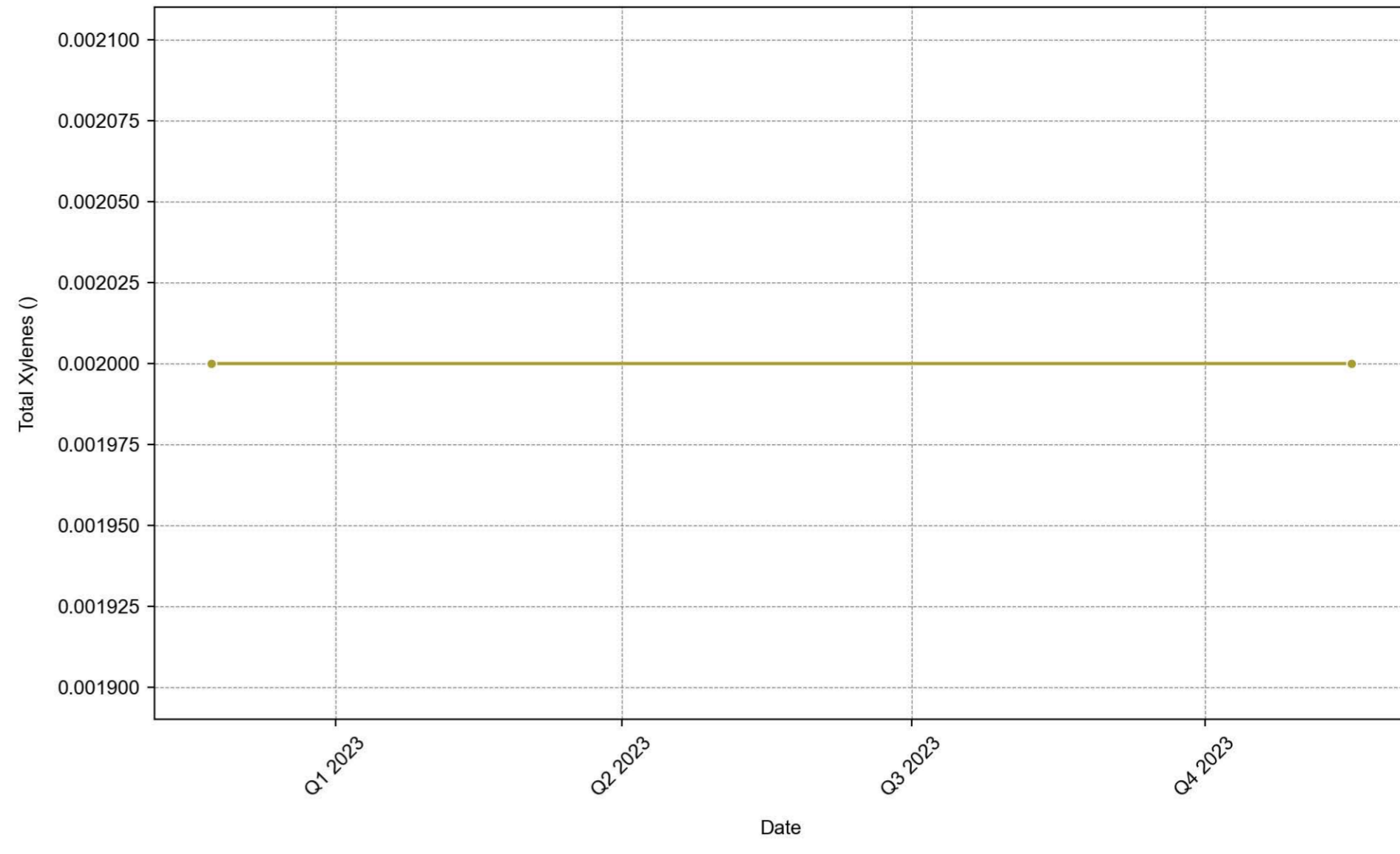


- CDRC0397
- CO-WS-20
- CRD0110
- CRD0131
- CRD0133
- CRD0147
- CO-WS-16
- CRD0029
- CRD0130
- CRD0132
- CRD0146
- CRD0148
- CO-WS-19
- CRD0046

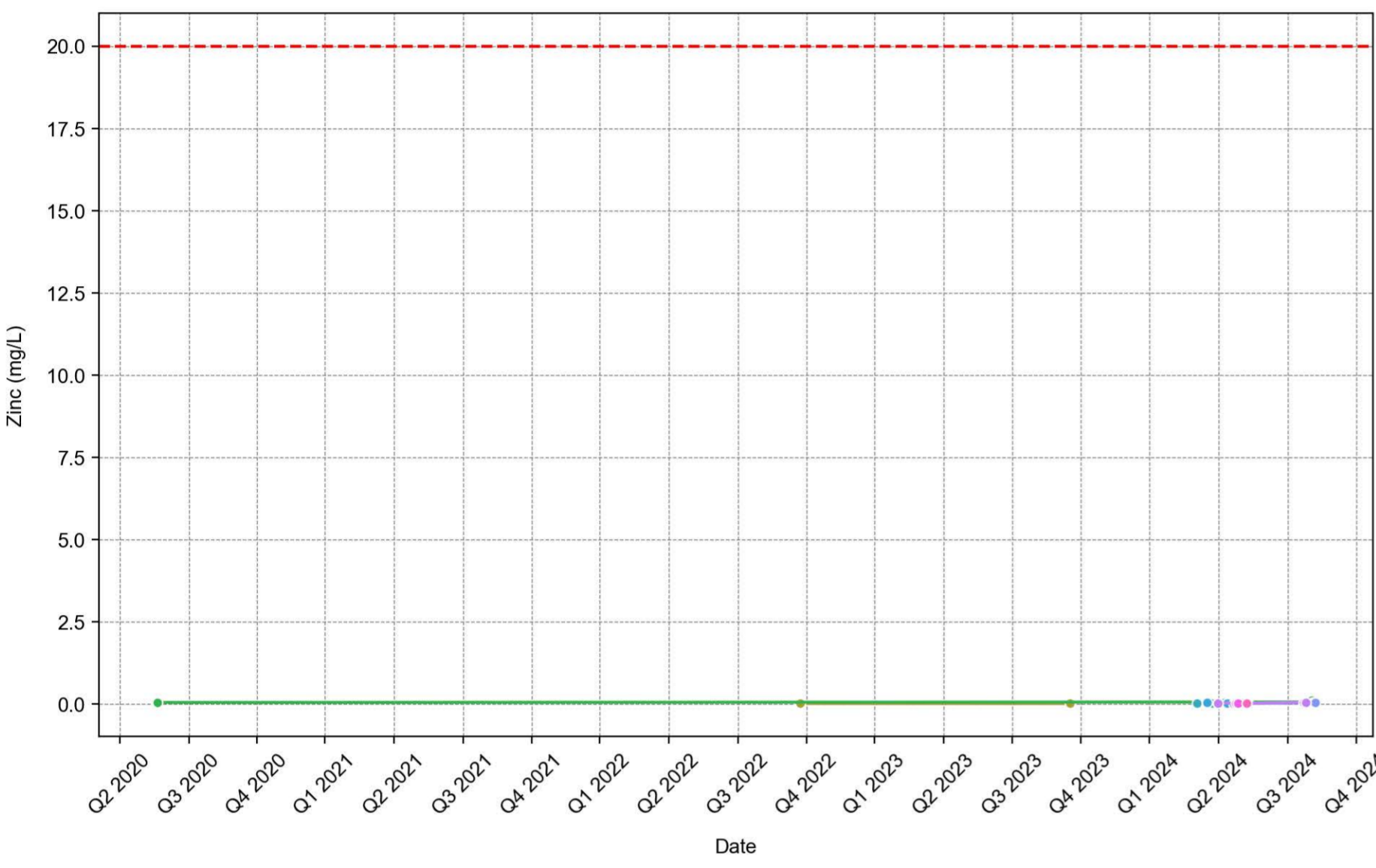
Total Hardness as CaCO3



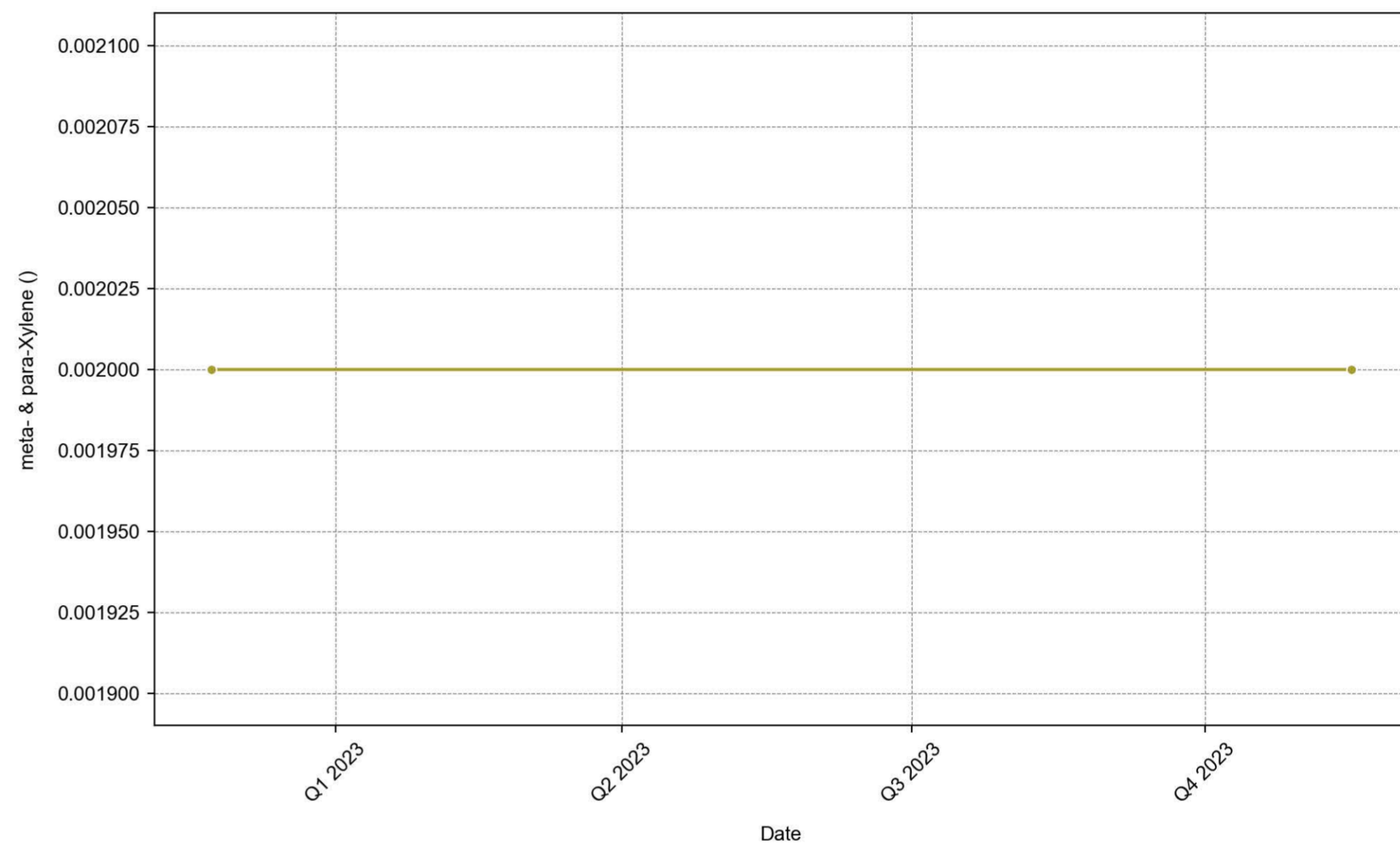
Total Xylenes



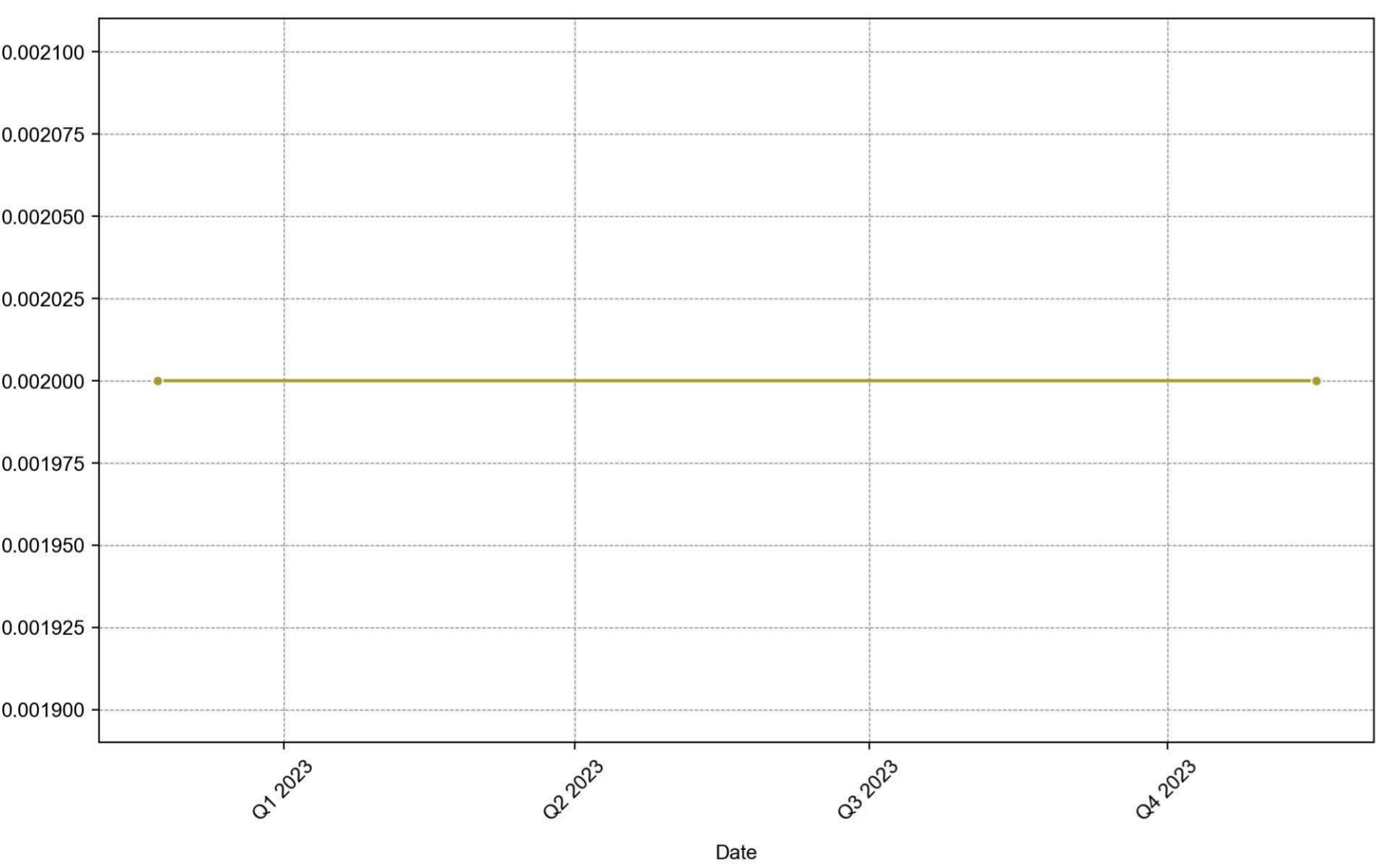
Zinc



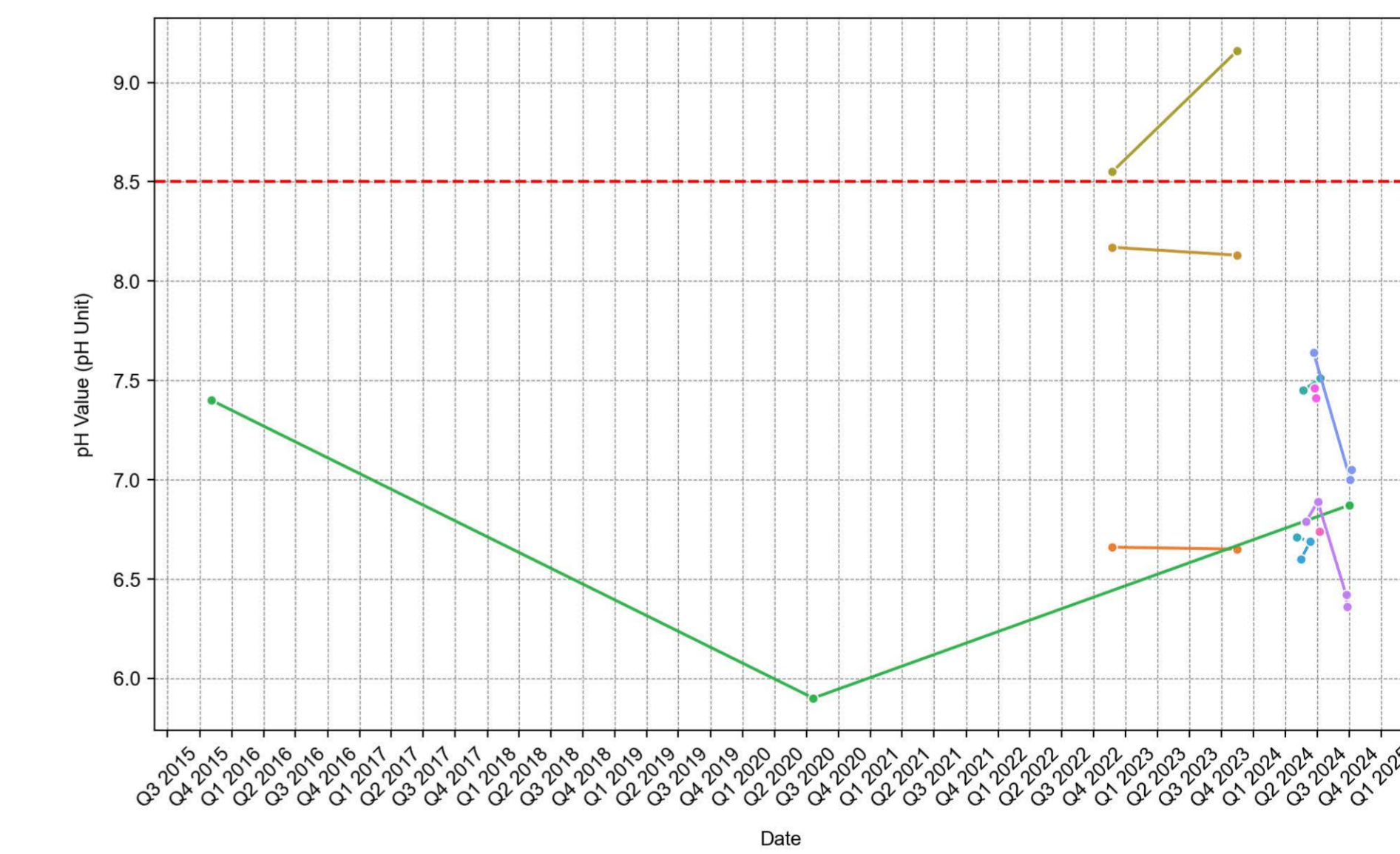
meta- & para-Xylene



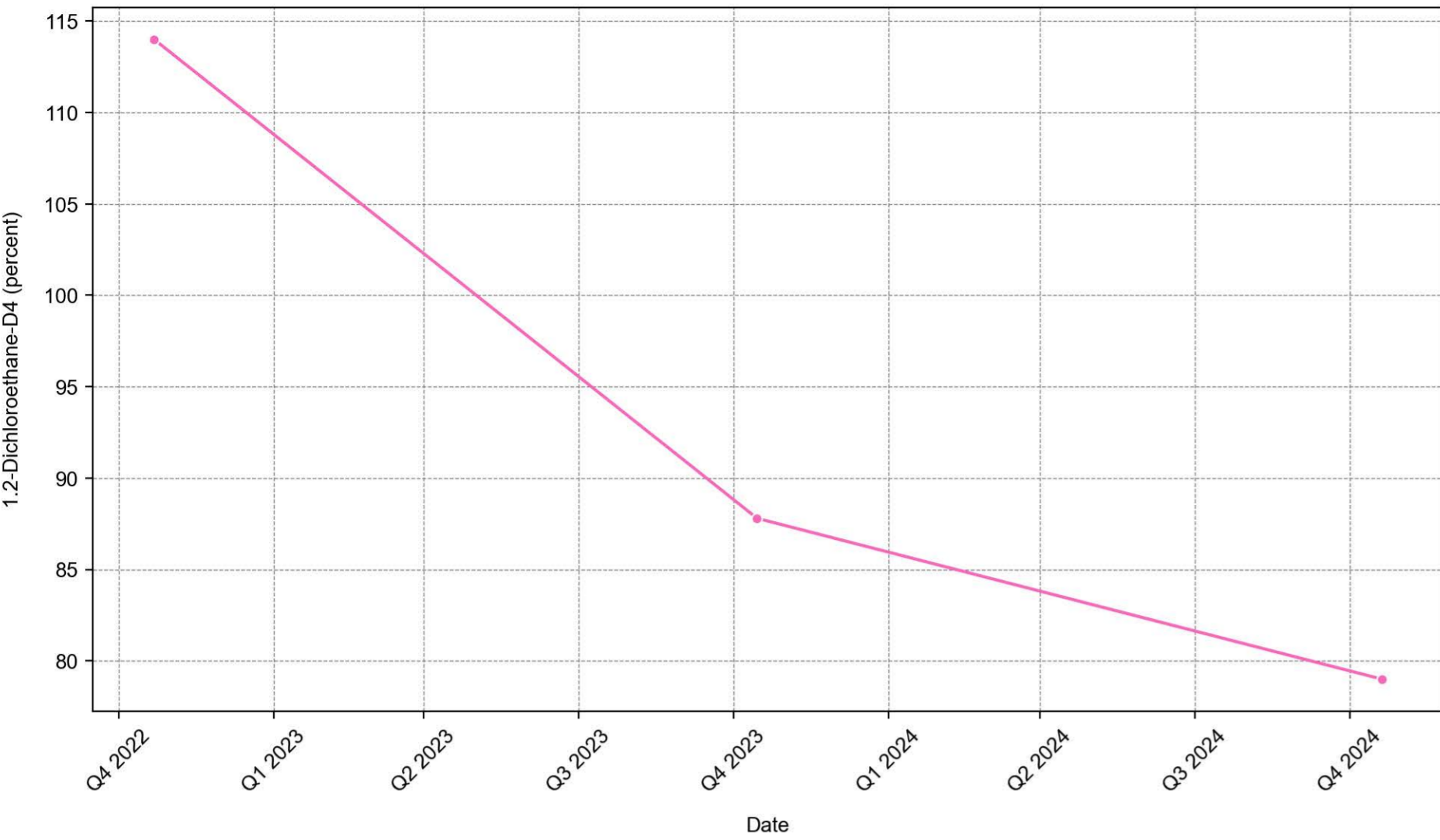
ortho-Xylene



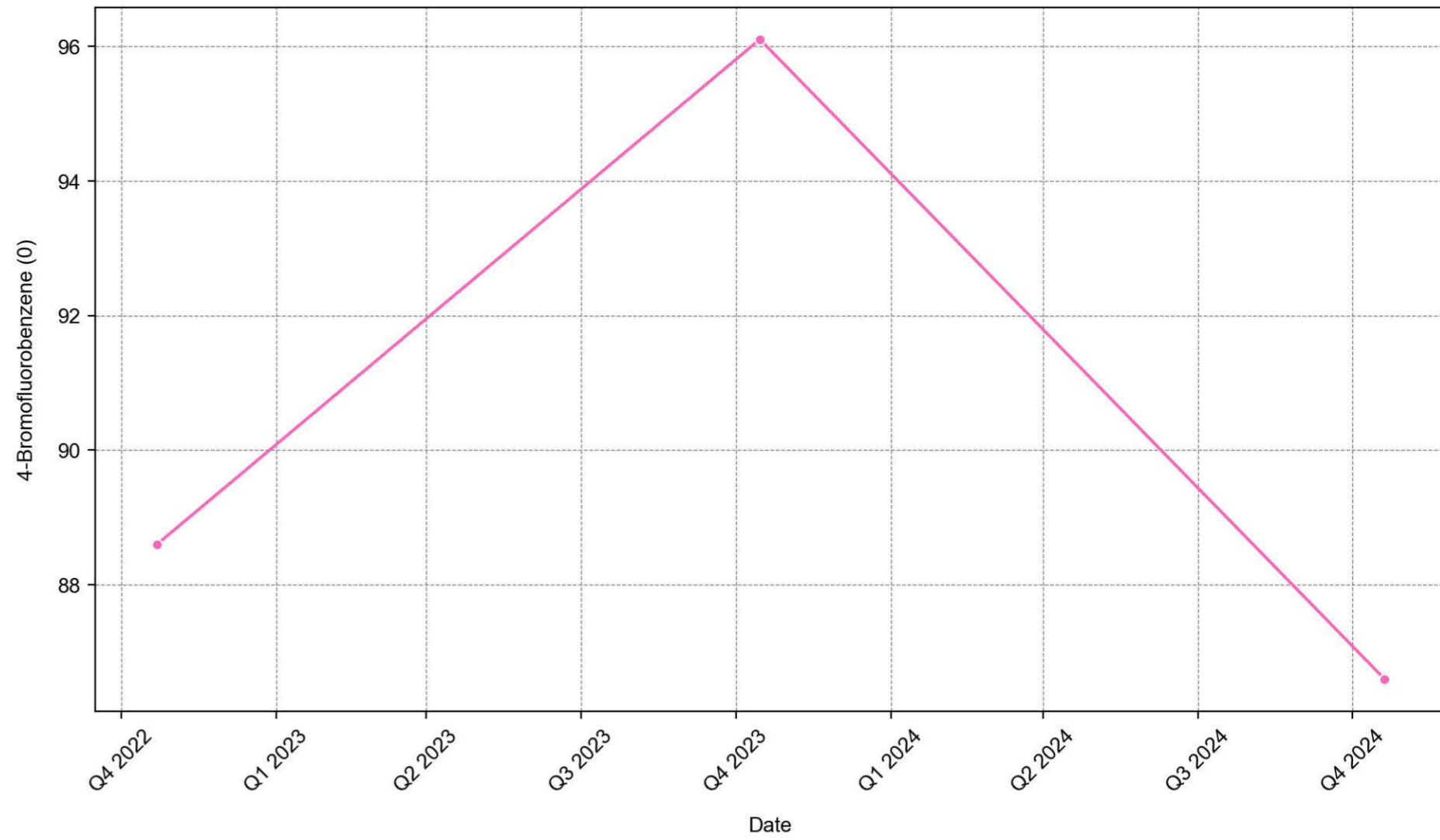
pH Value



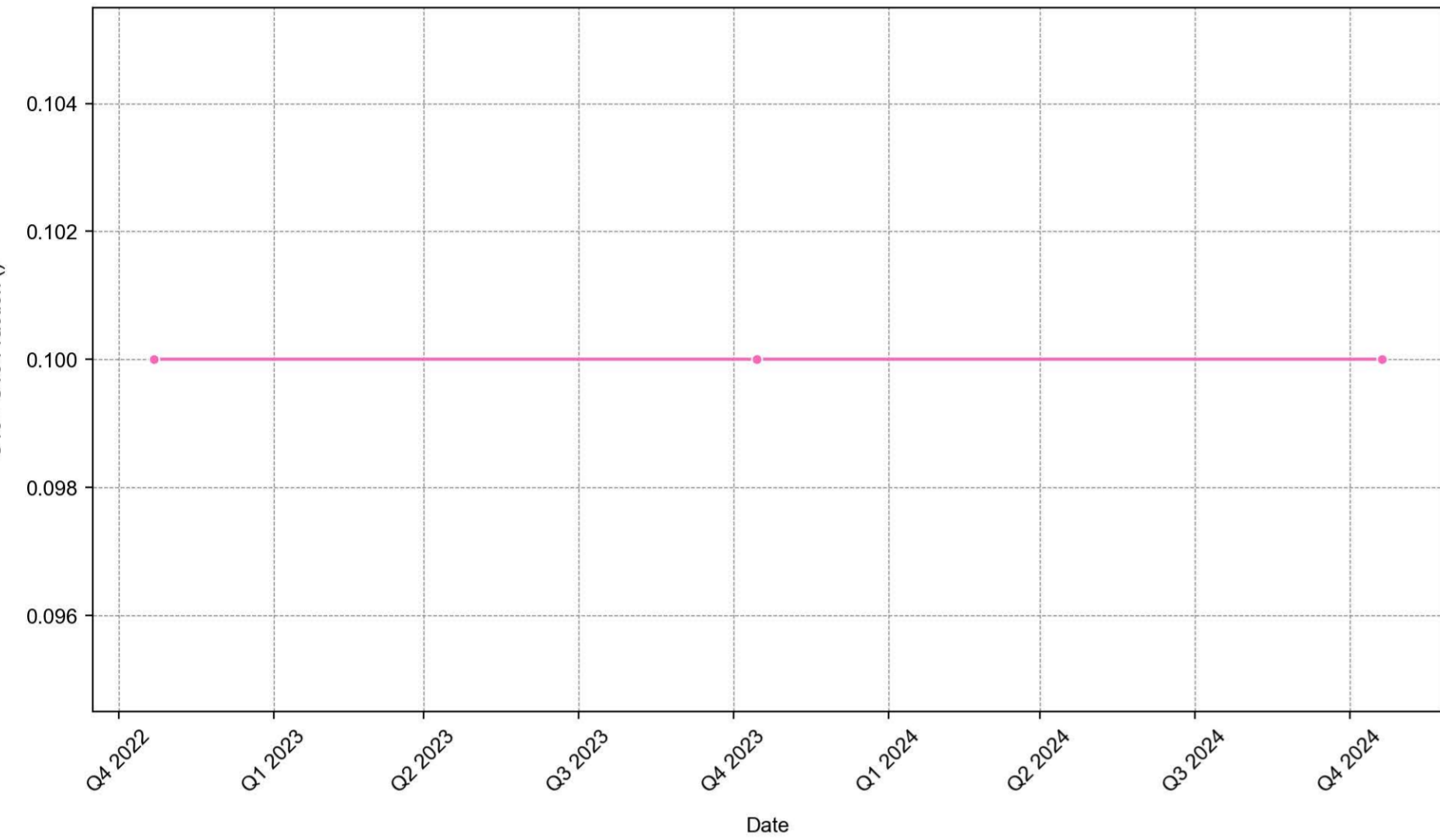
1,2-Dichloroethane-D4



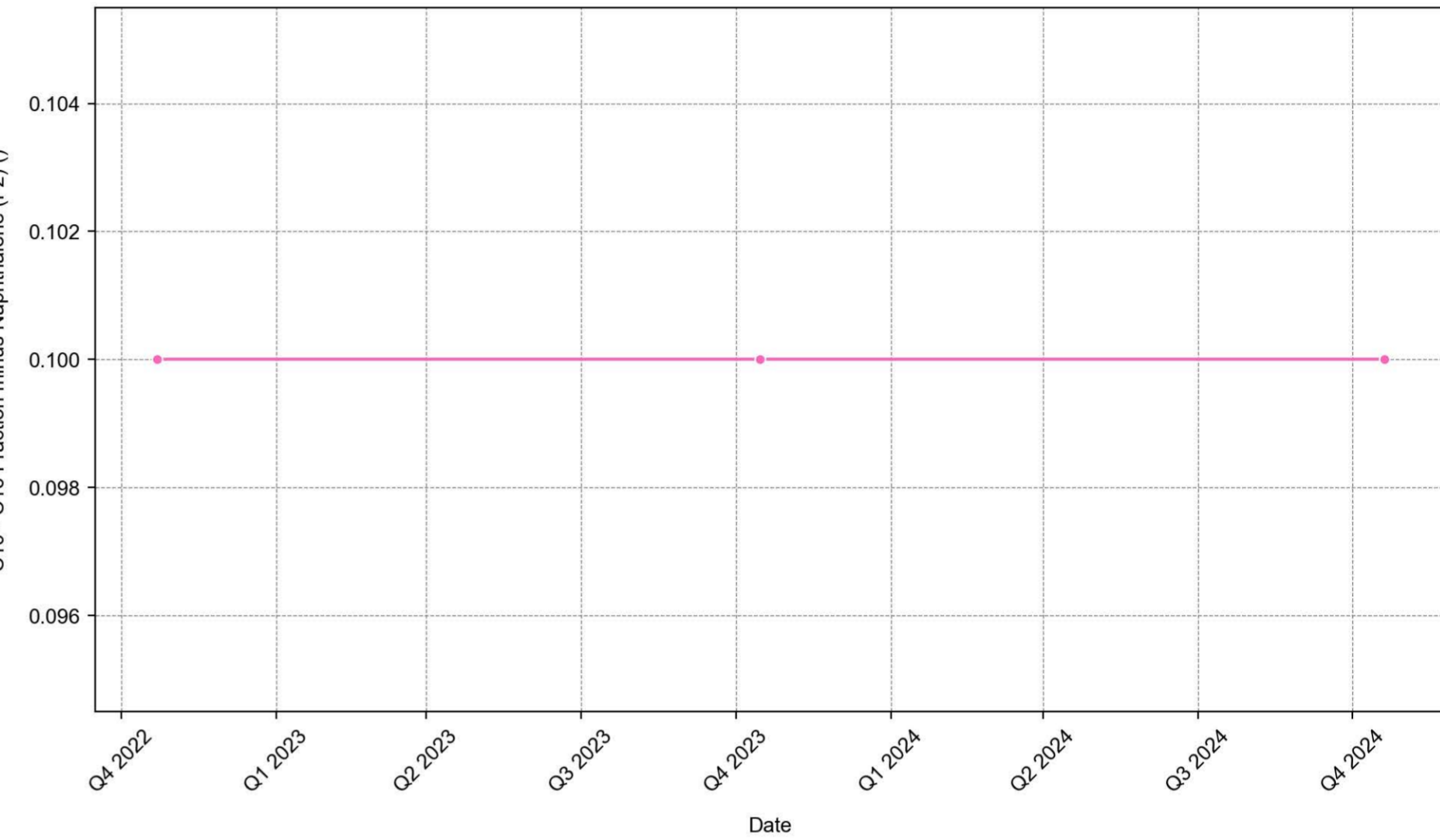
4-Bromofluorobenzene



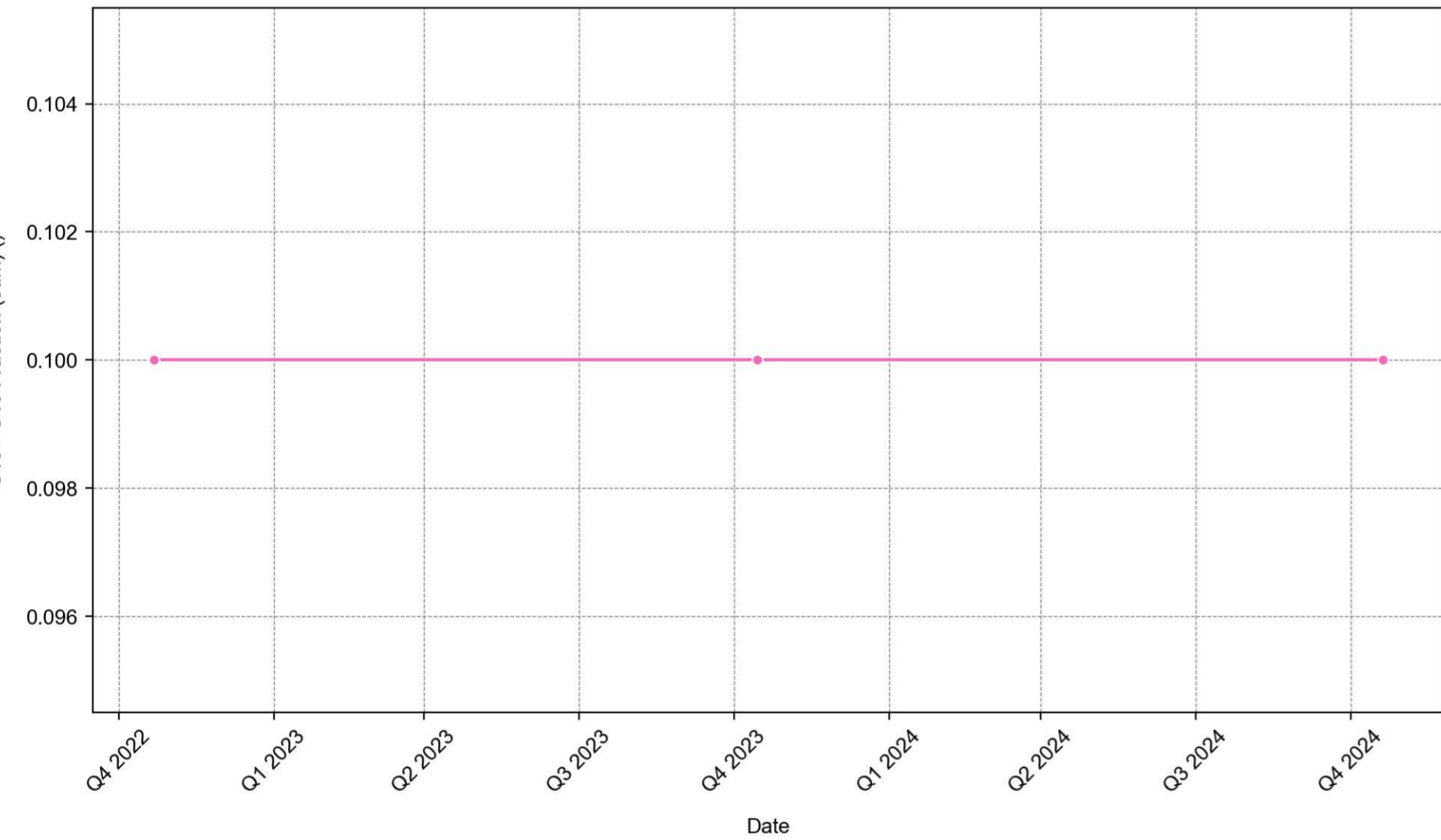
C10 - C16 Fraction



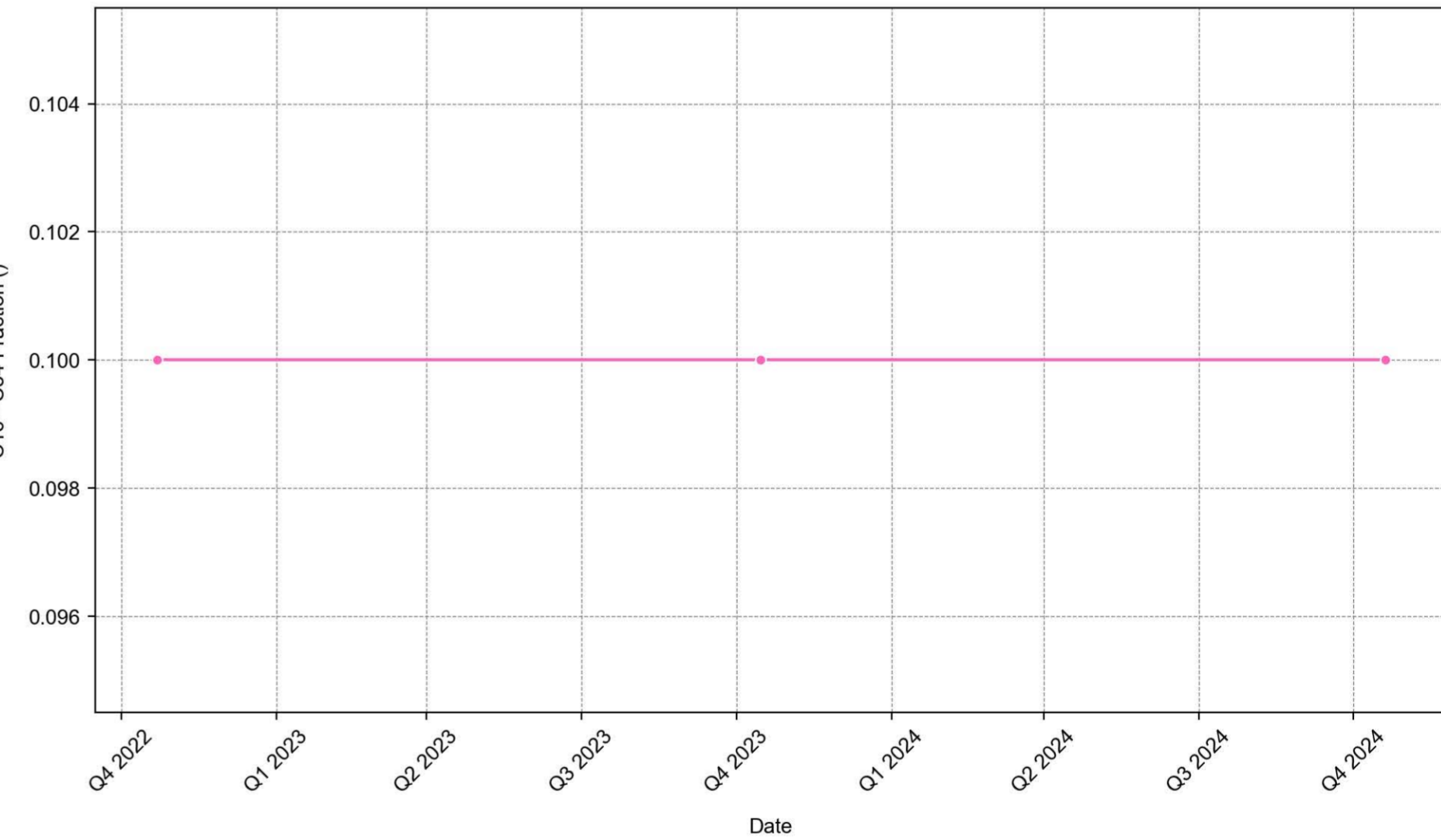
C10 - C16 Fraction minus Naphthalene (F2)



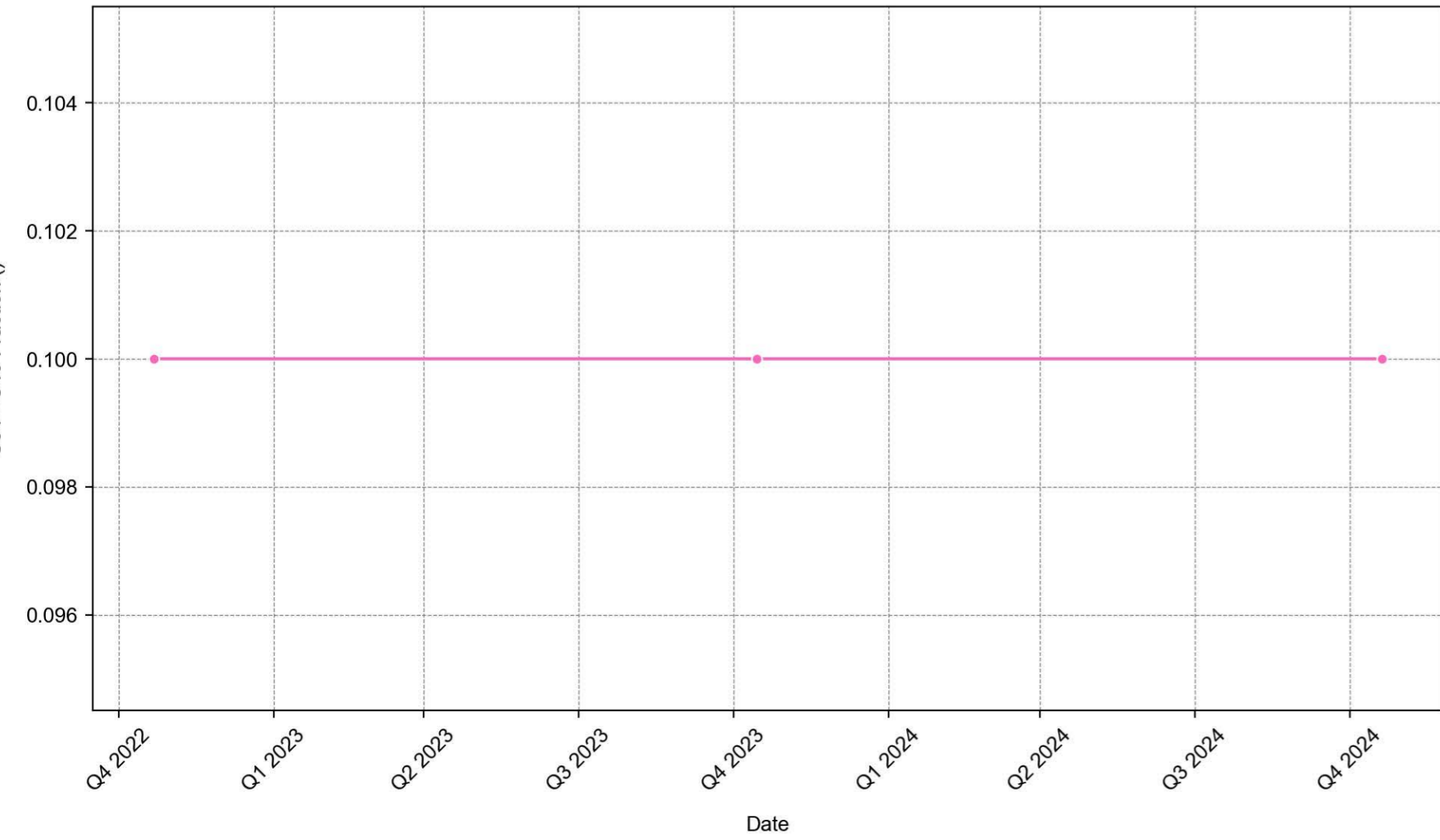
C10 - C40 Fraction (sum)



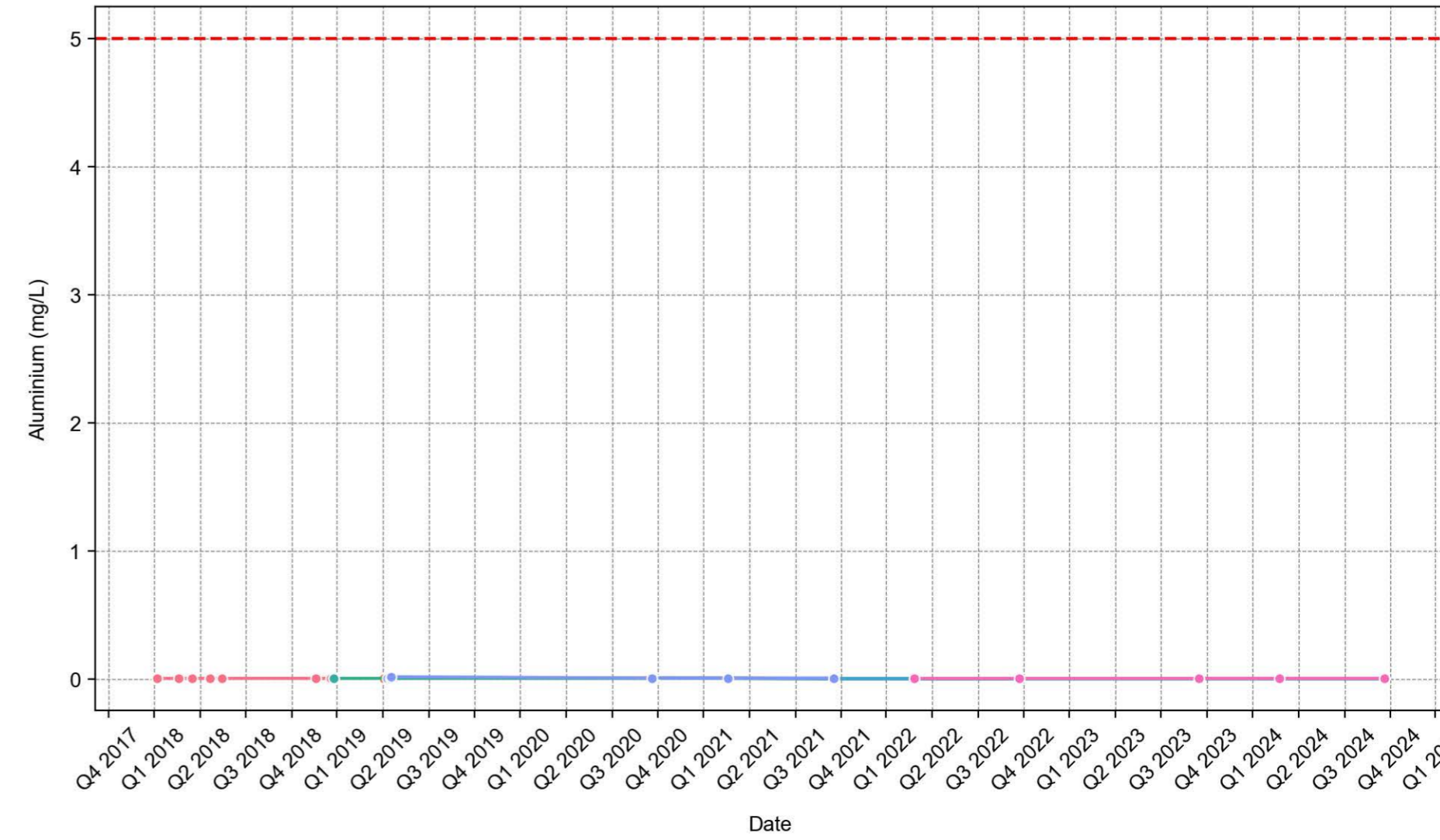
C16 - C34 Fraction

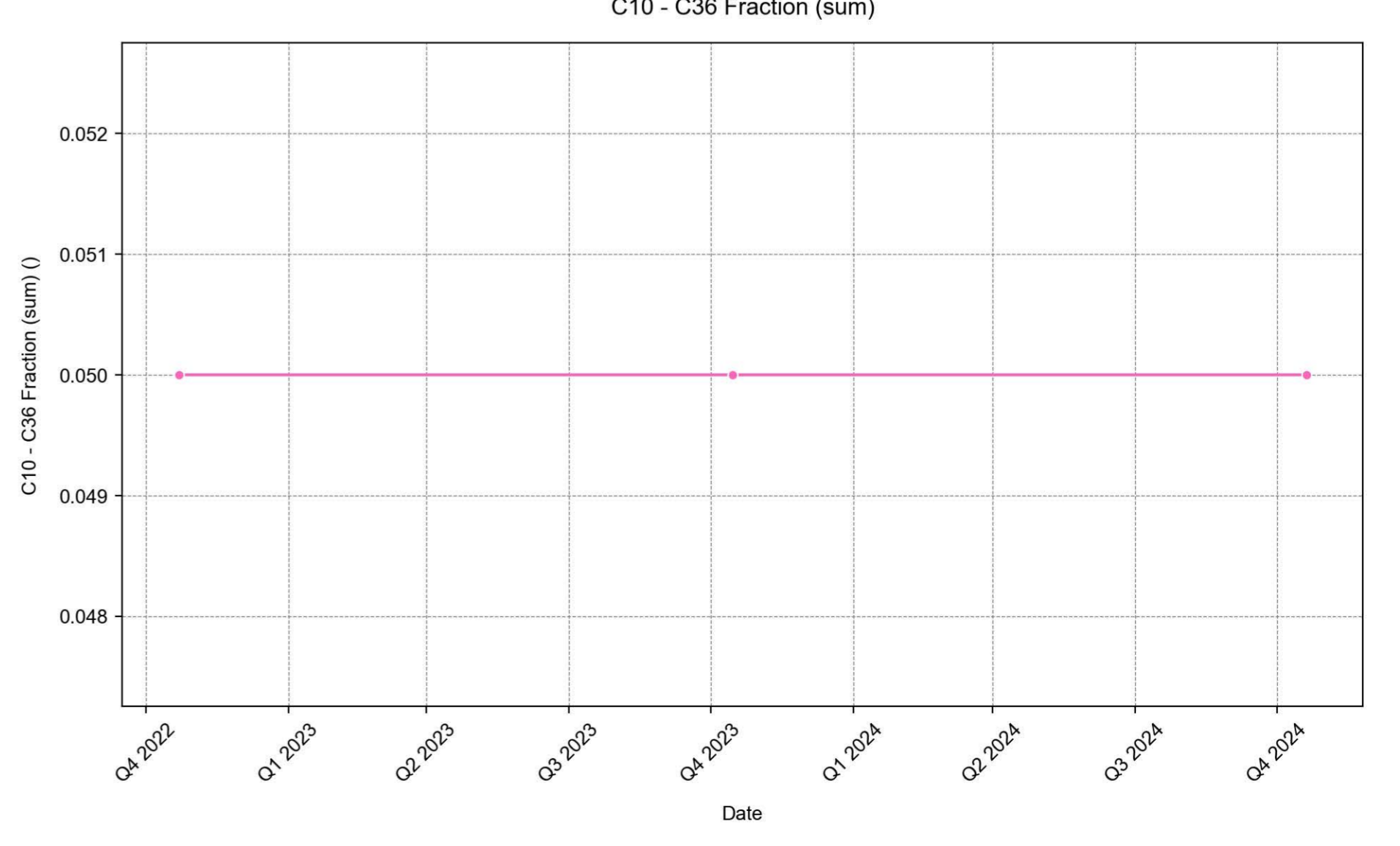
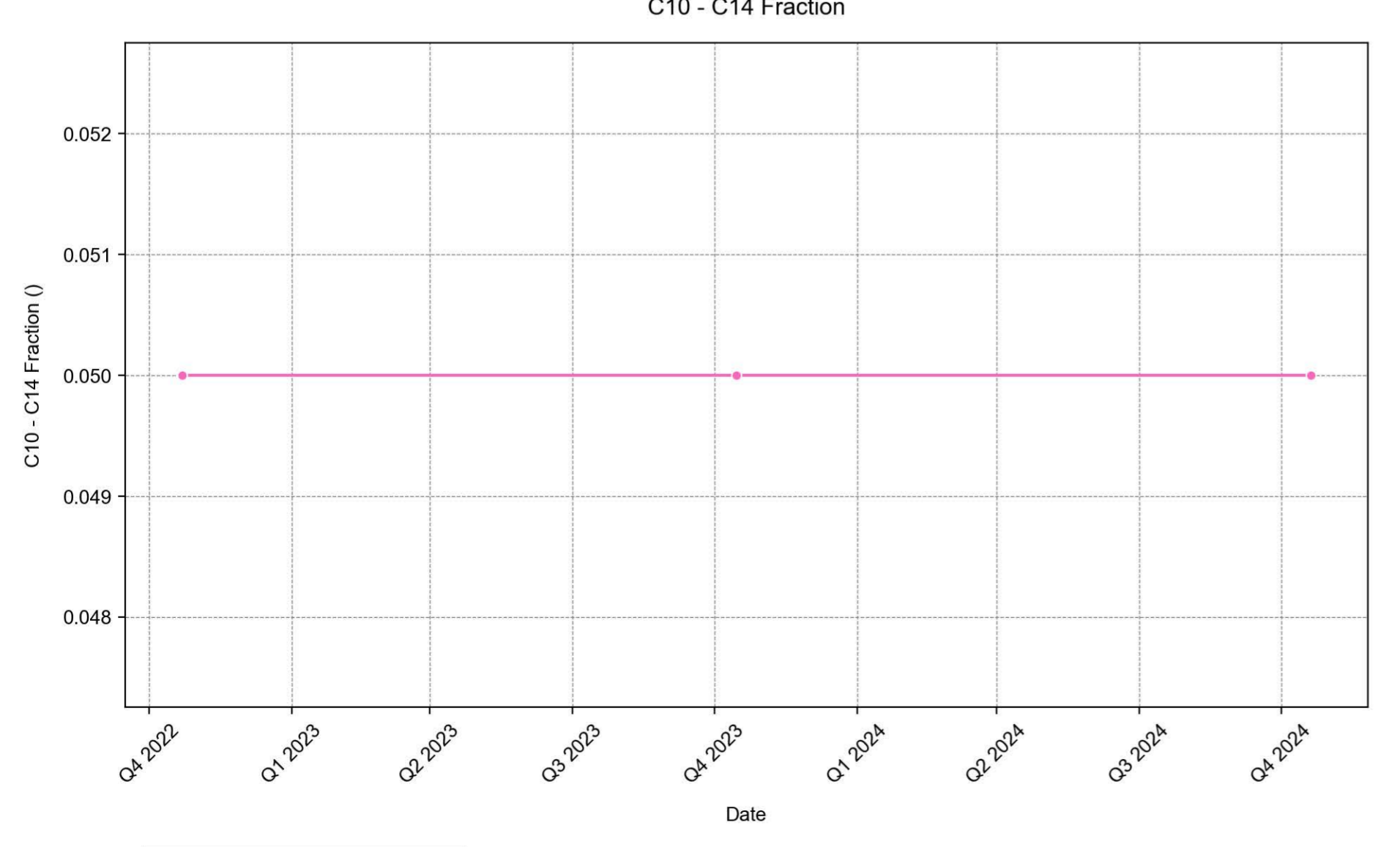
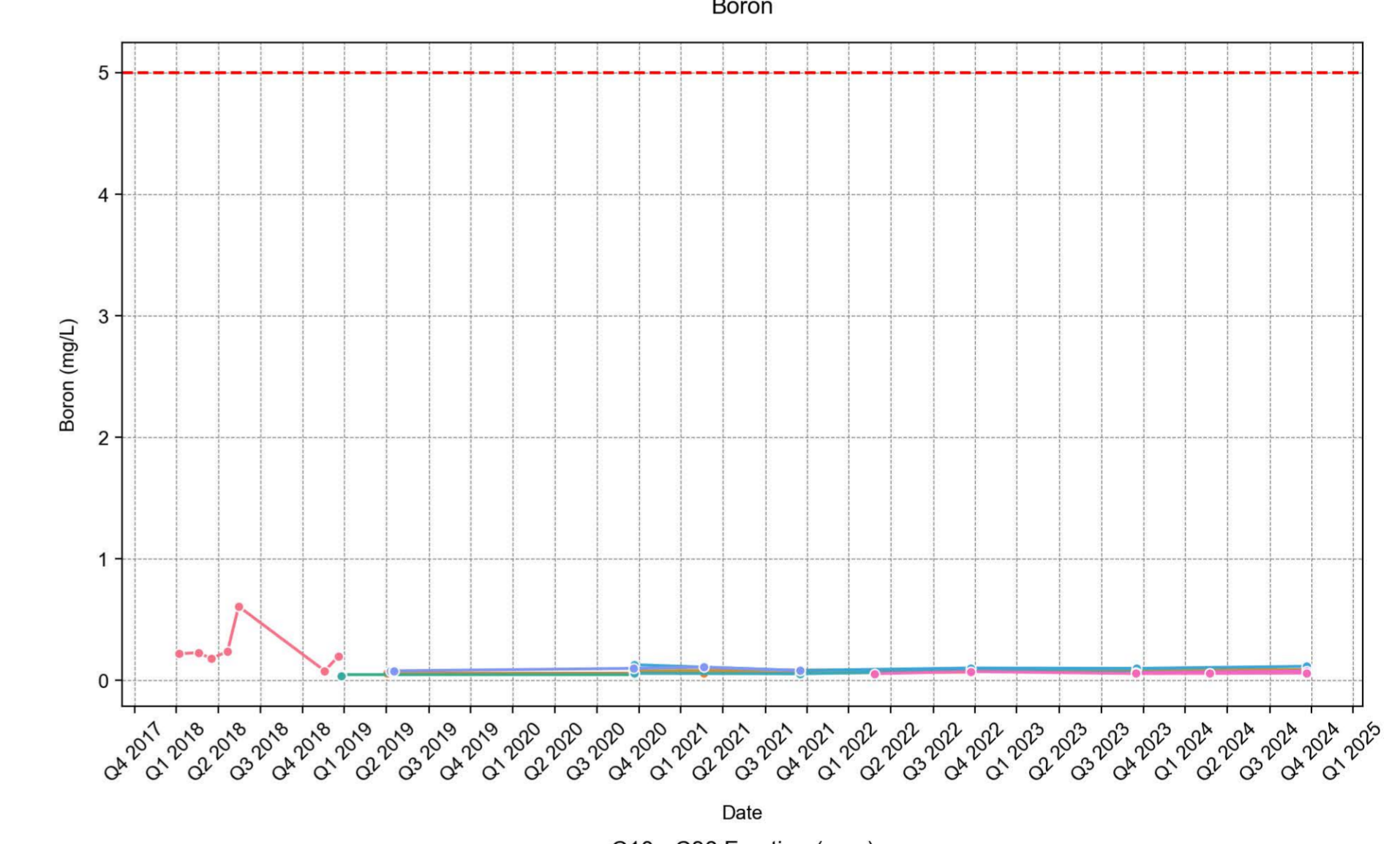
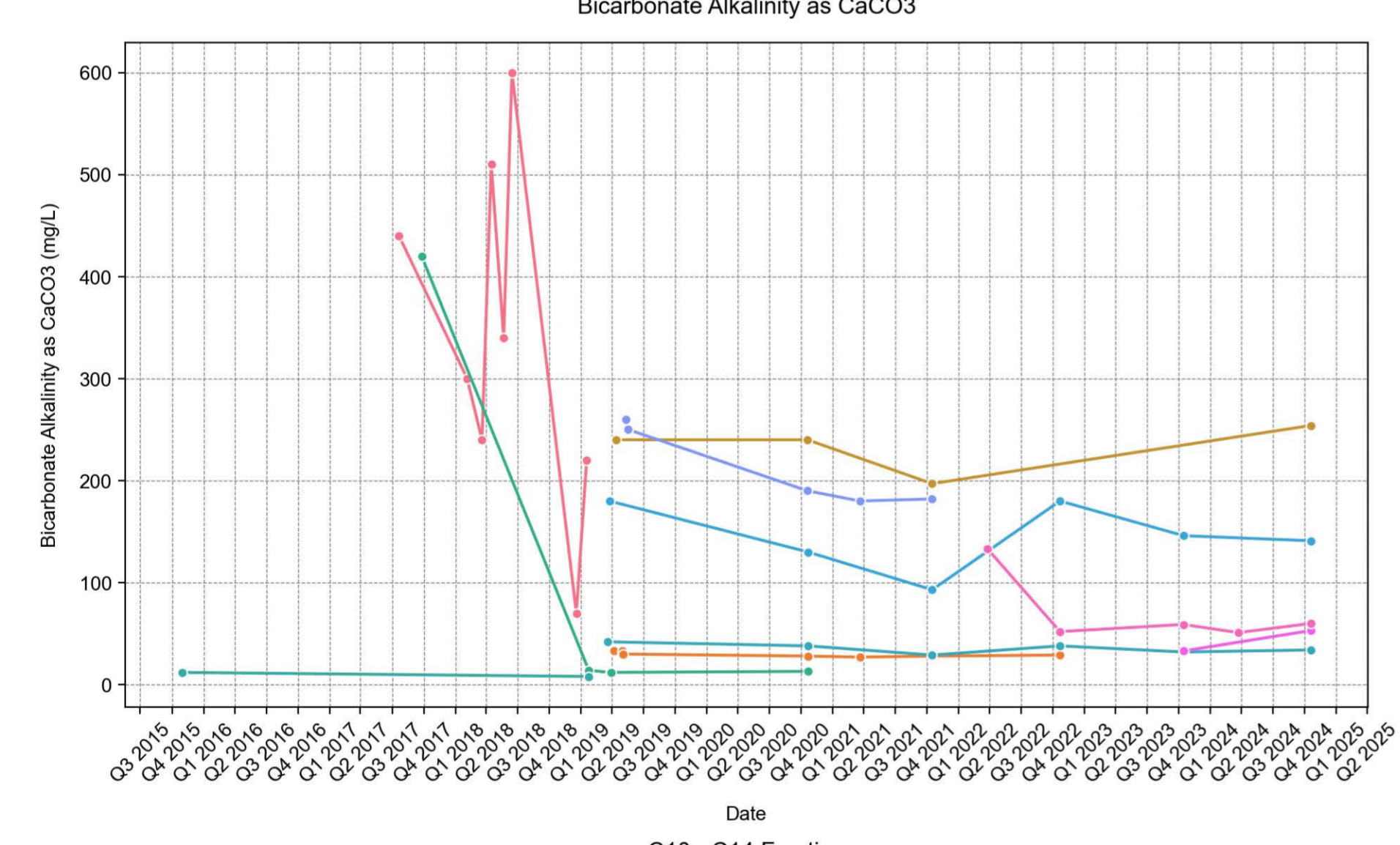
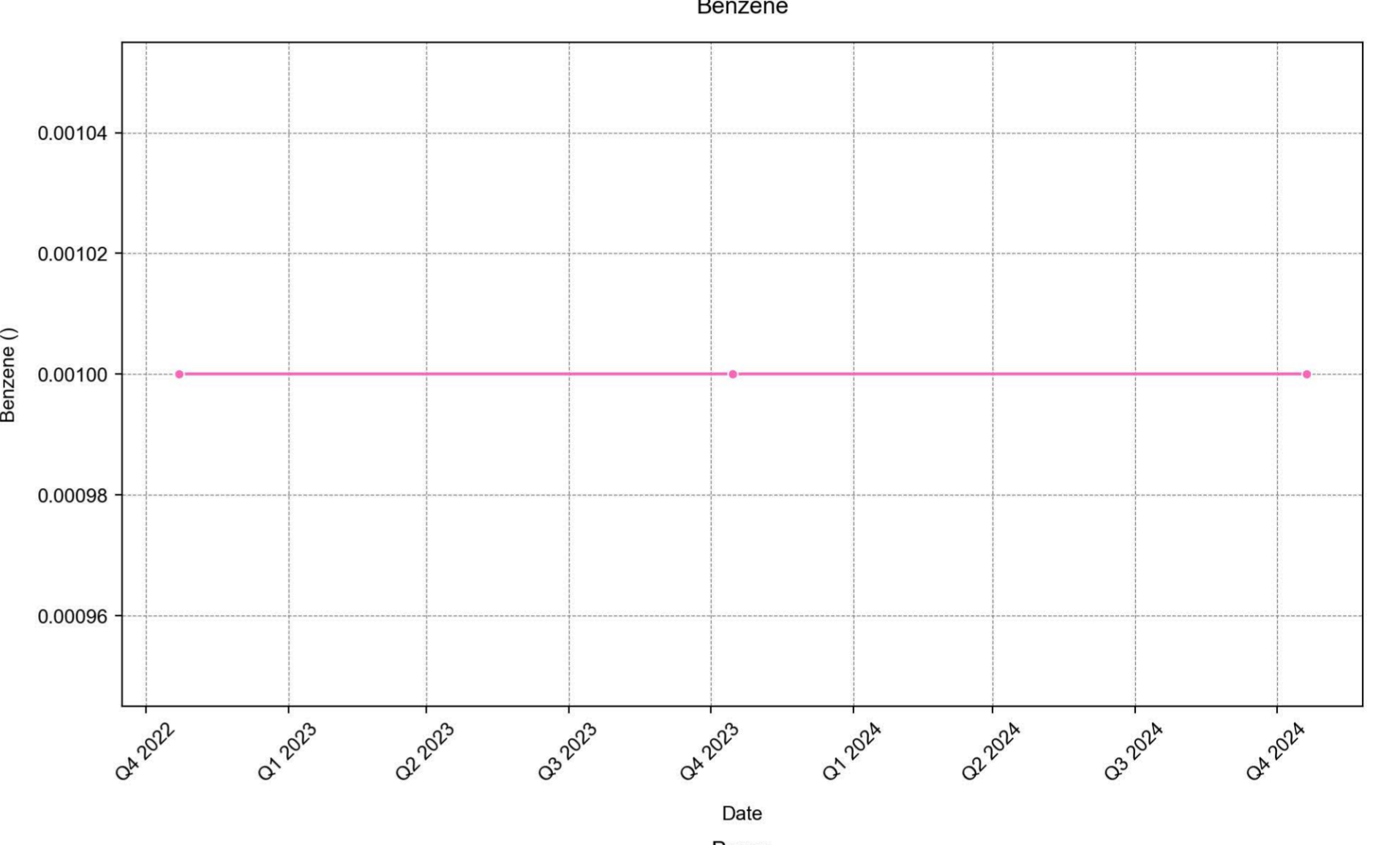
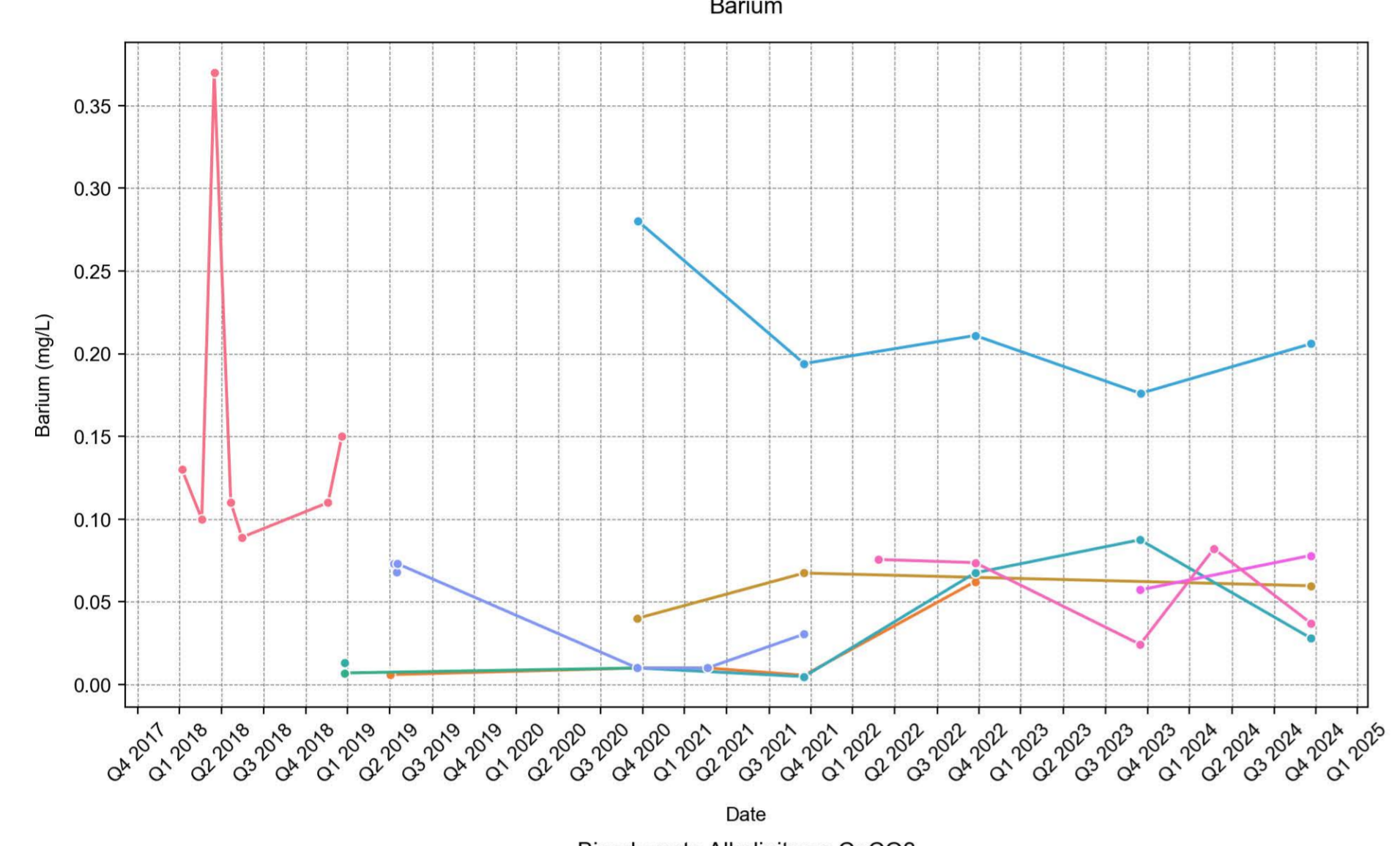
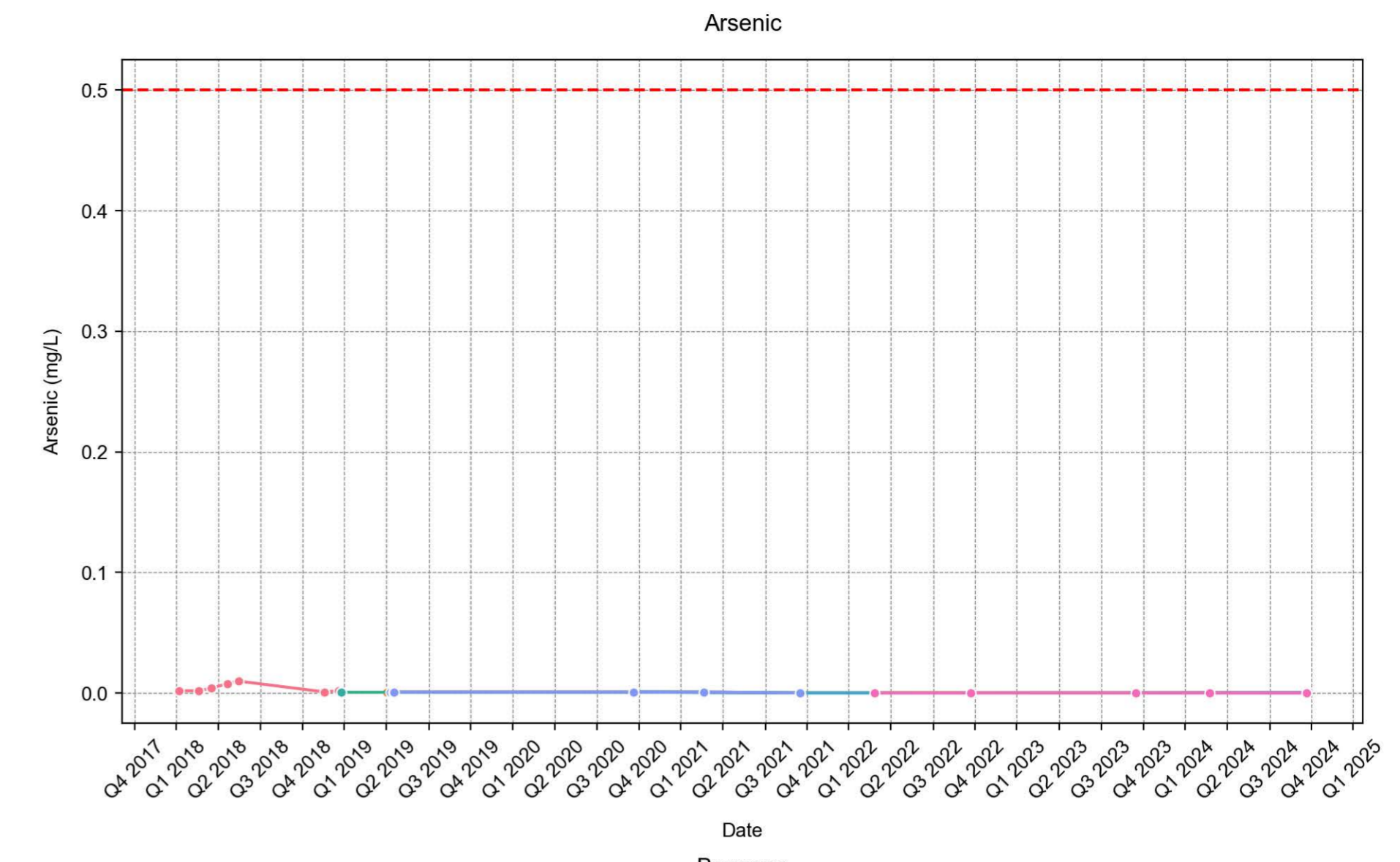
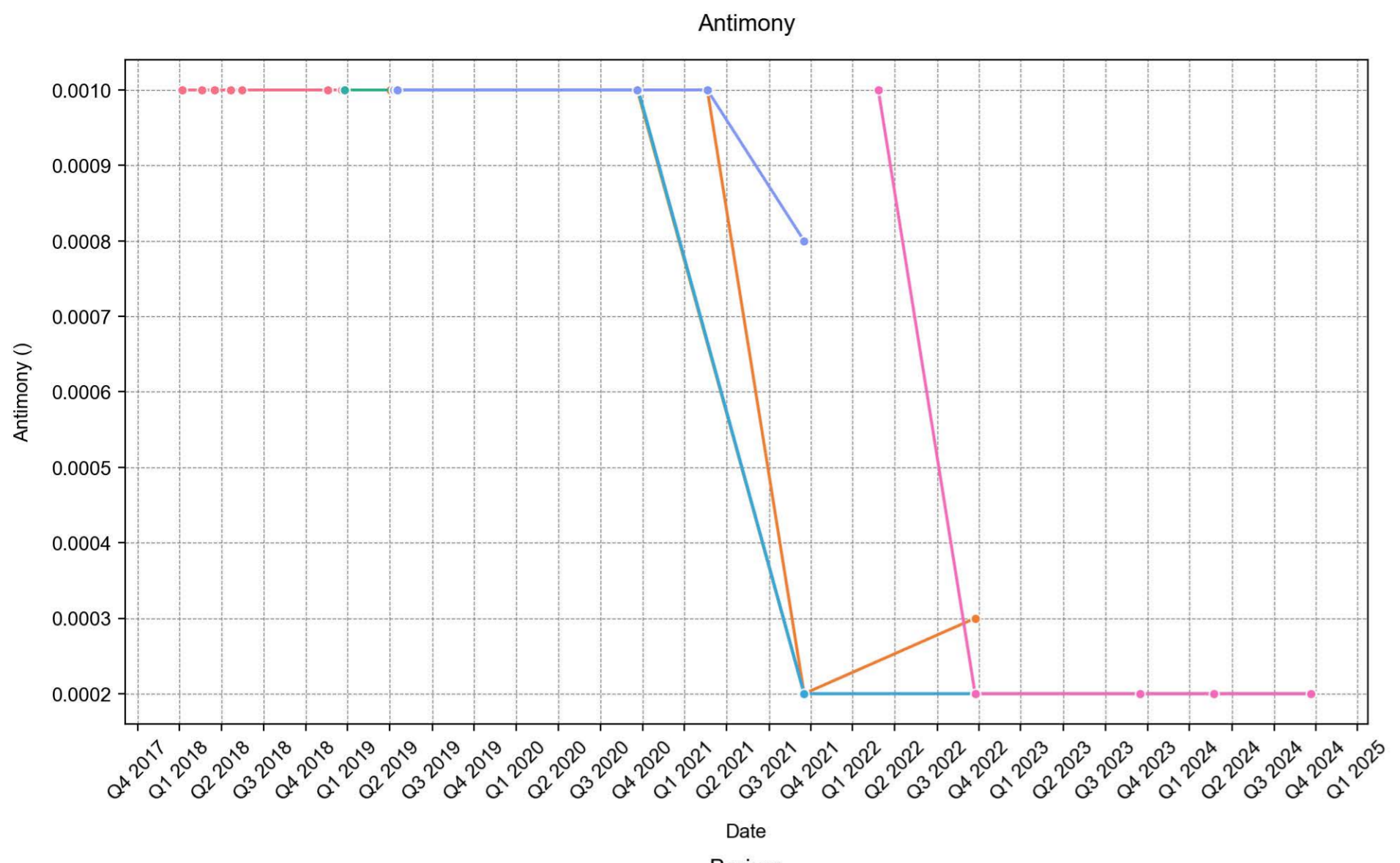


C34 - C40 Fraction

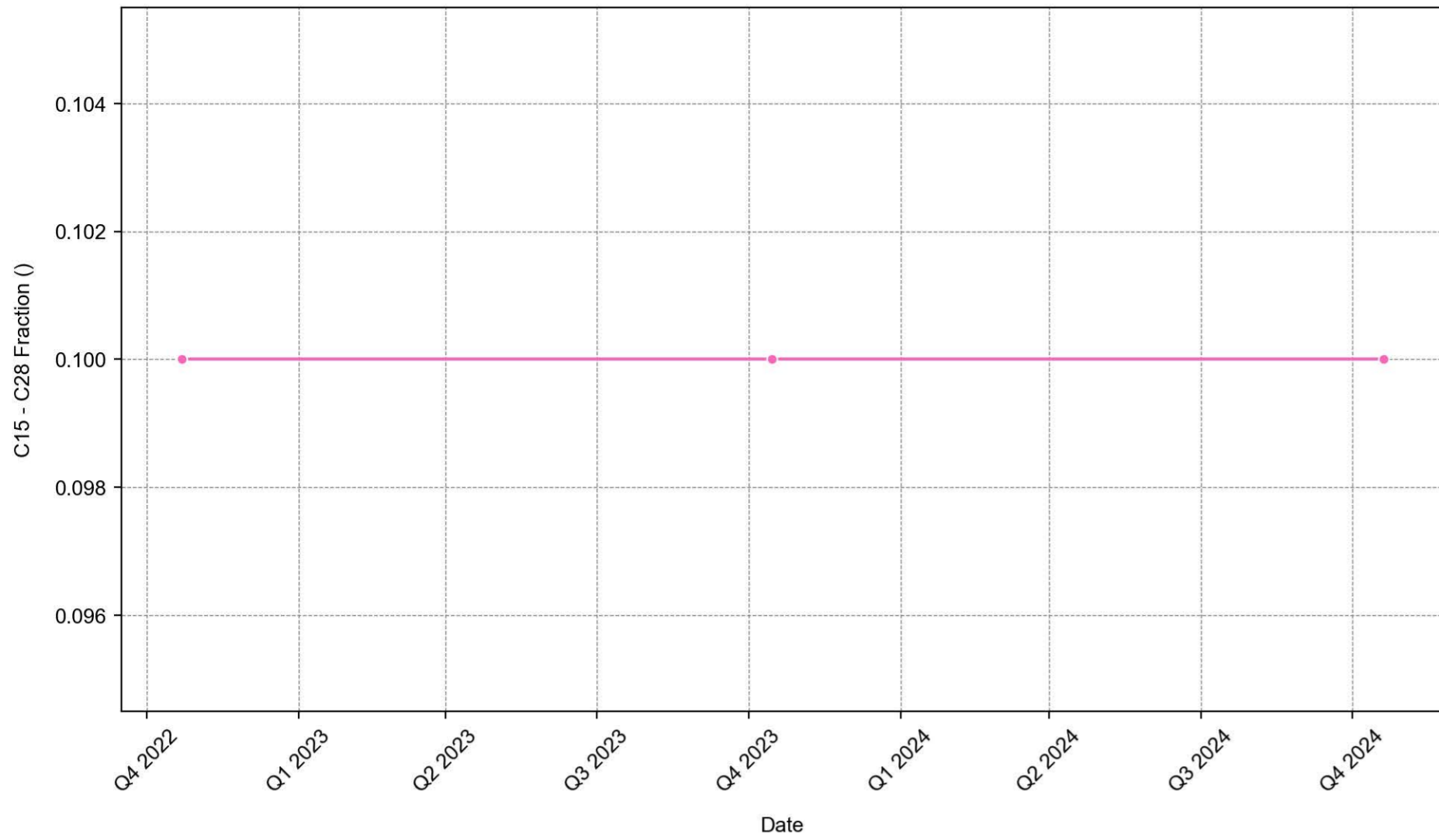


Aluminium

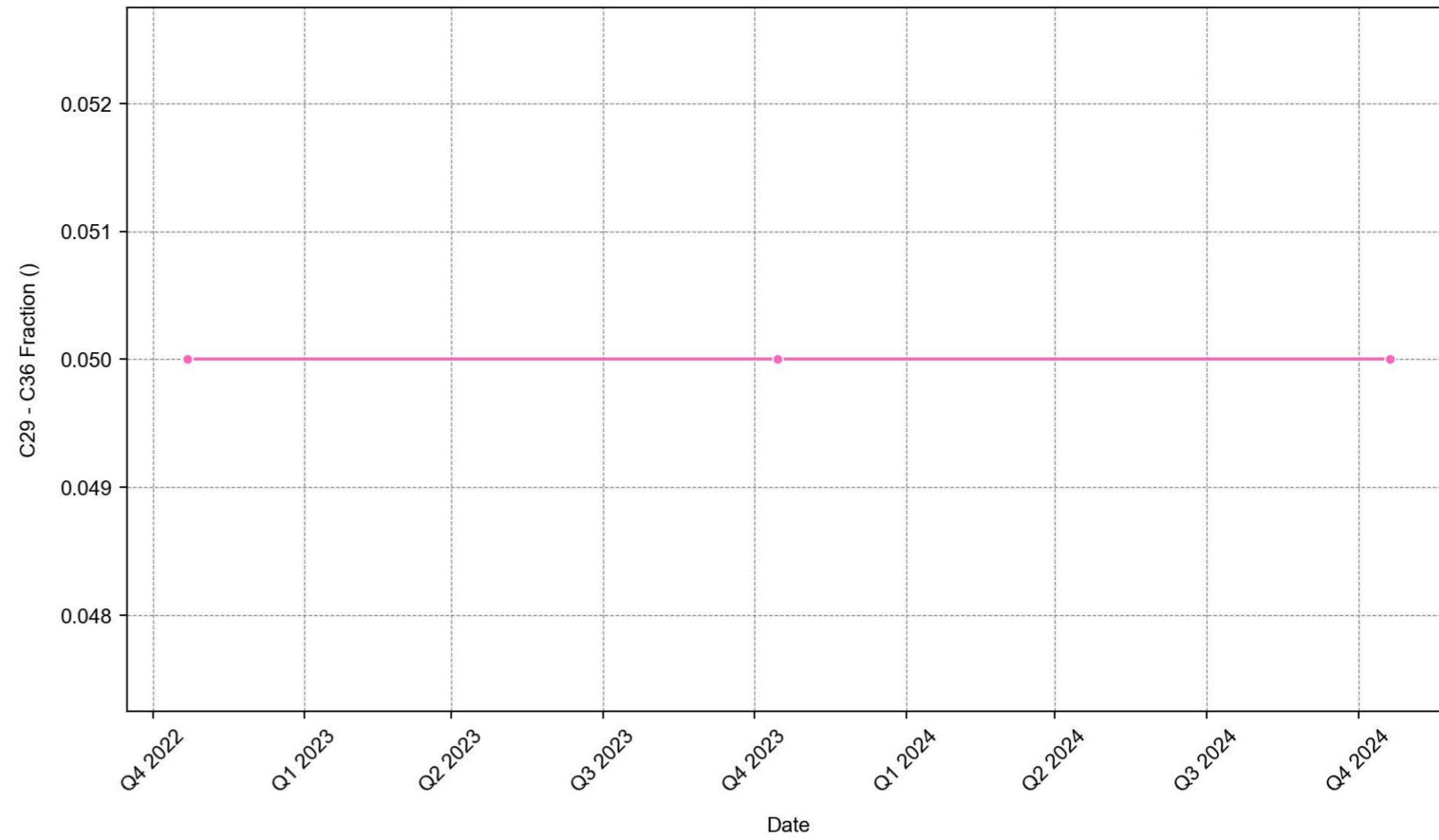




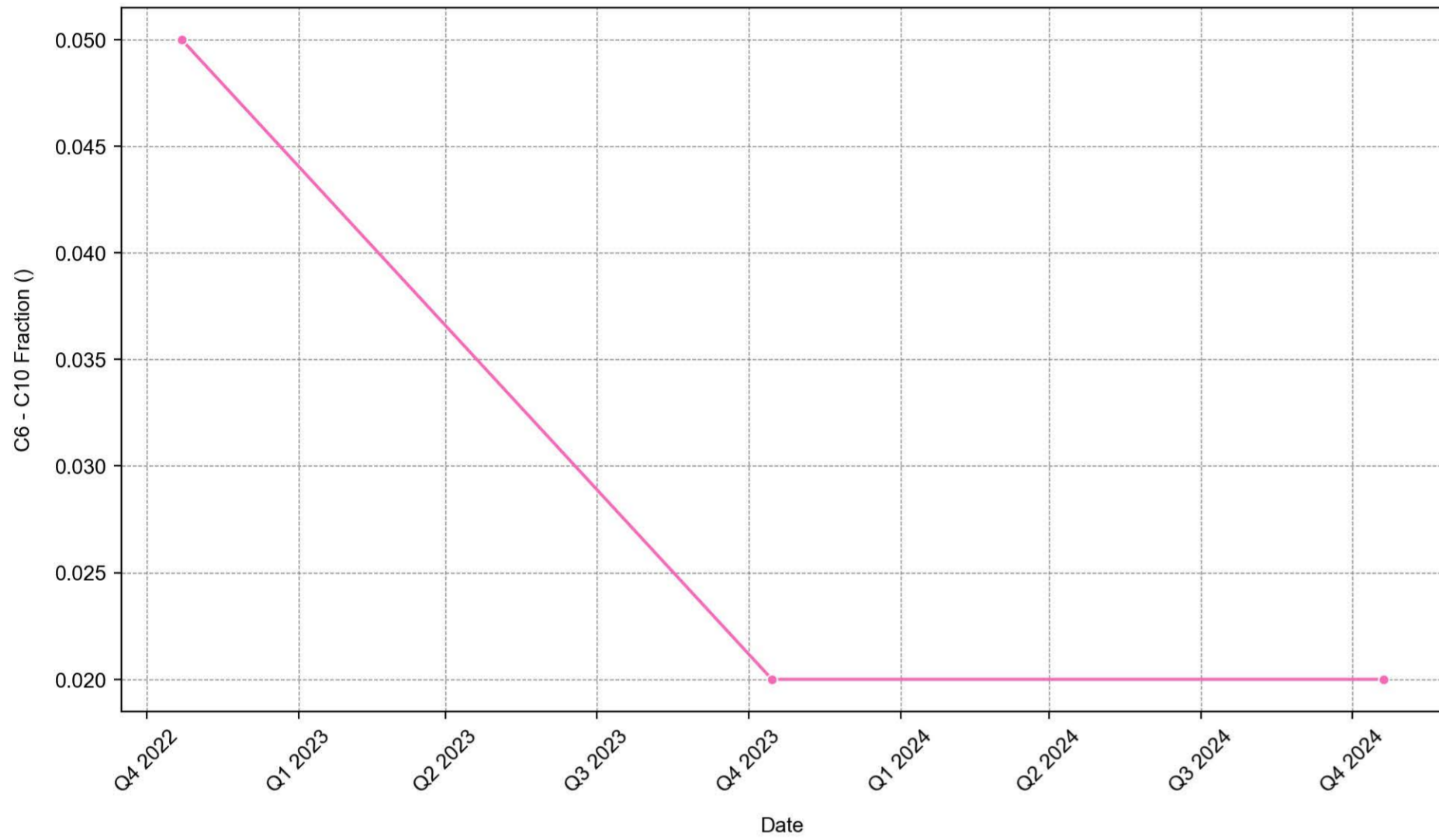
C15 - C28 Fraction



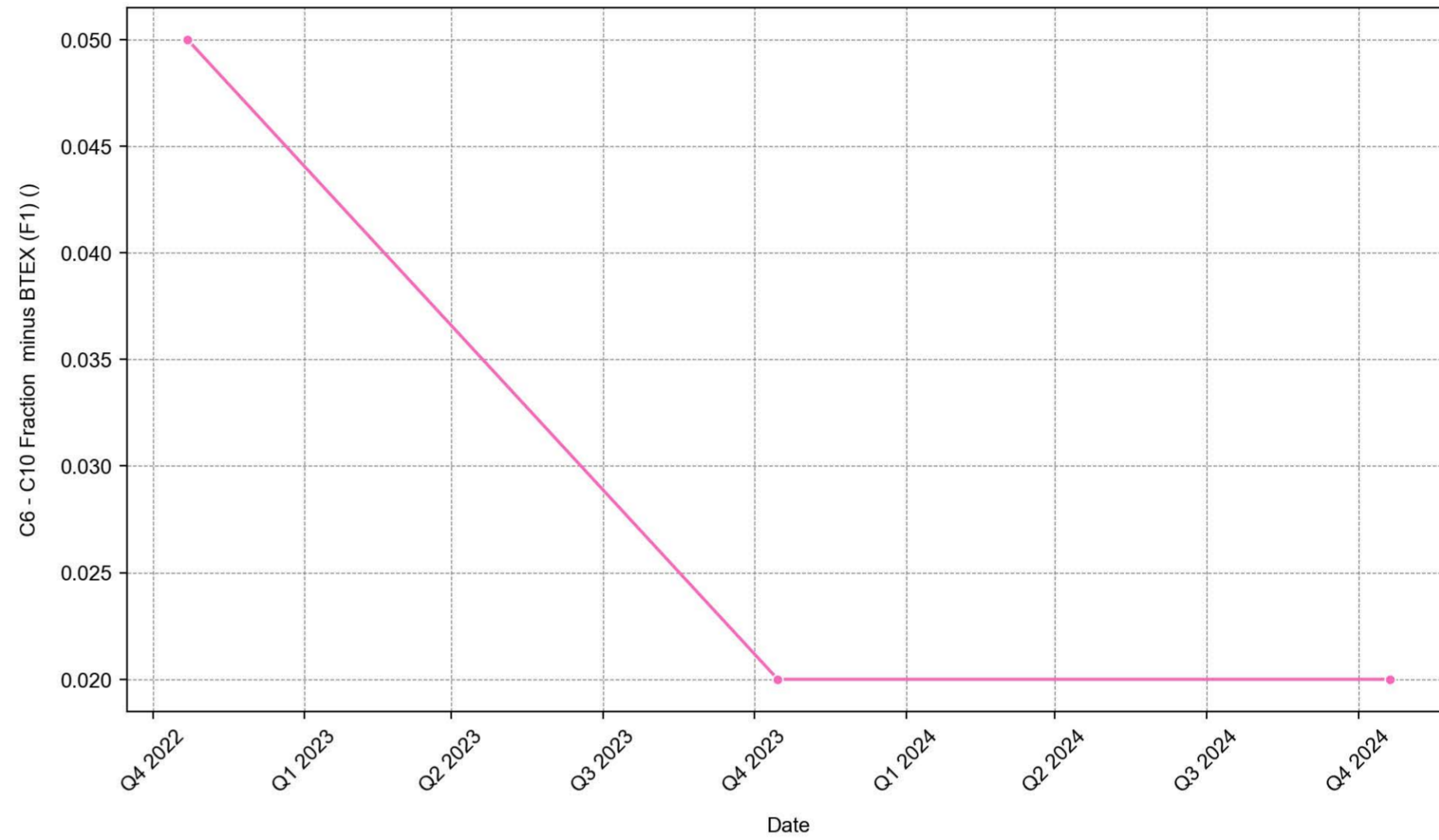
C29 - C36 Fraction



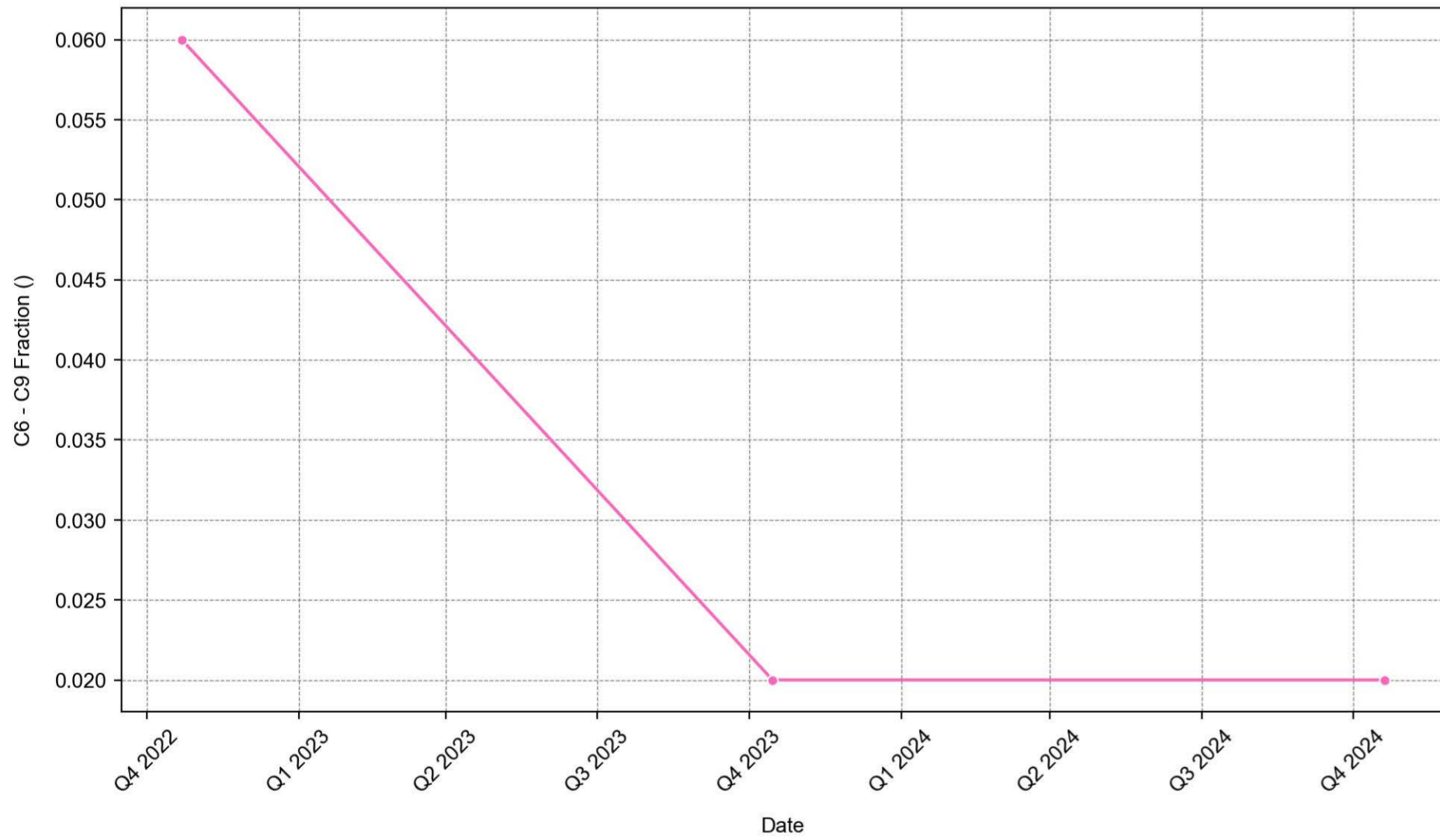
C6 - C10 Fraction



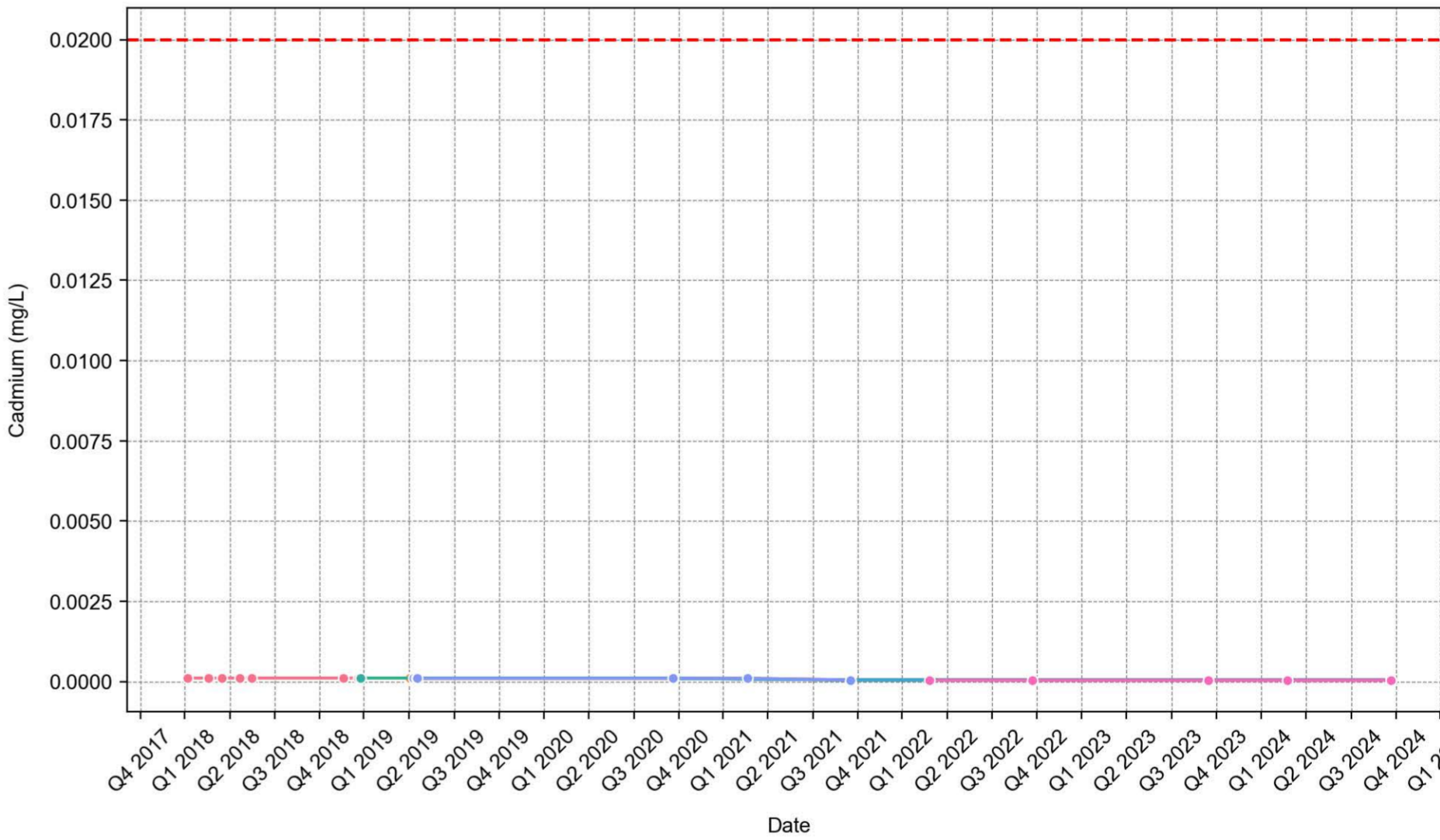
C6 - C10 Fraction minus BTEX (F1)



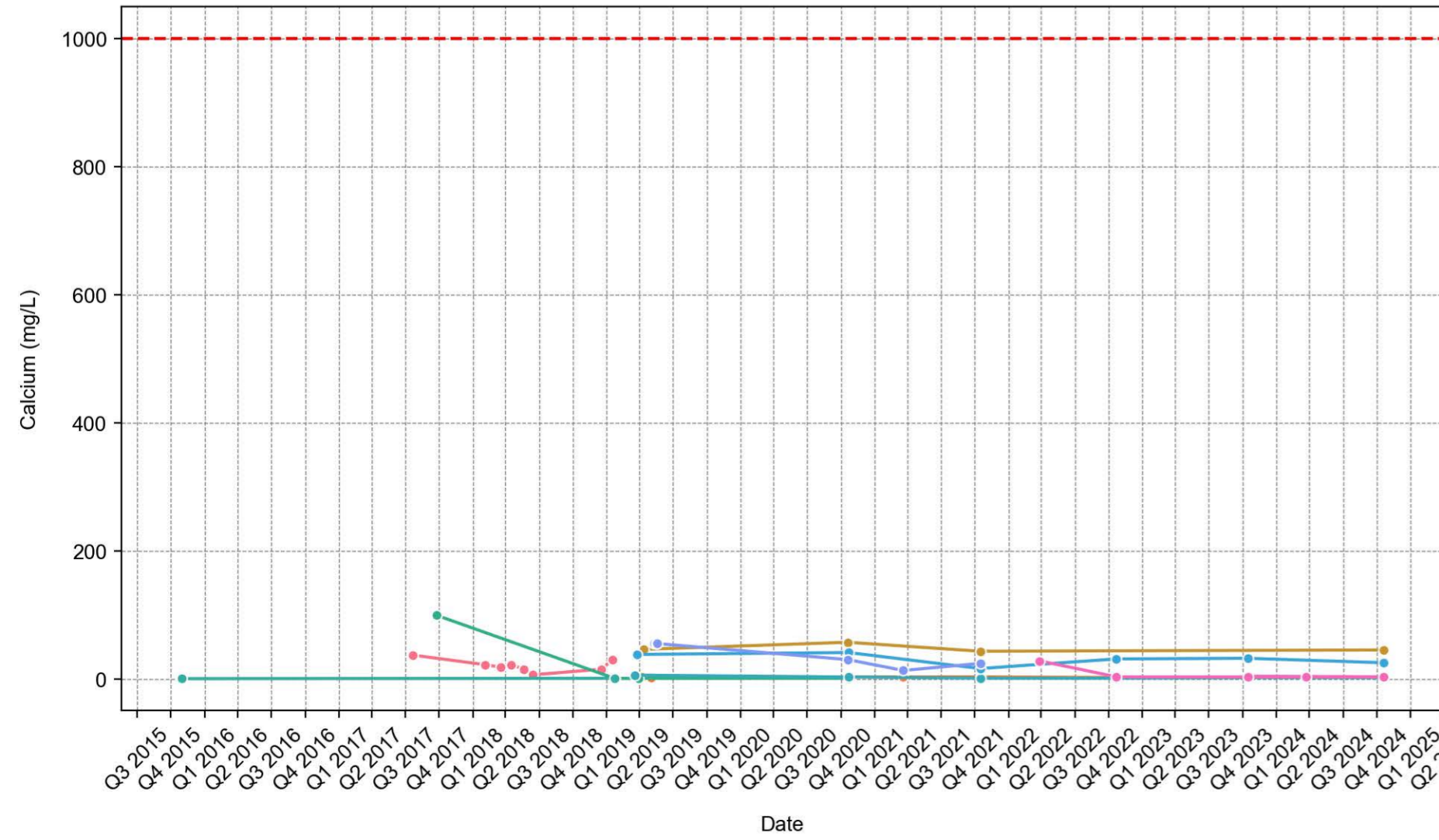
C6 - C9 Fraction



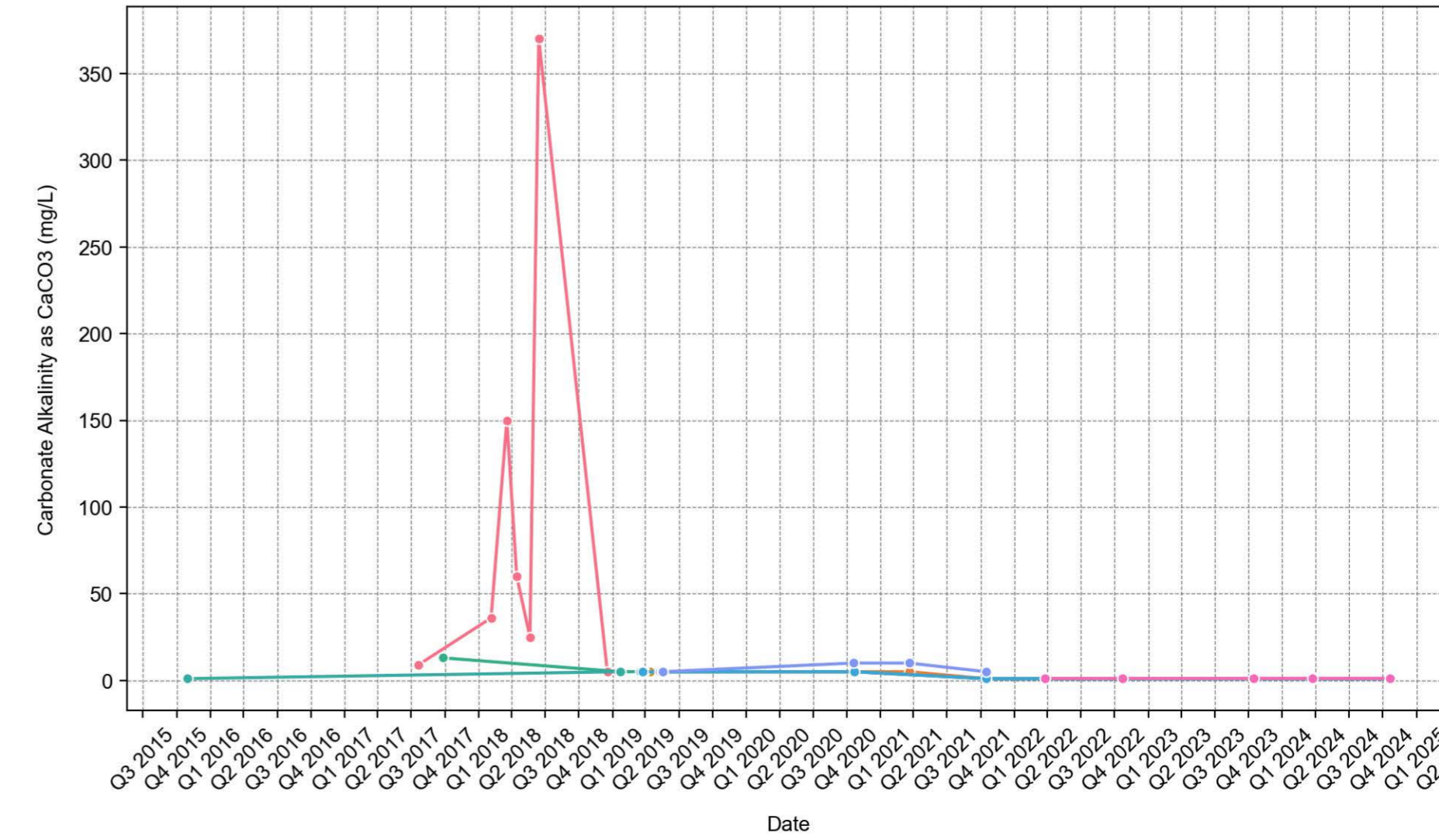
Cadmium



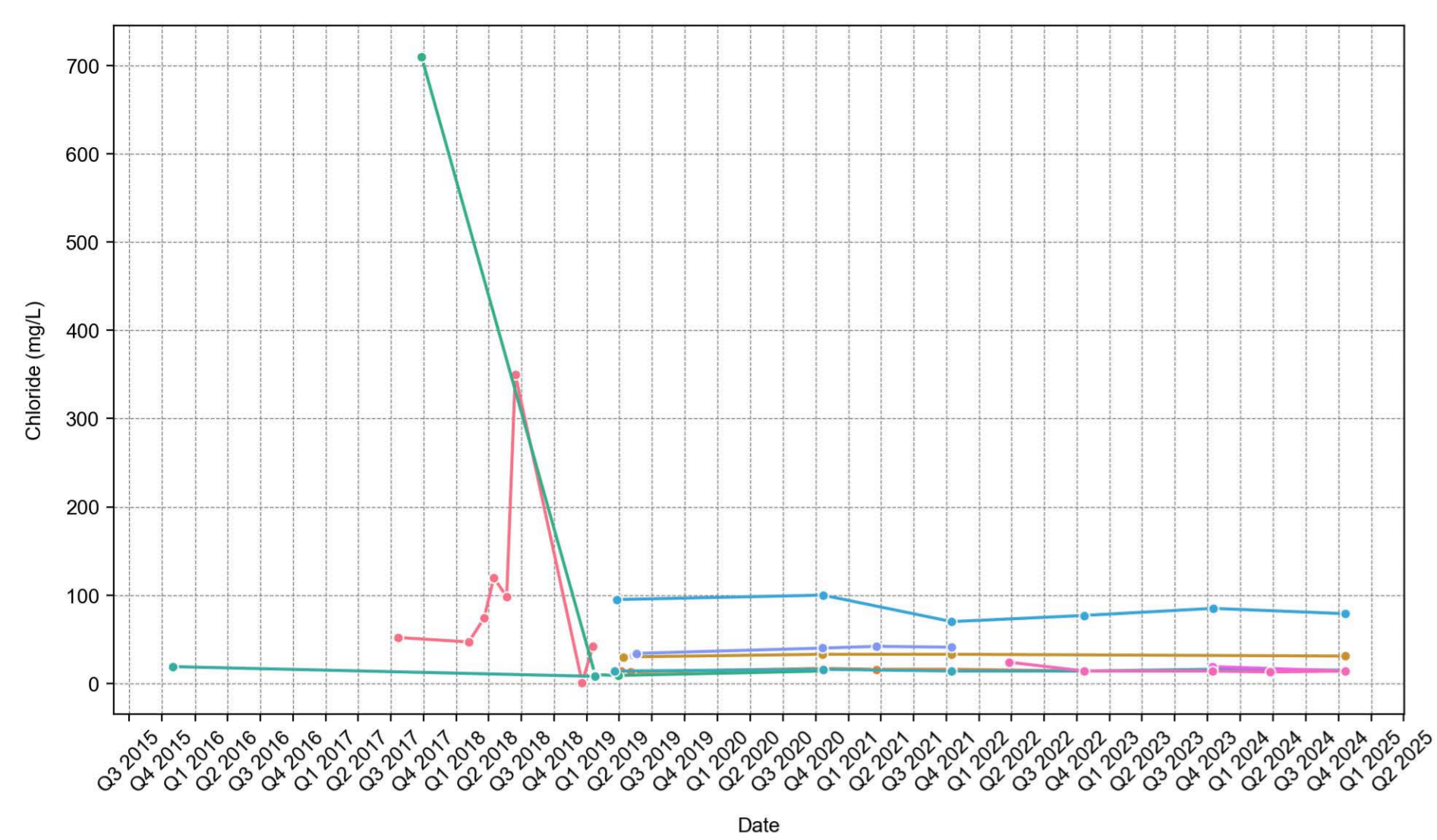
Calcium



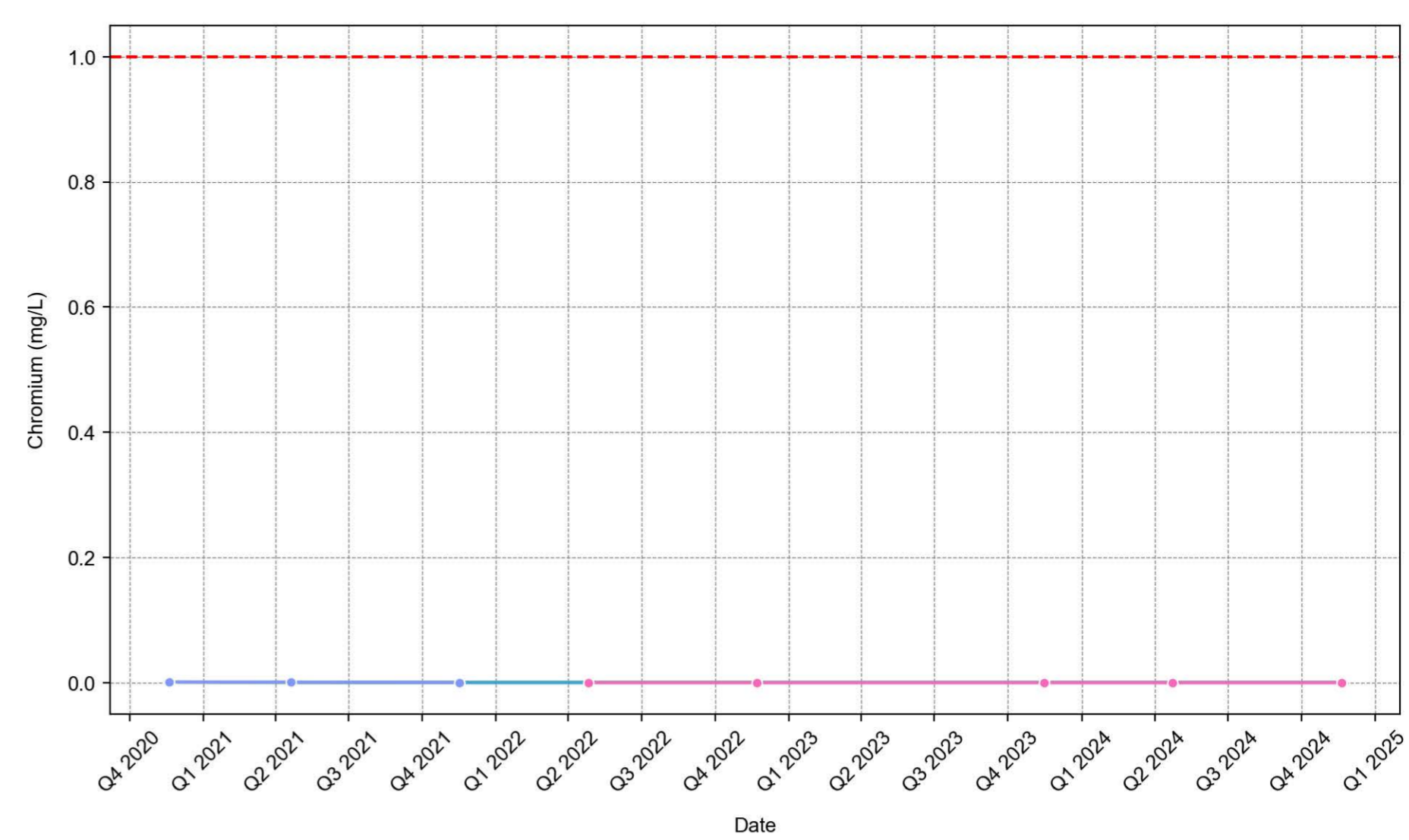
Carbonate Alkalinity as CaCO3



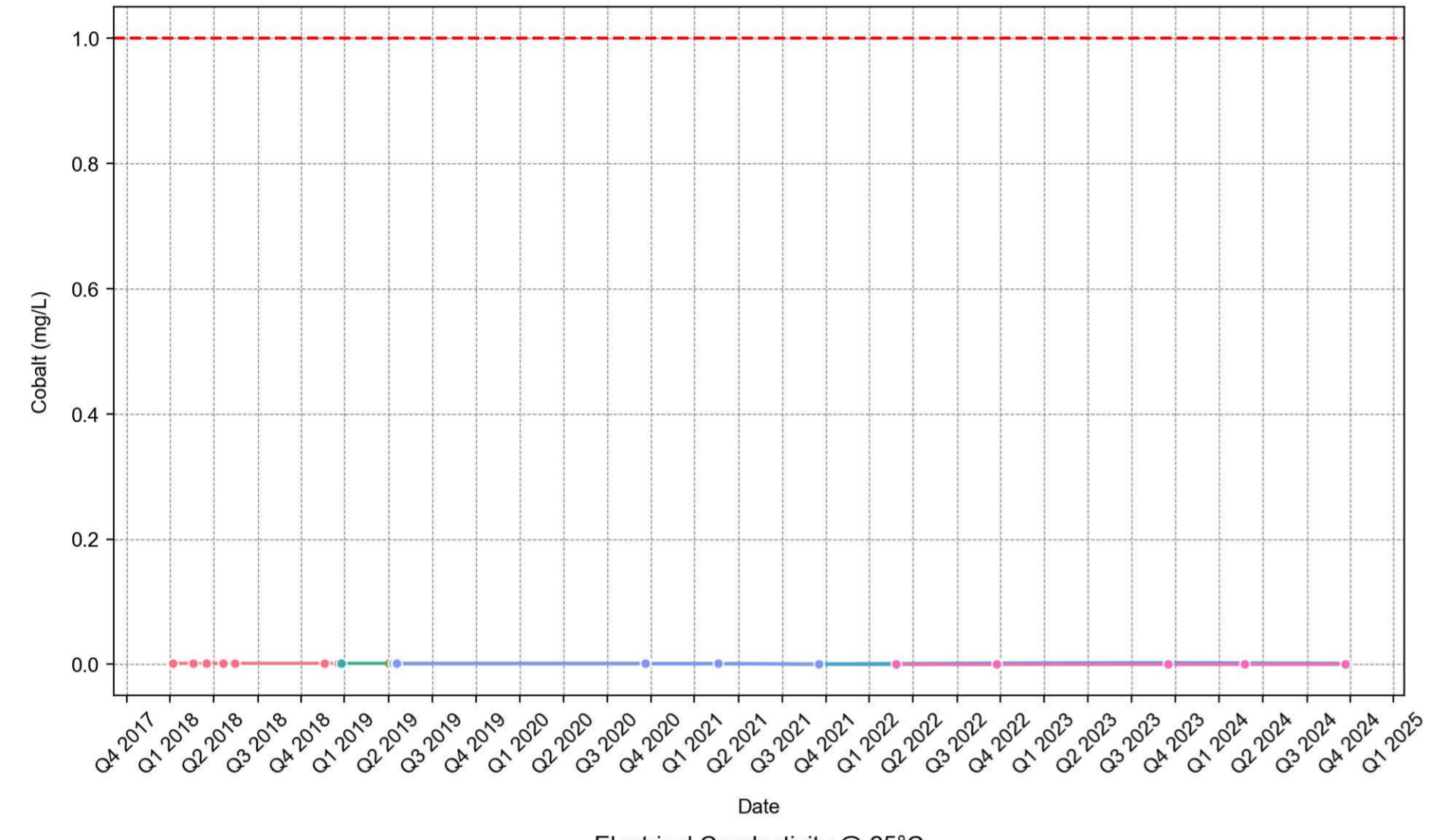
Chloride



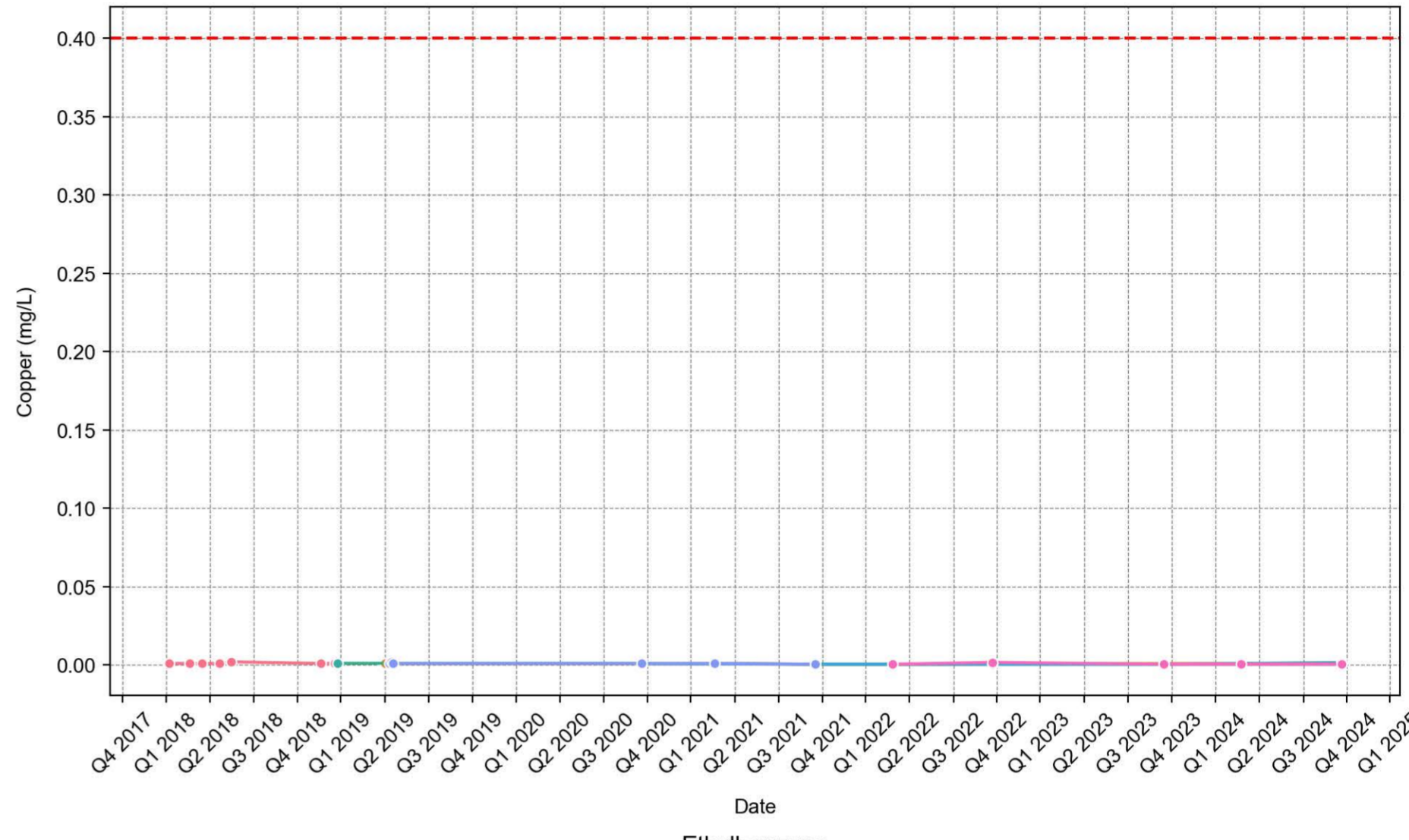
Chromium



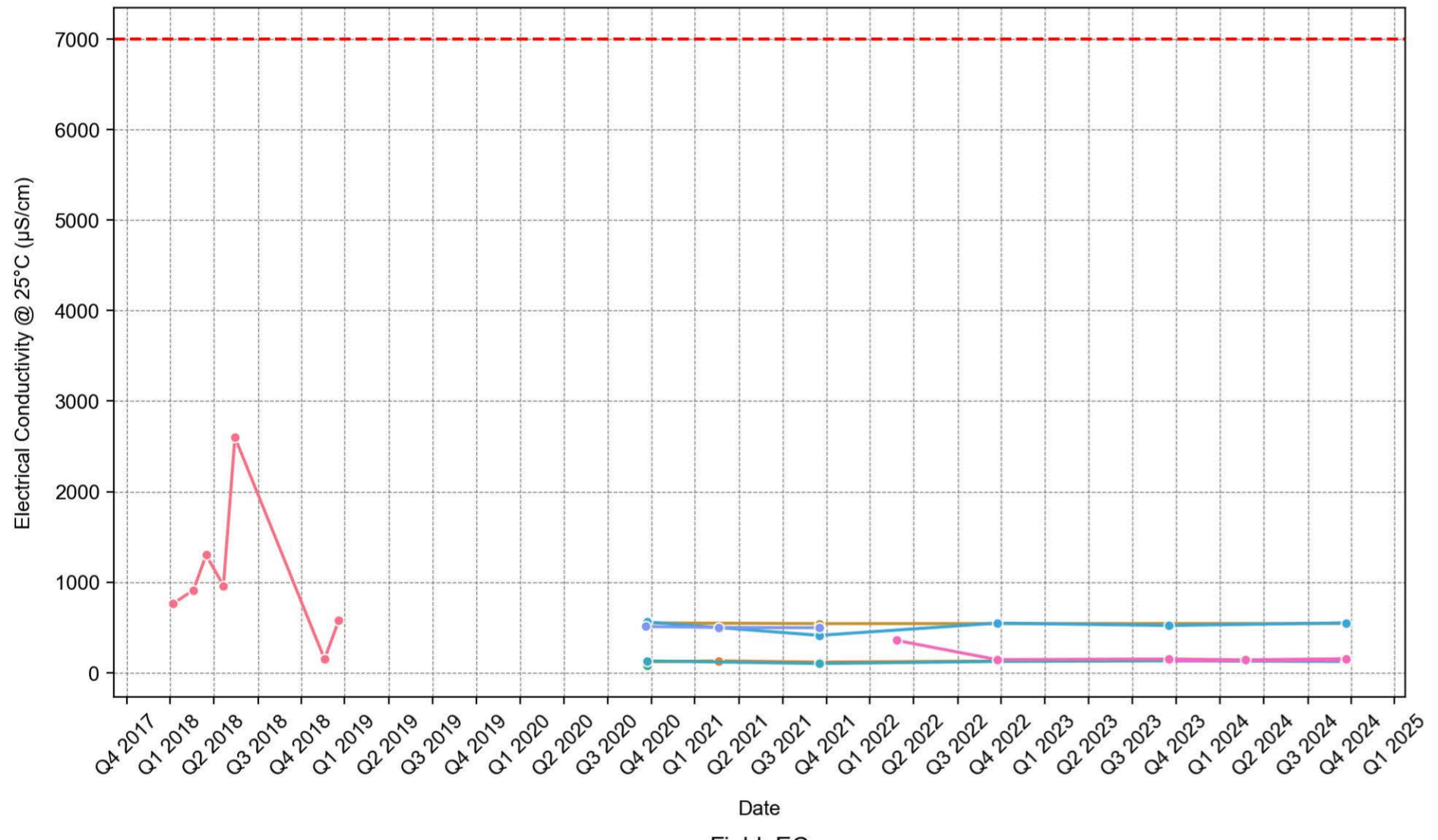
Cobalt



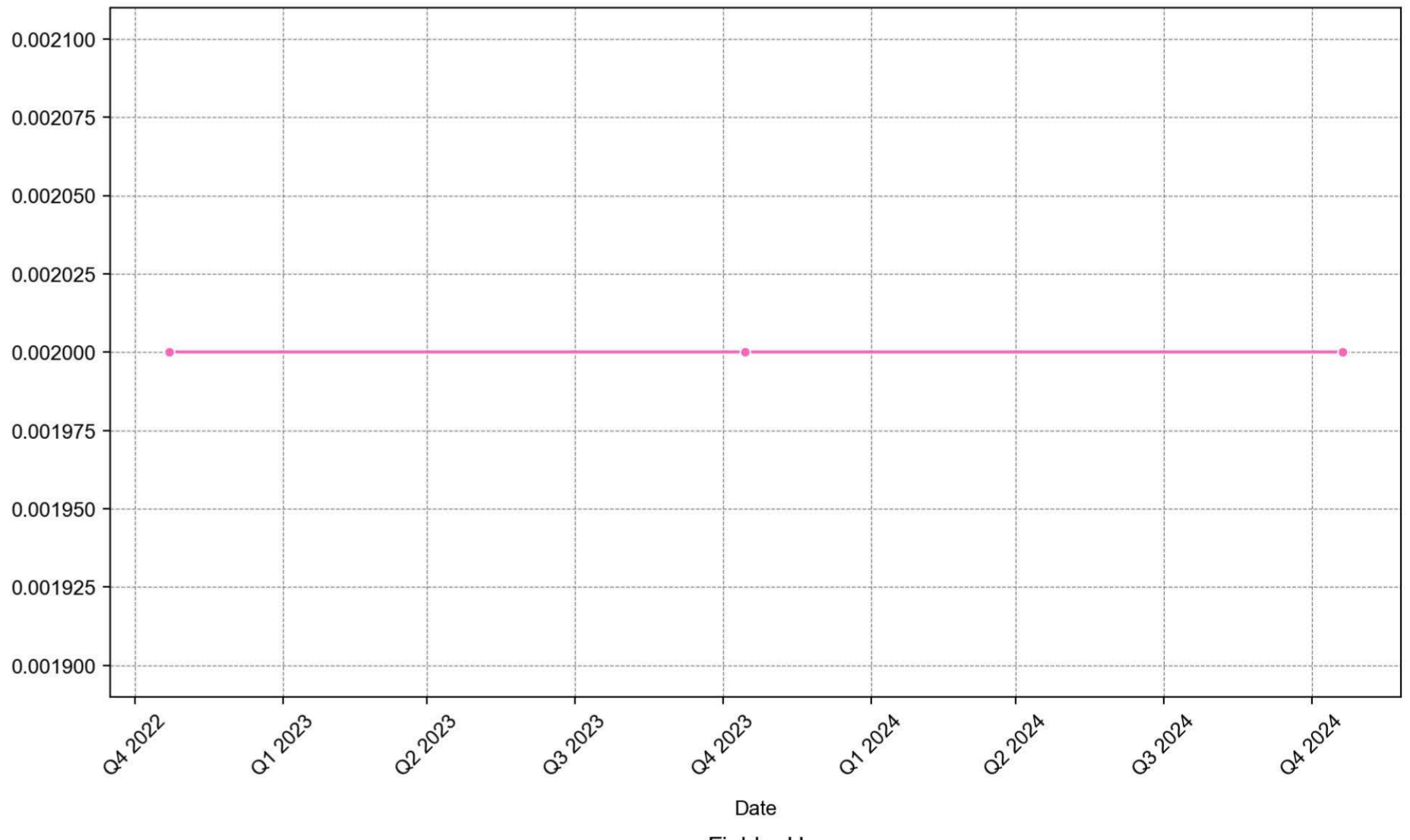
Copper



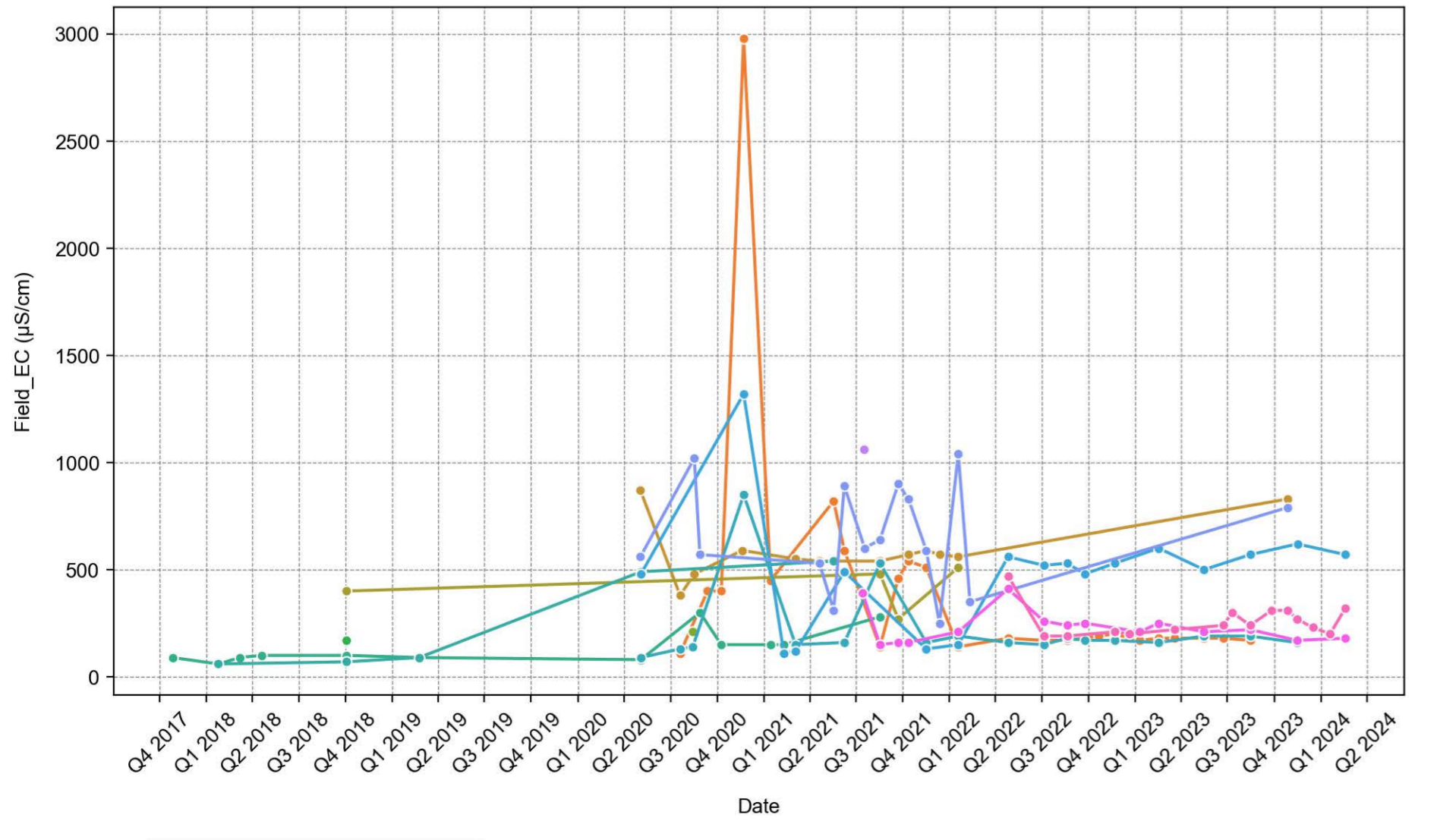
Electrical Conductivity @ 25°C



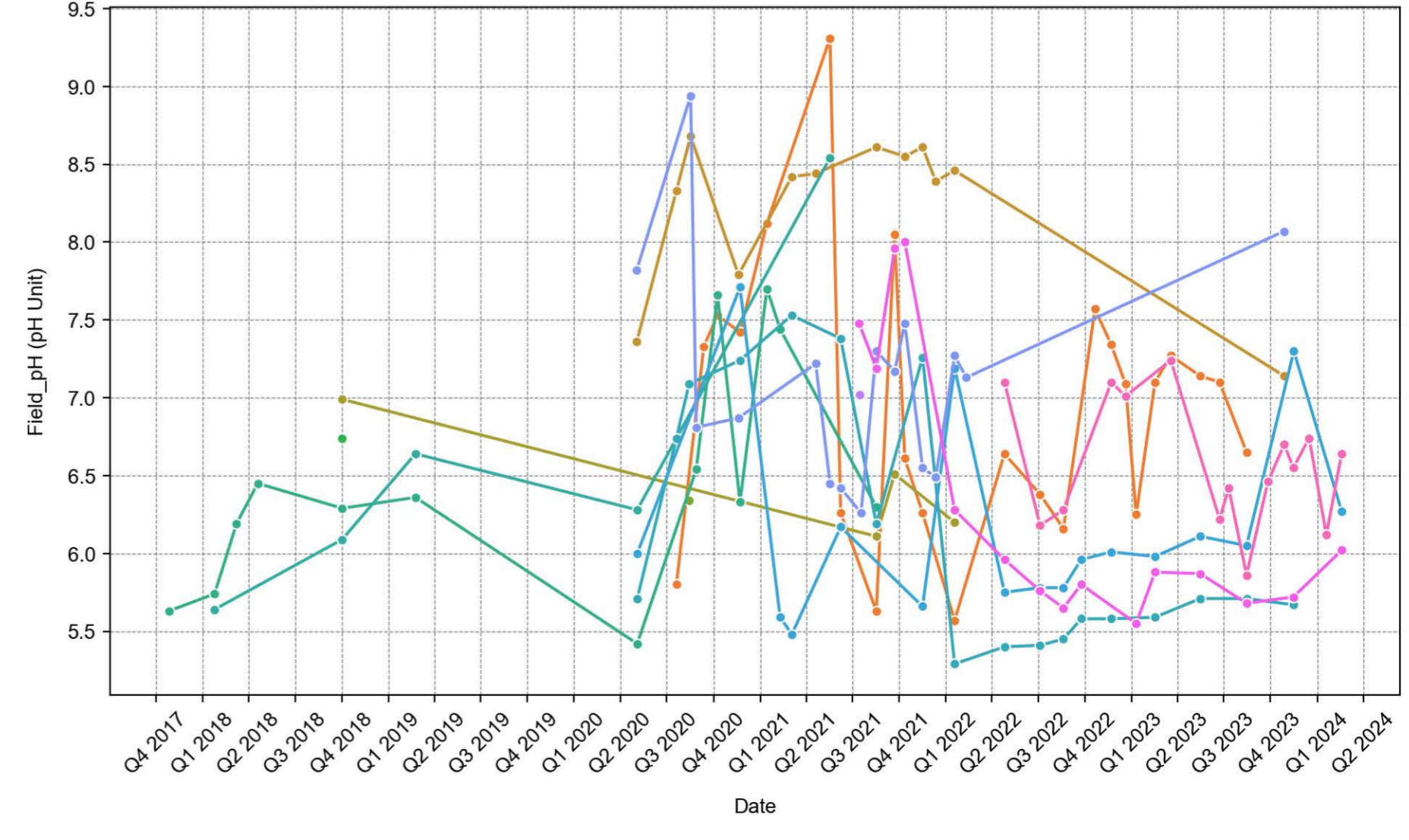
Ethylbenzene



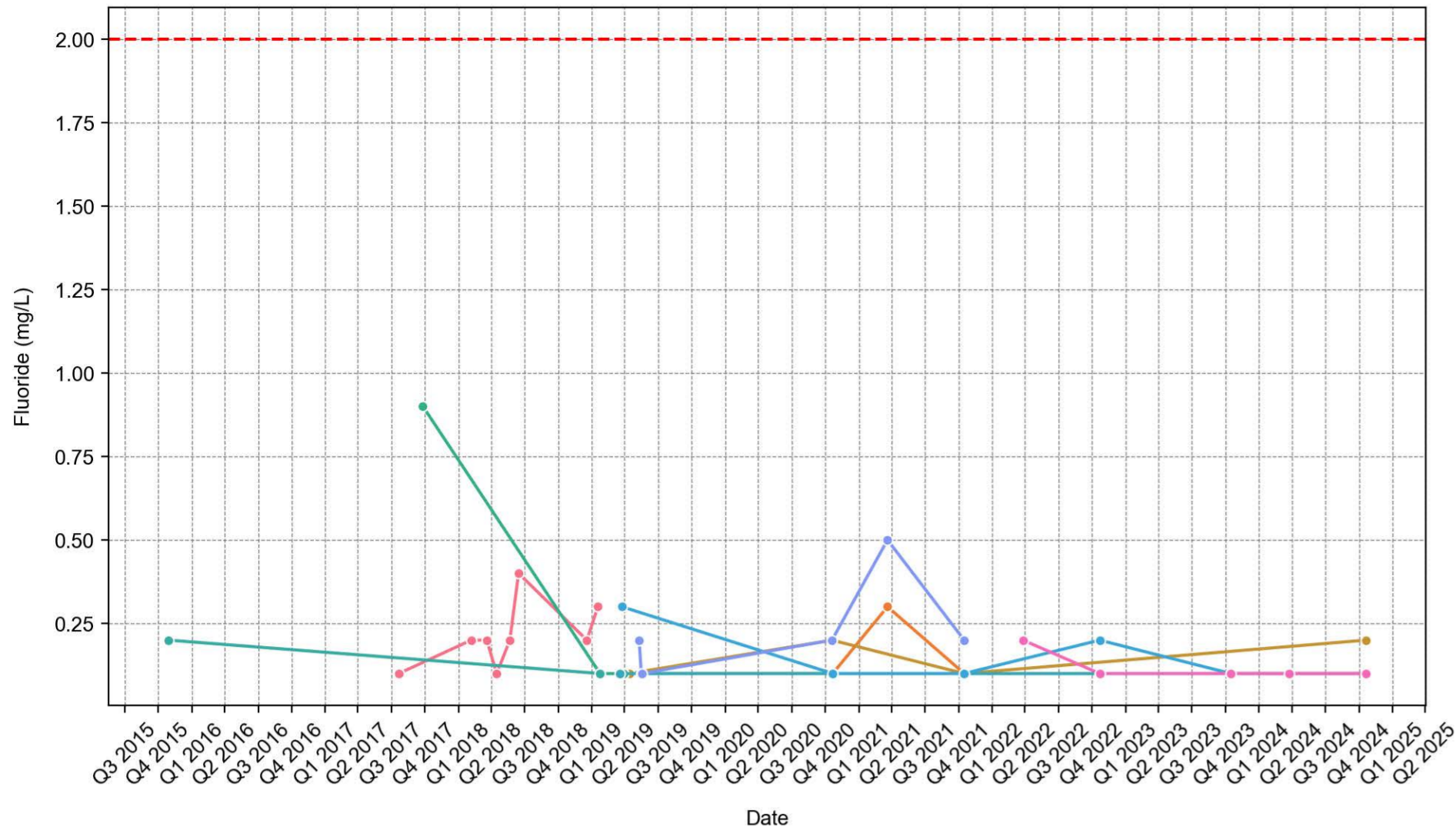
Field\_EC



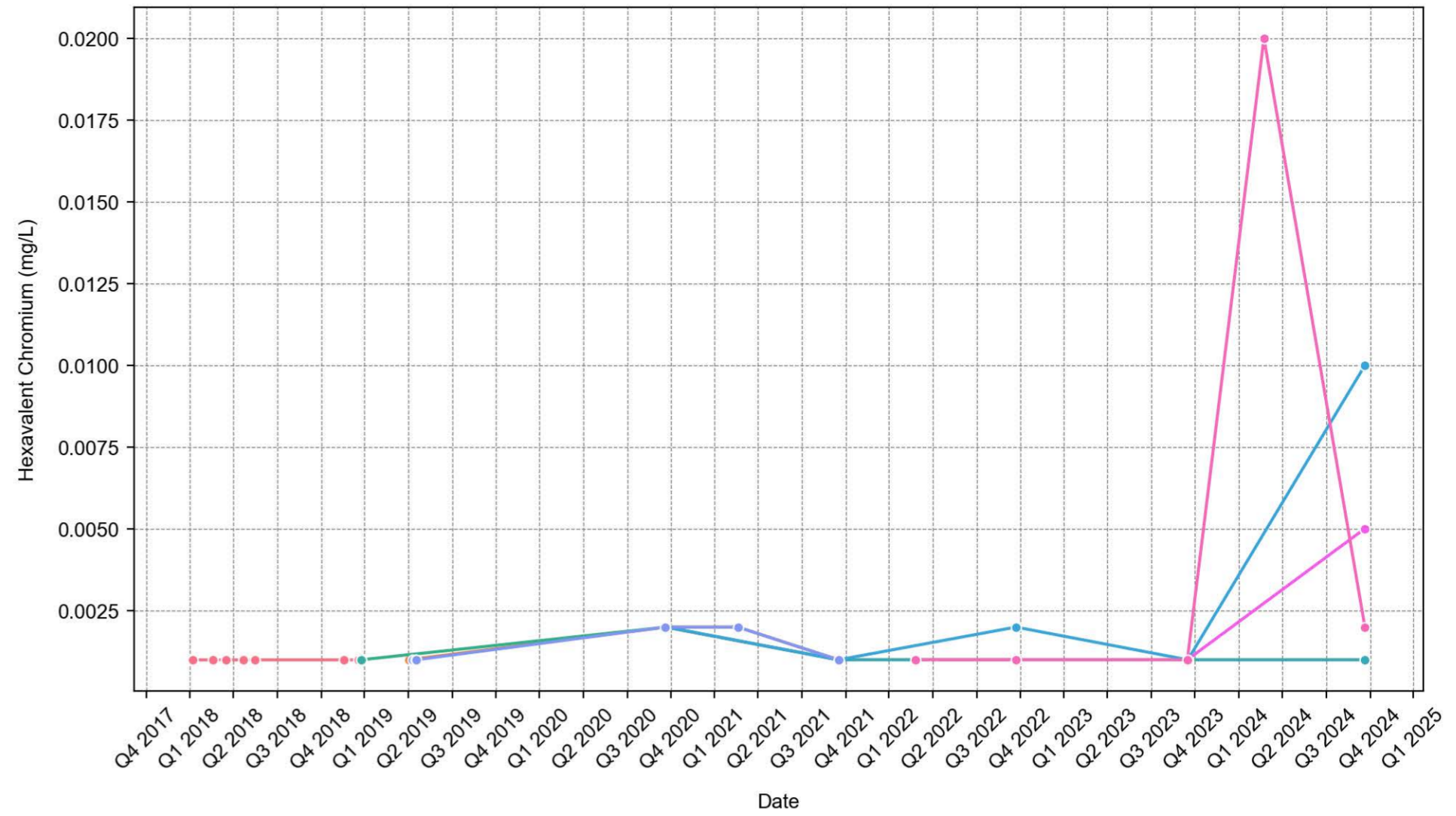
Field\_pH



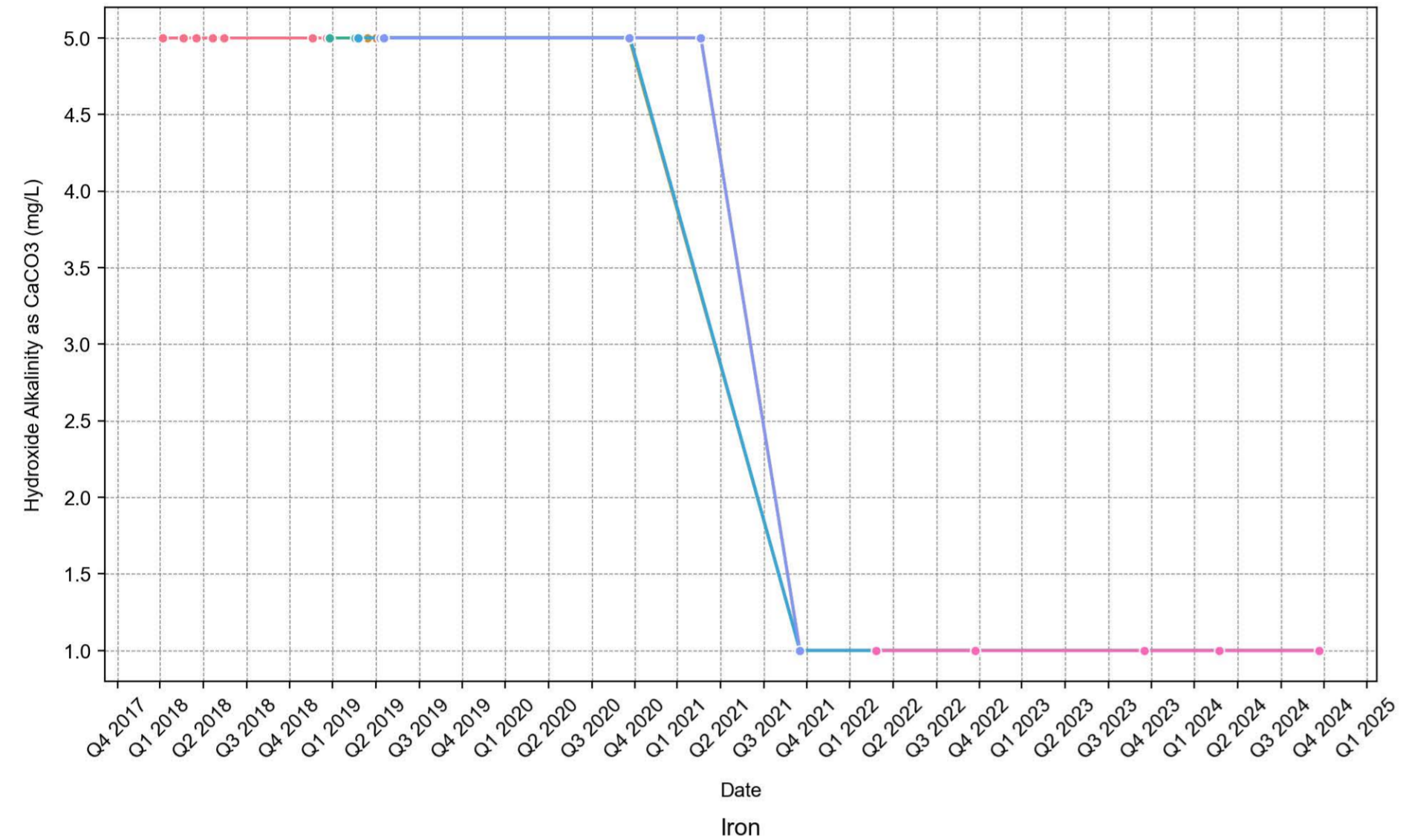
Fluoride



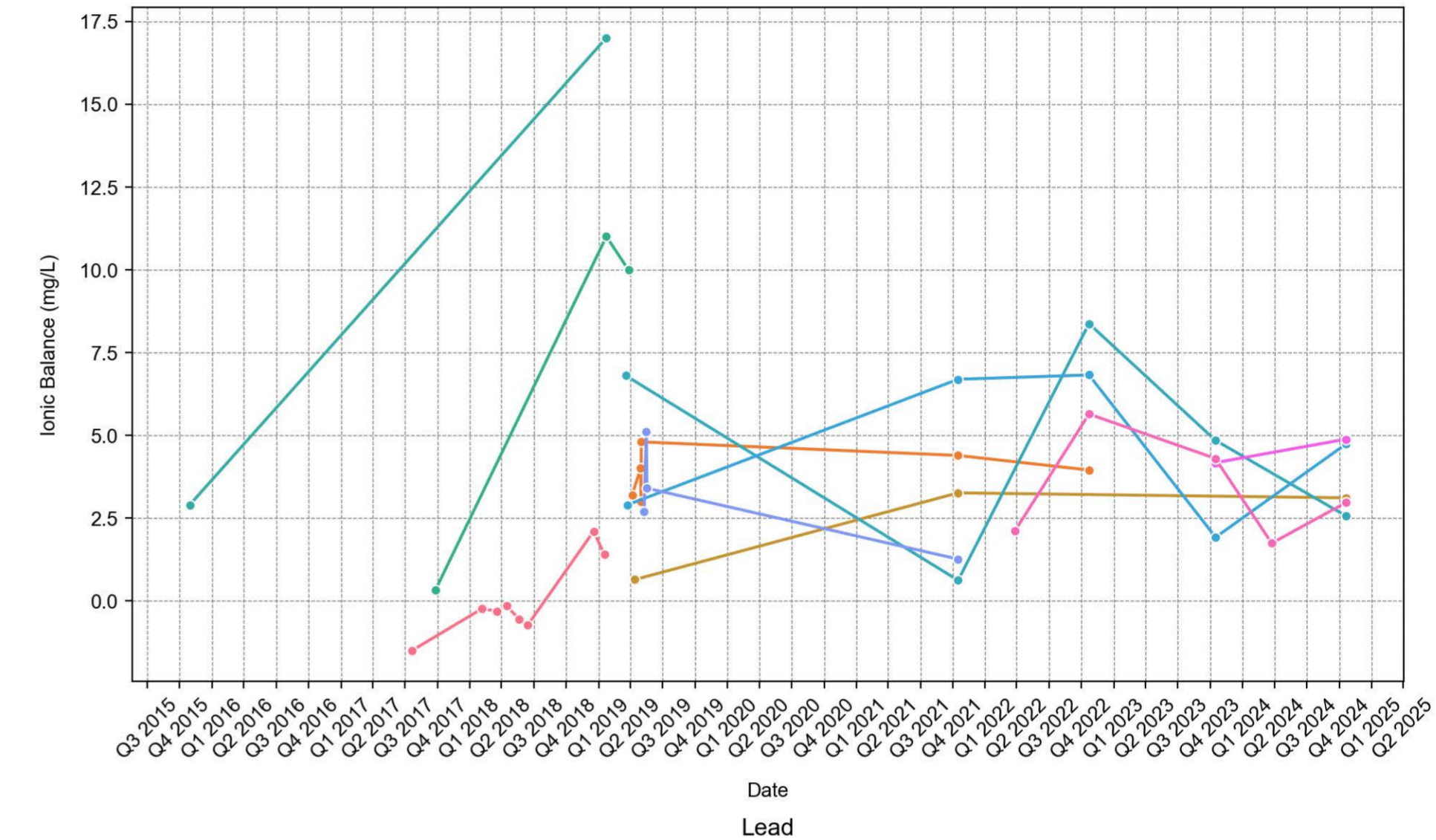
Hexavalent Chromium



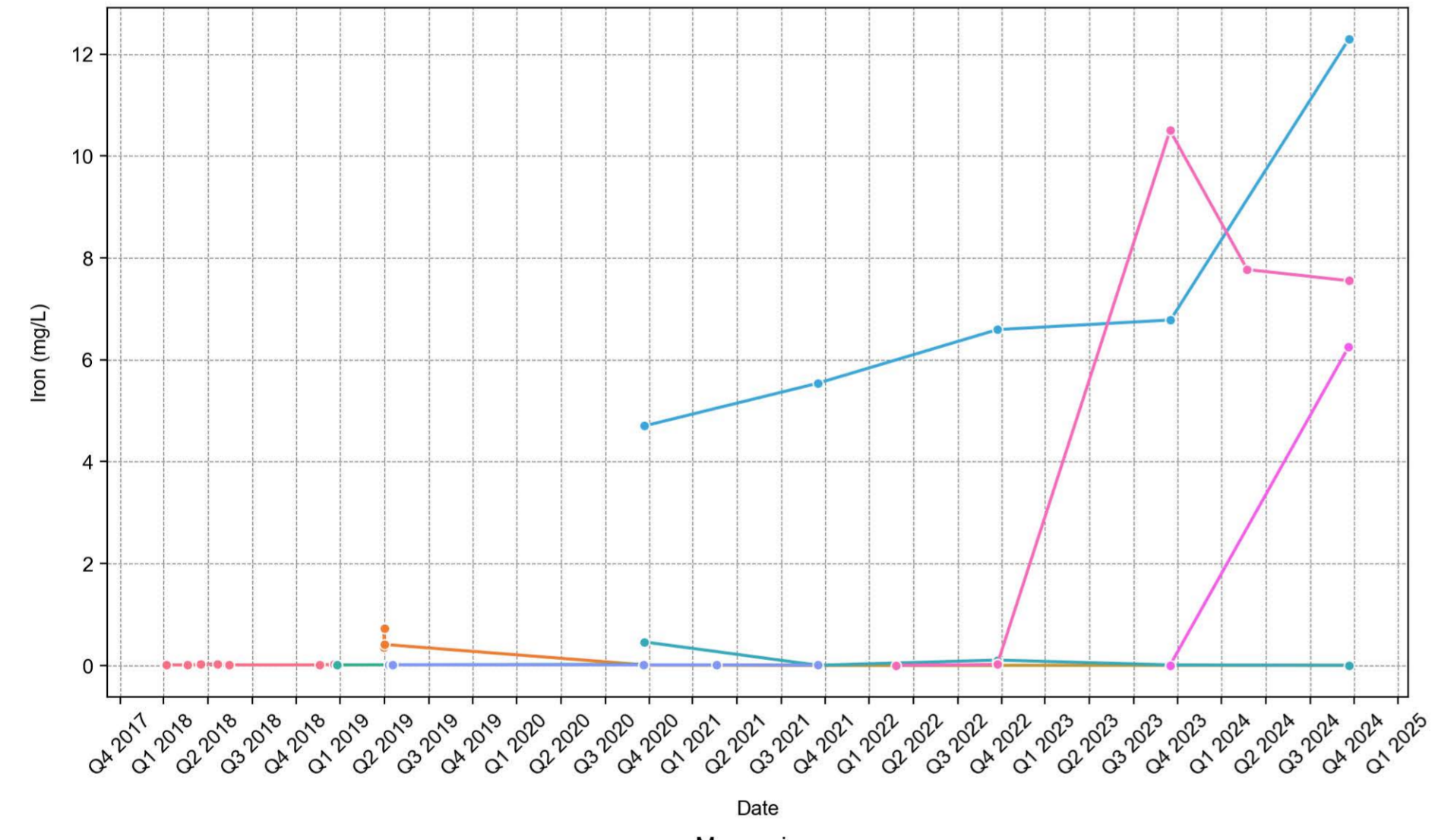
Hydroxide Alkalinity as CaCO3



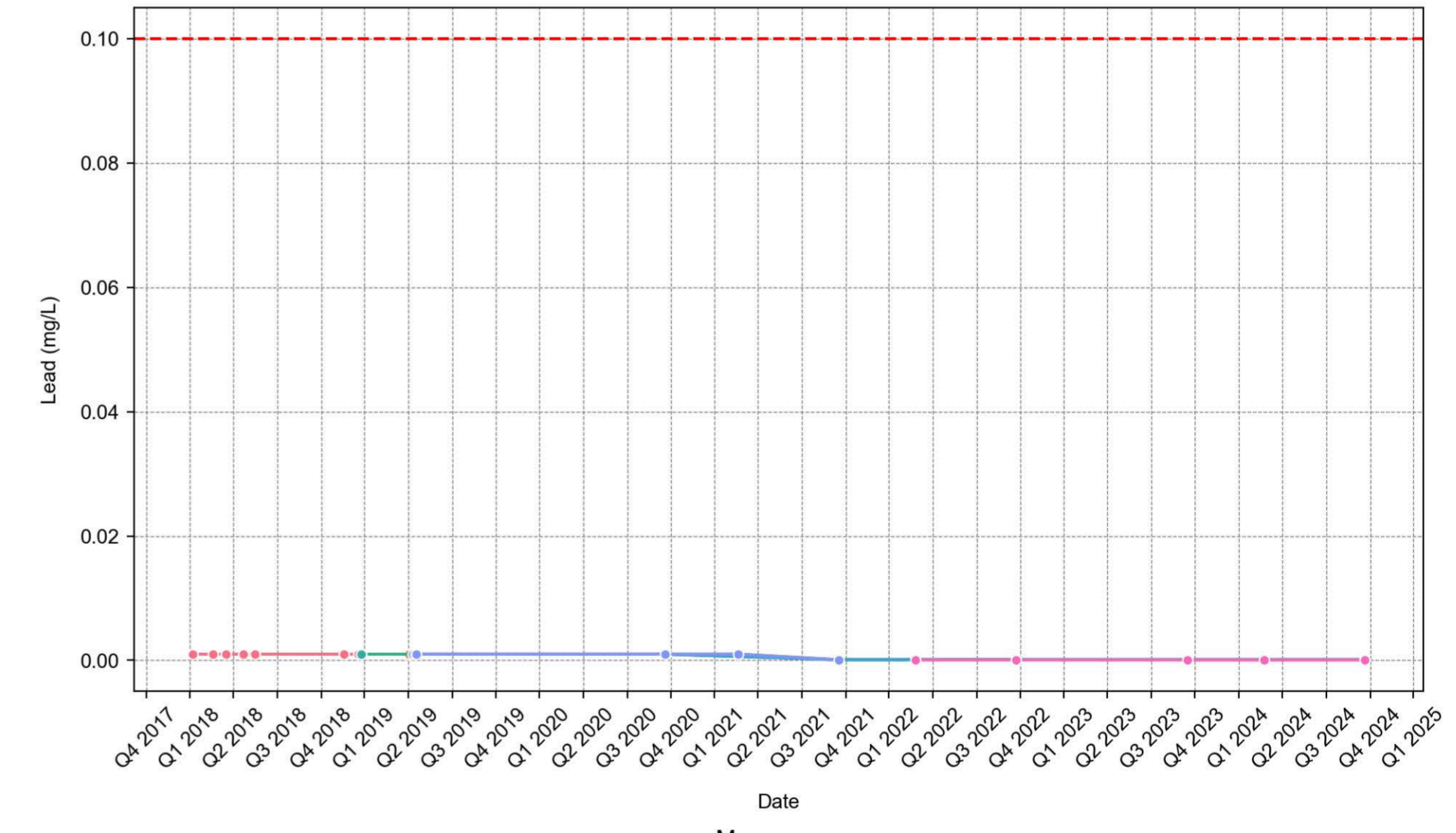
Ionic Balance



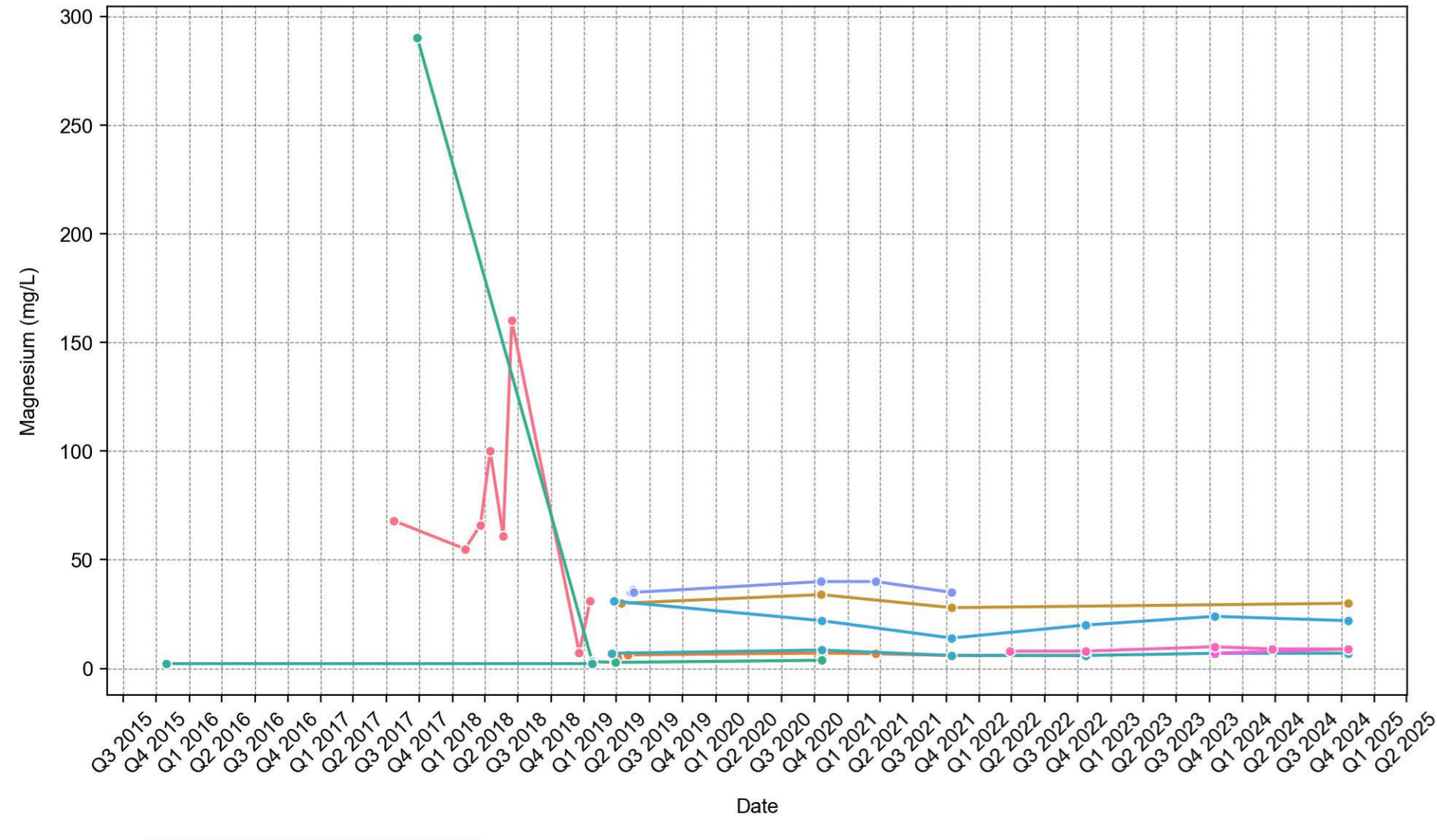
Iron



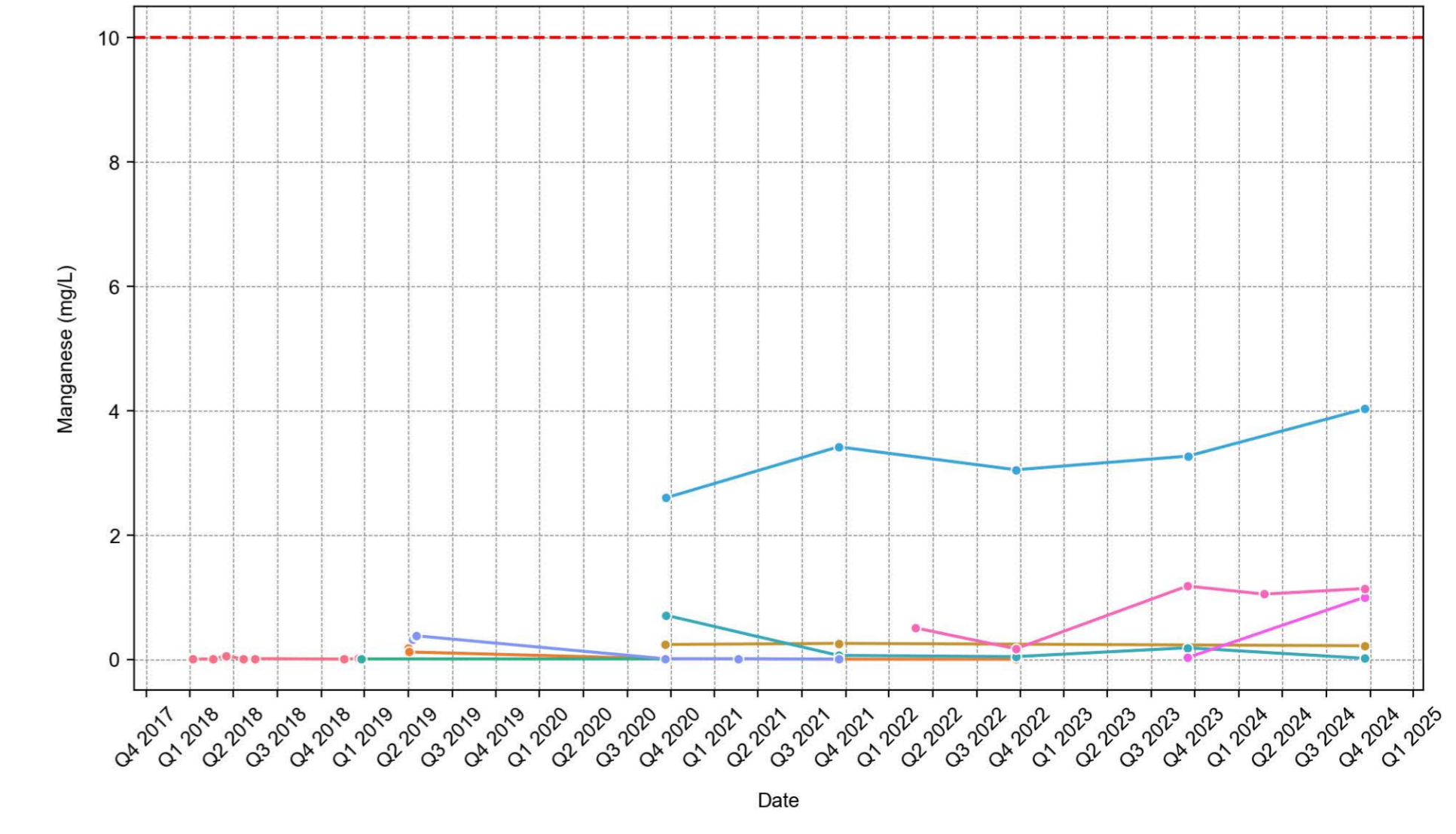
Lead



Magnesium

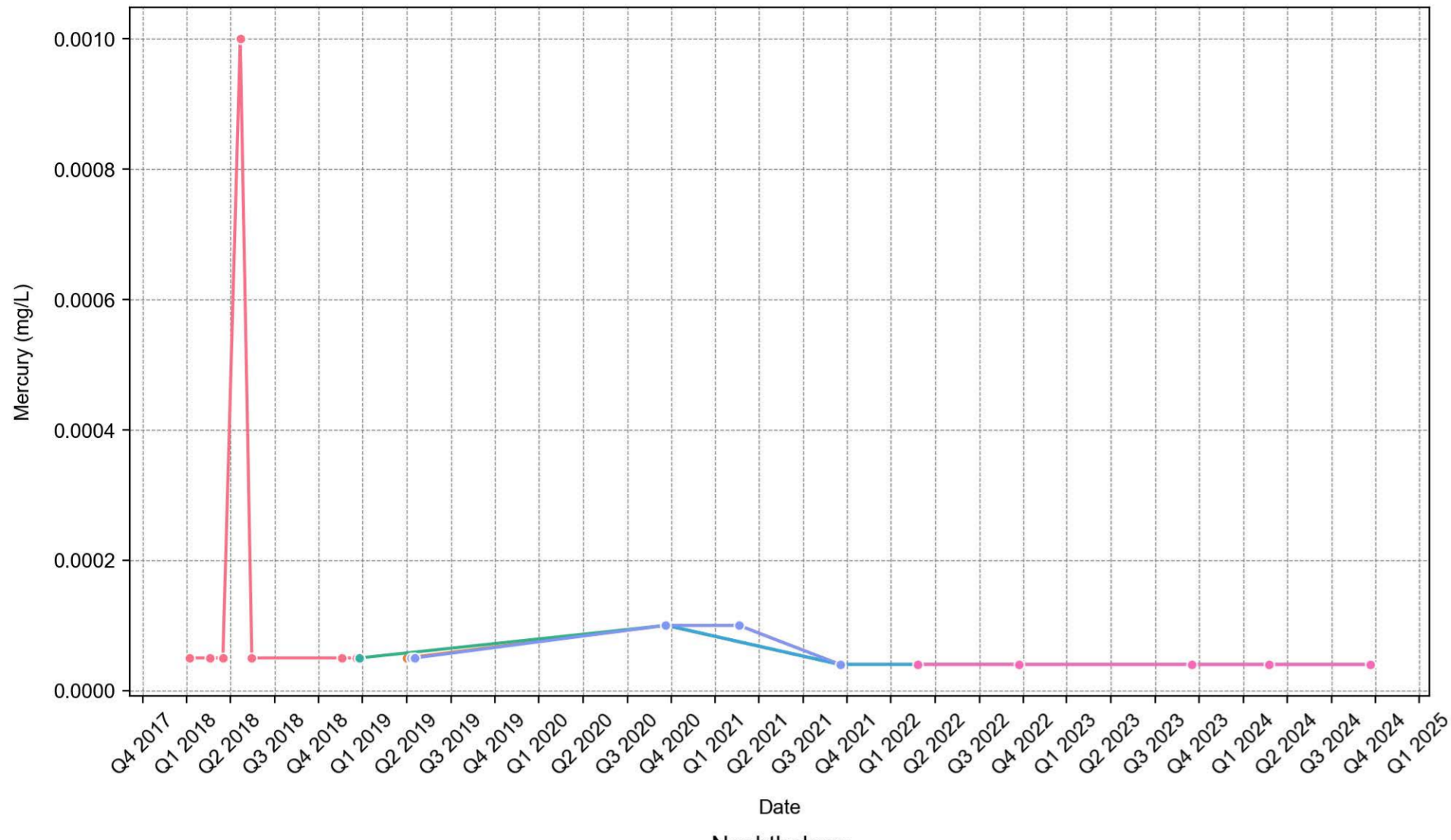


Manganese

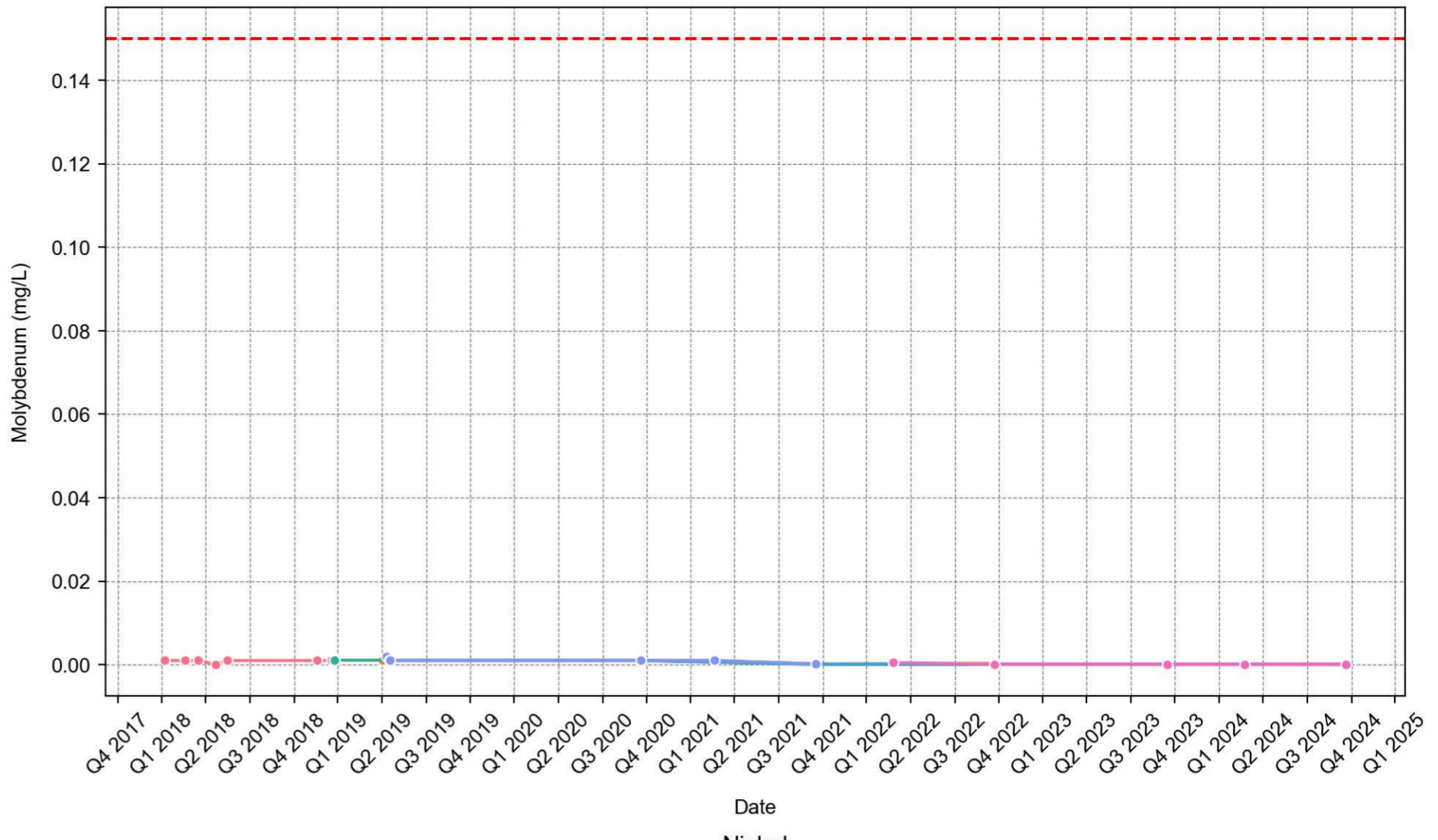


- CO-WS-08
- CRD0020
- CRD0024
- CRD0093
- CRD0116
- CRD0122
- CRD0007
- CRD0021
- CRD0031
- CRD0102
- CRD0120
- - - ANZECC Limit
- CRD0013
- CRD0022
- CRD0090

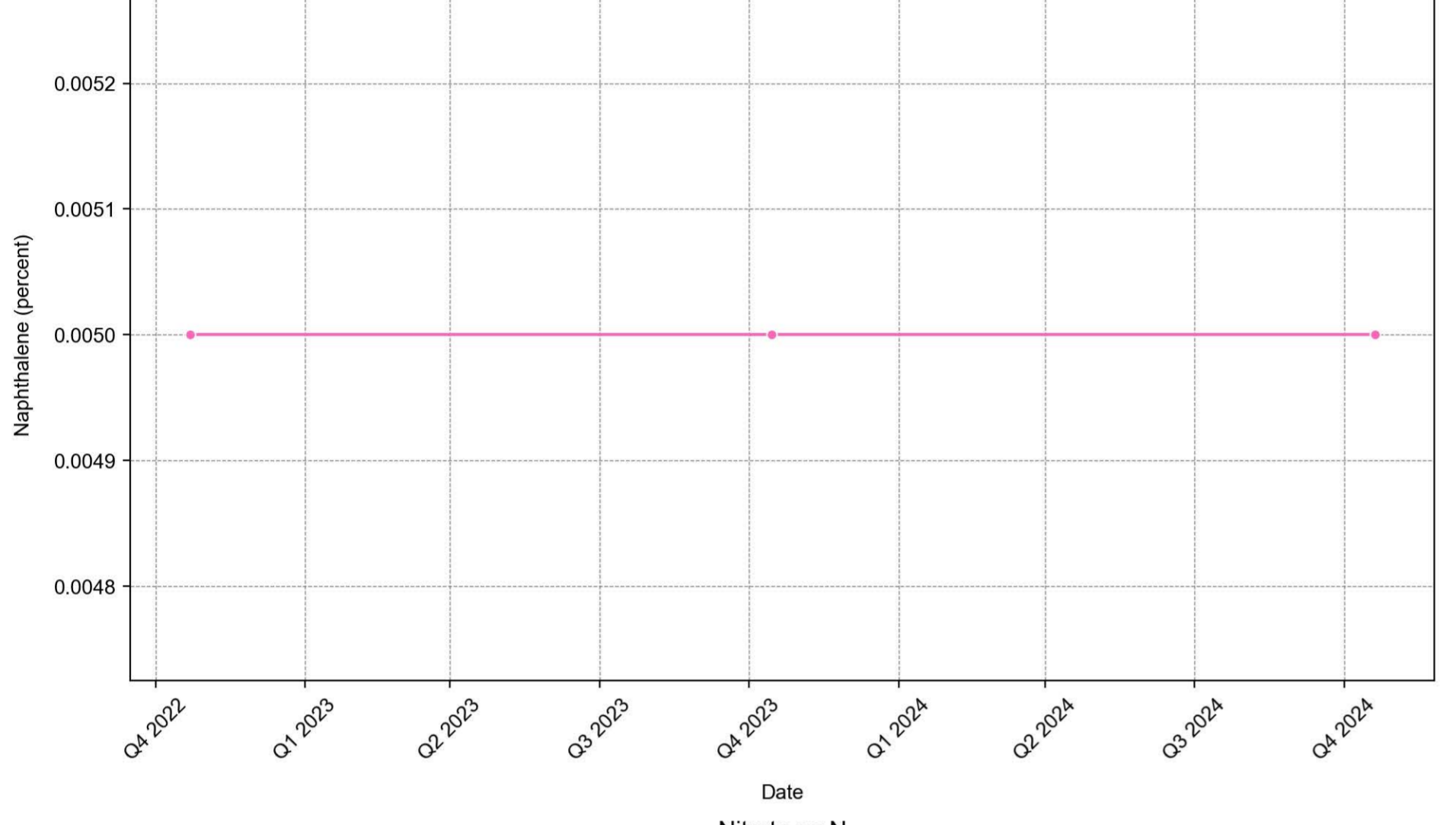
Mercury



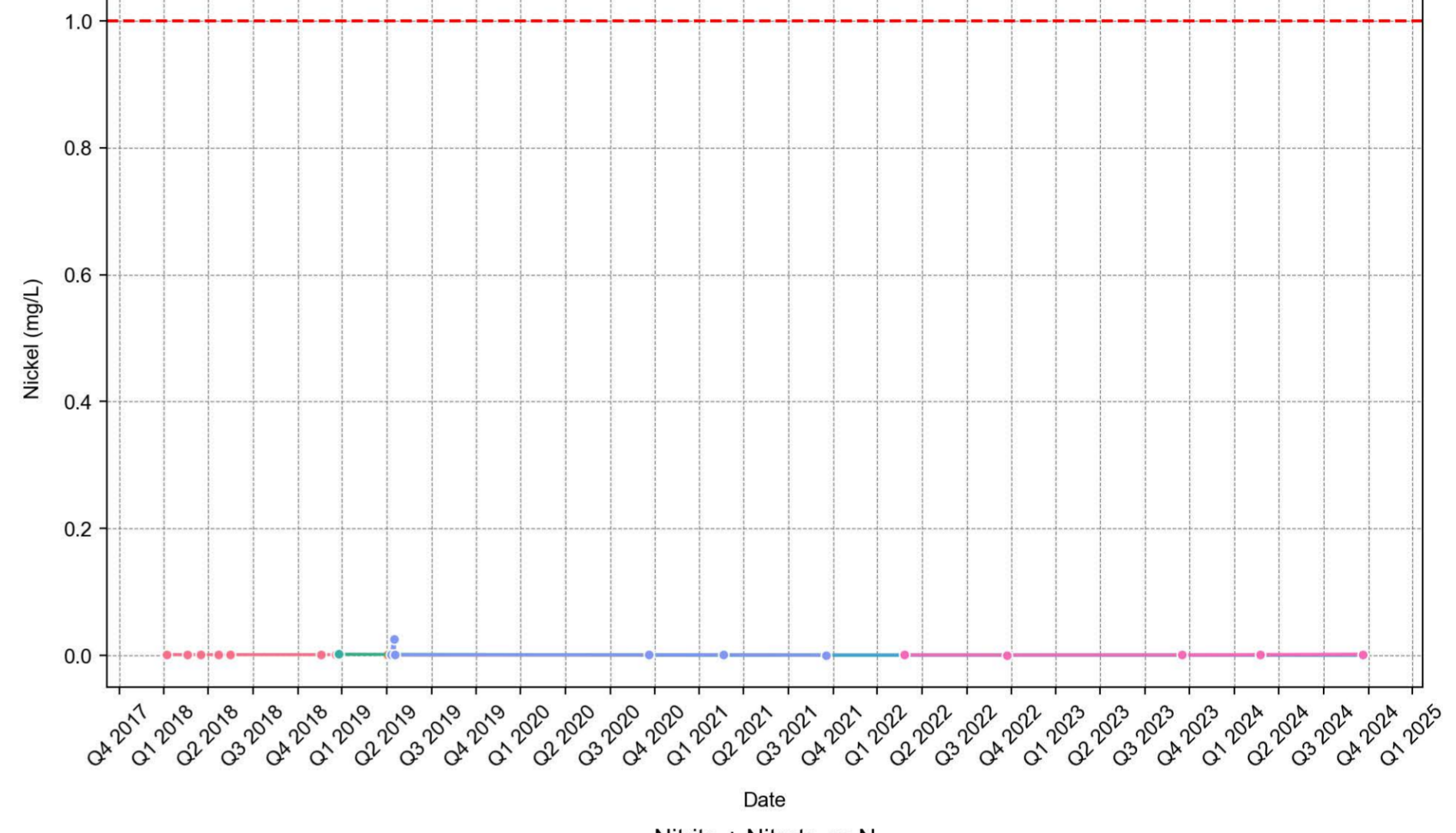
Molybdenum



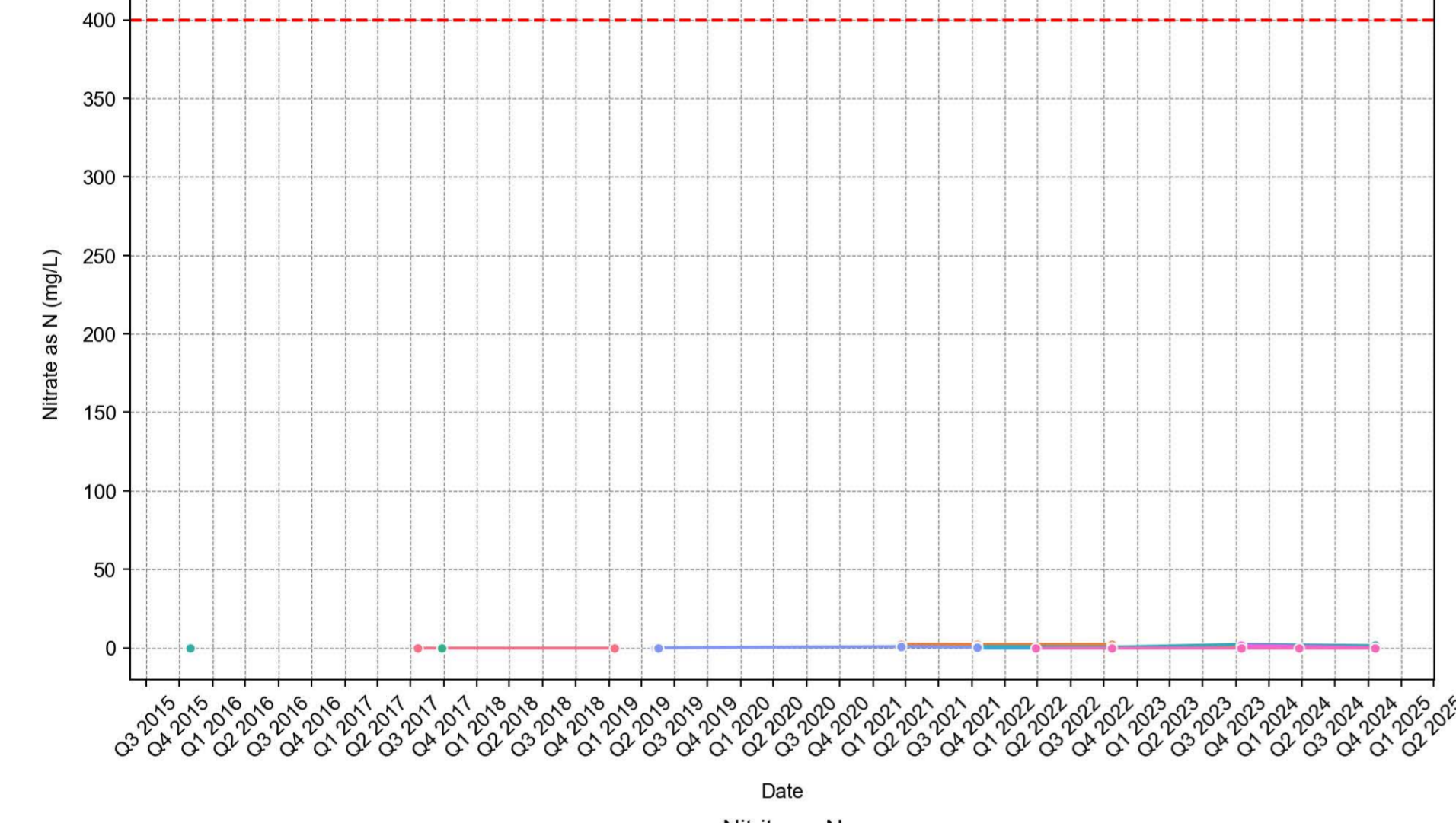
Naphthalene



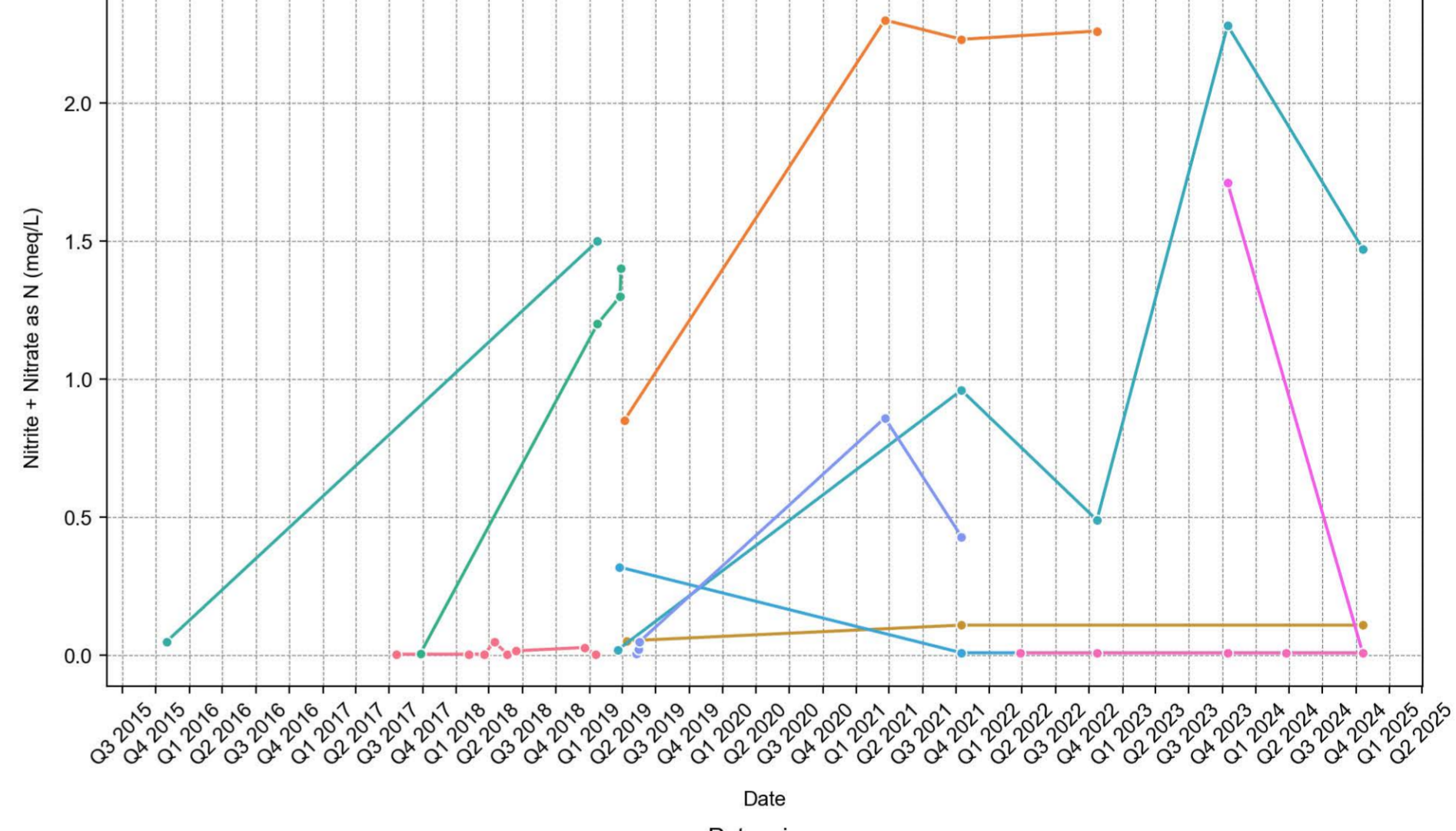
Nickel



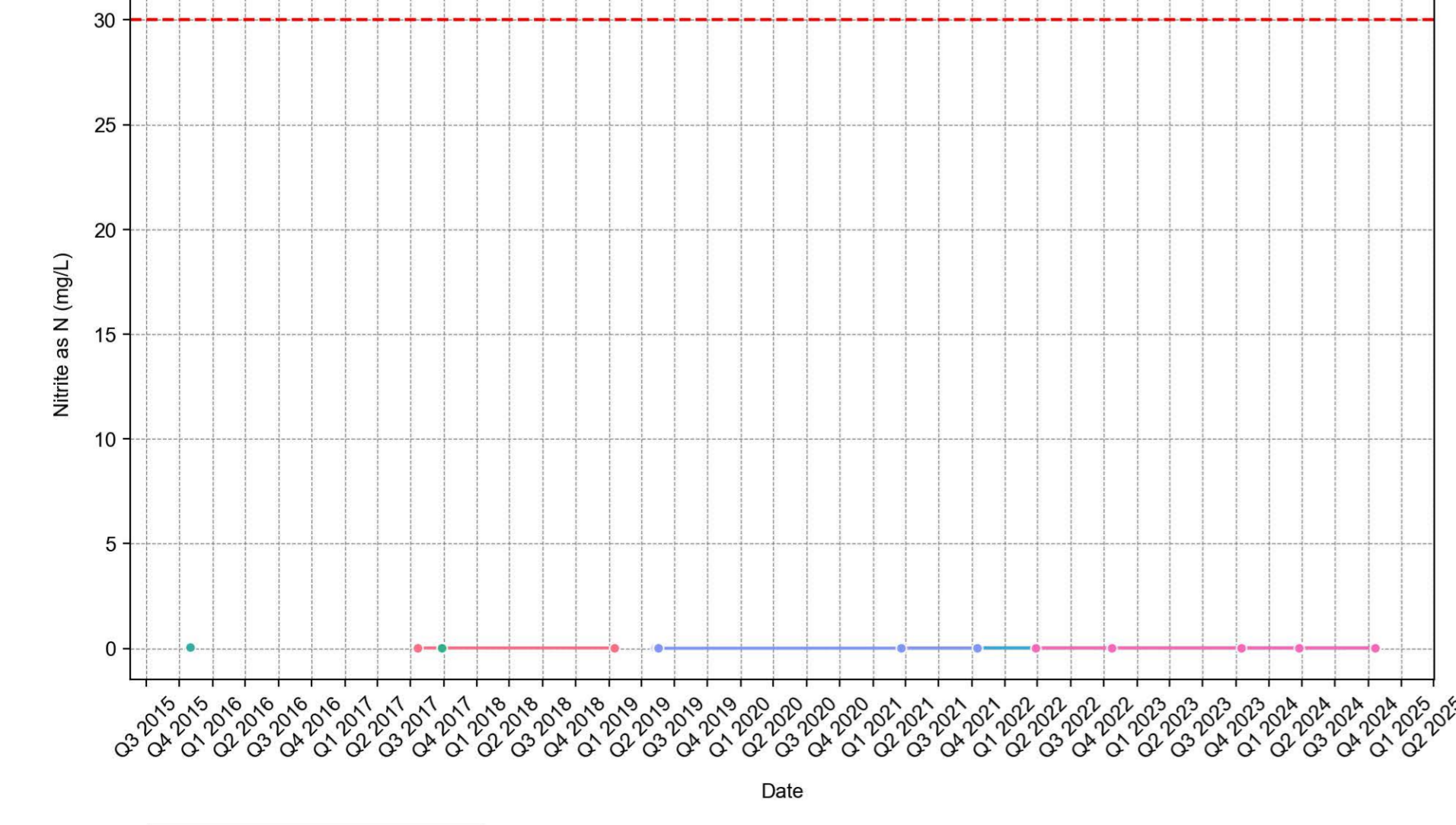
Nitrate as N



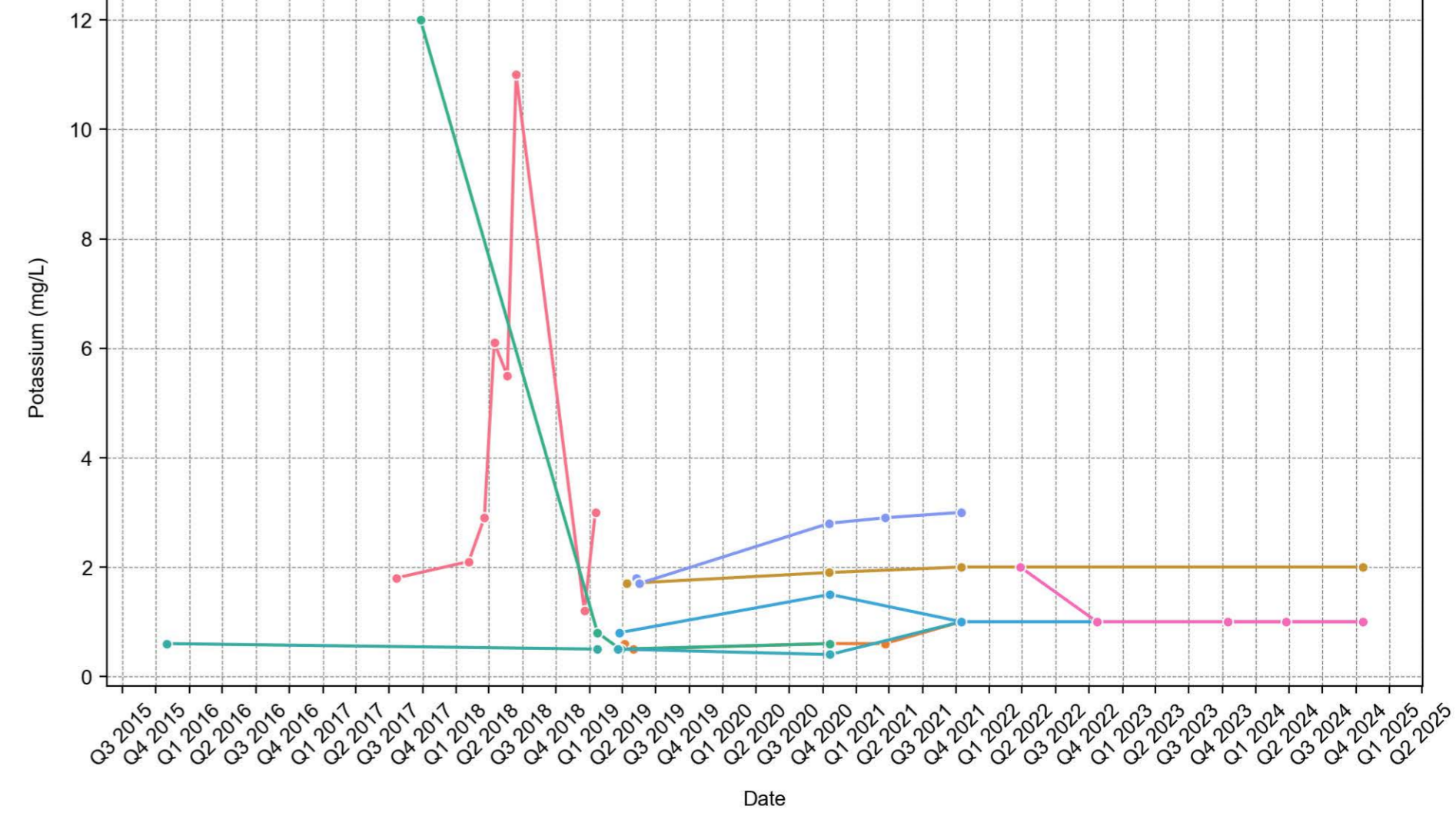
Nitrite + Nitrate as N



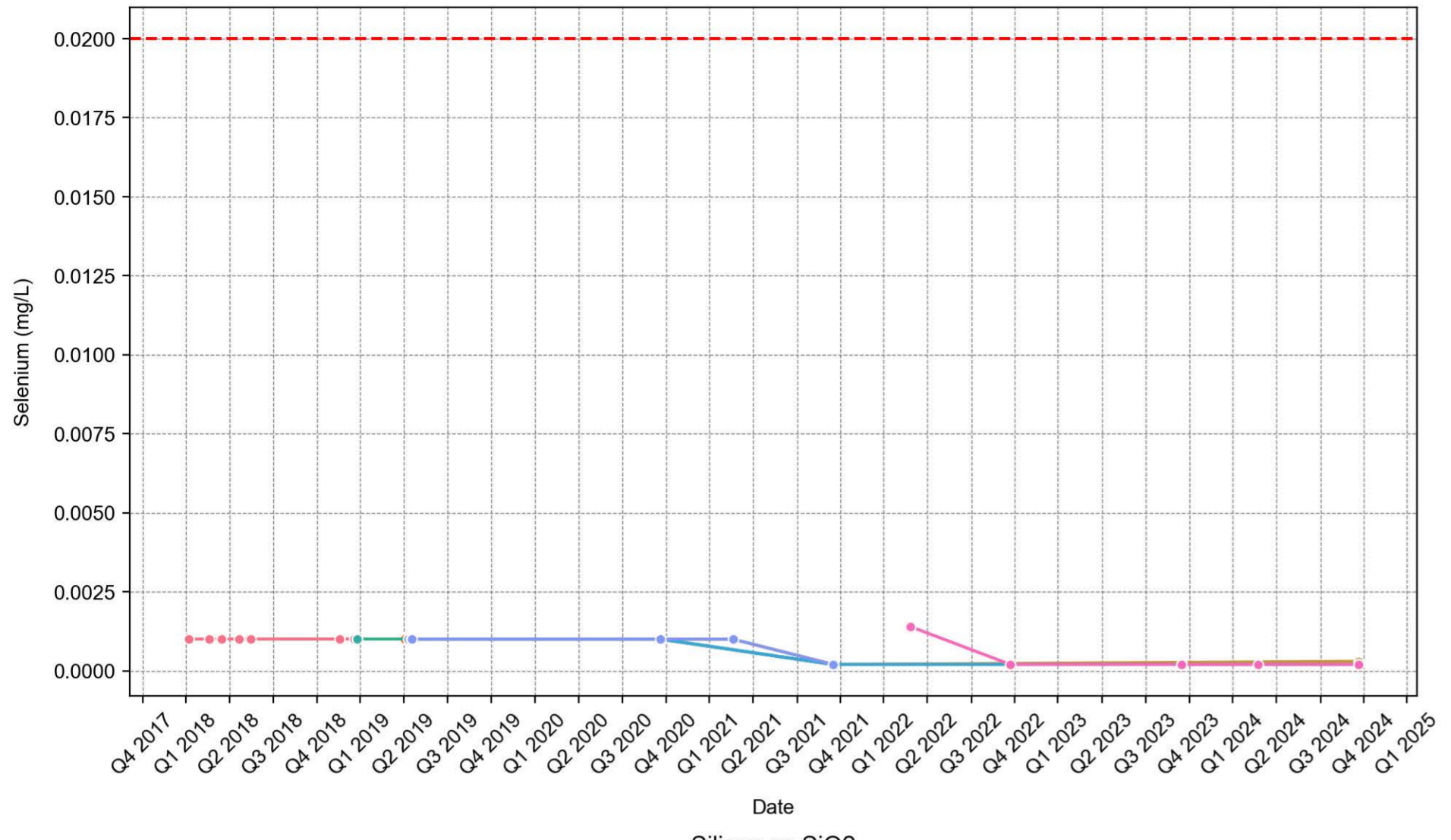
Nitrite as N



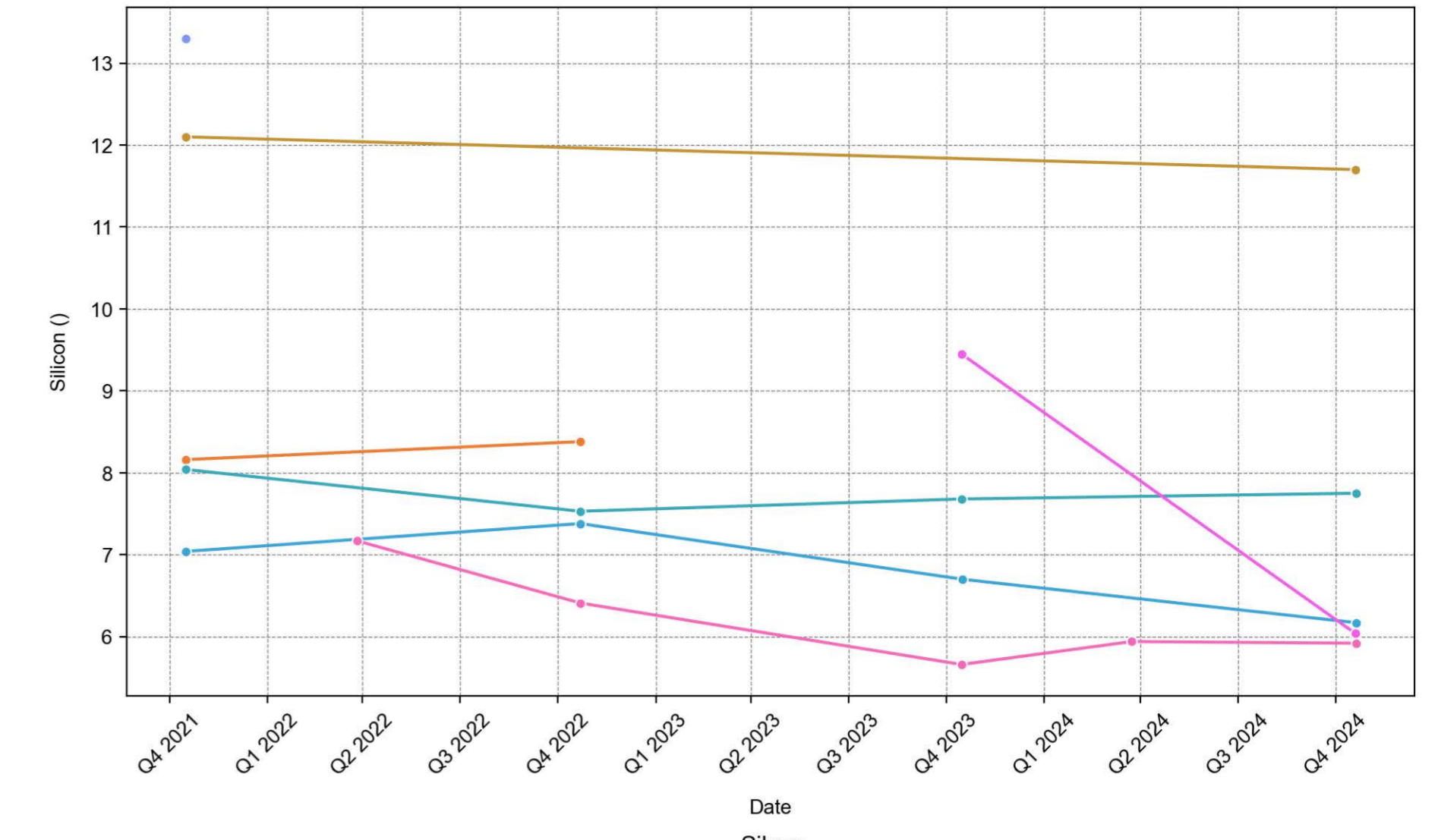
Potassium



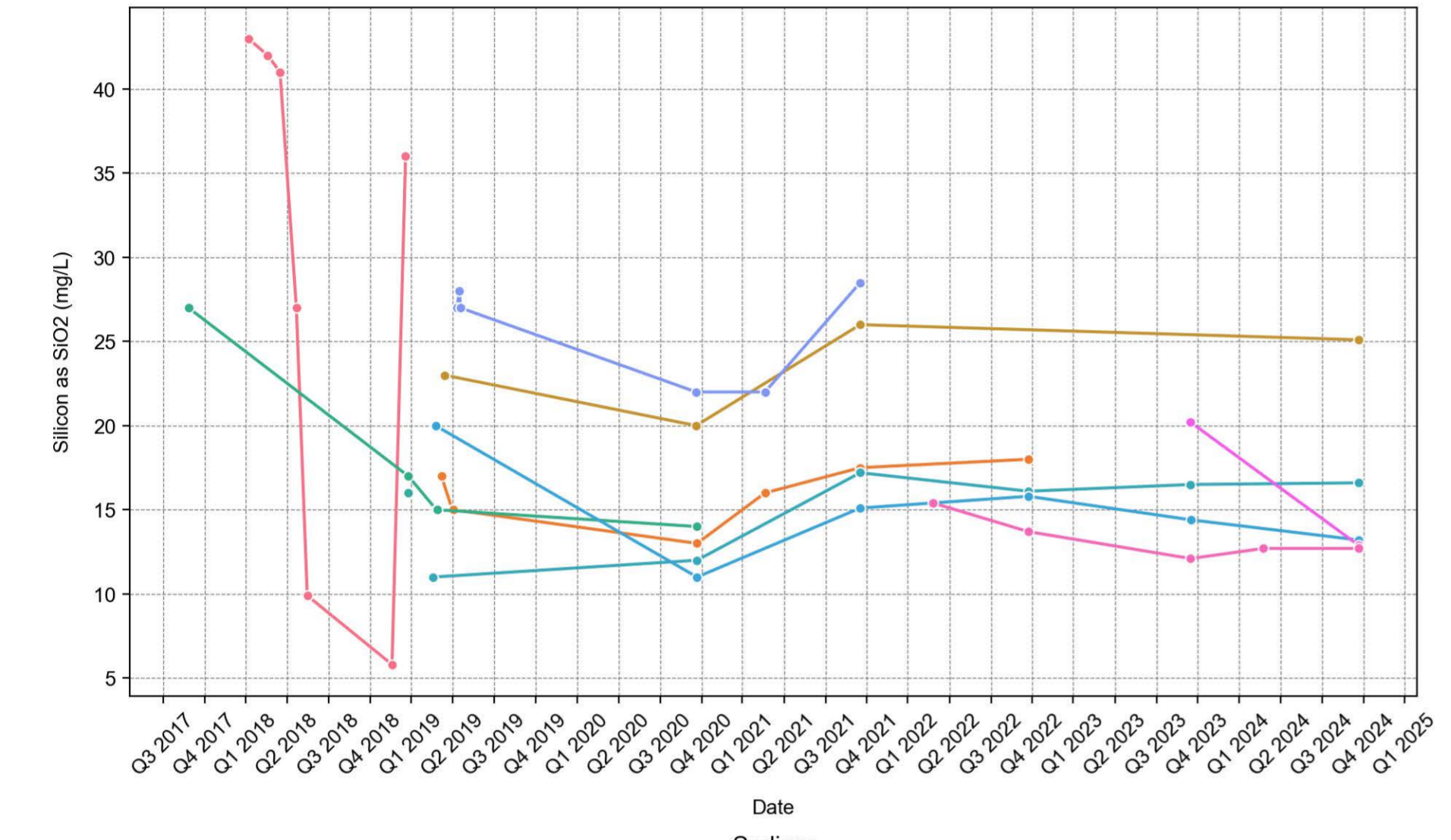
Selenium



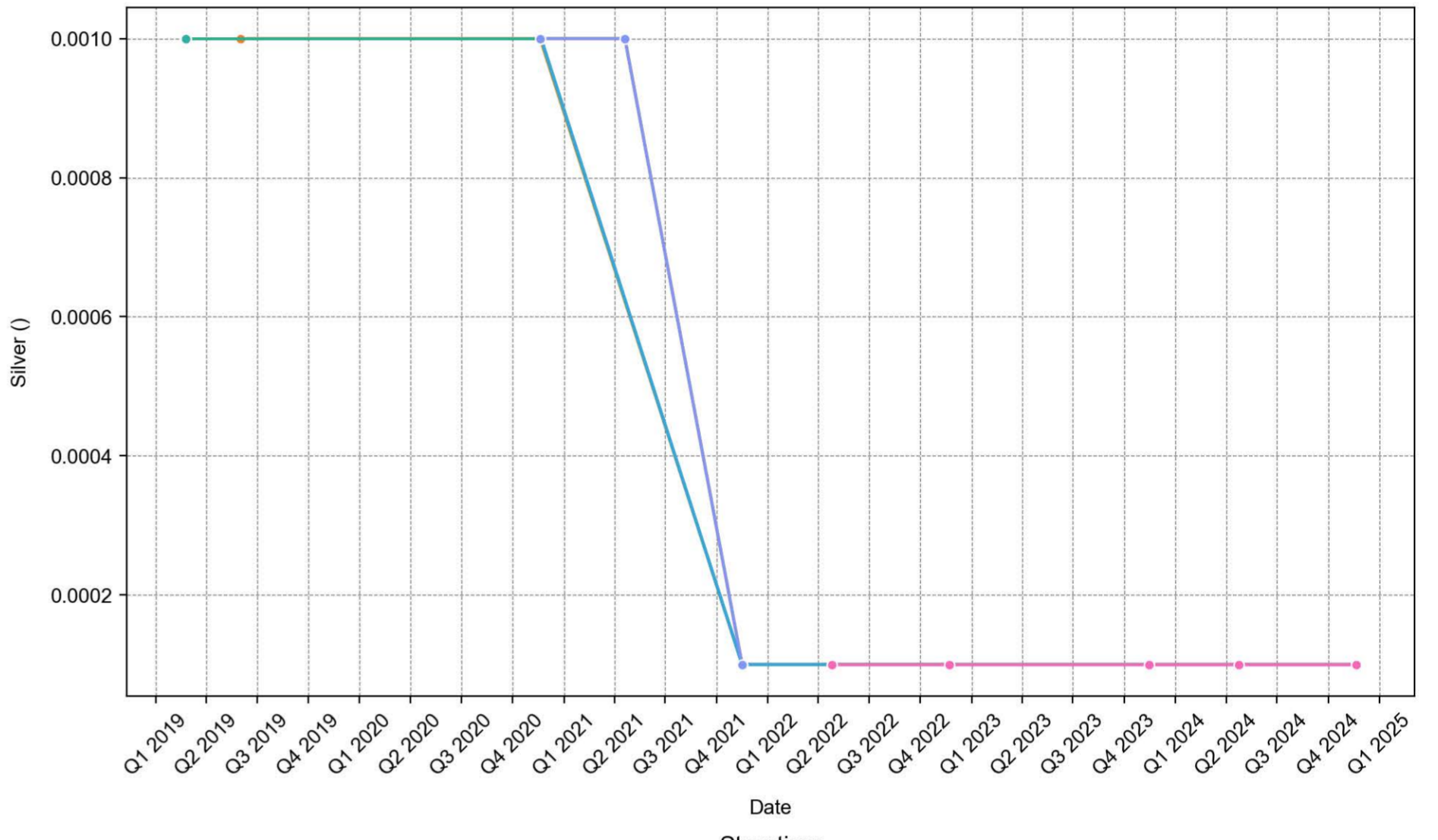
Silicon



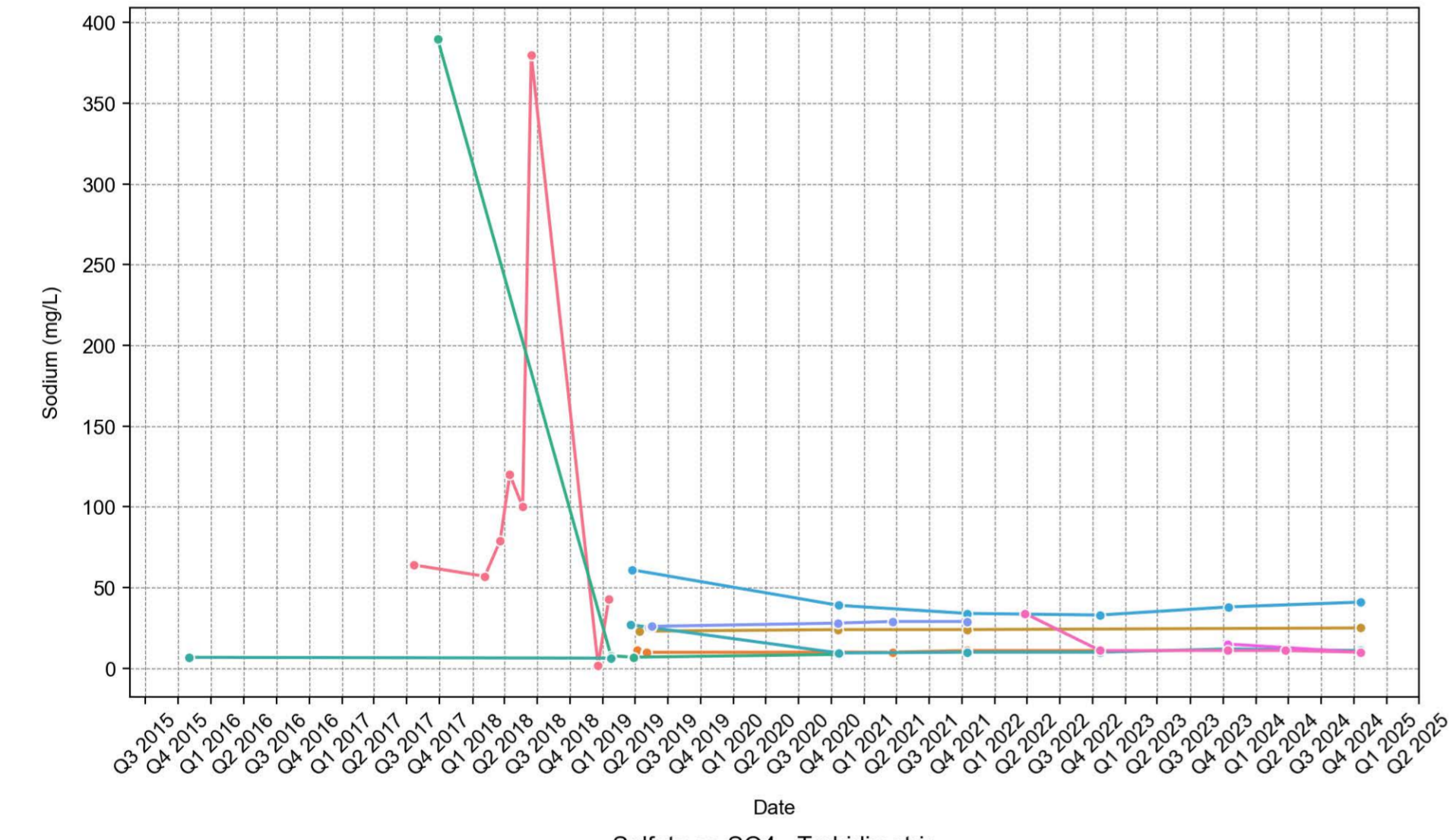
Silicon as SiO2



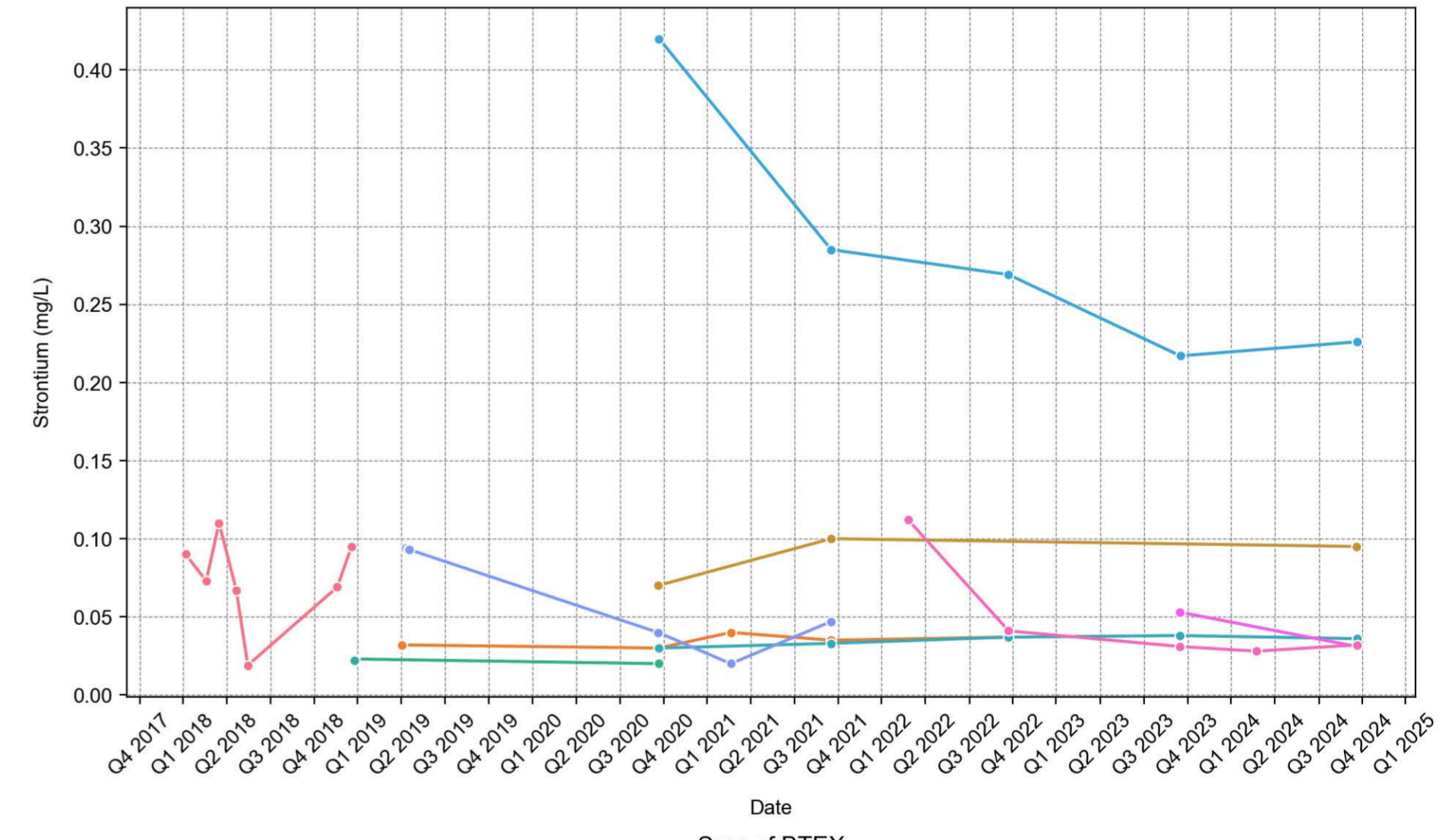
Silver



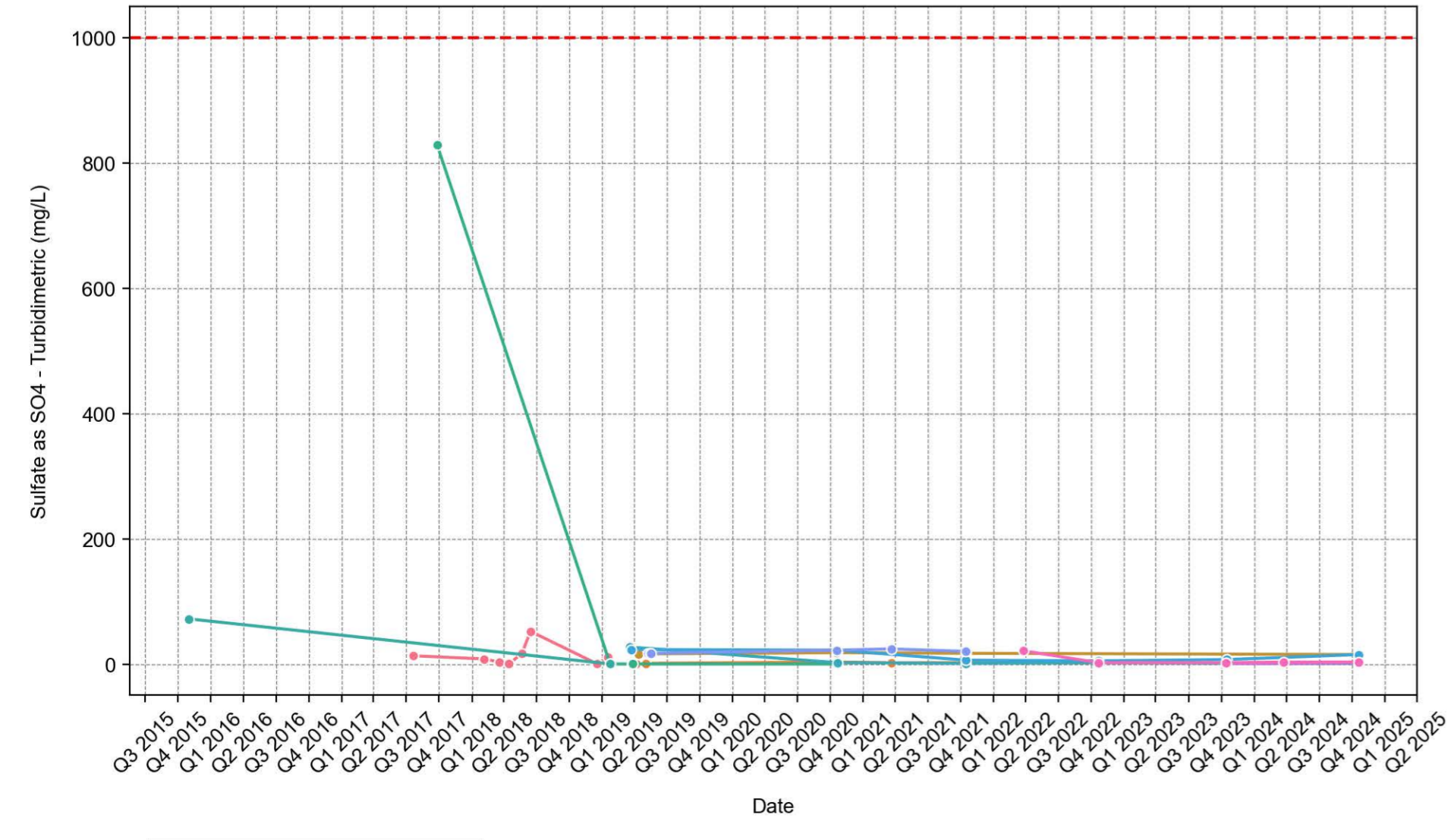
Sodium



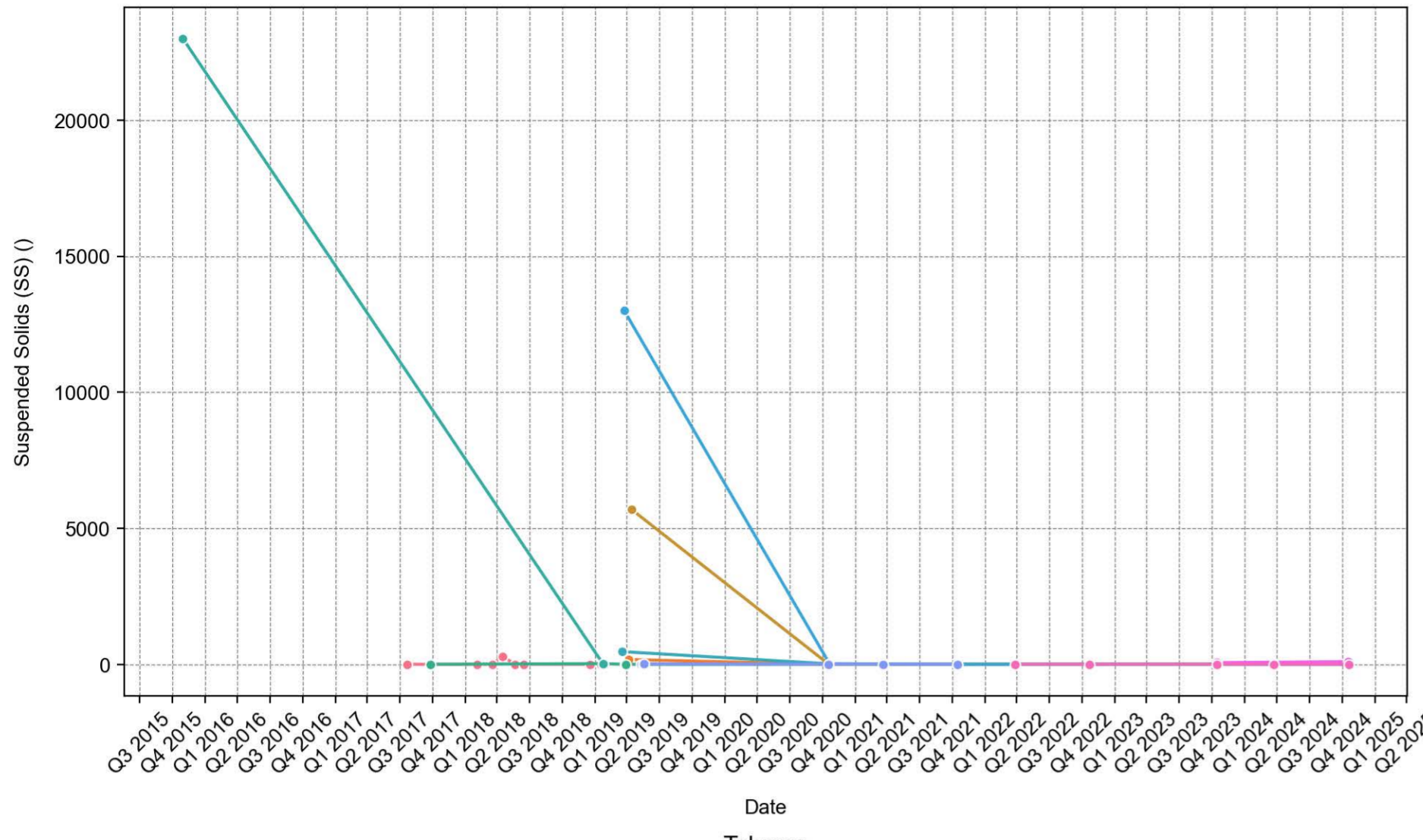
Strontium



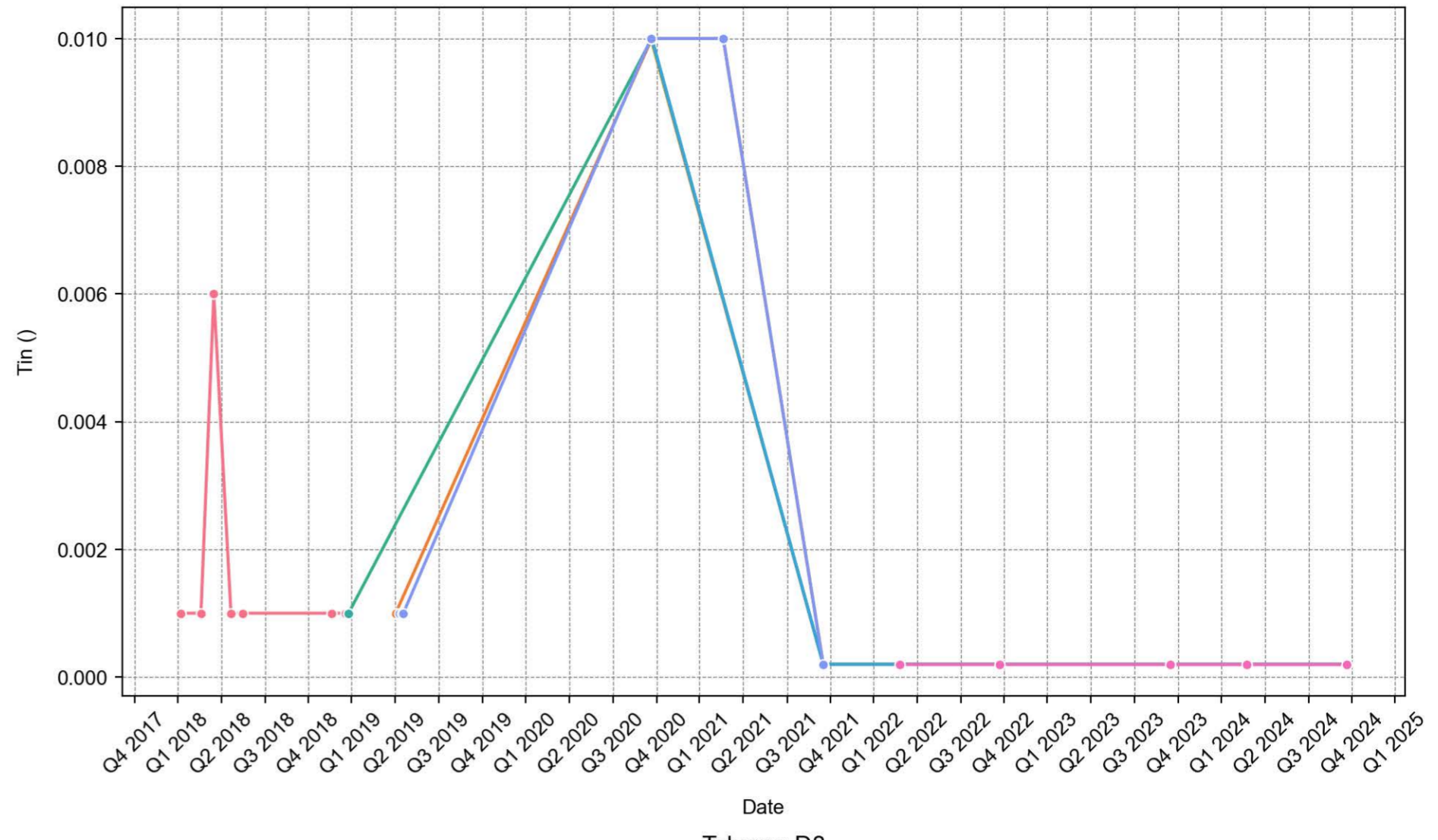
Sulfate as SO4 - Turbidimetric



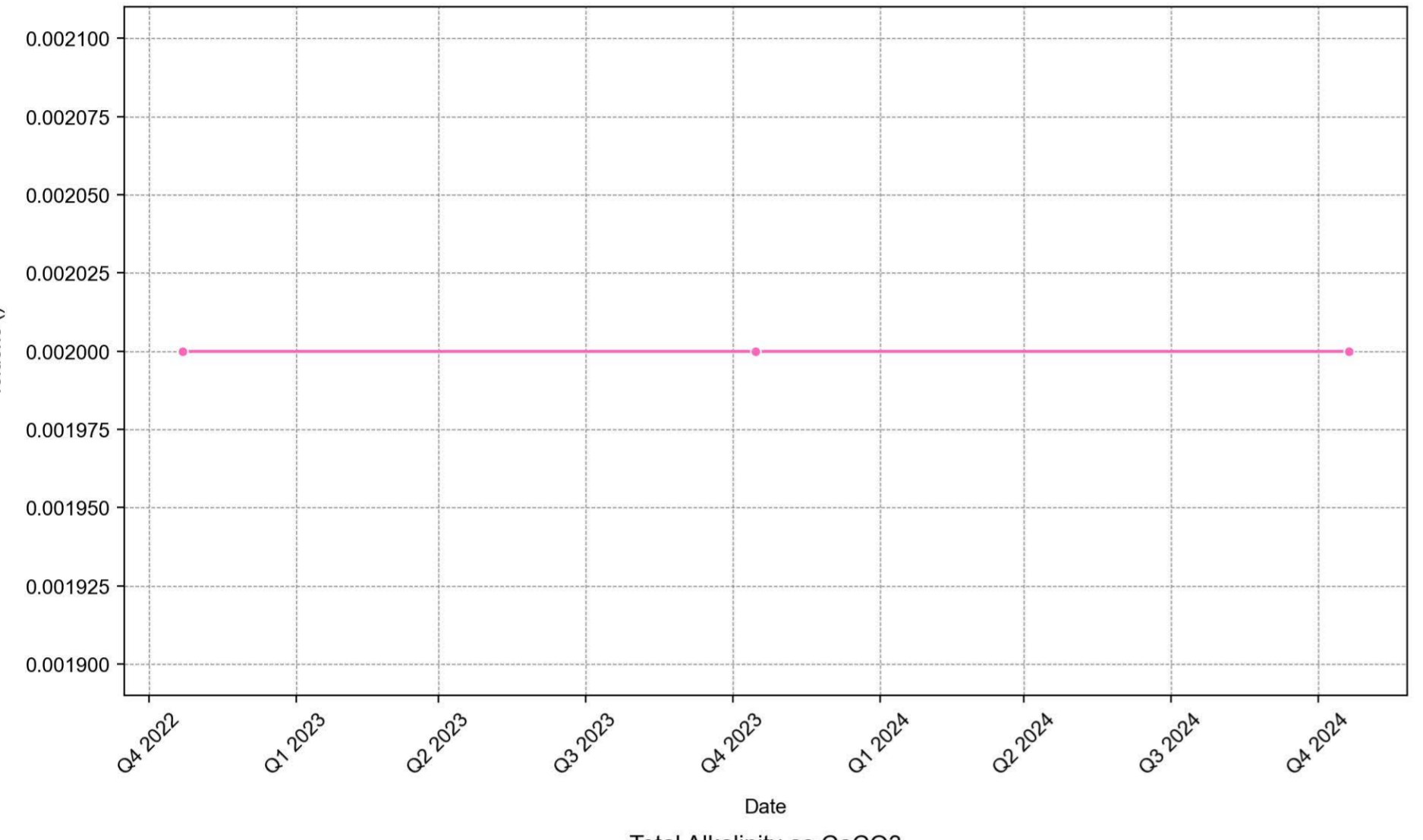
Suspended Solids (SS)



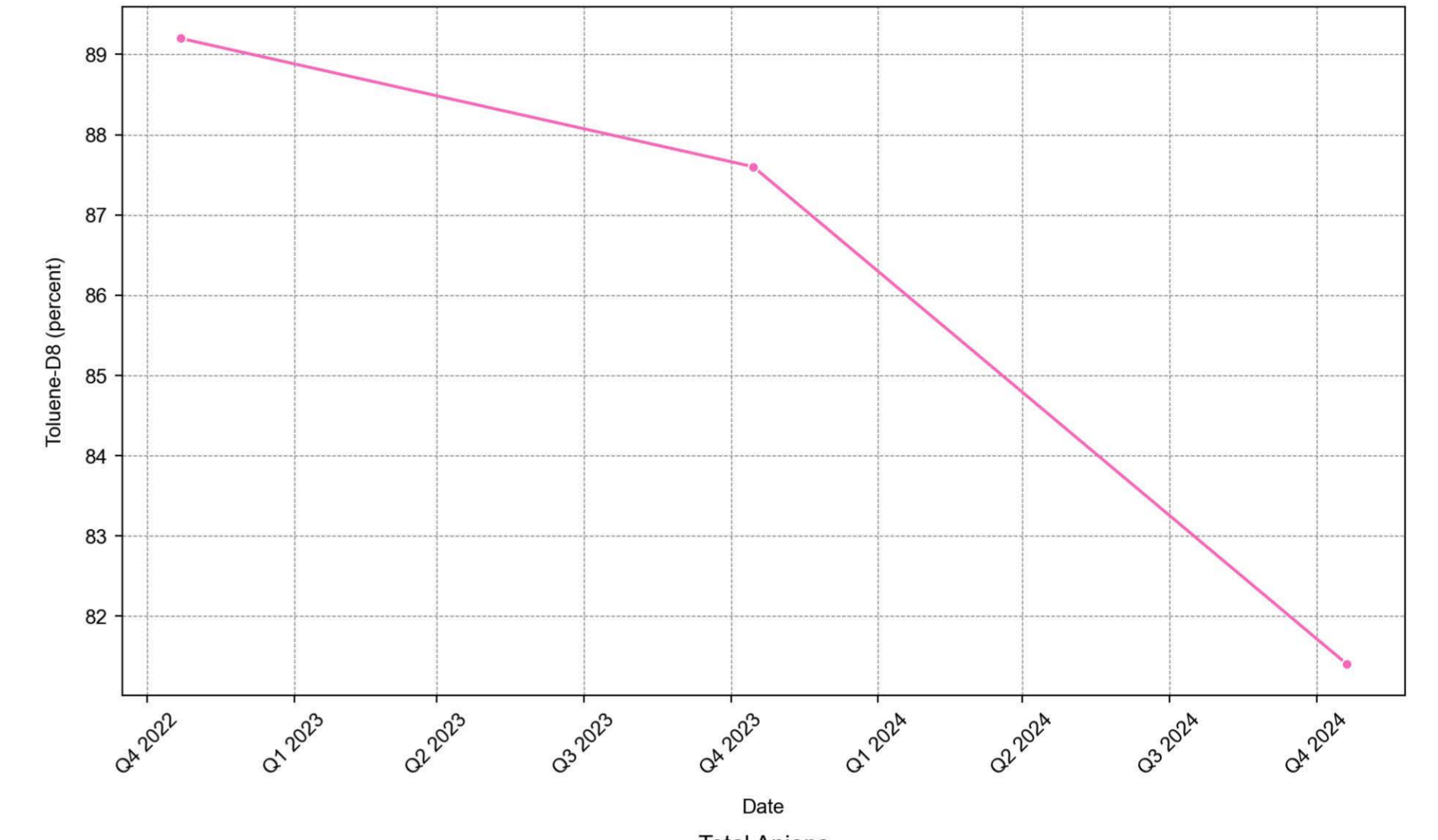
Tin



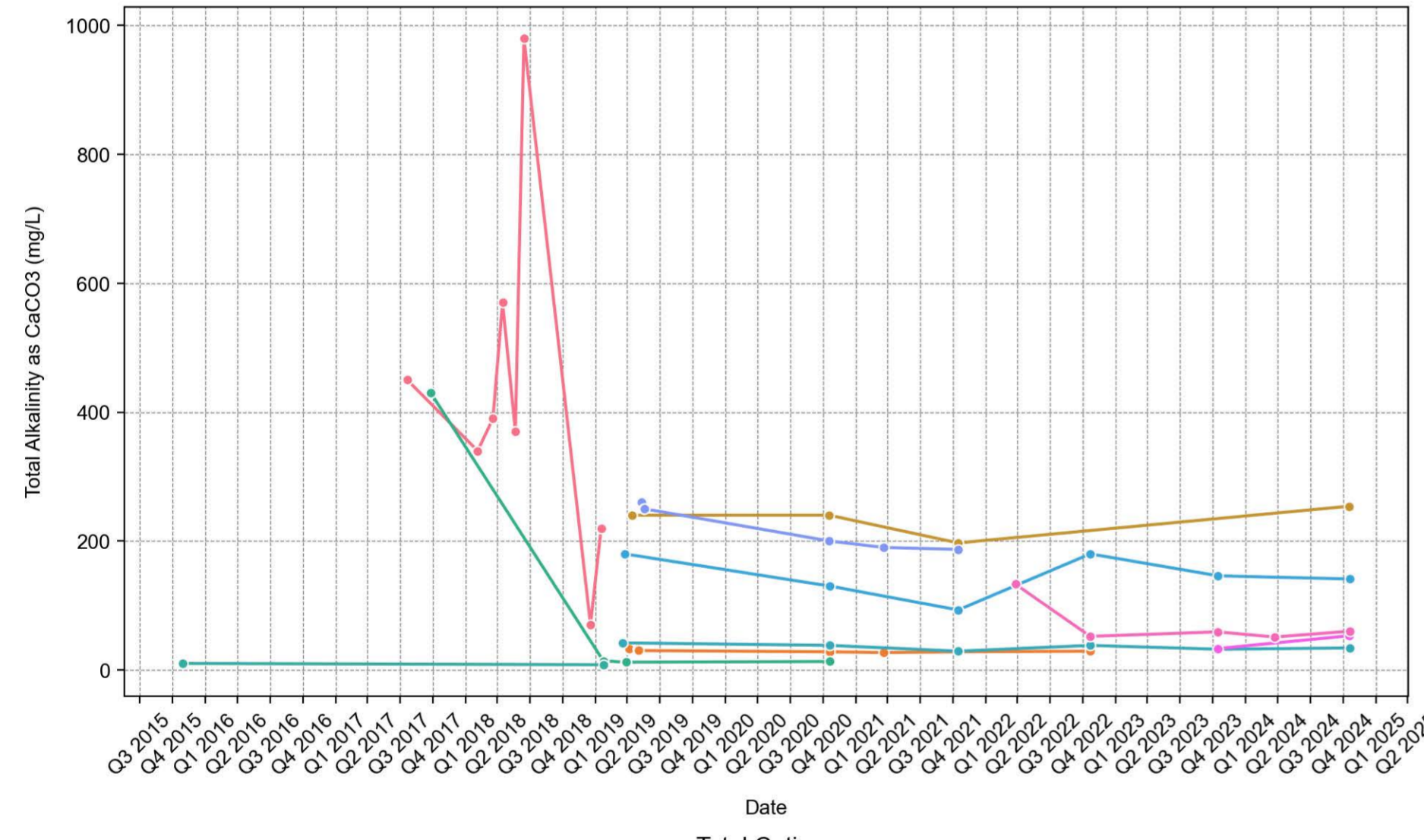
Toluene



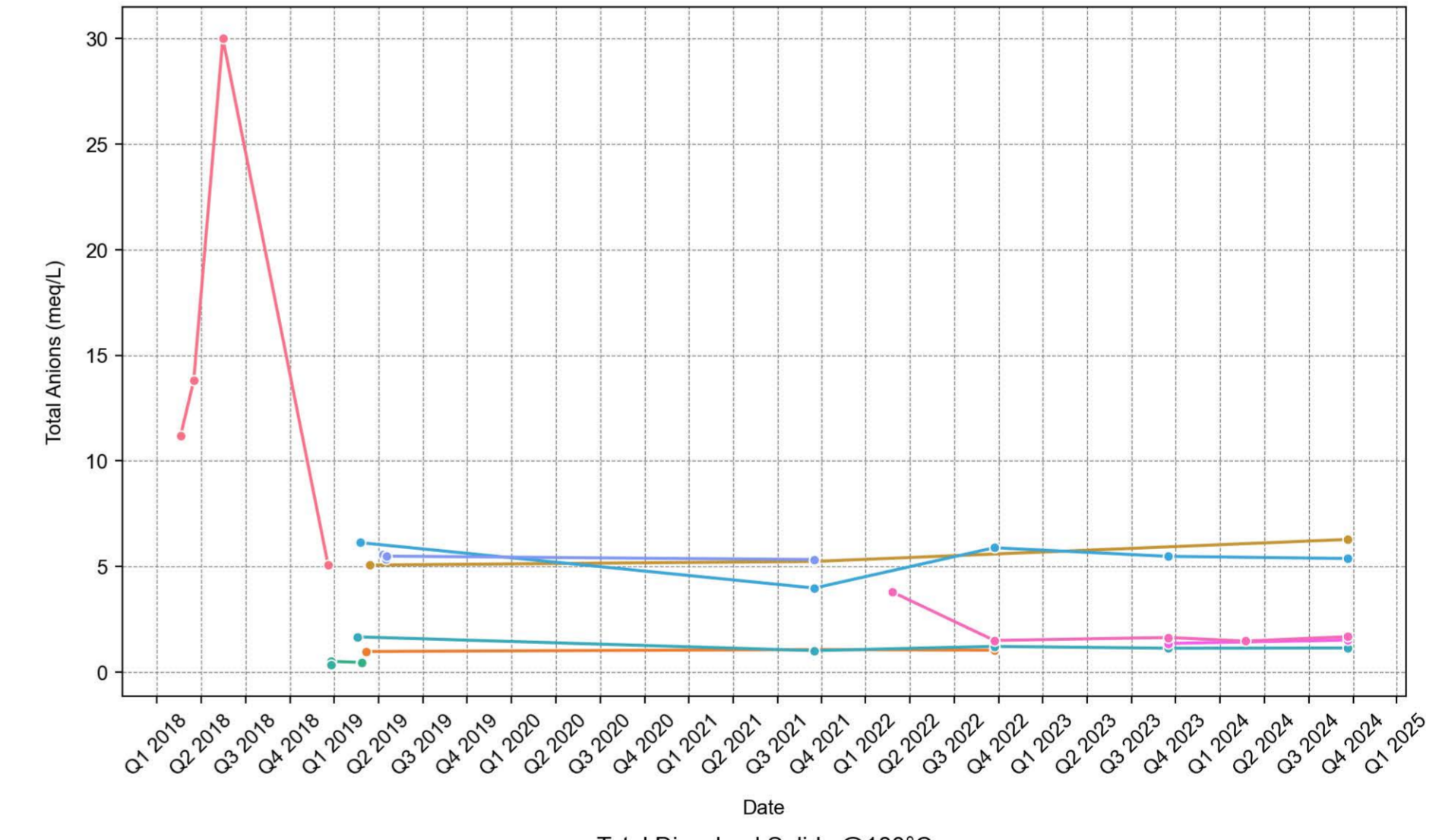
Toluene-D8



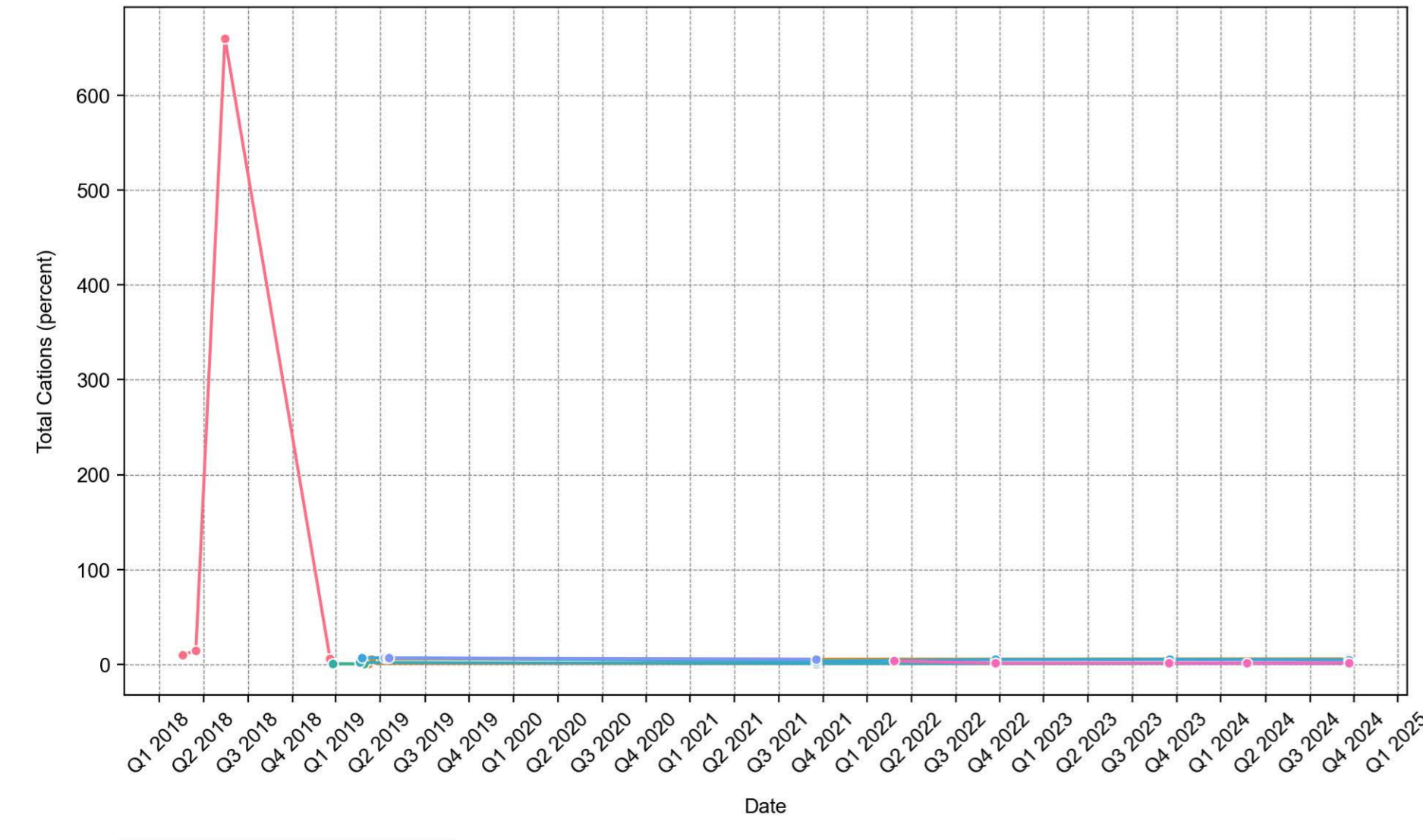
Total Alkalinity as CaCO3



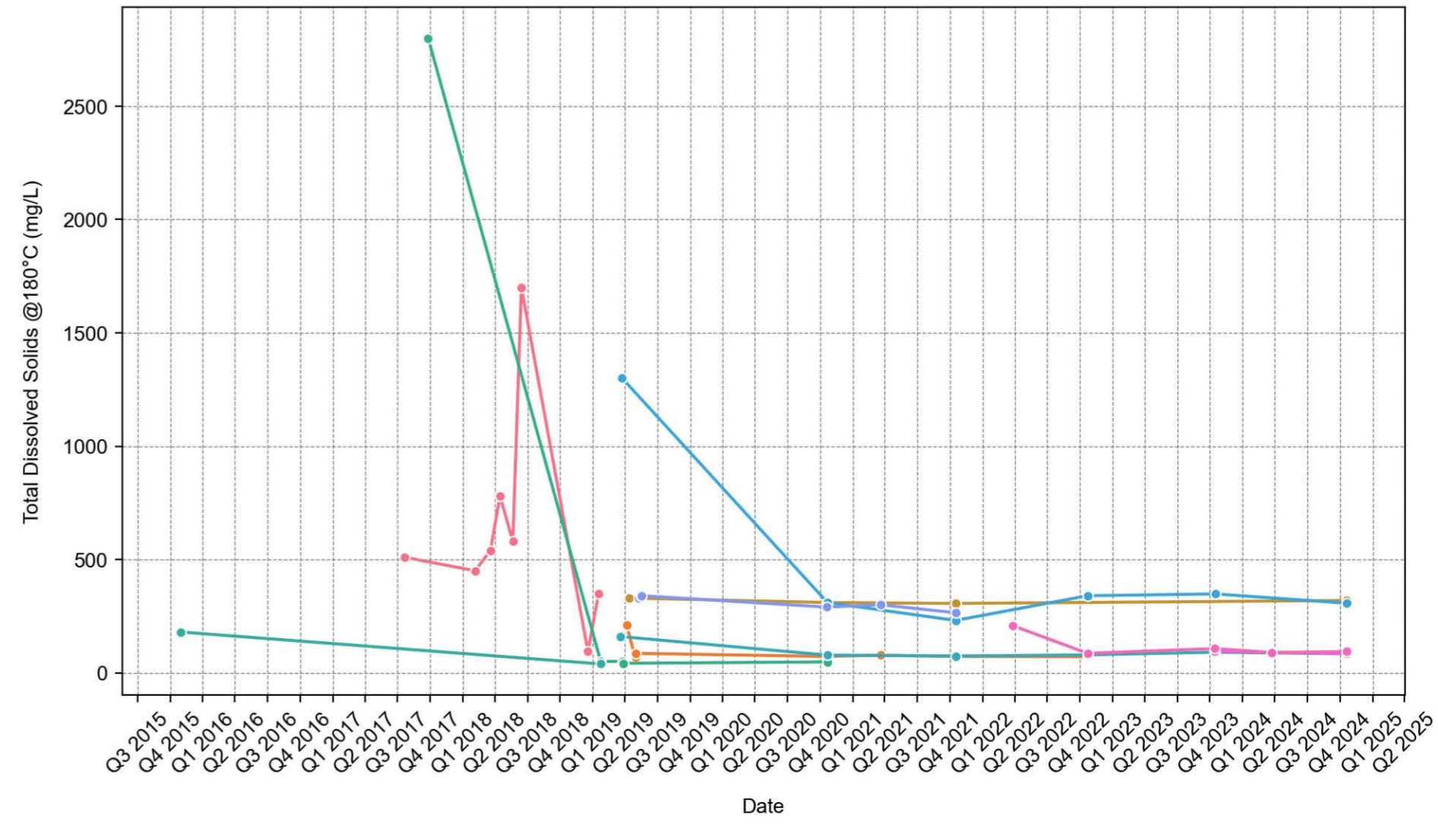
Total Anions



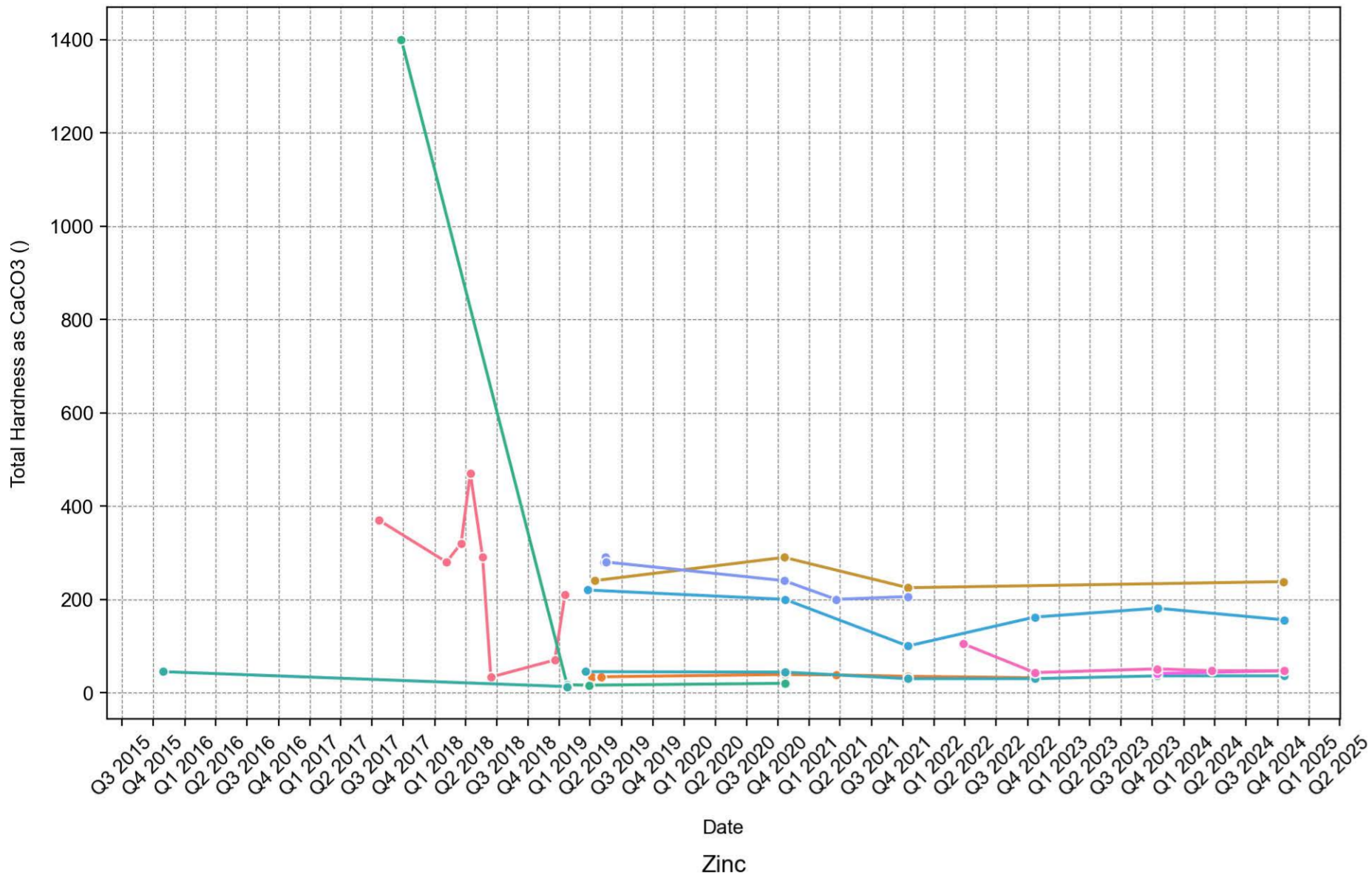
Total Cations



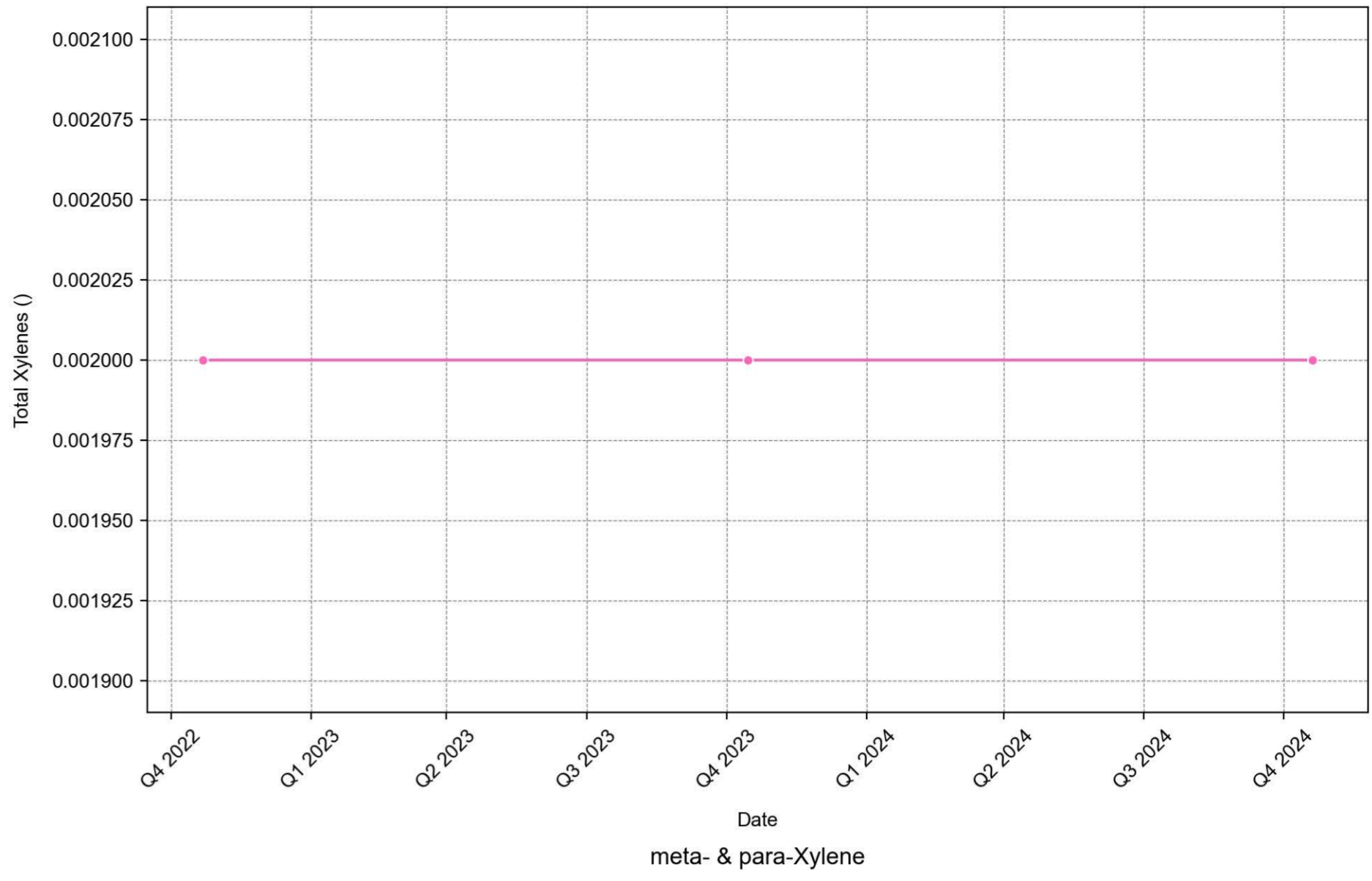
Total Dissolved Solids @180°C



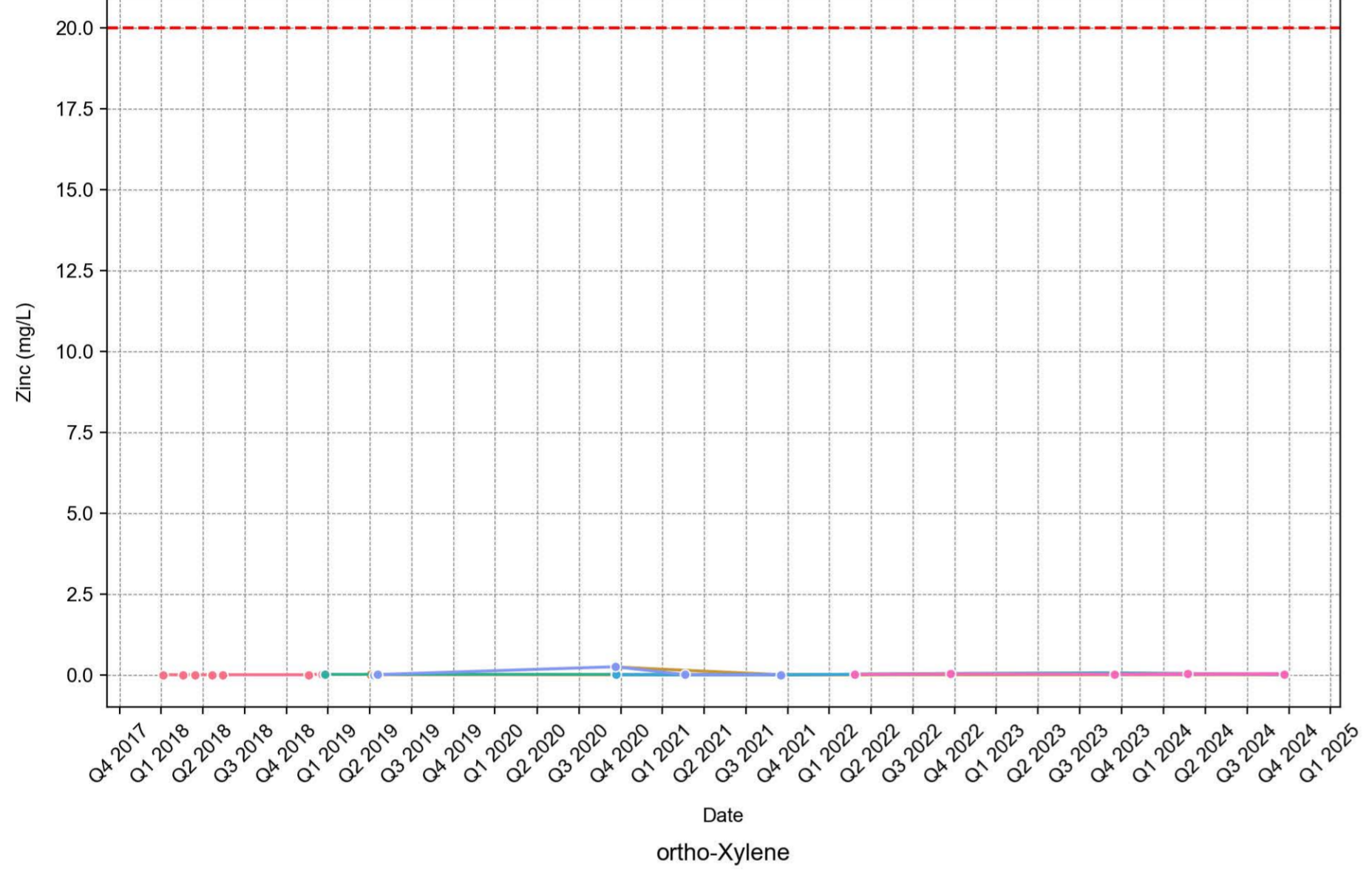
Total Hardness as CaCO3



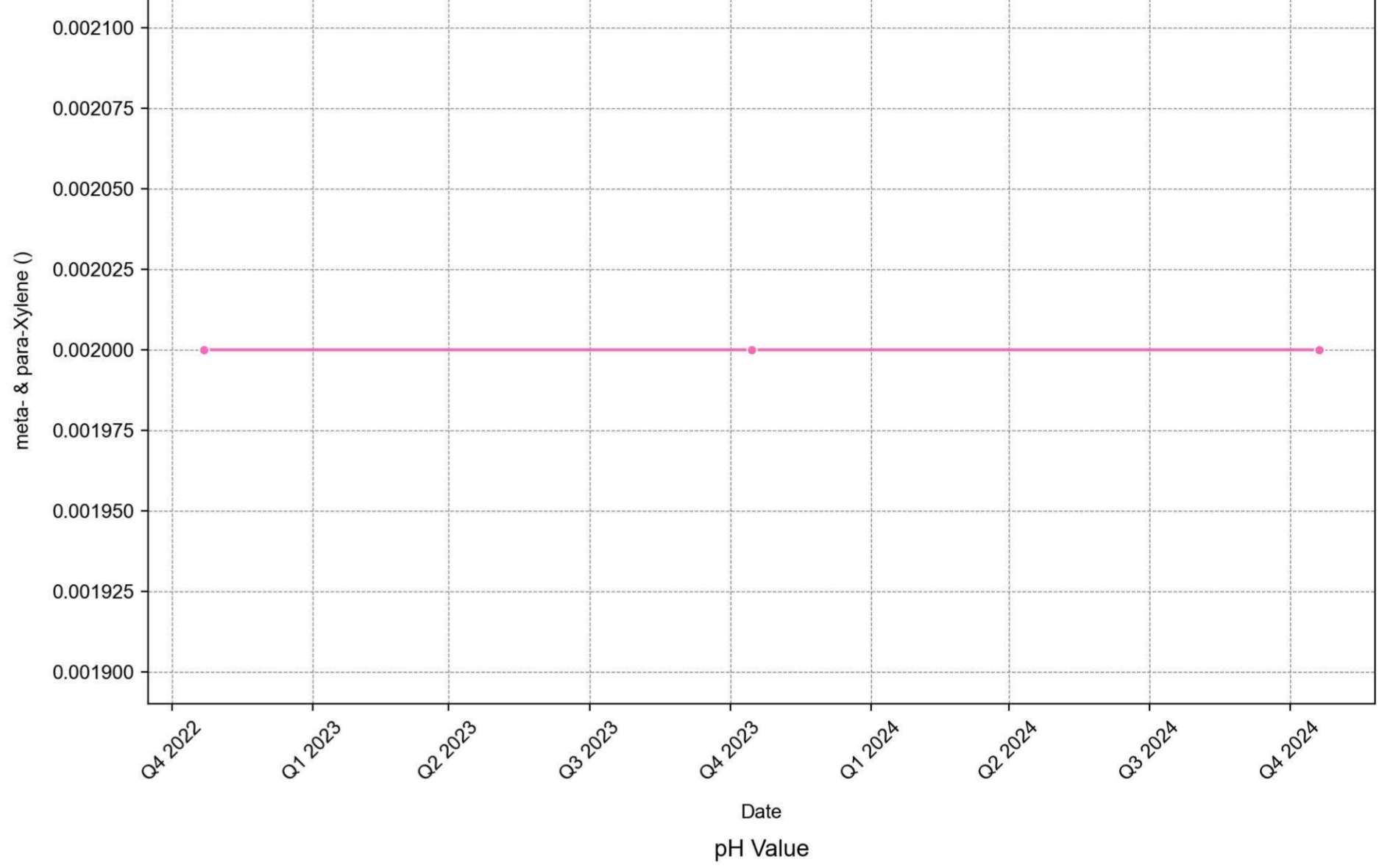
Total Xylenes



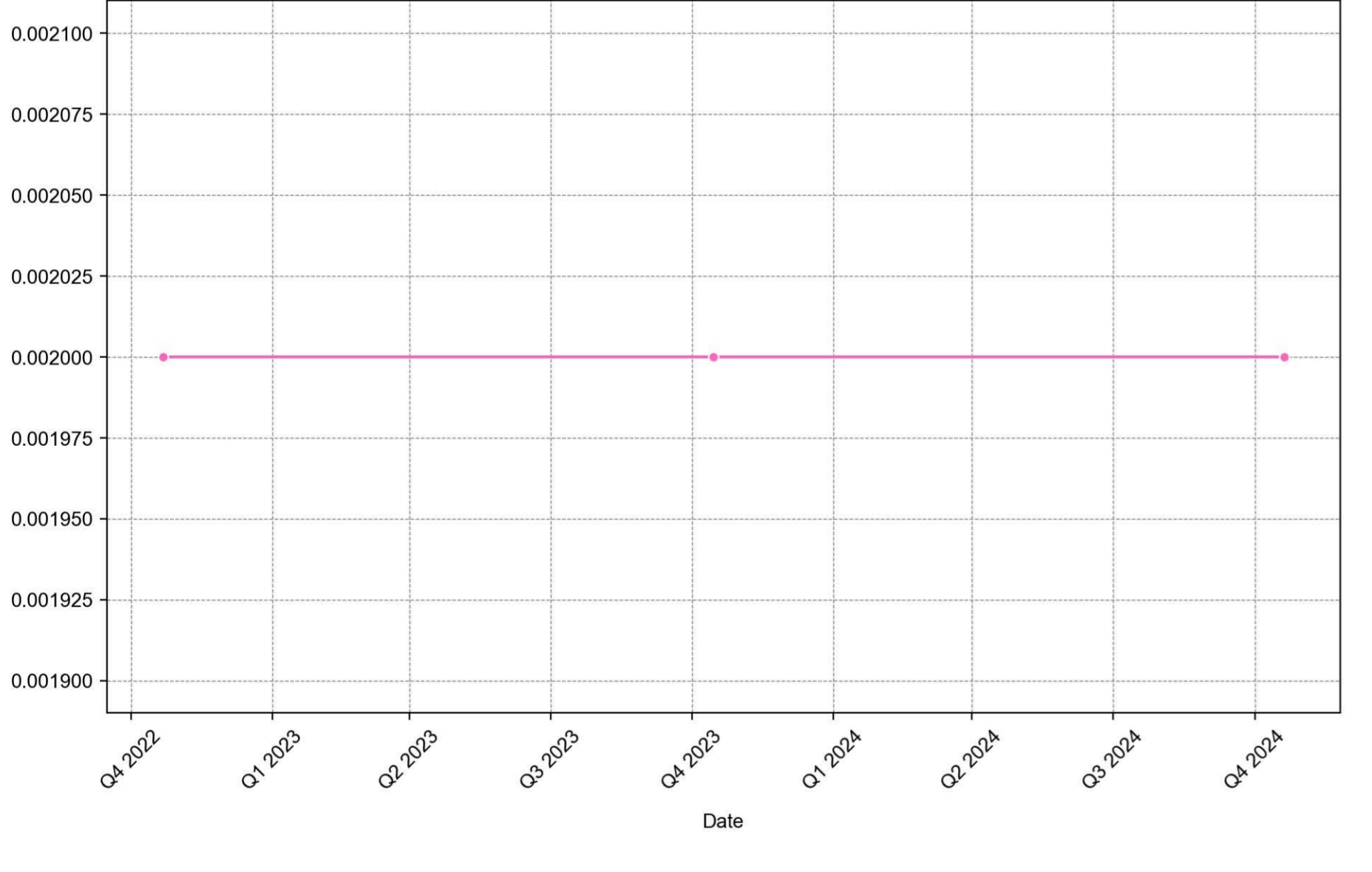
Zinc



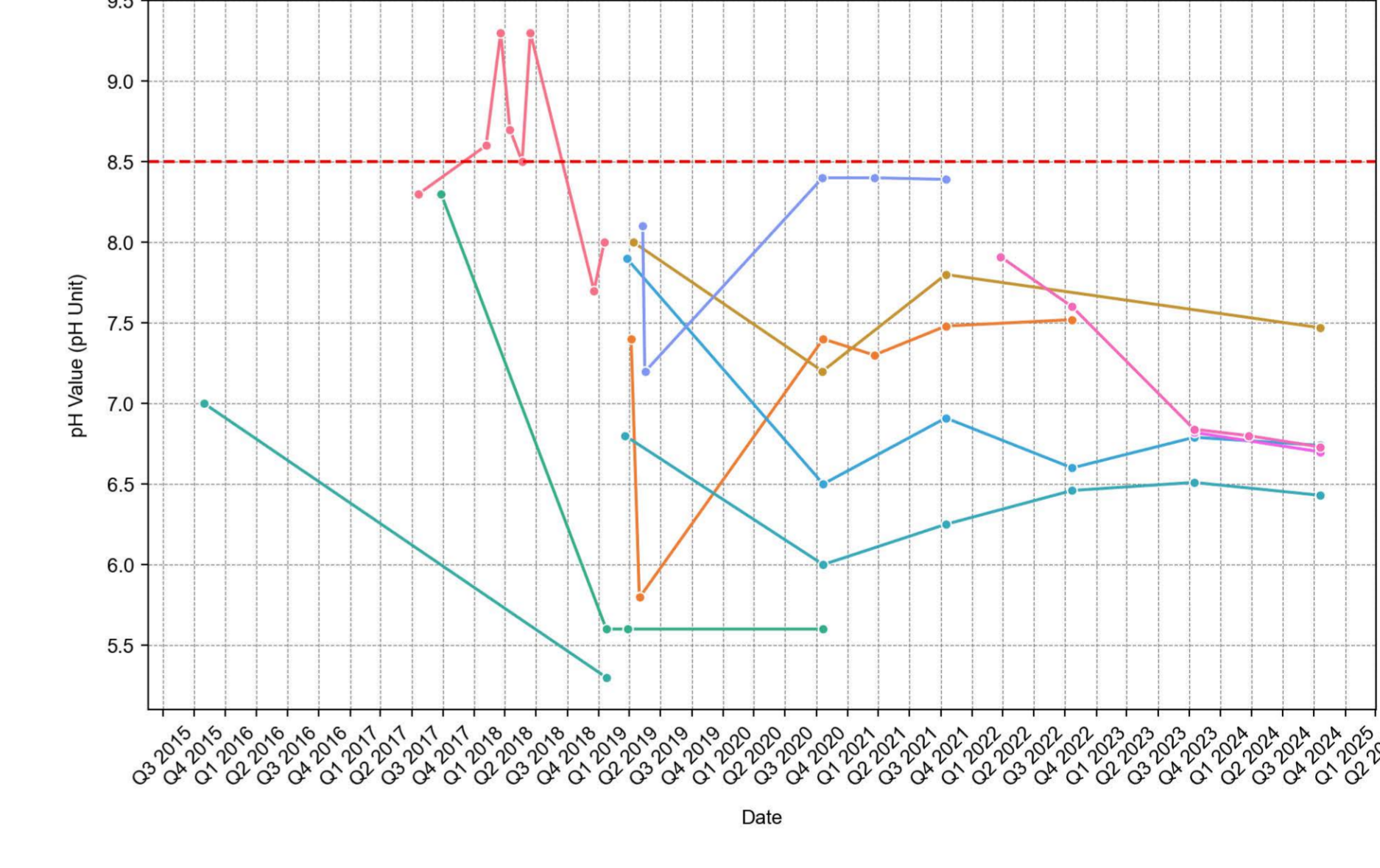
meta- & para-Xylene



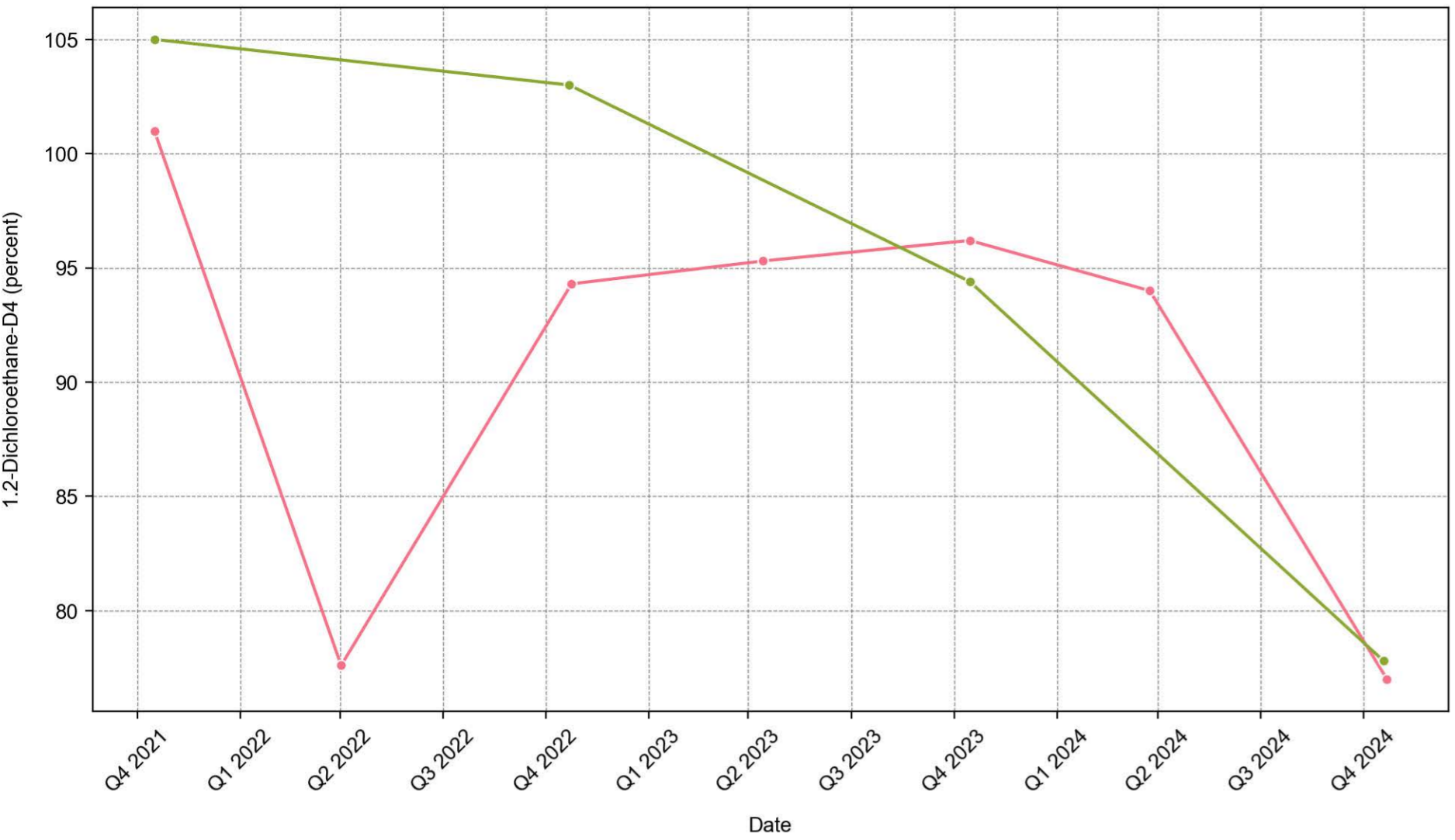
ortho-Xylene



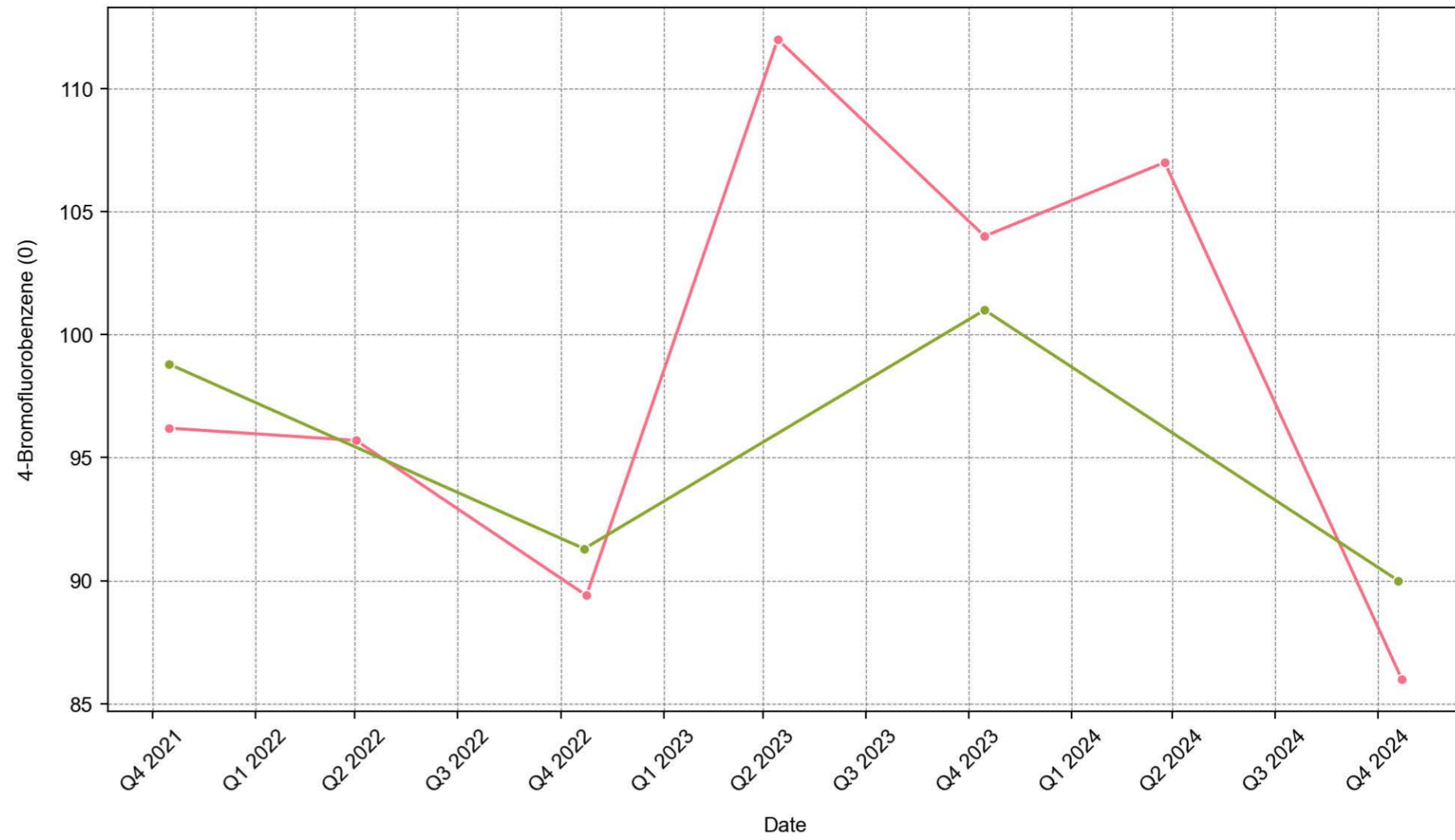
pH Value



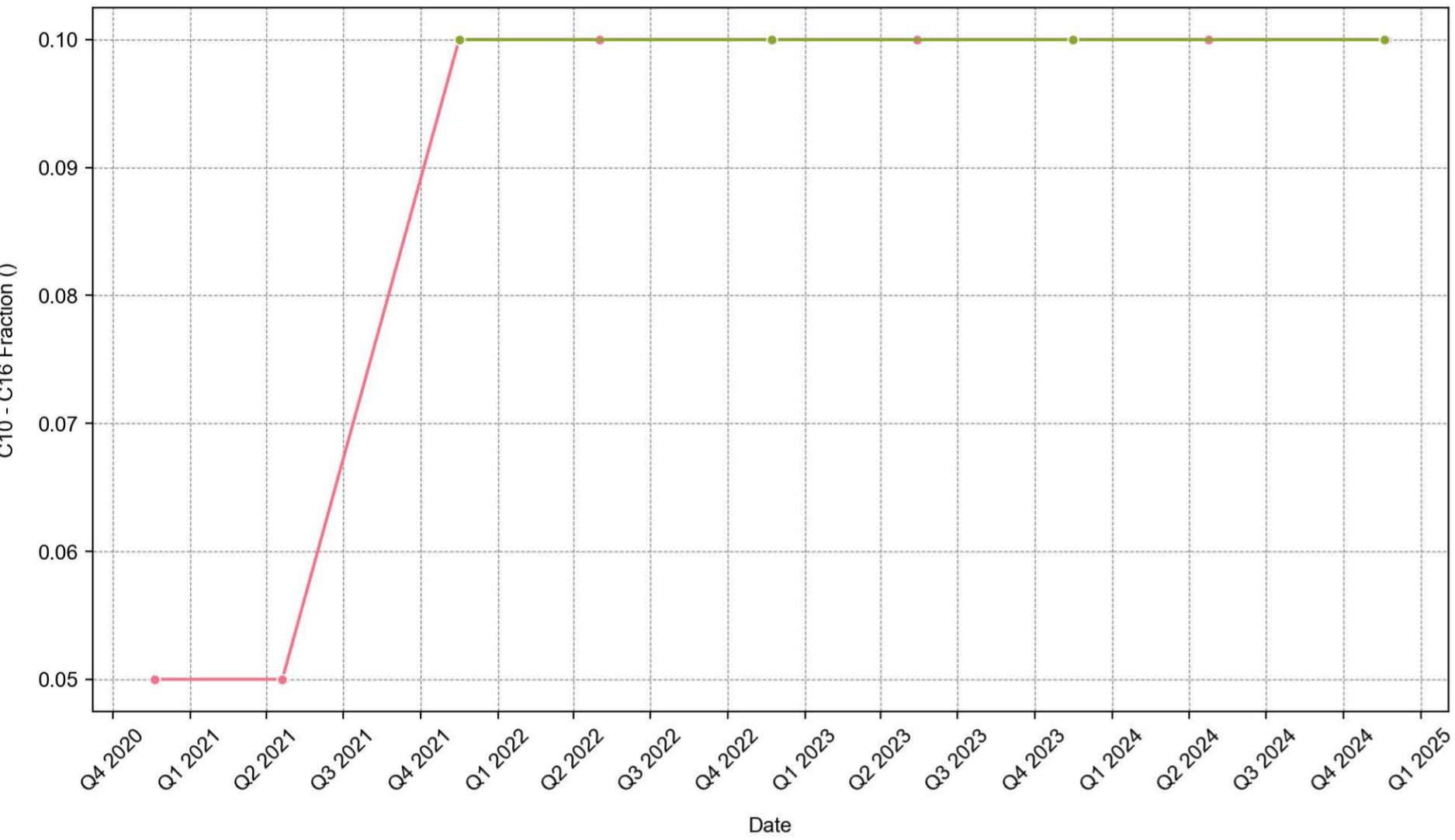
1,2-Dichloroethane-D4



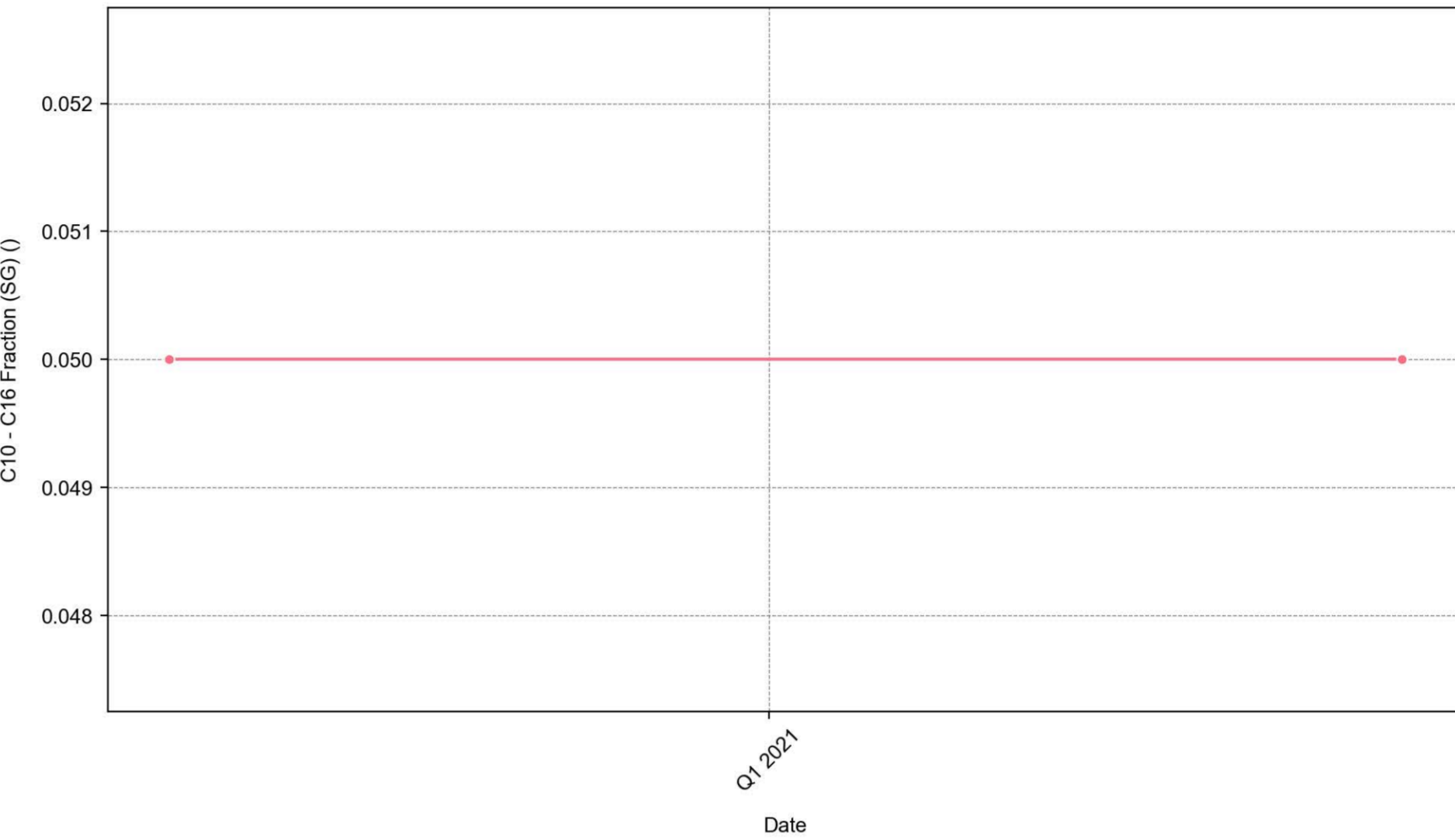
4-Bromofluorobenzene



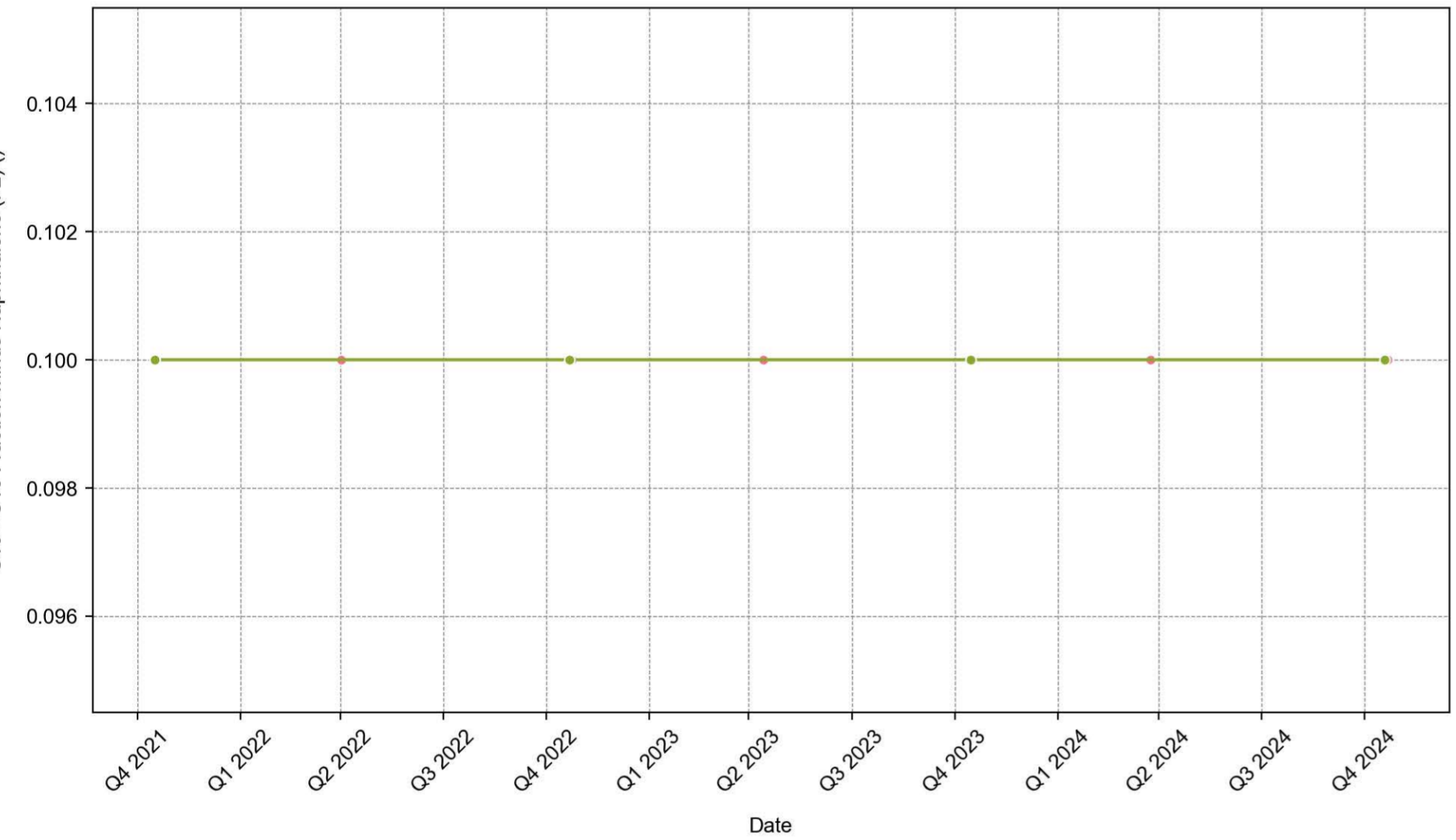
C10 - C16 Fraction



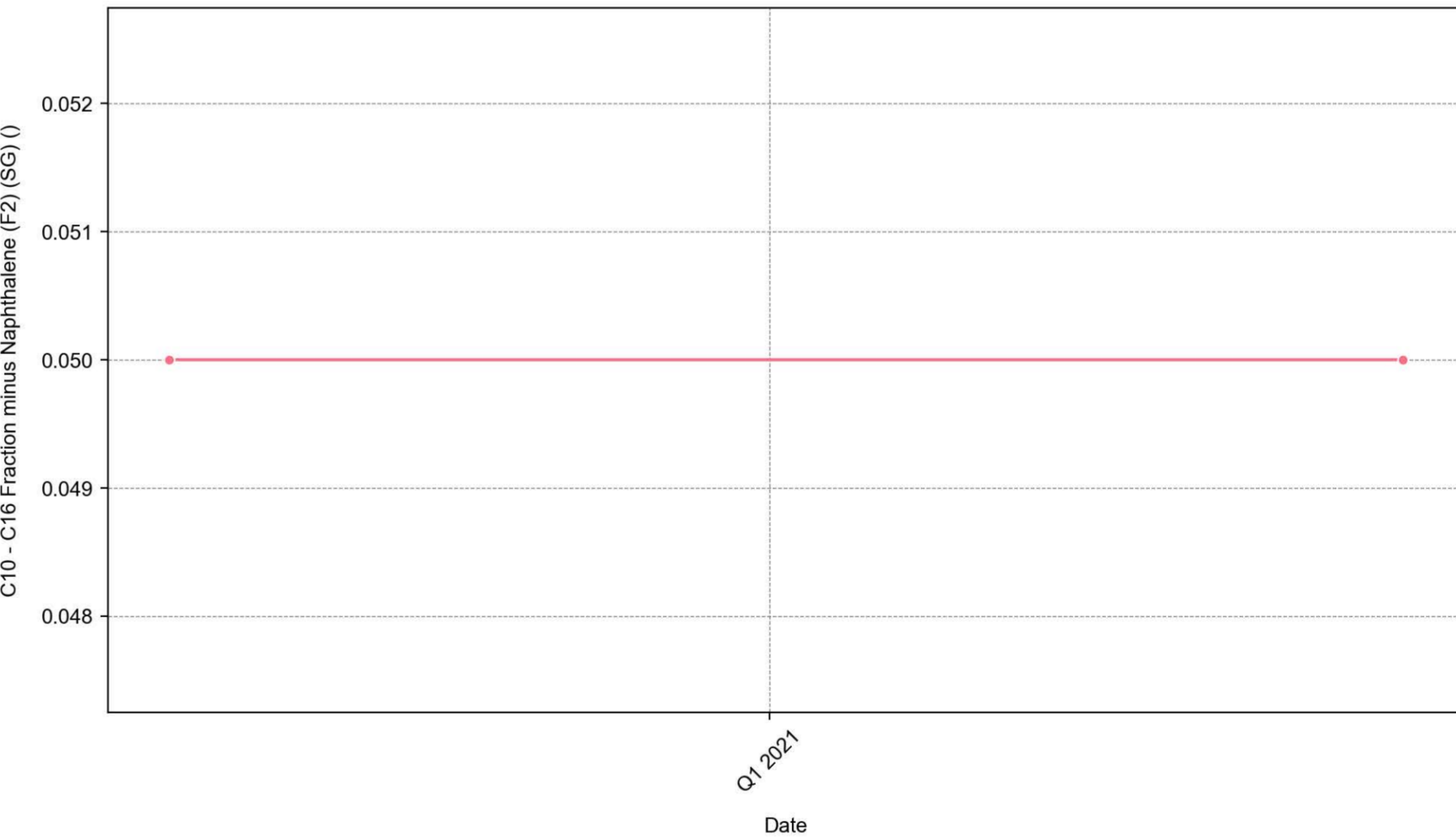
C10 - C16 Fraction (SG)



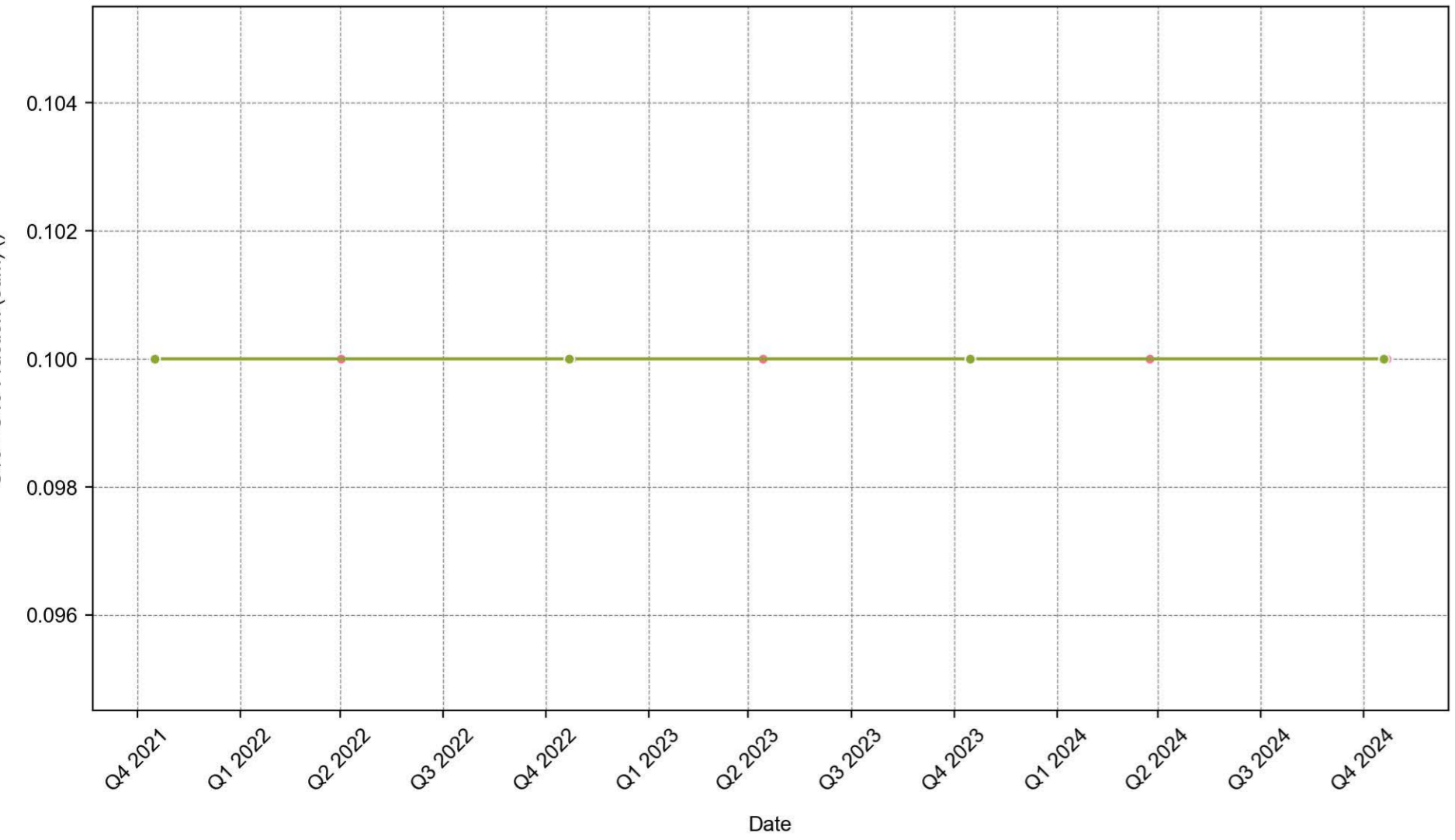
C10 - C16 Fraction minus Naphthalene (F2)



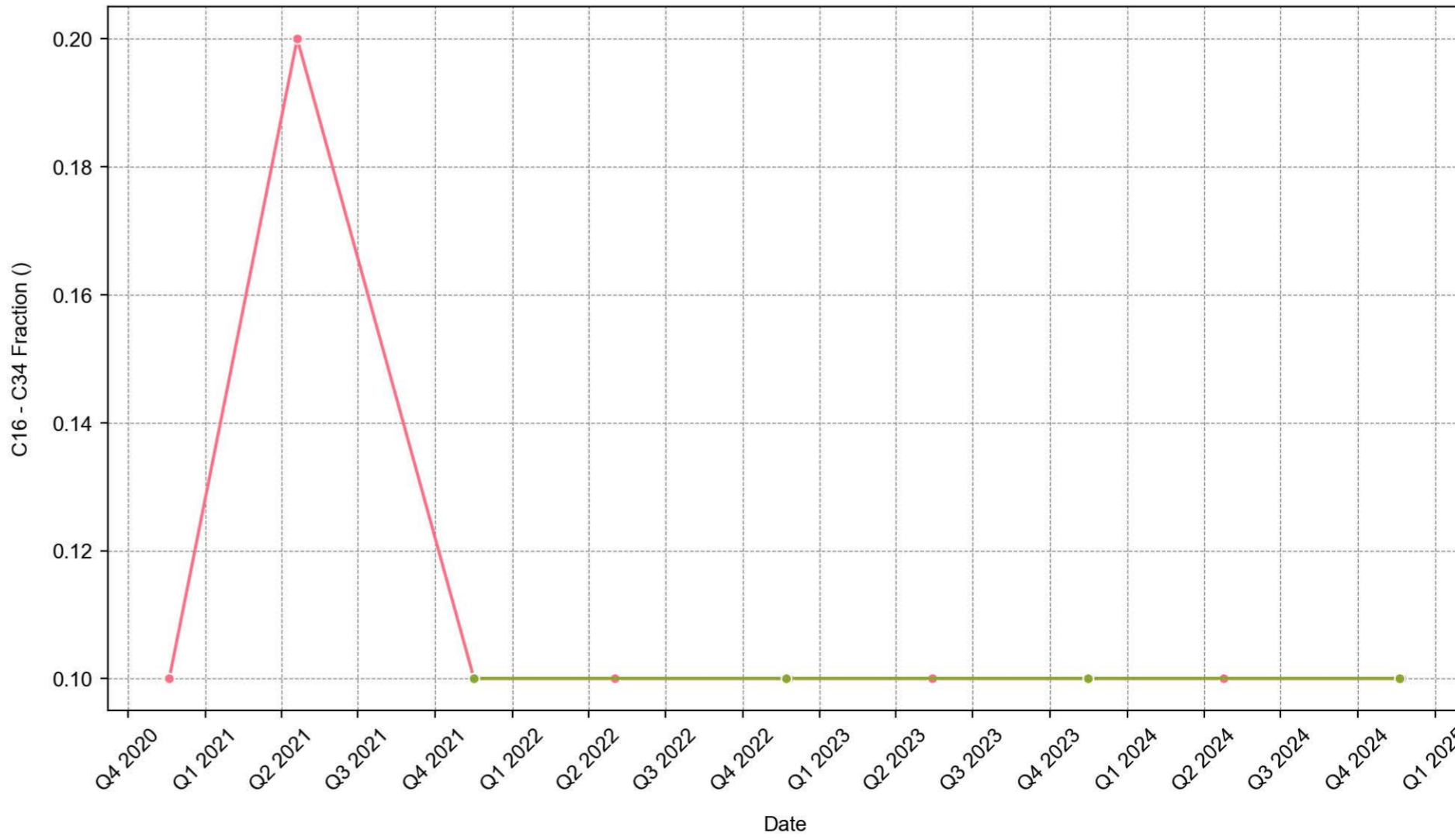
C10 - C16 Fraction minus Naphthalene (F2) (SG)



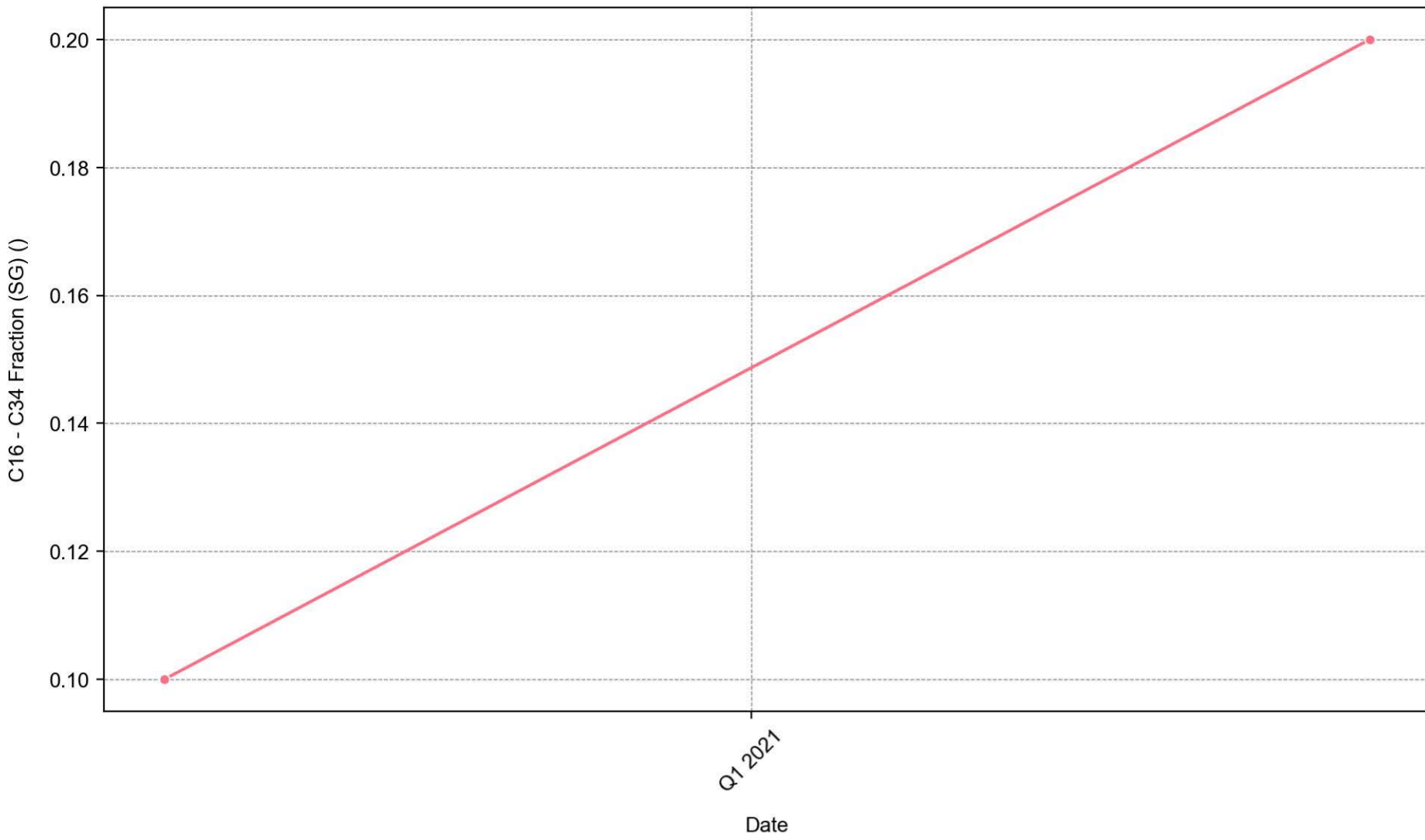
C10 - C40 Fraction (sum)



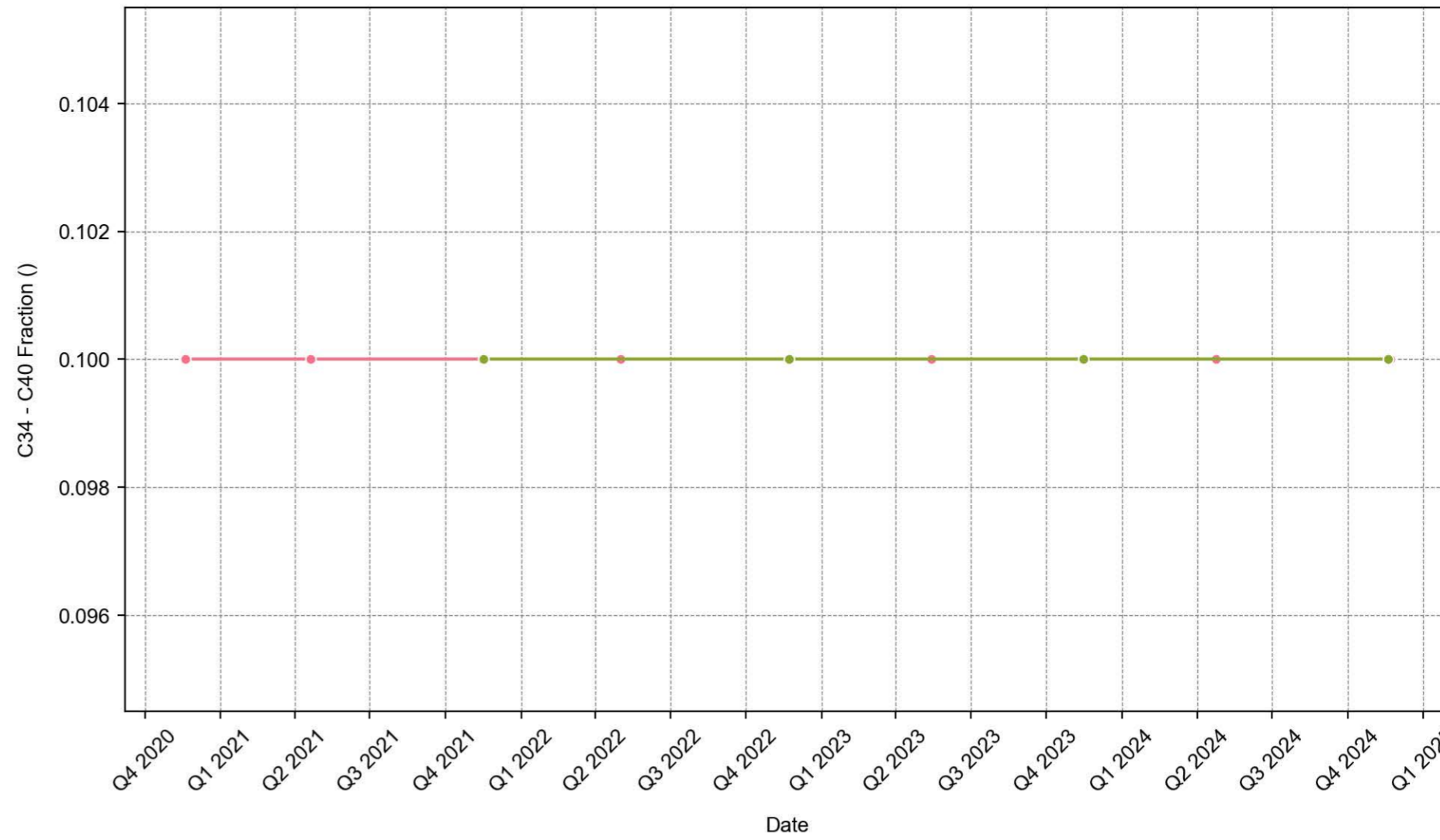
C16 - C34 Fraction



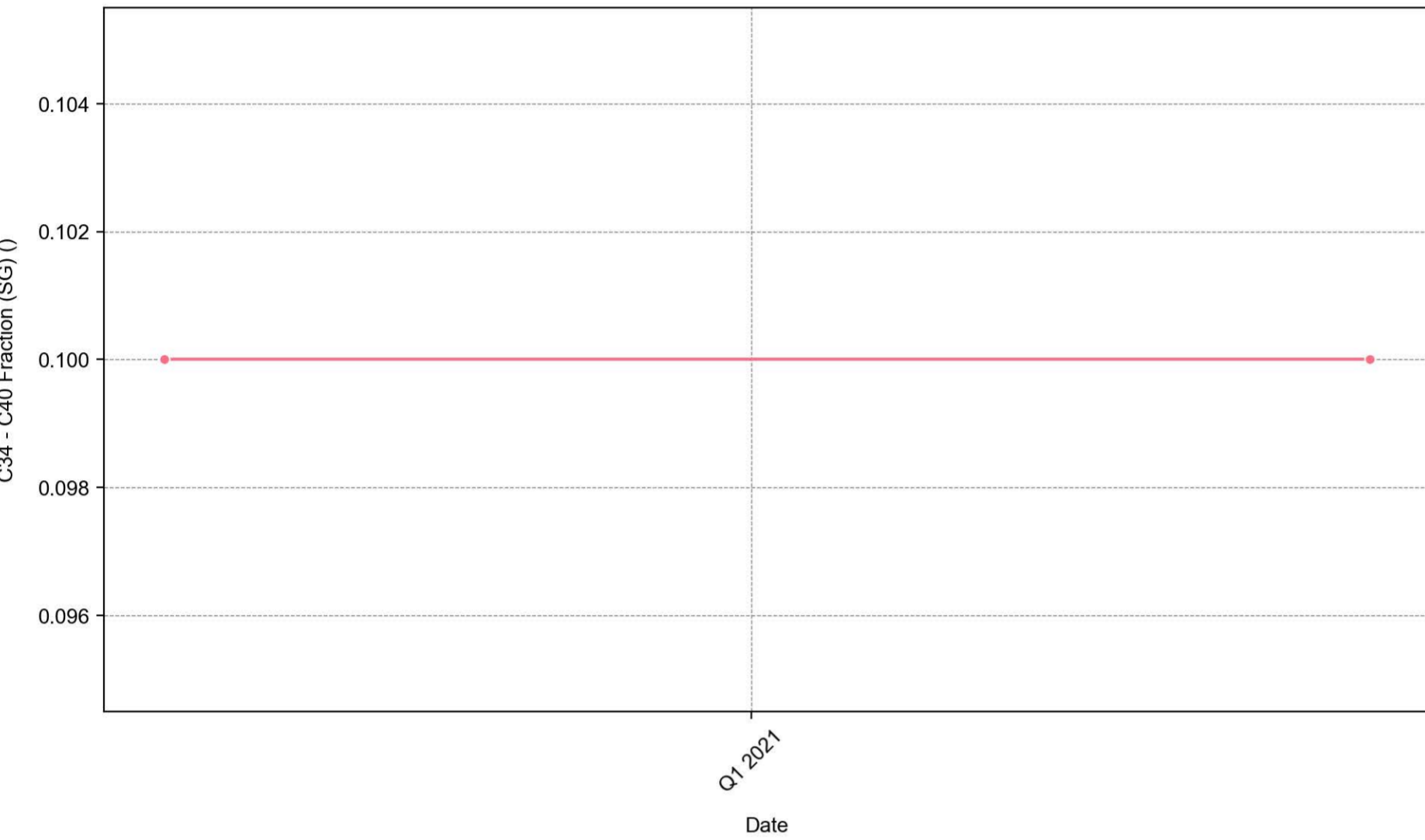
C16 - C34 Fraction (SG)



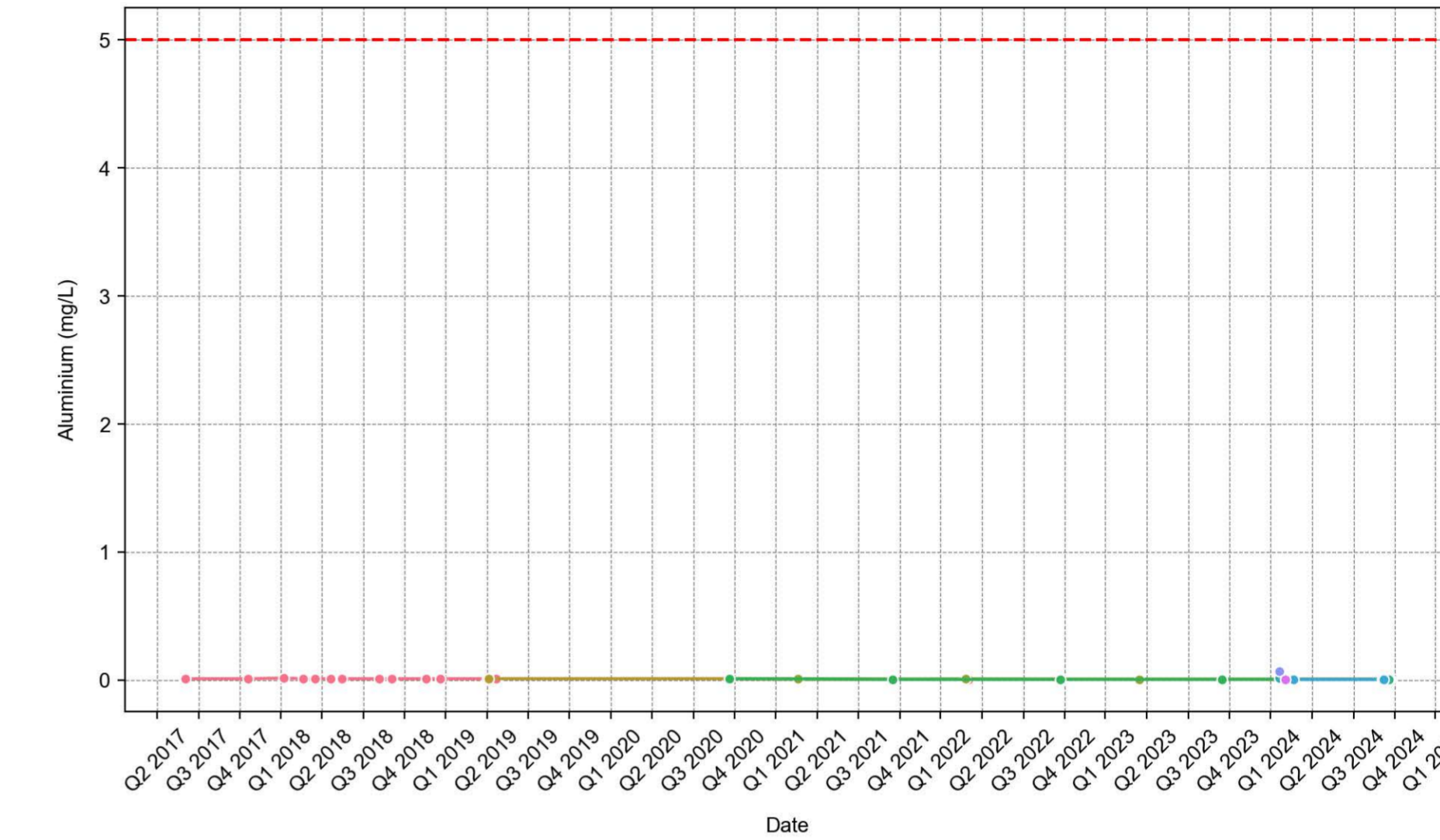
C34 - C40 Fraction



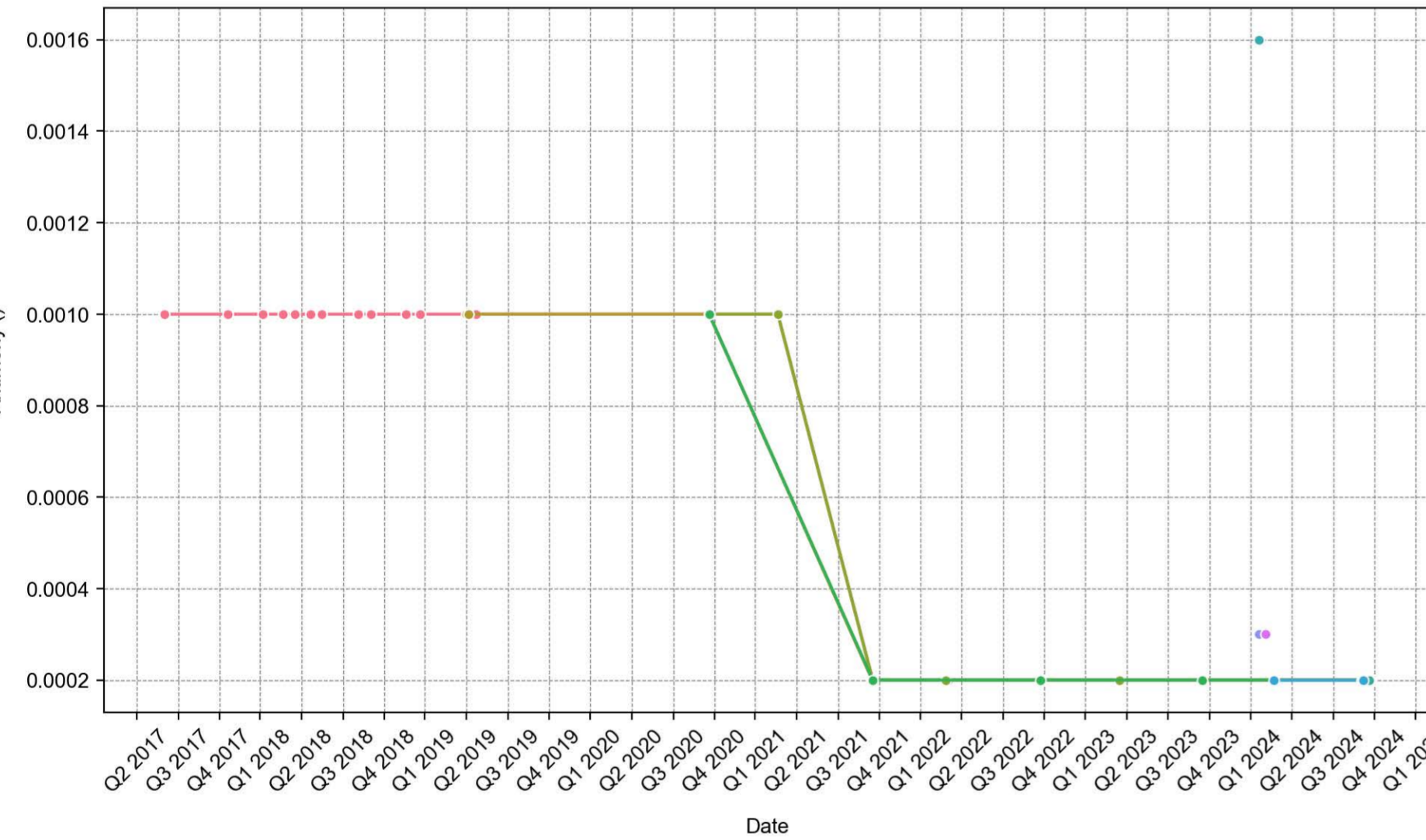
C34 - C40 Fraction (SG)



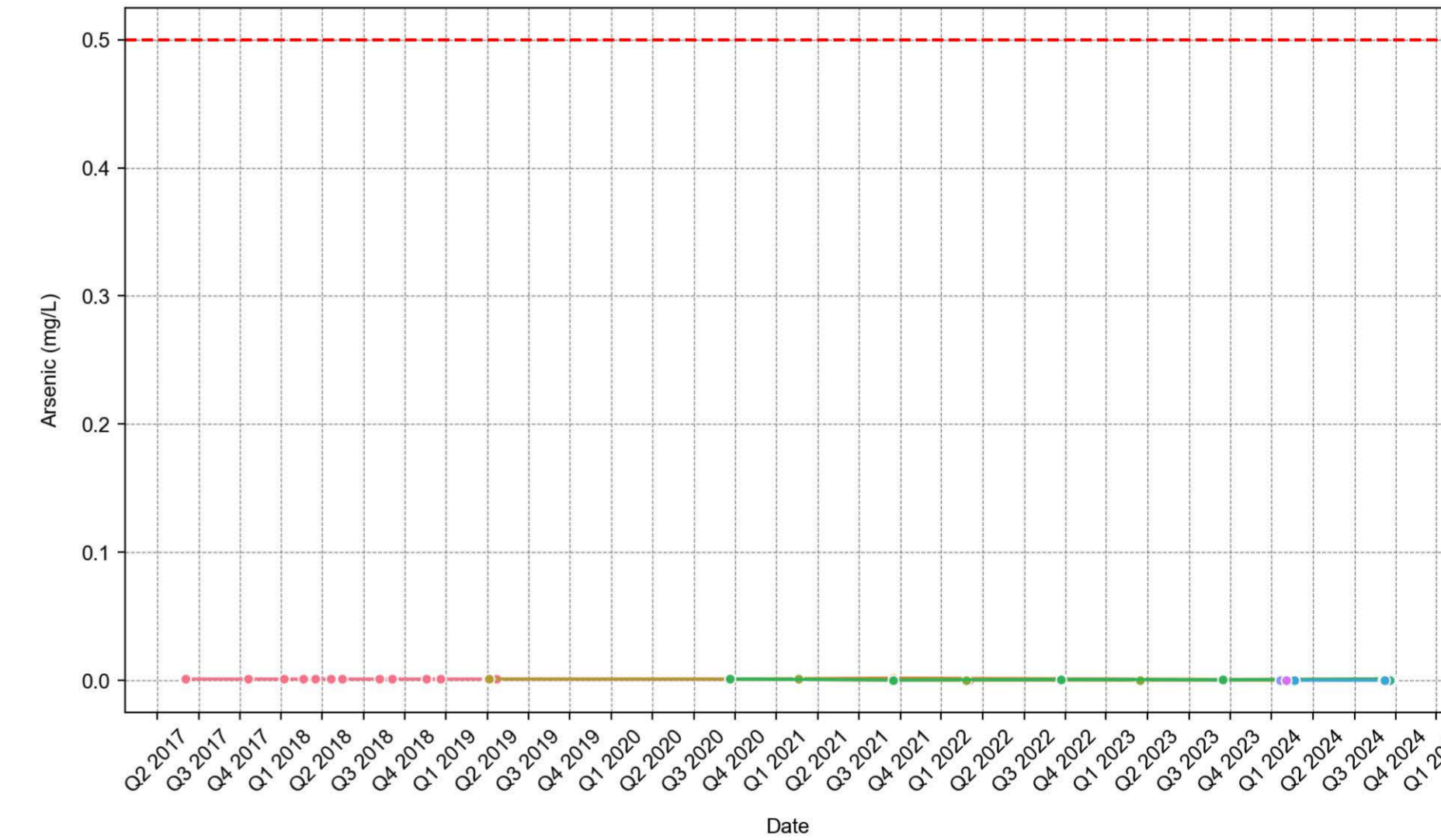
Aluminium



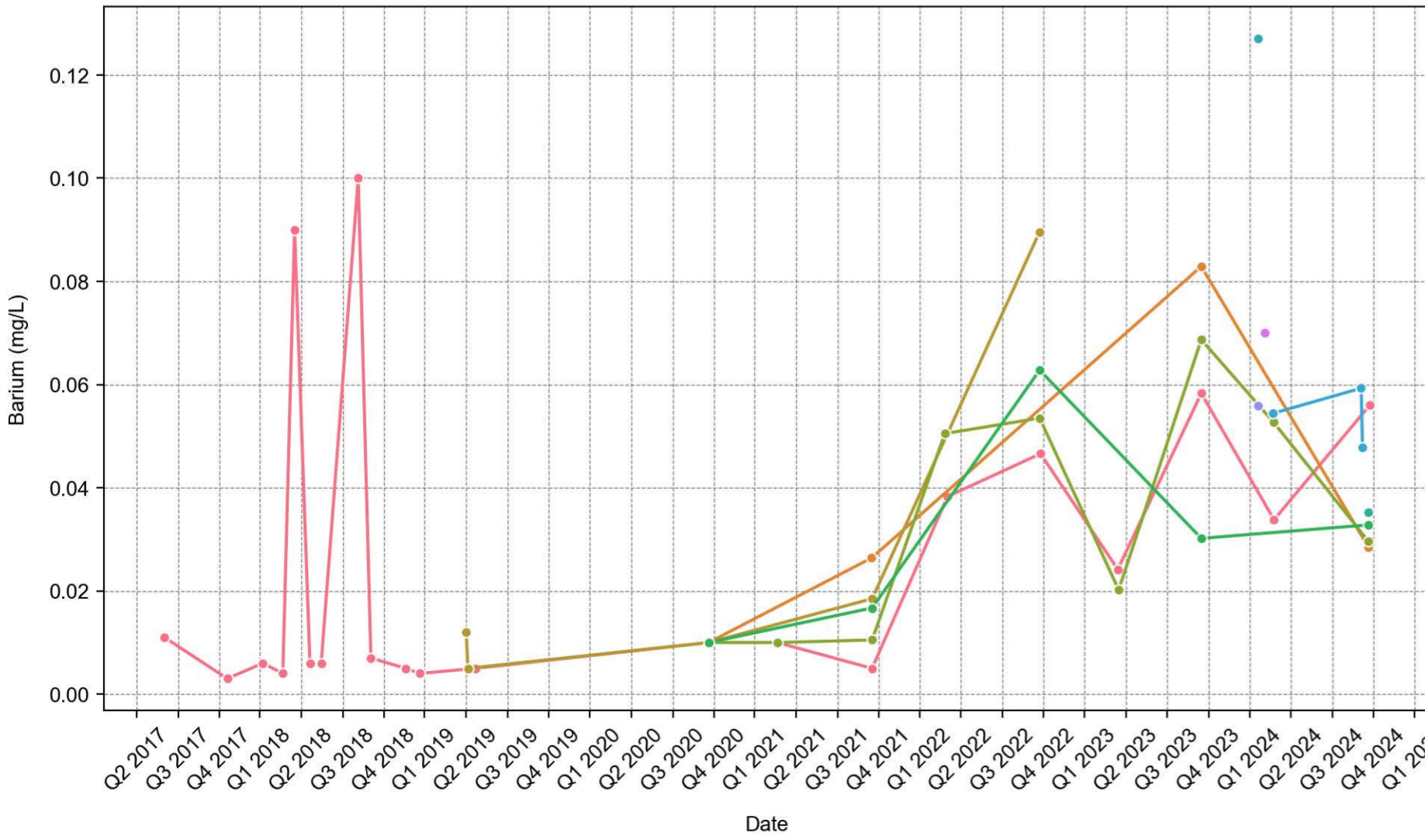
Antimony



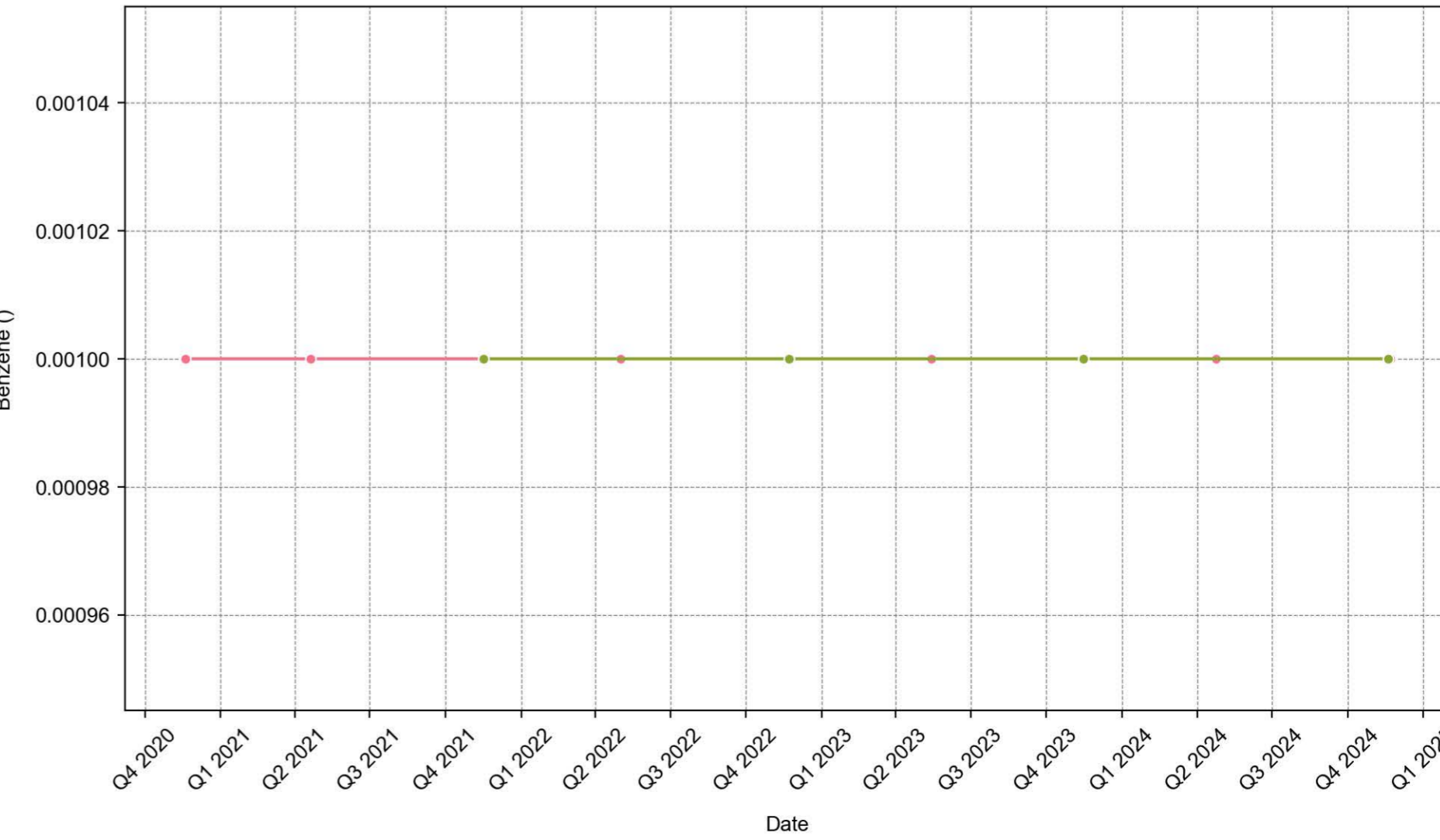
Arsenic



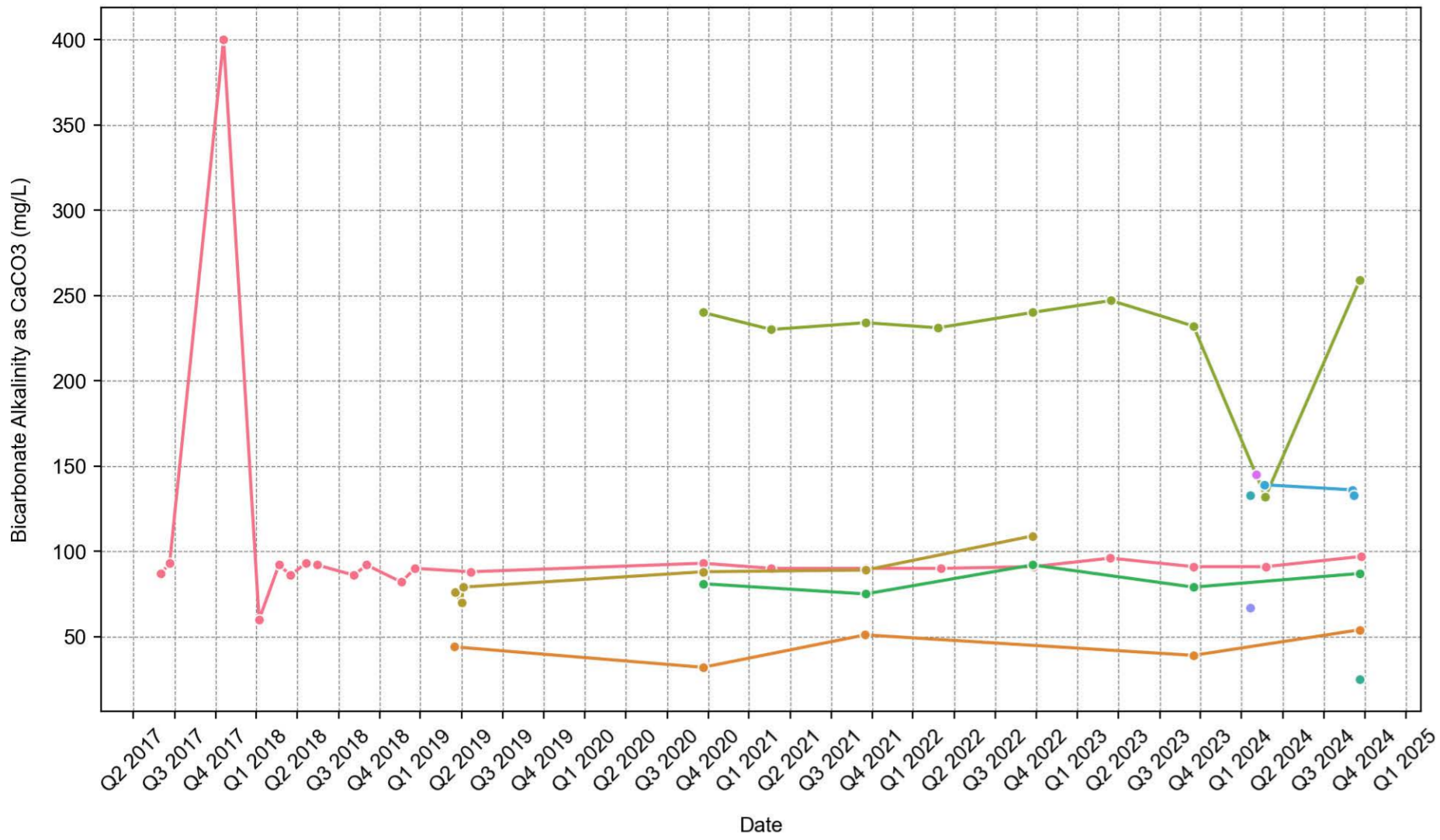
Barium



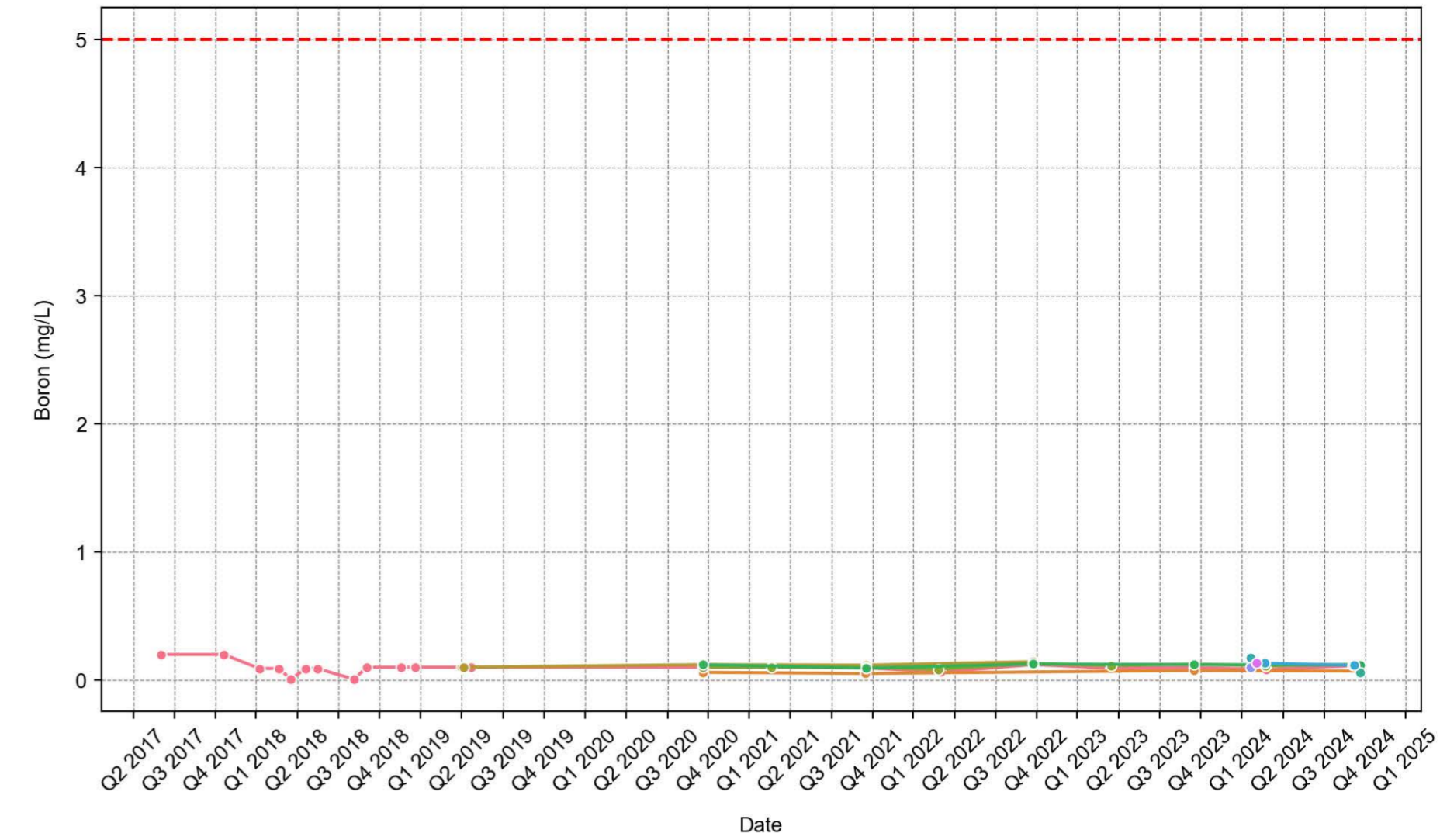
Benzene



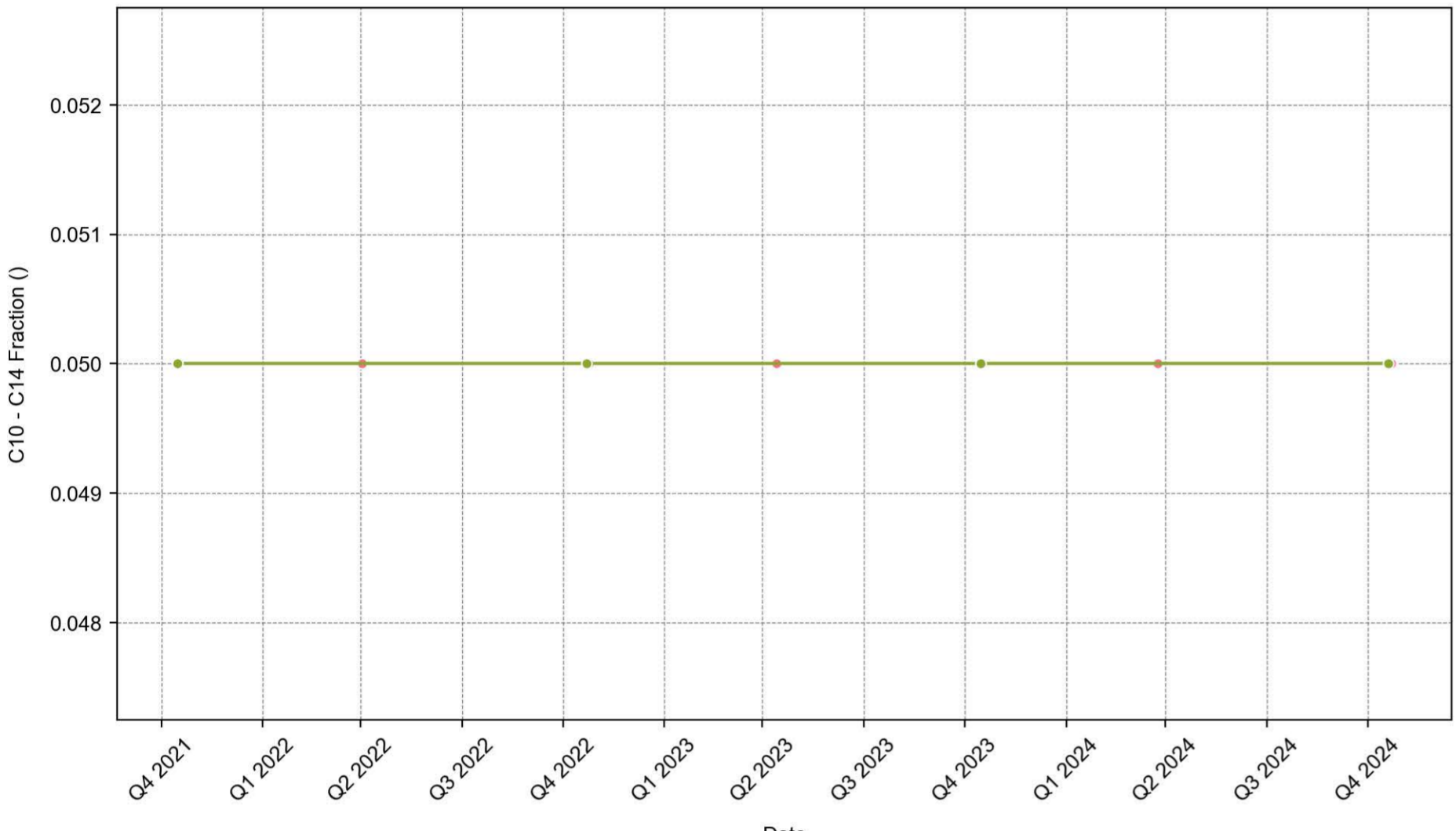
Bicarbonate Alkalinity as CaCO3



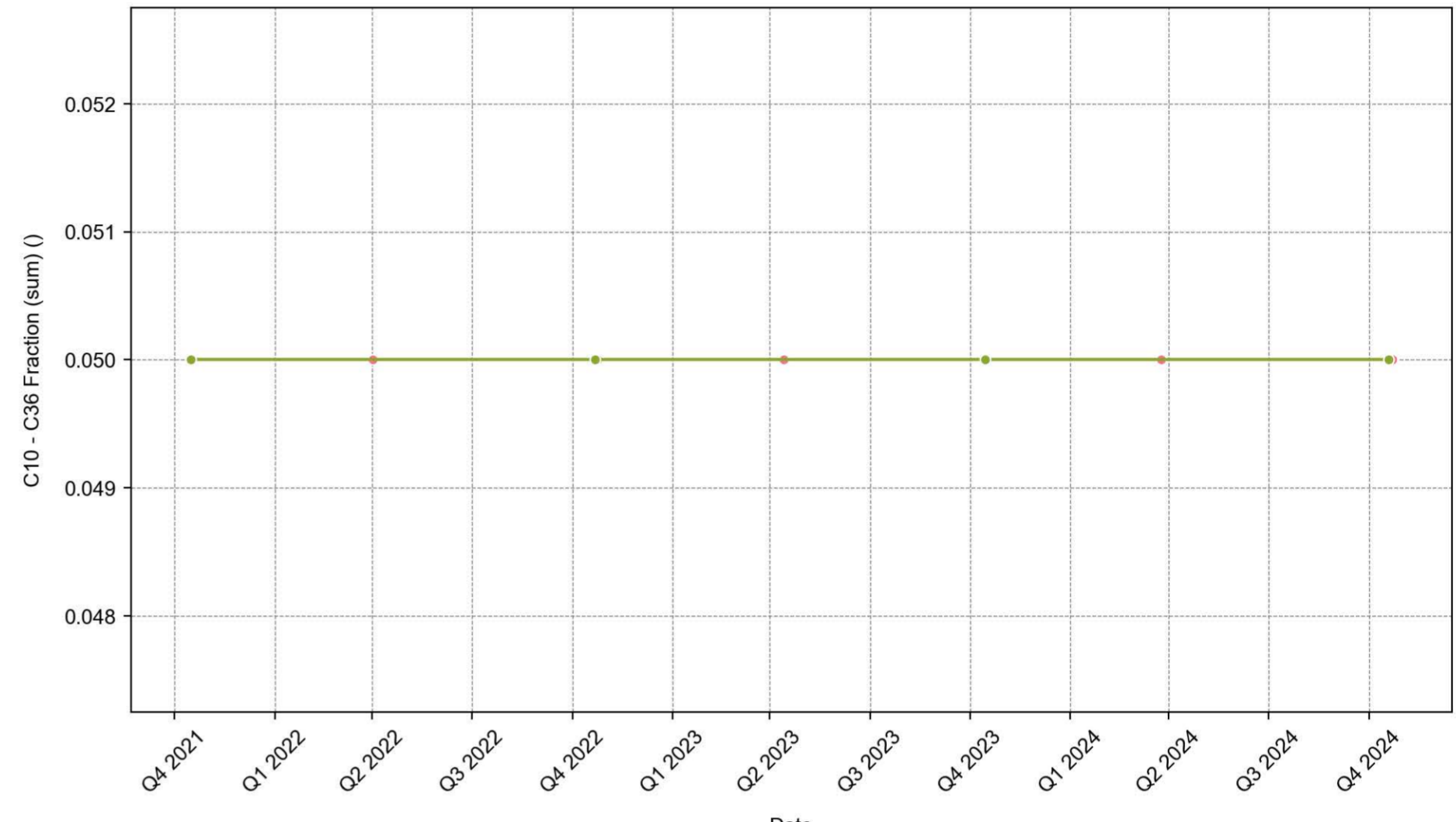
Boron



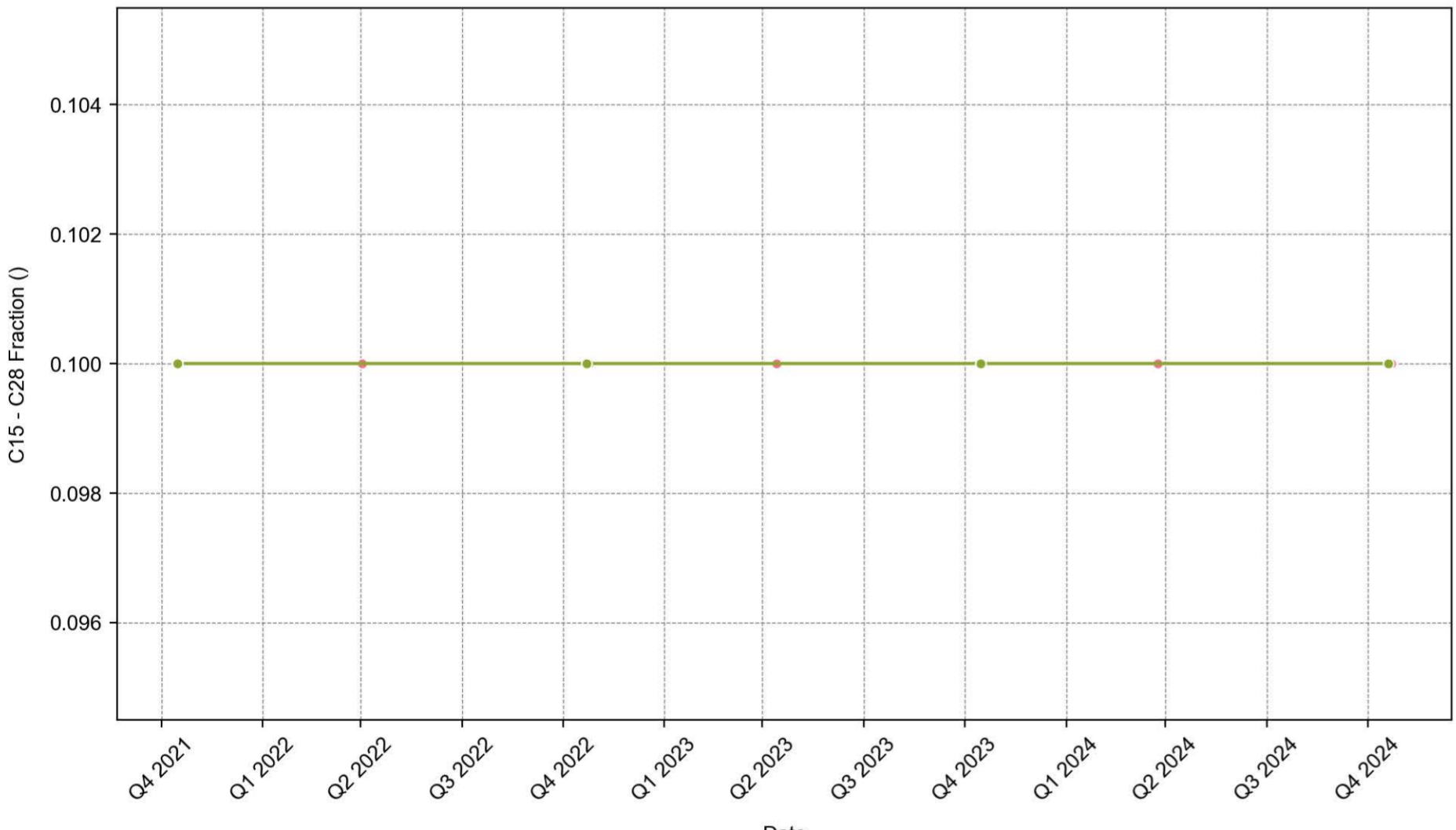
C10 - C14 Fraction



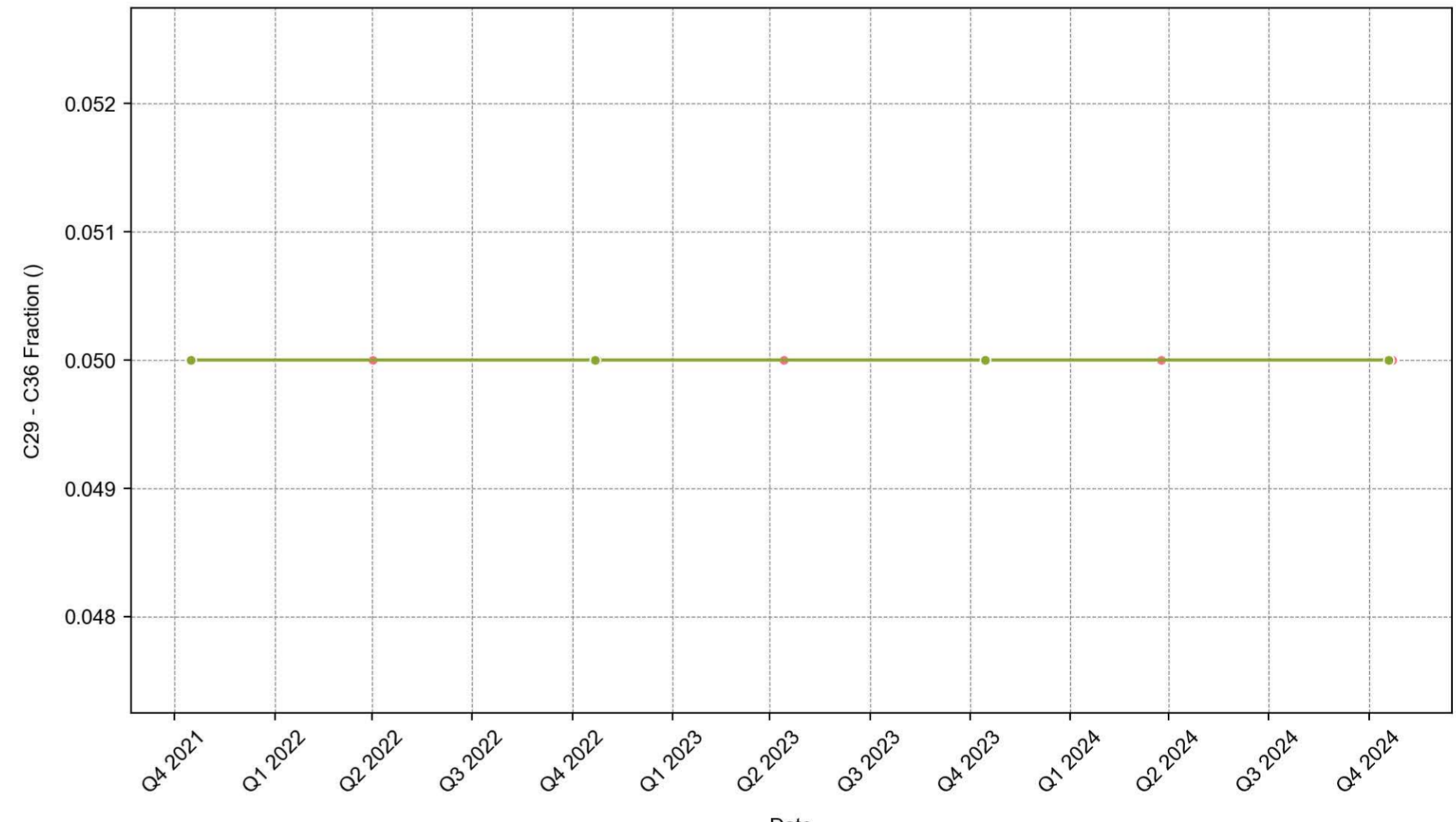
C10 - C36 Fraction (sum)



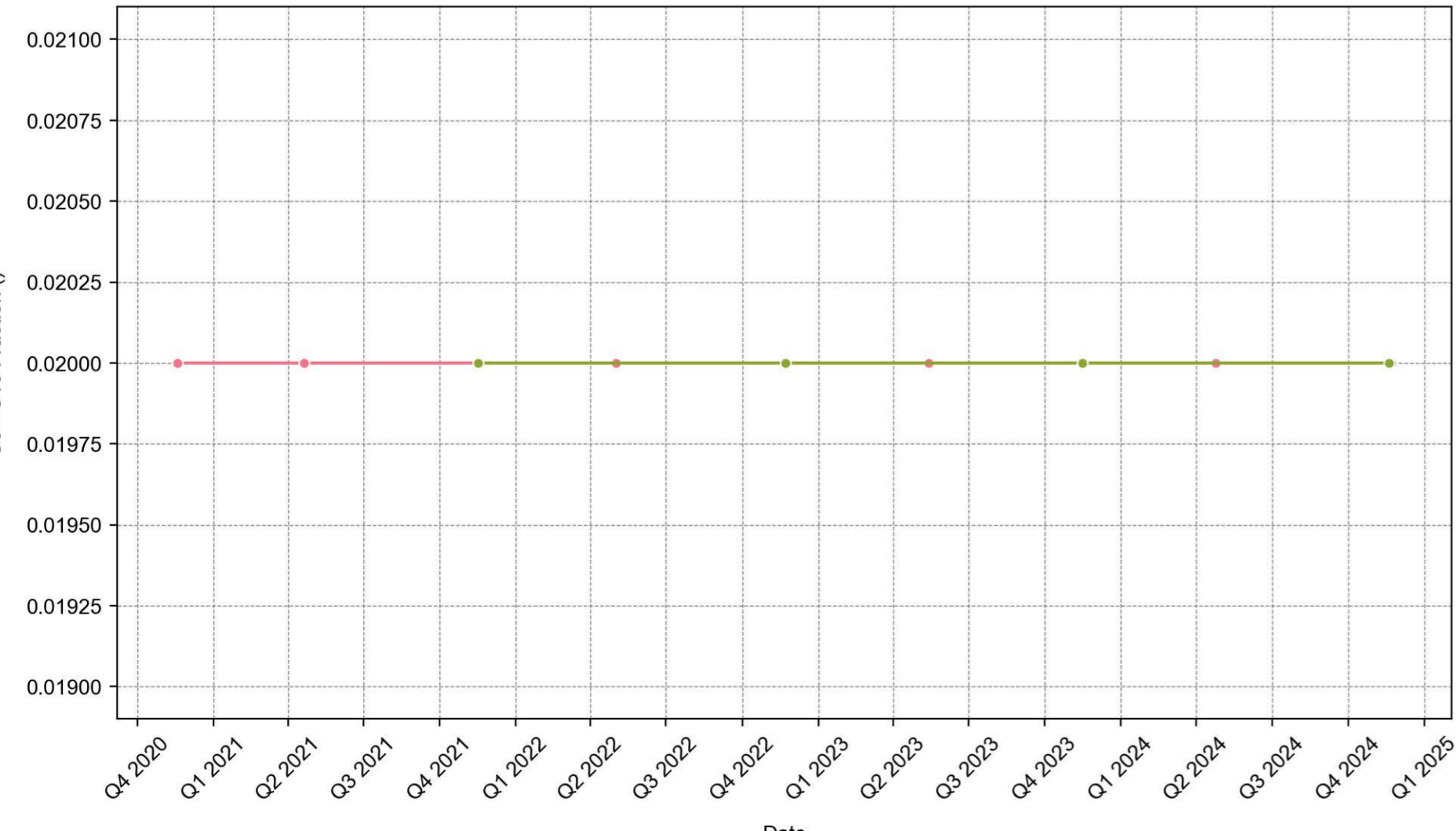
C15 - C28 Fraction



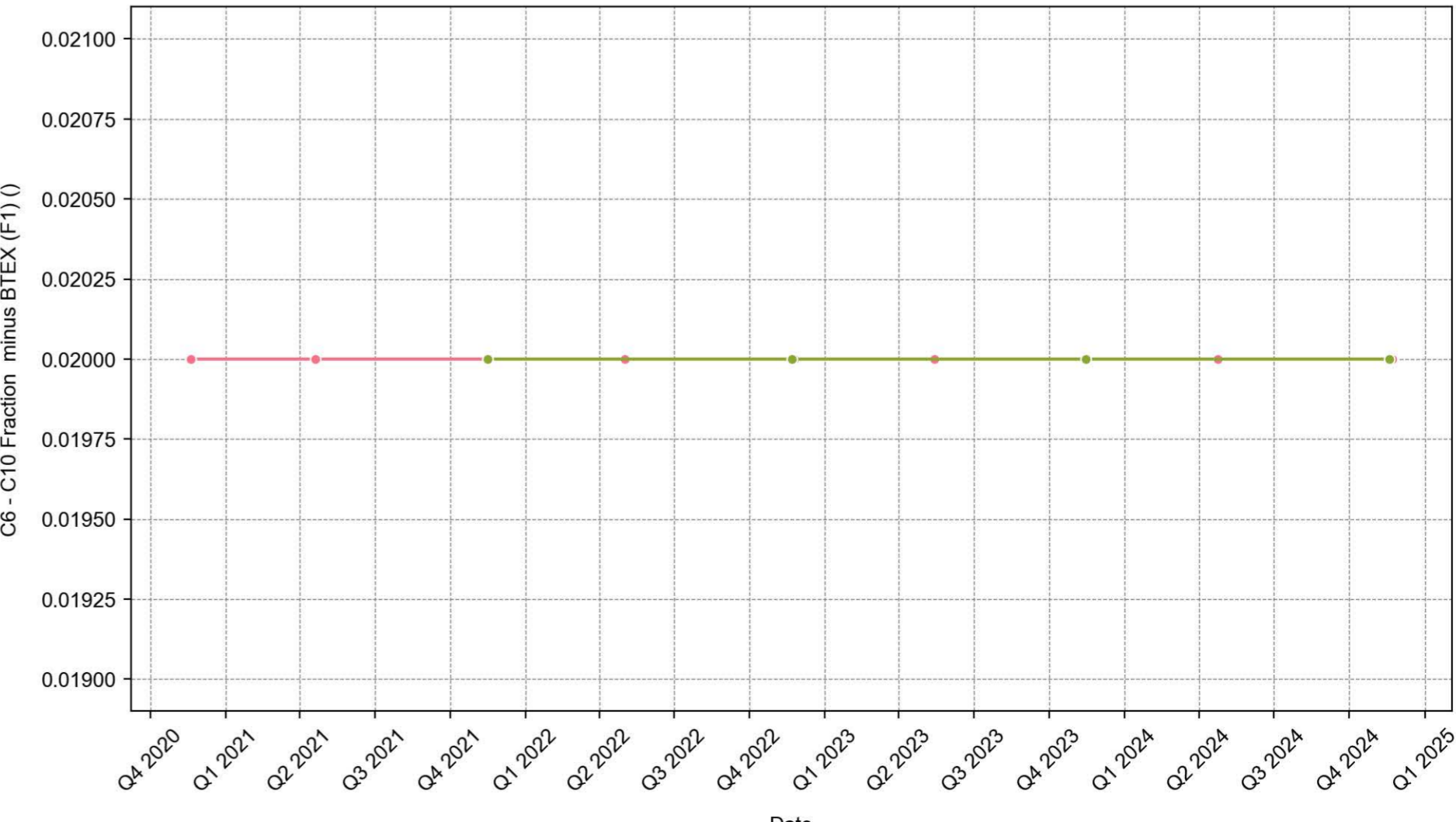
C29 - C36 Fraction



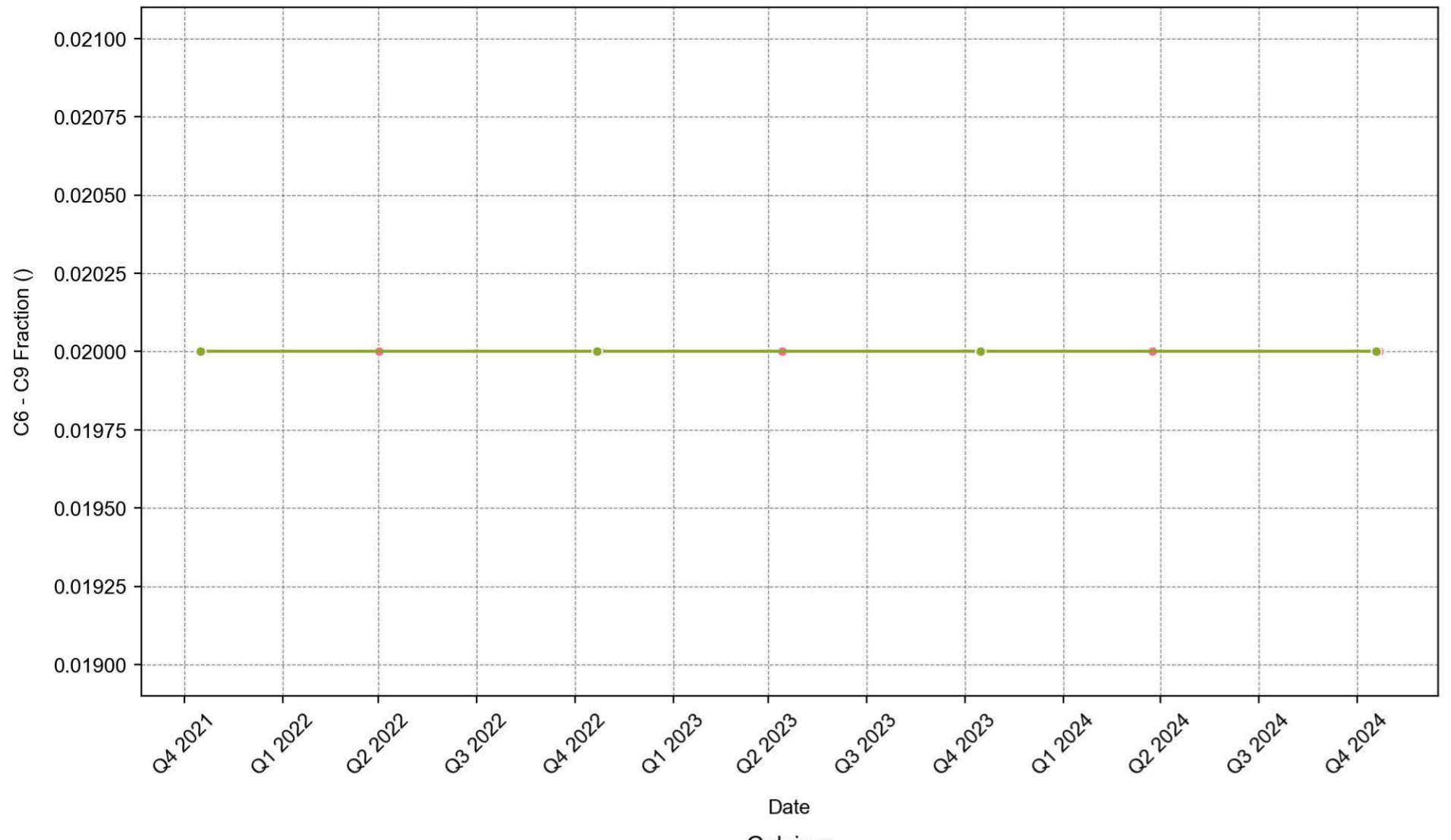
C6 - C10 Fraction



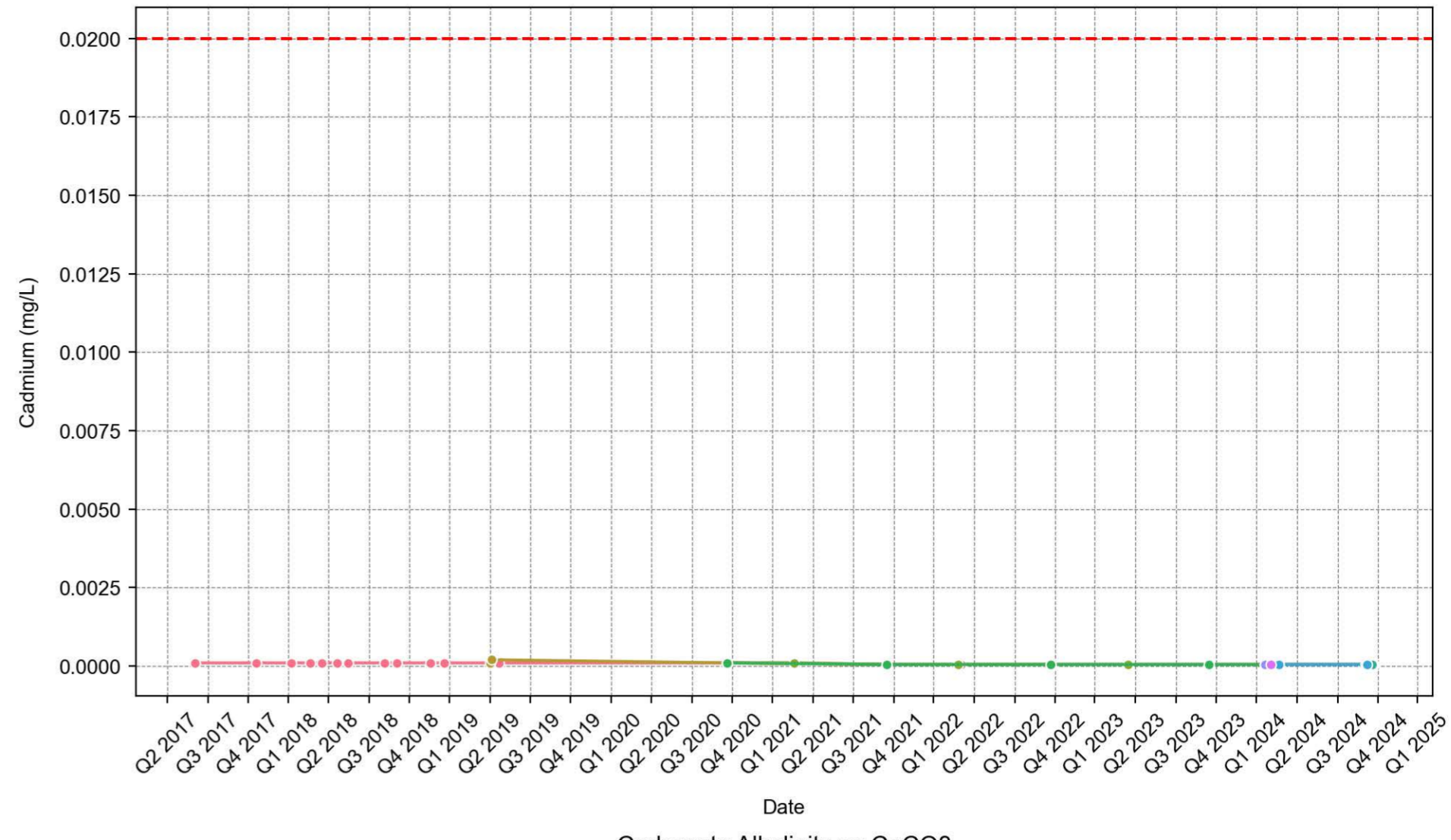
C6 - C10 Fraction minus BTEX (F1)



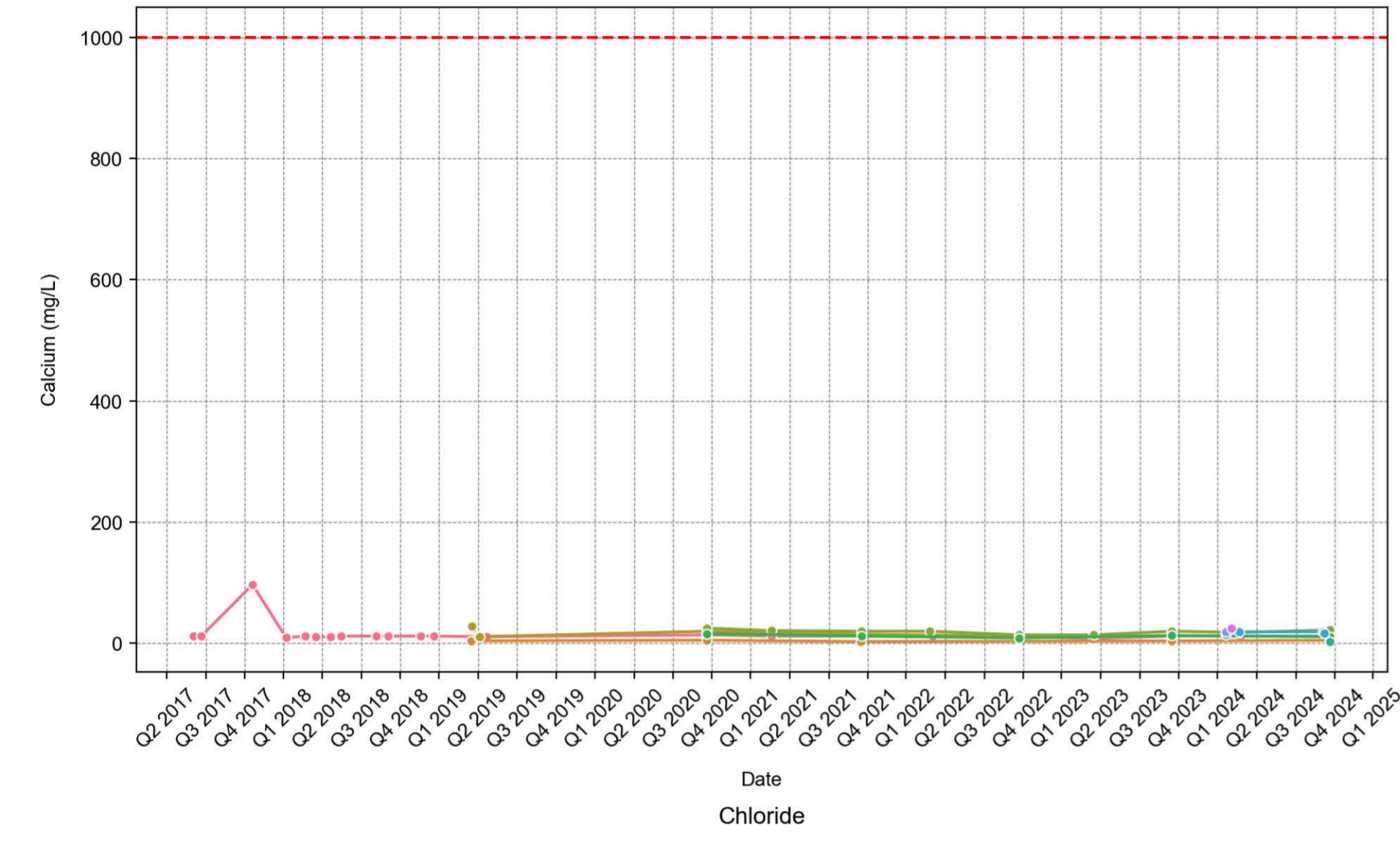
C6 - C9 Fraction



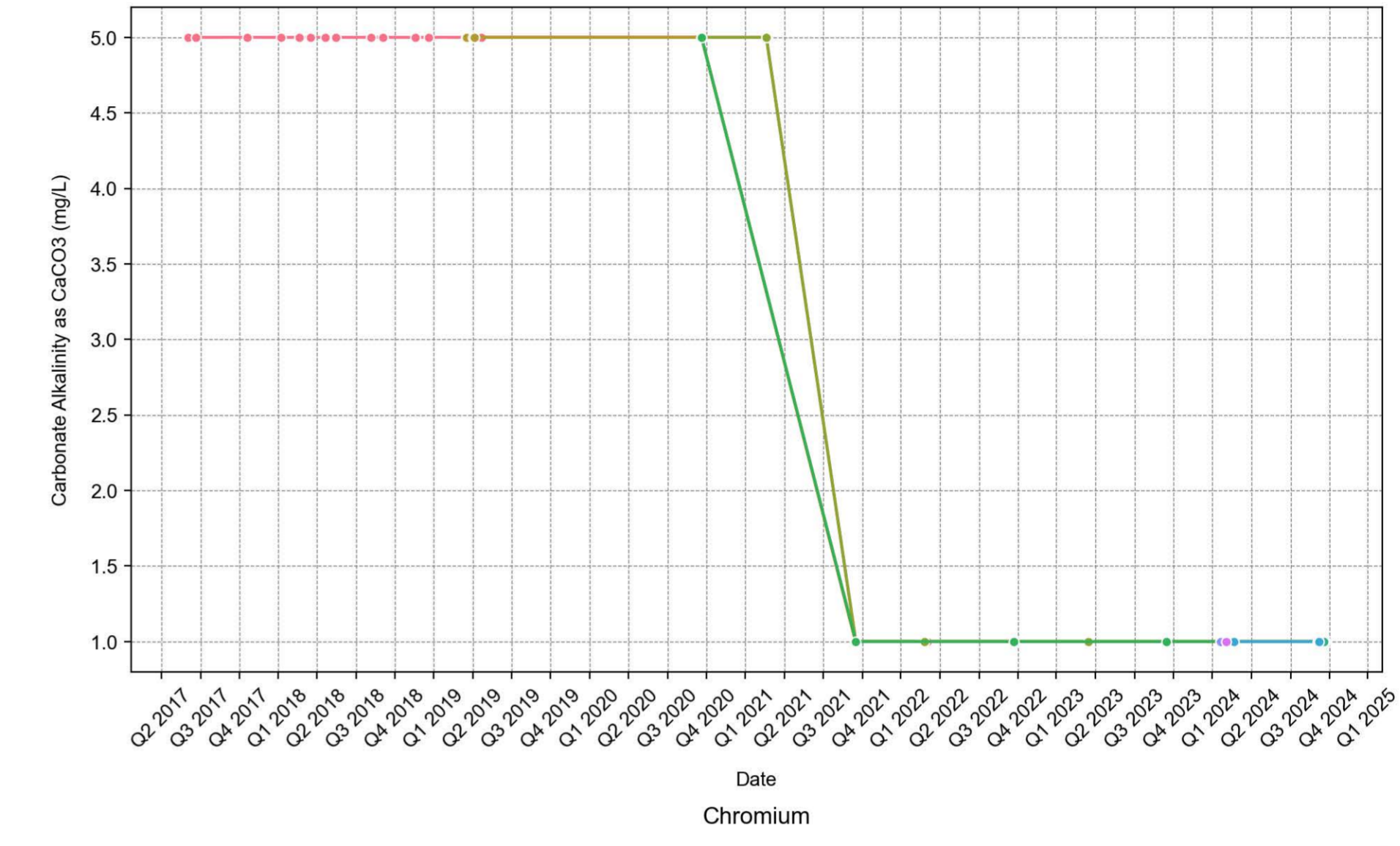
Cadmium



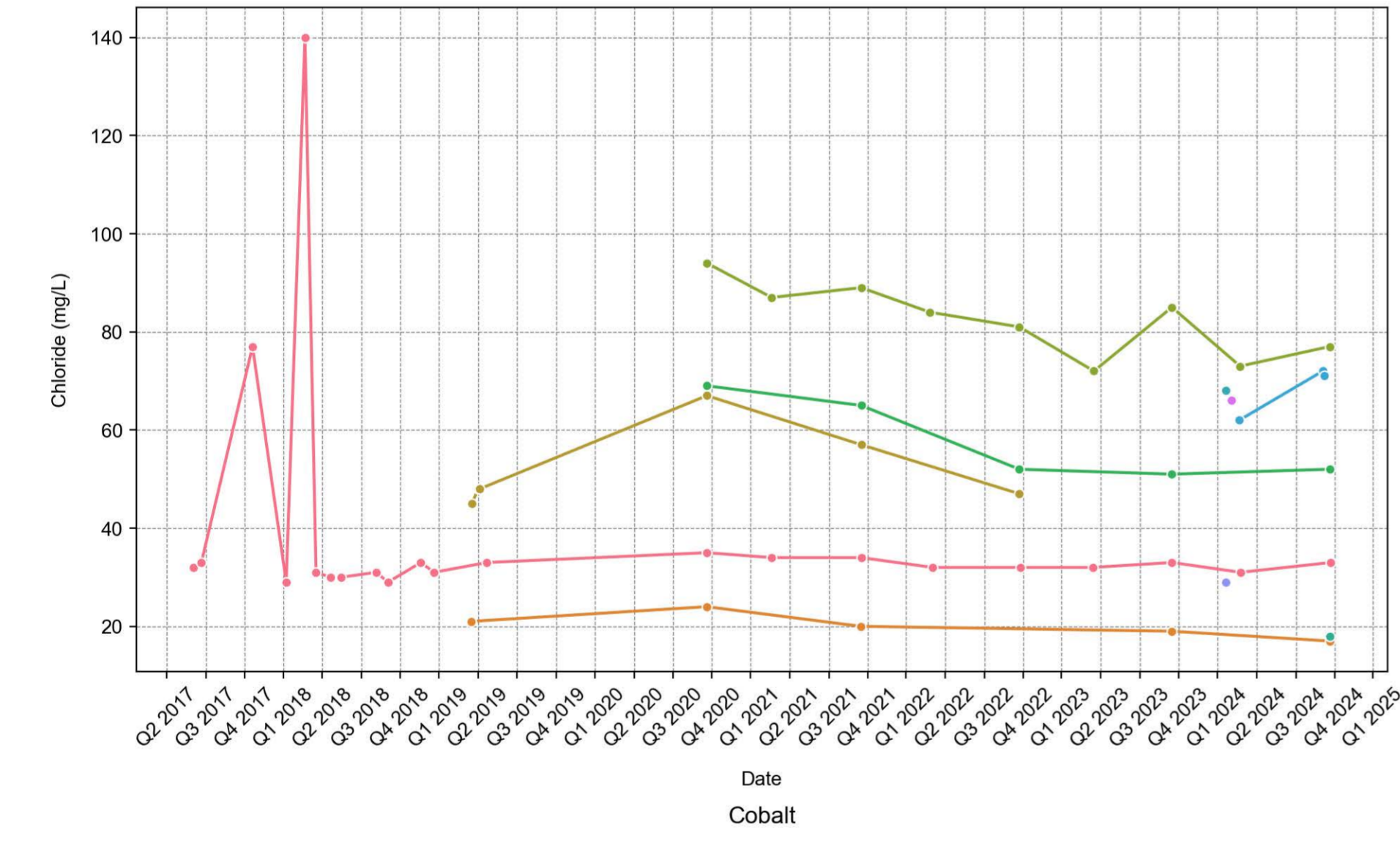
Calcium



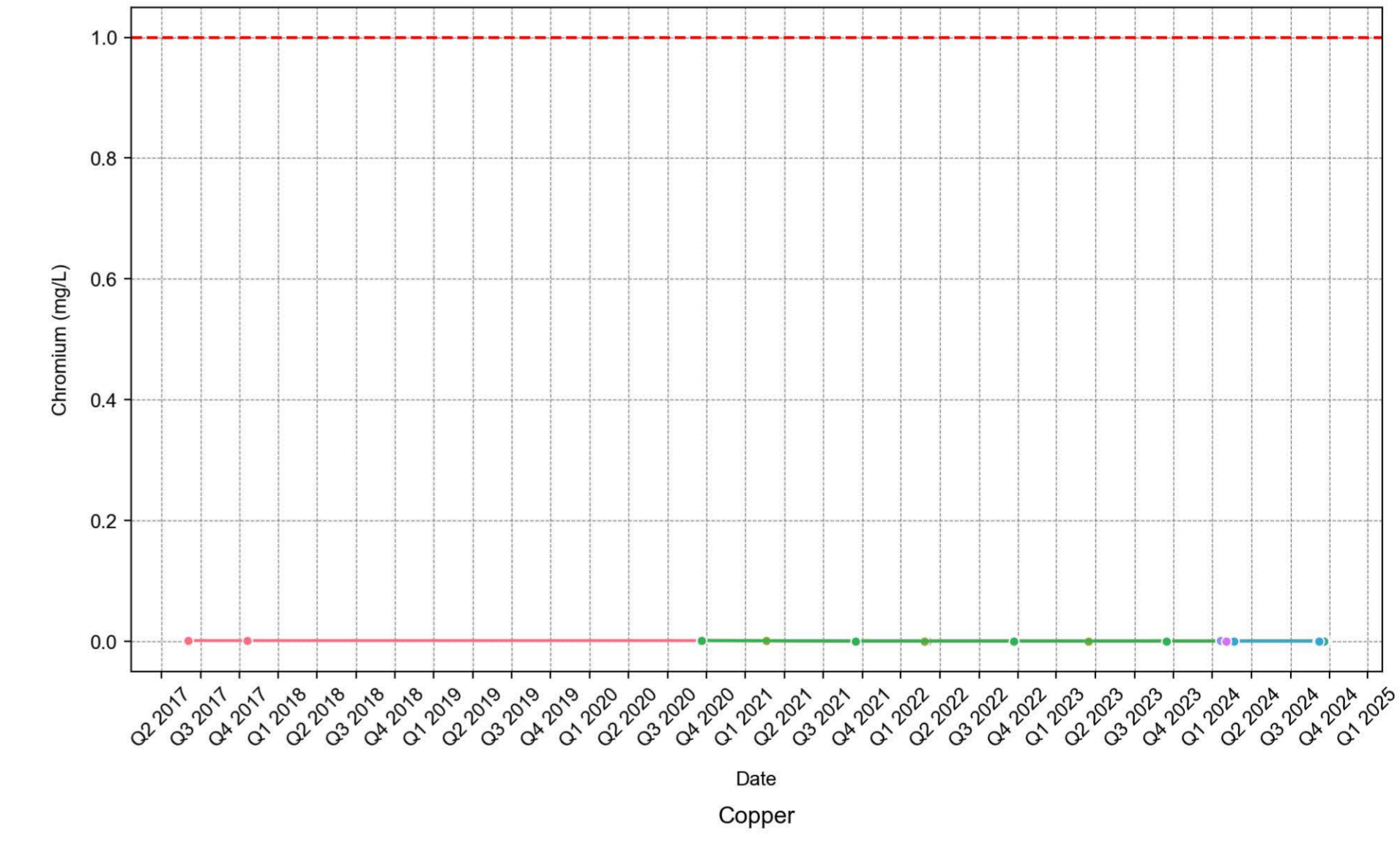
Carbonate Alkalinity as CaCO3



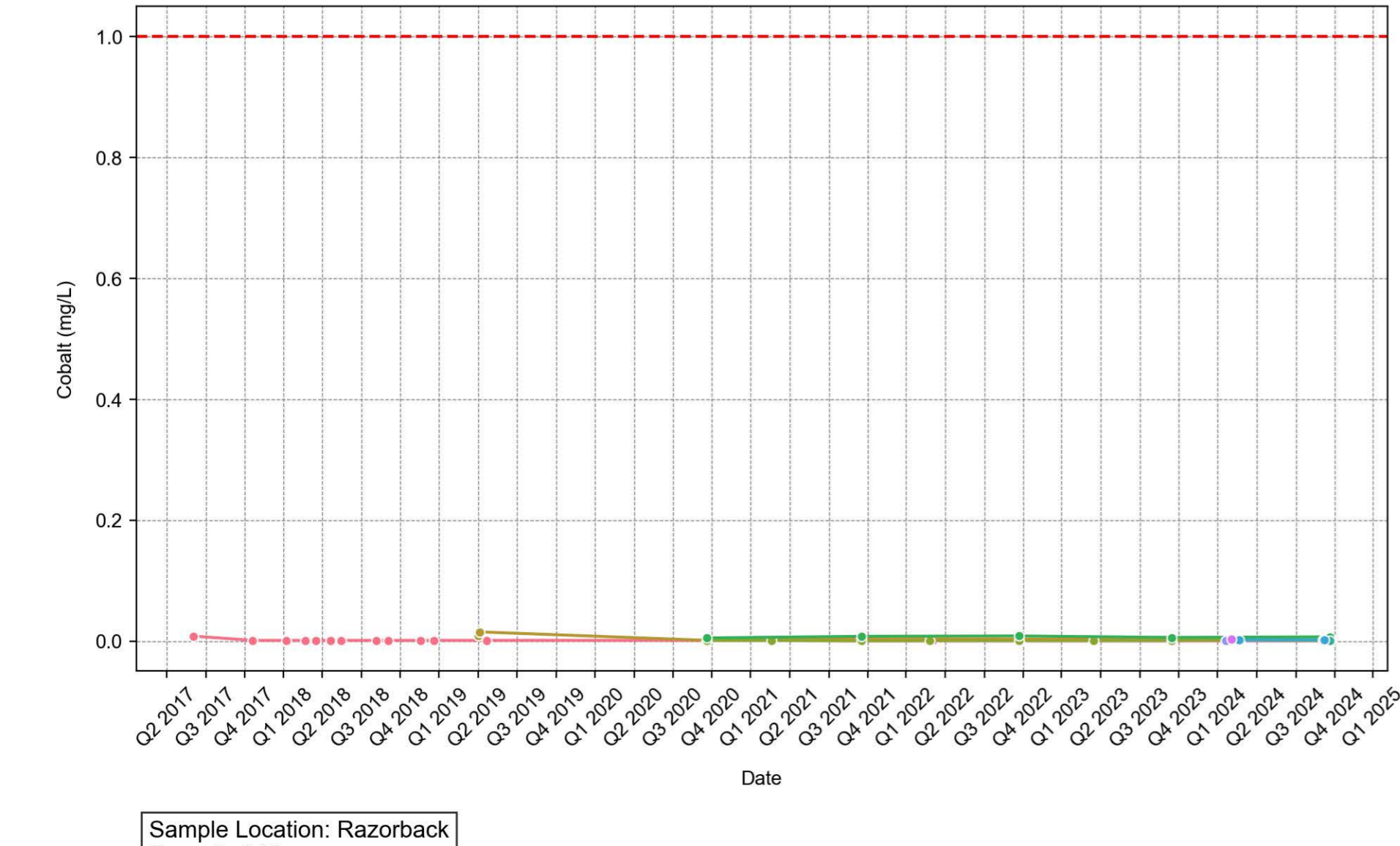
Chloride



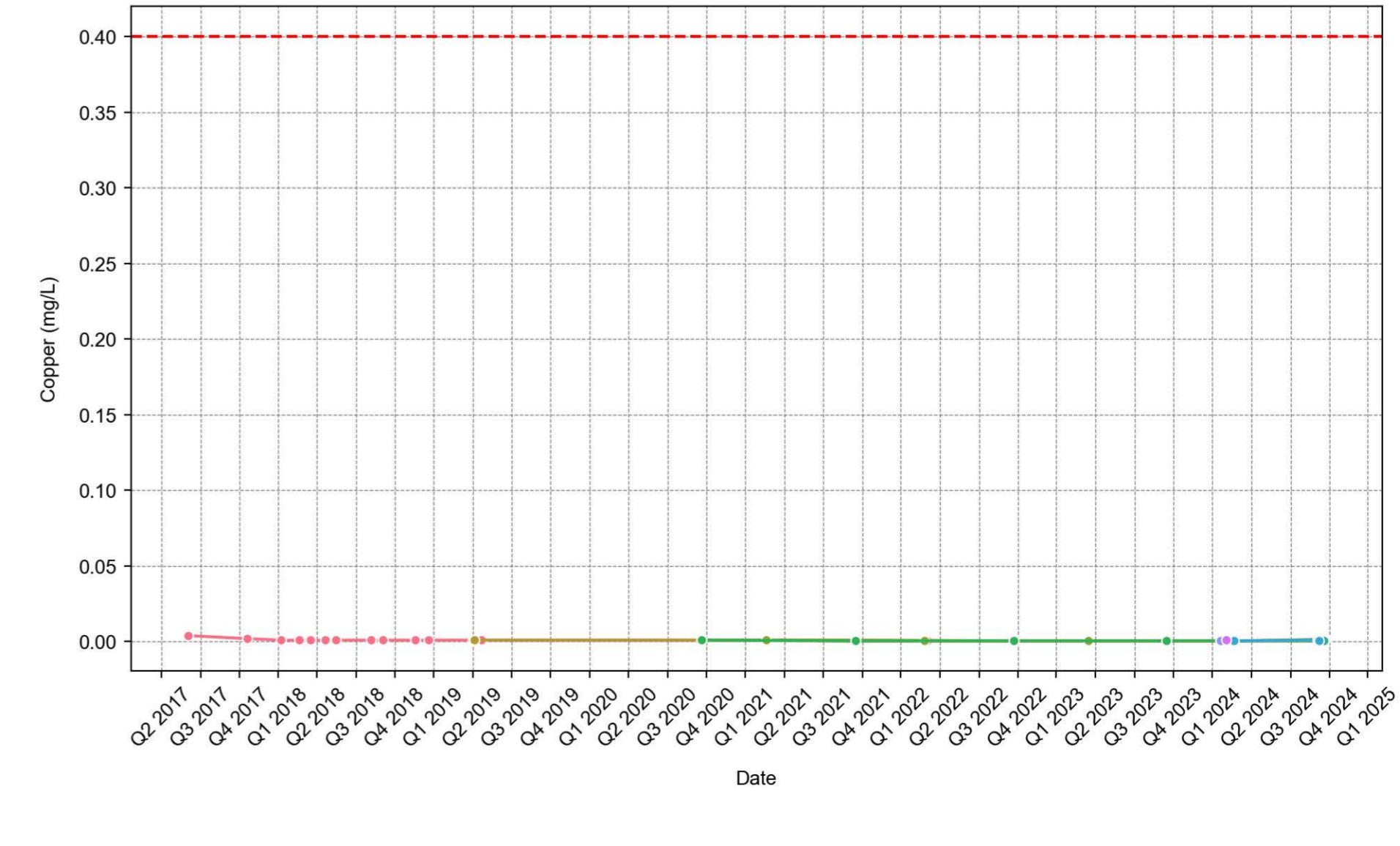
Chromium



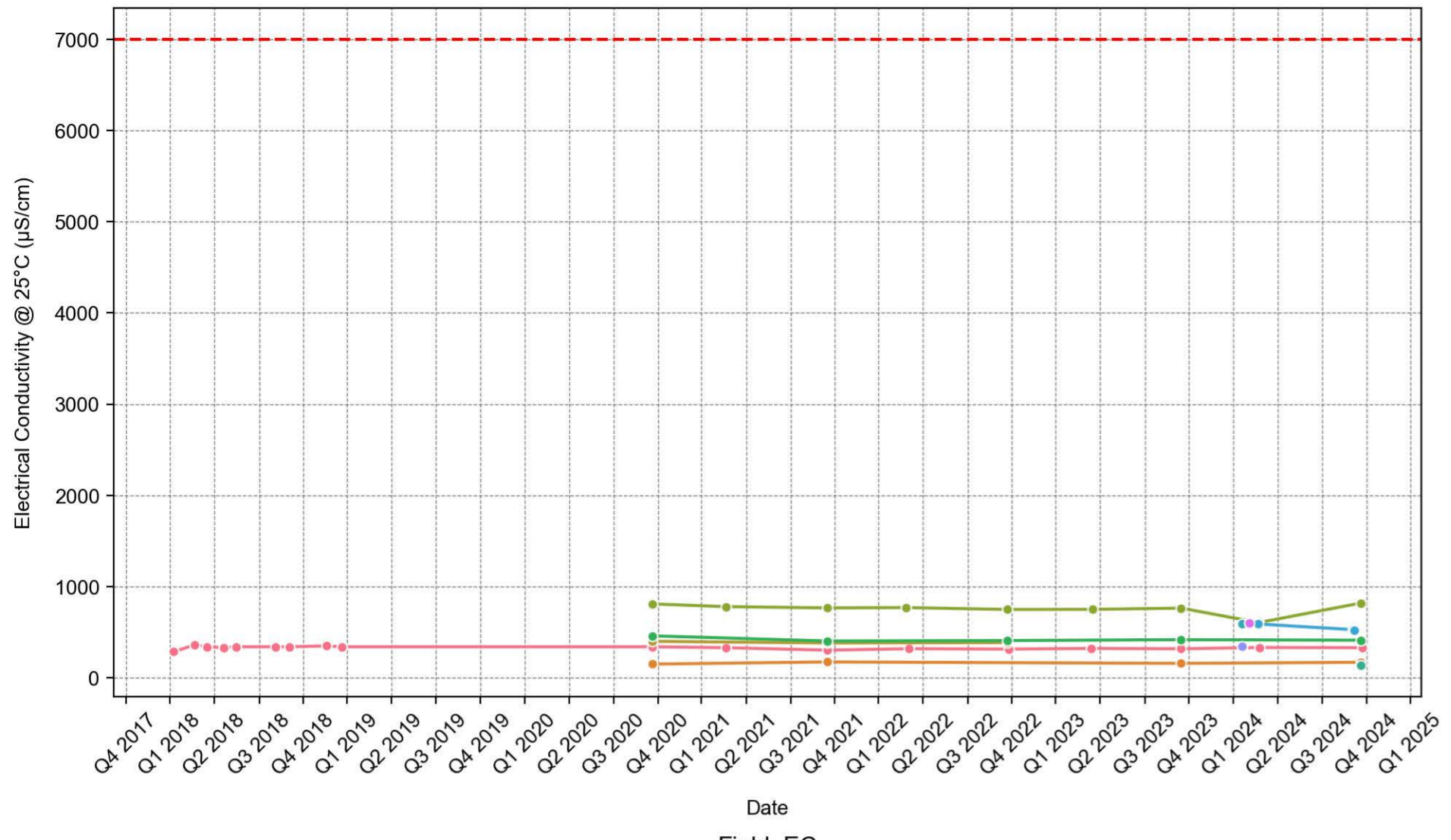
Cobalt



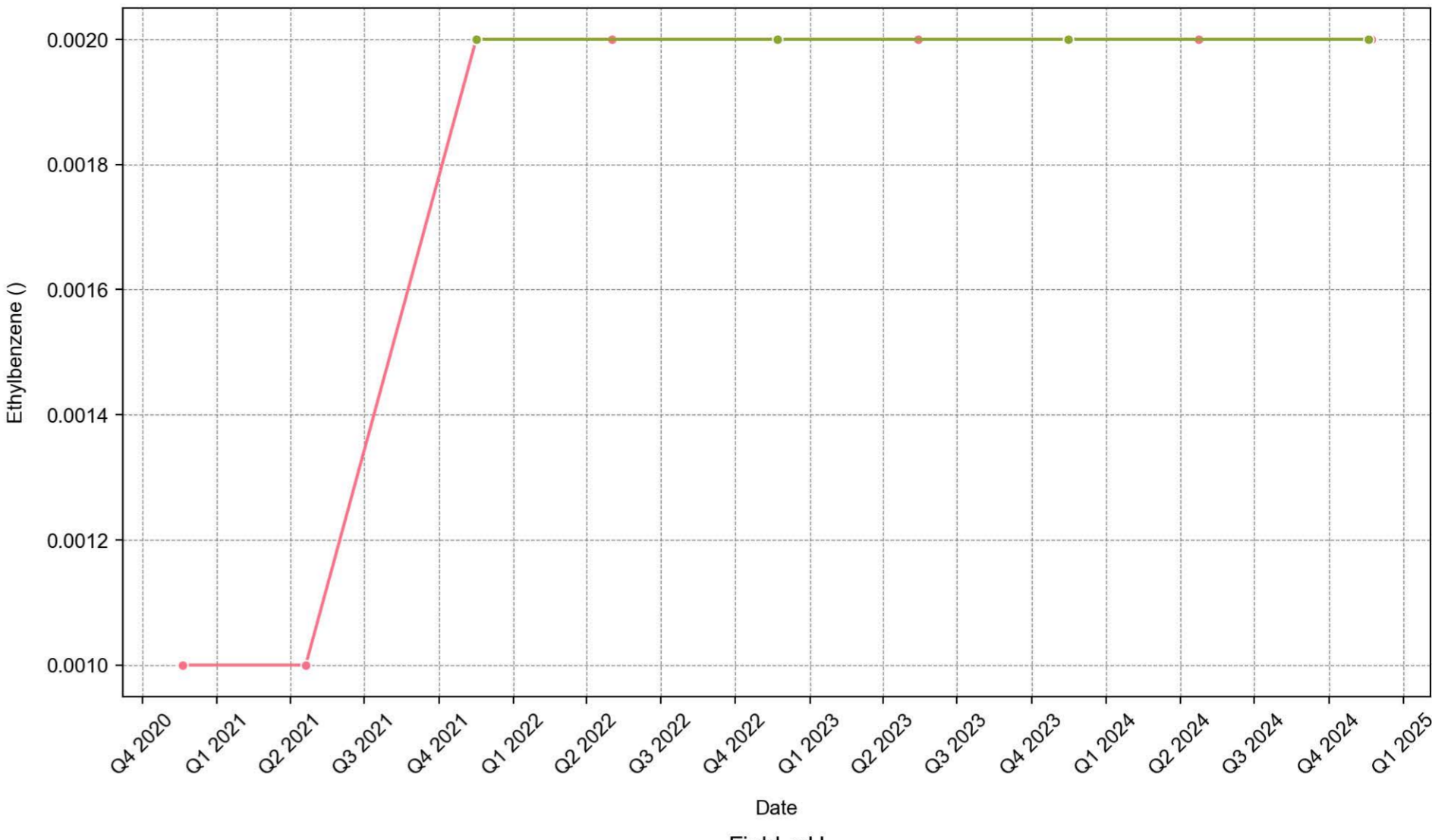
Copper



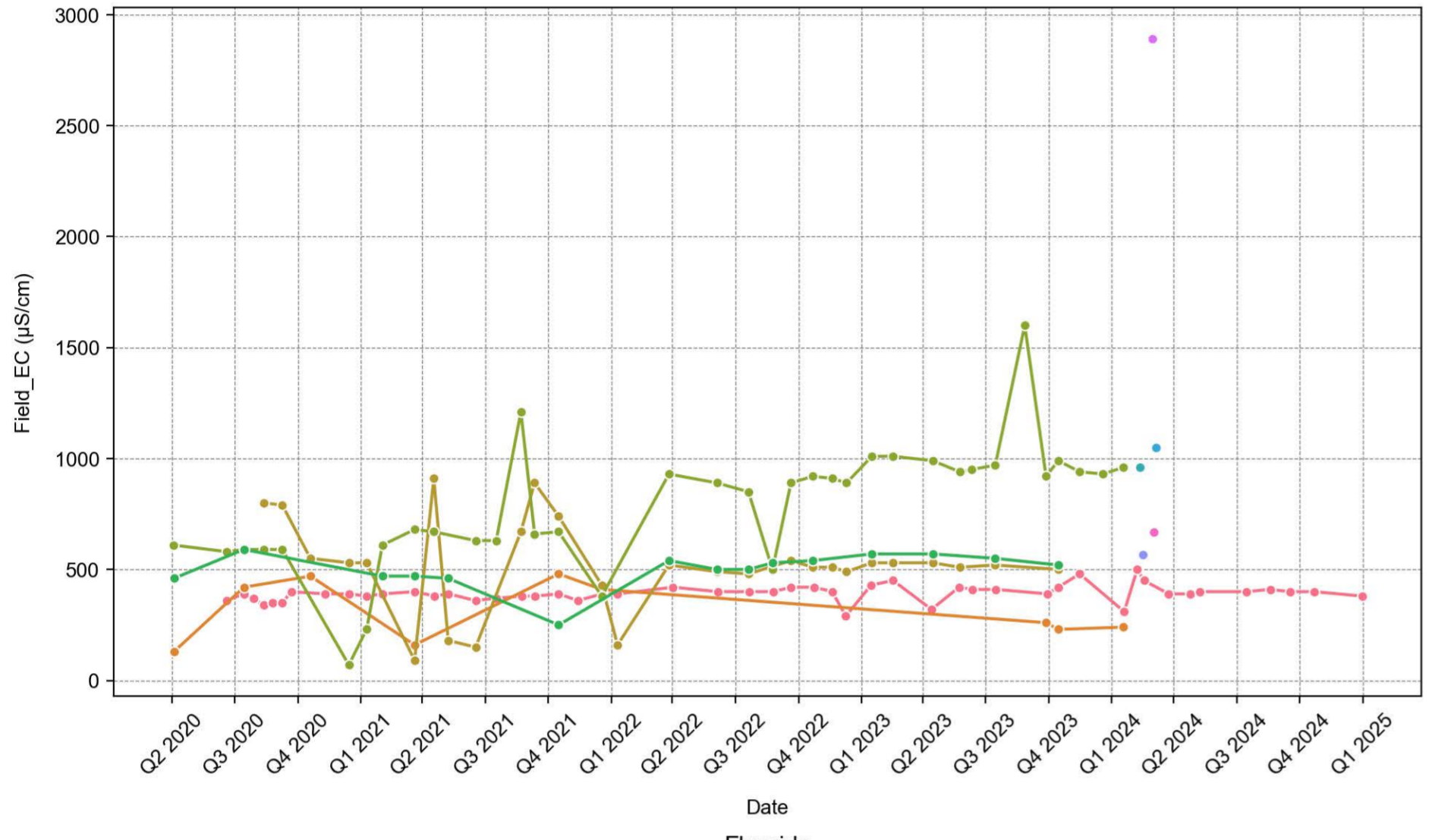
Electrical Conductivity @ 25°C



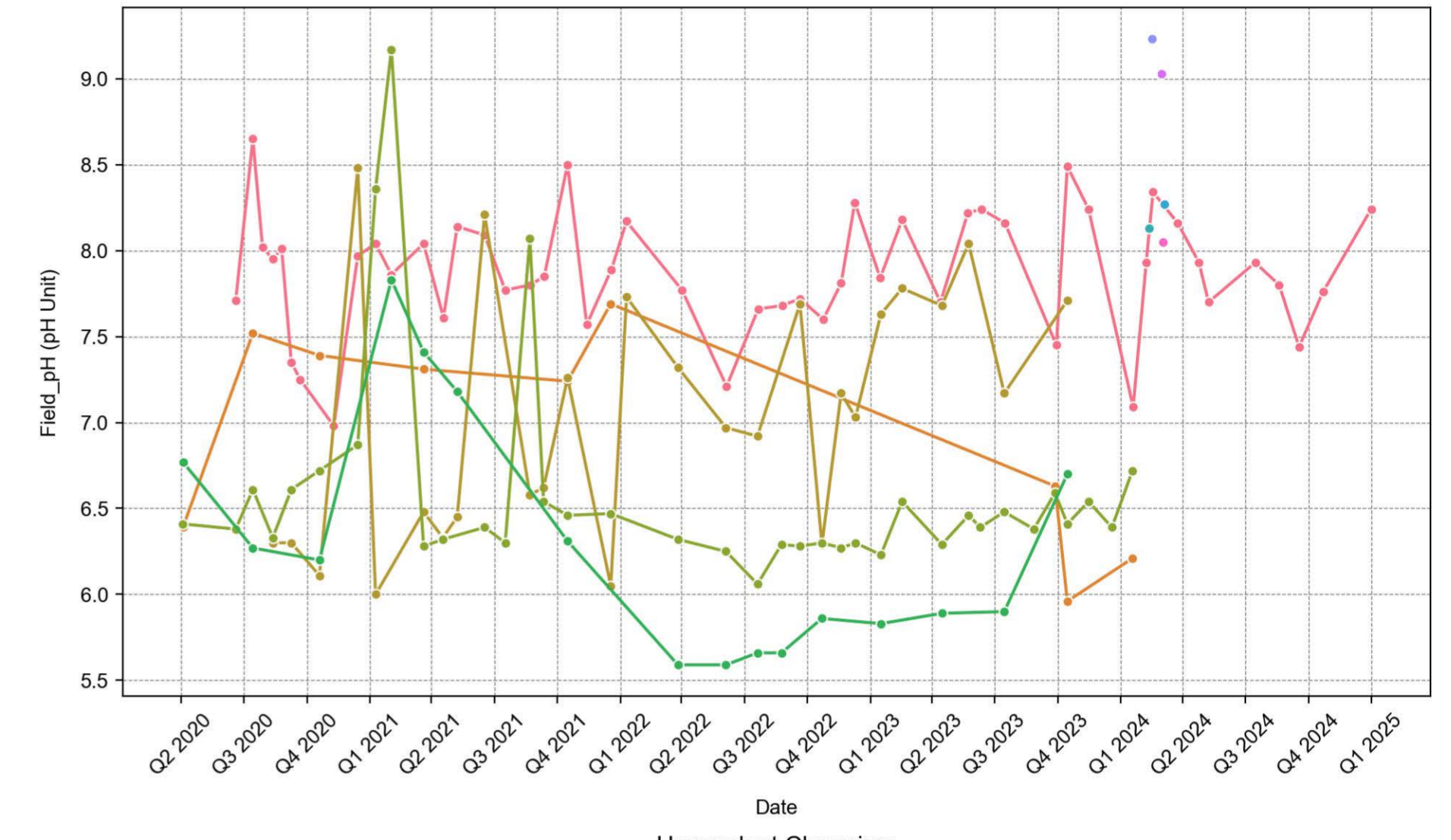
Ethylbenzene



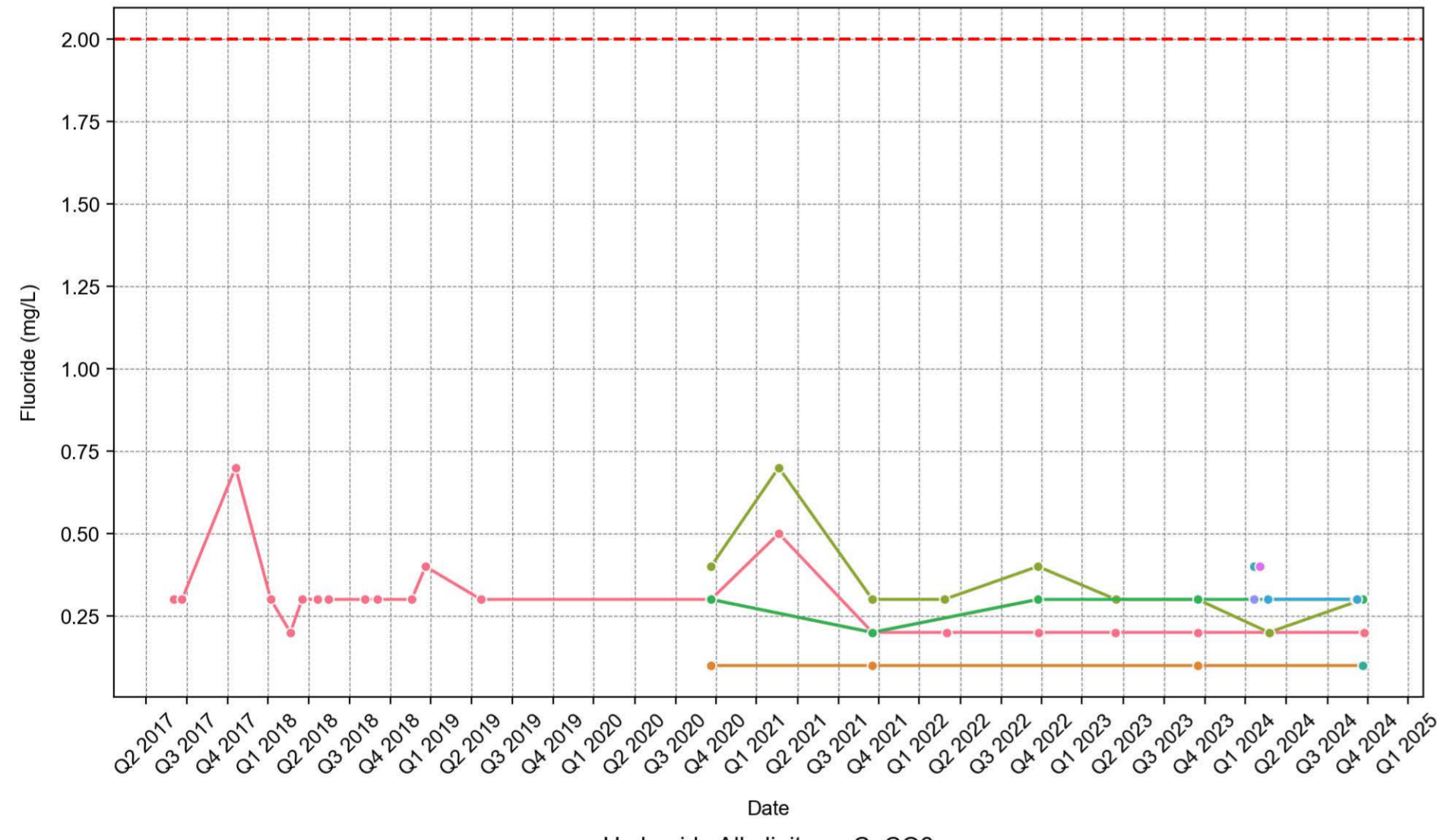
Field\_EC



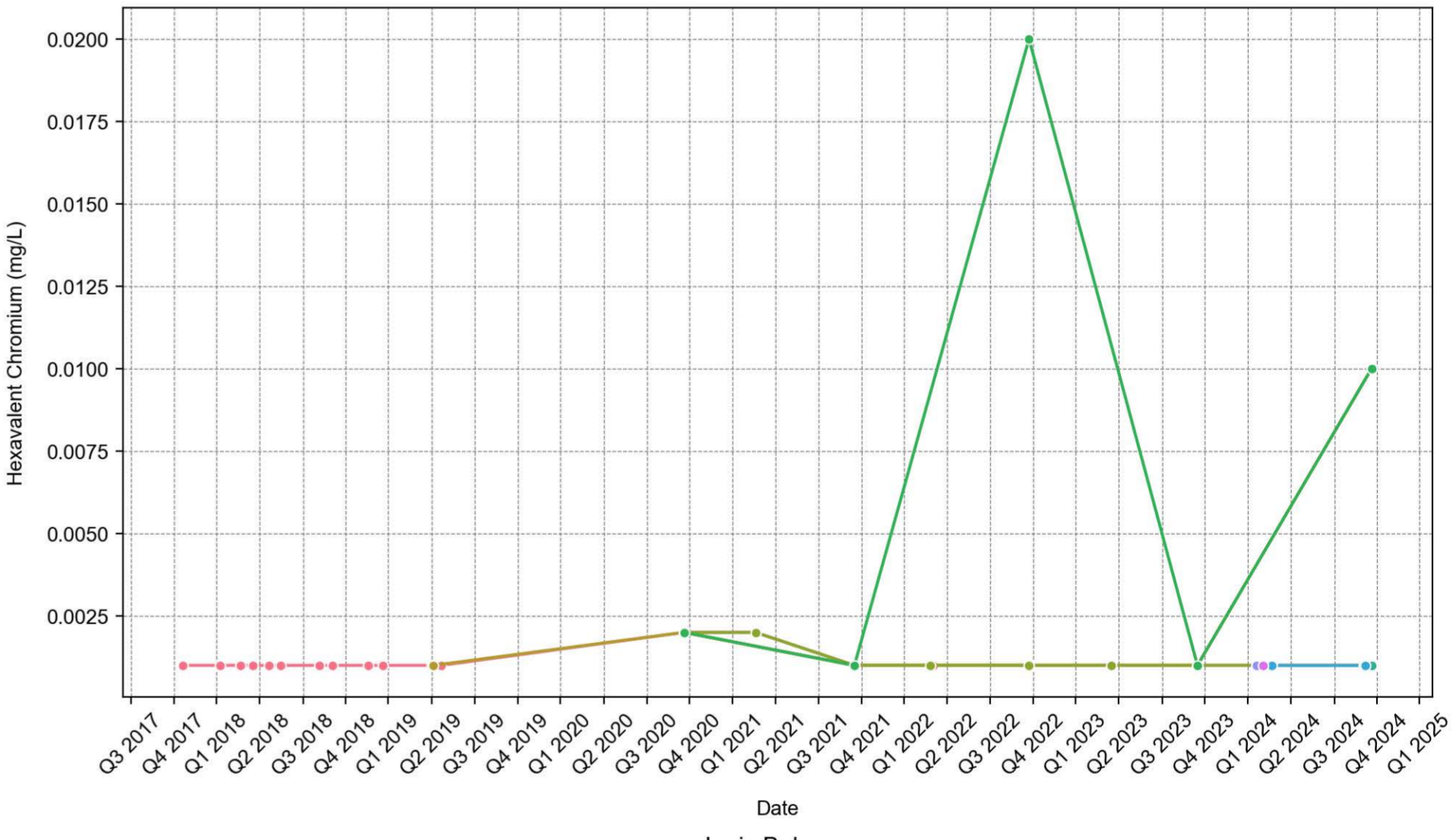
Field\_pH



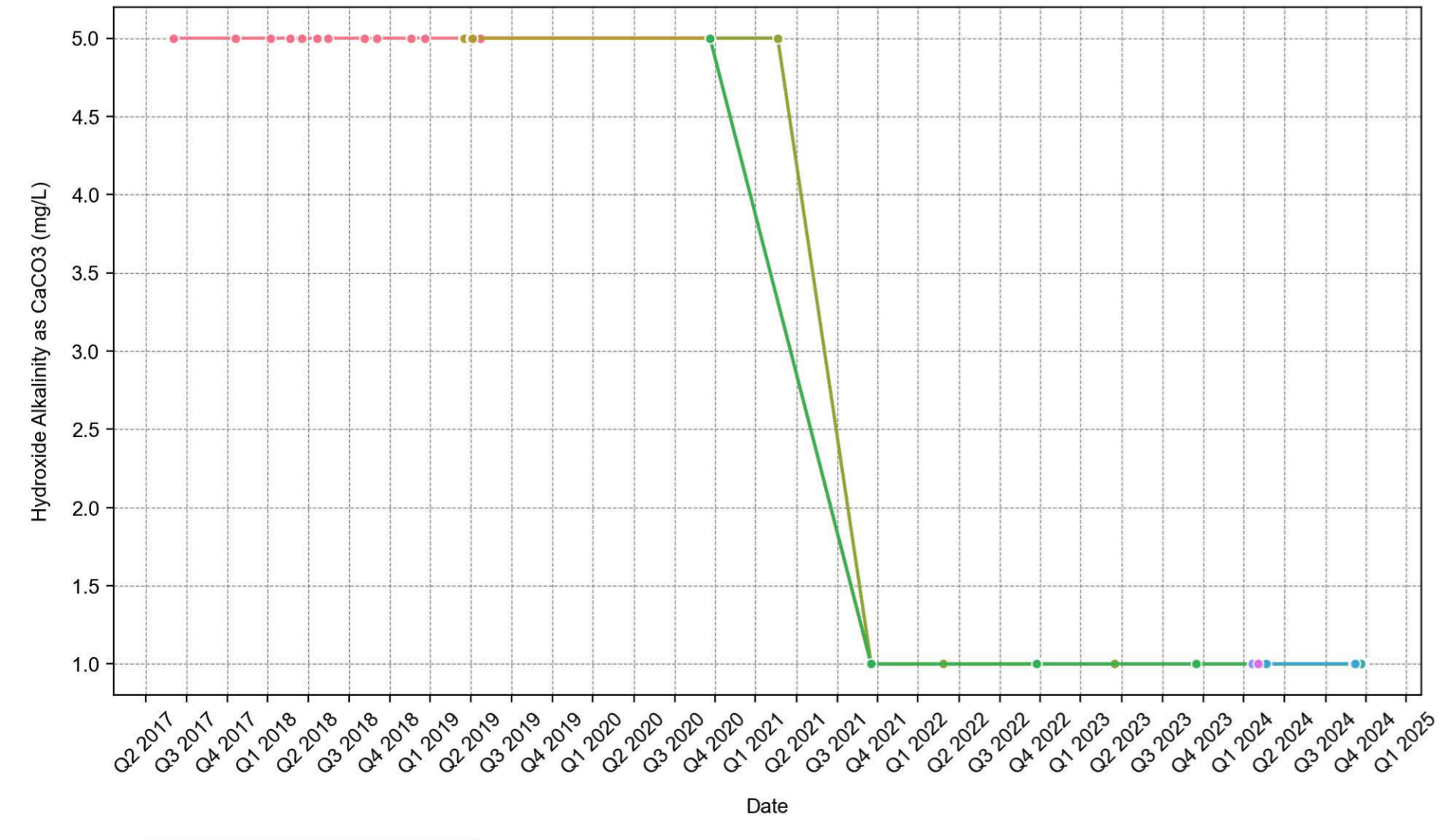
Fluoride



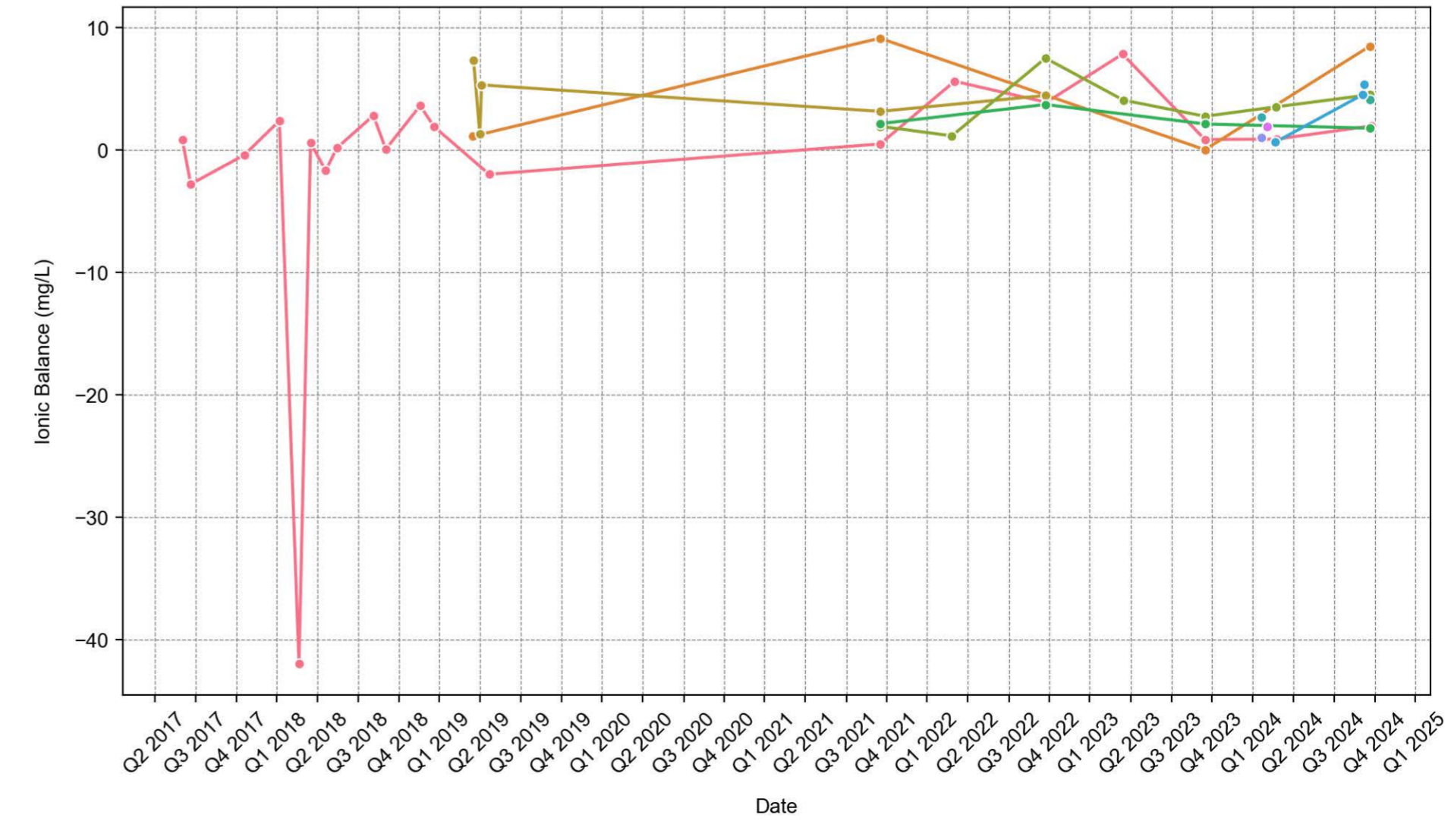
Hexavalent Chromium

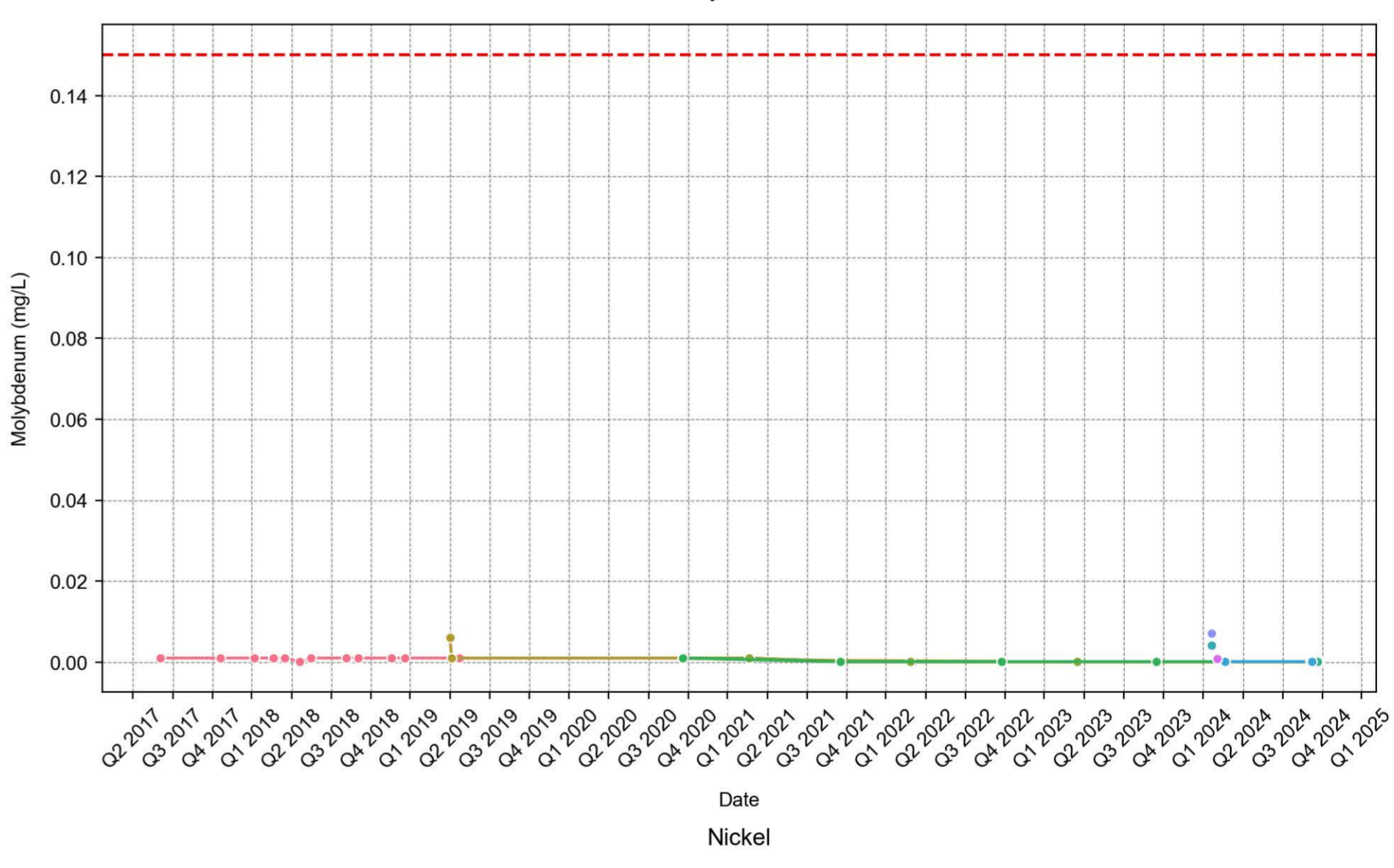
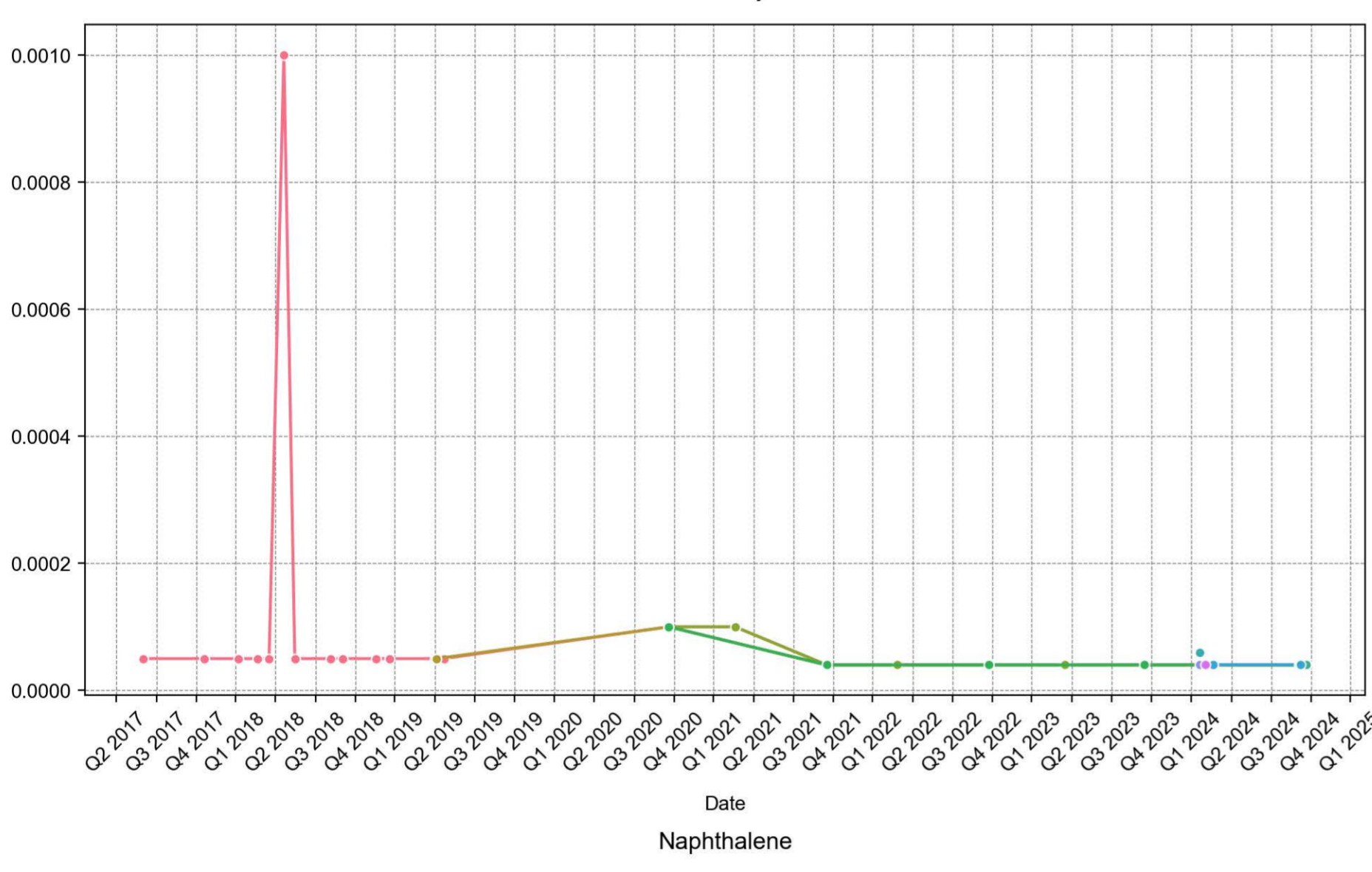
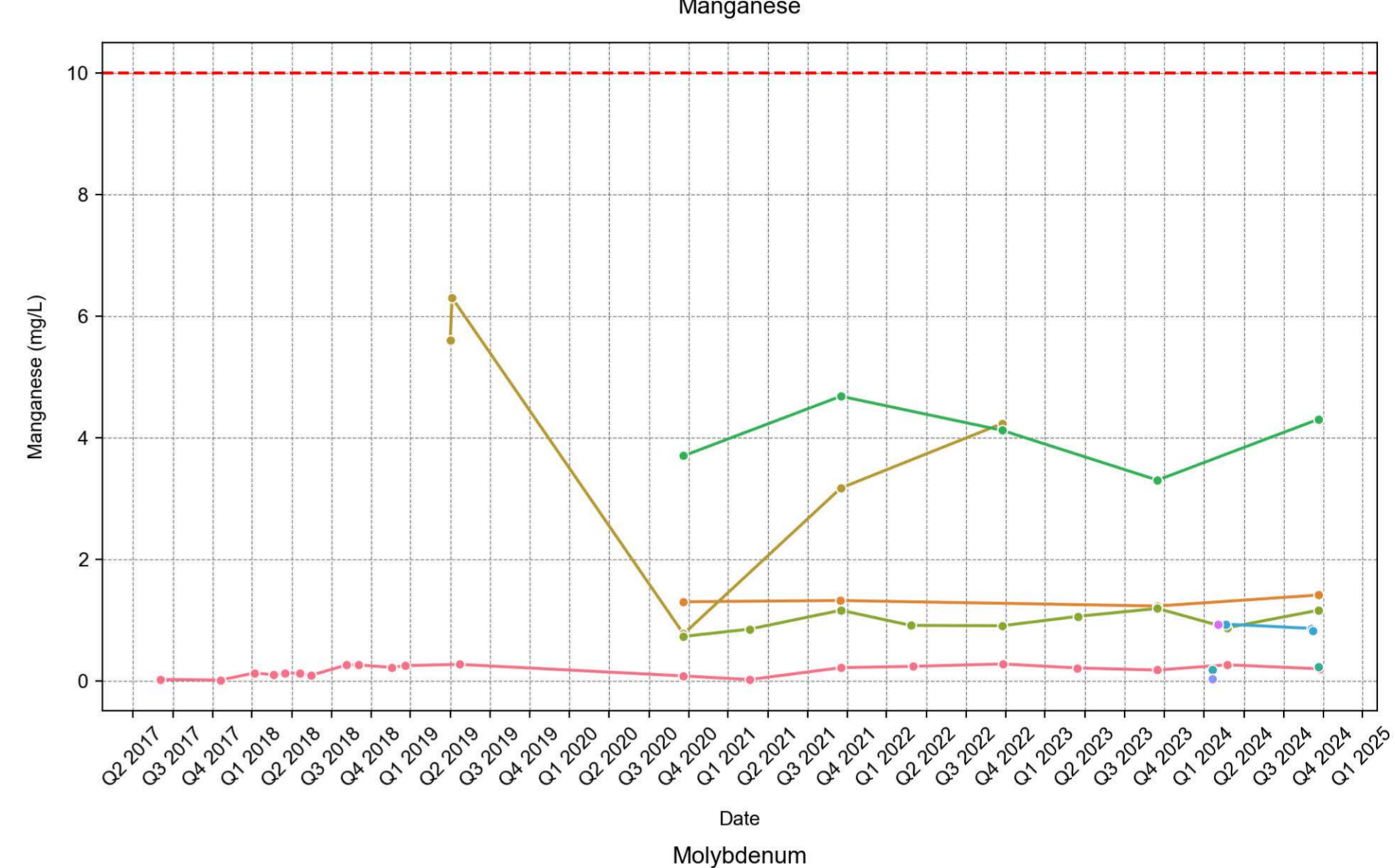
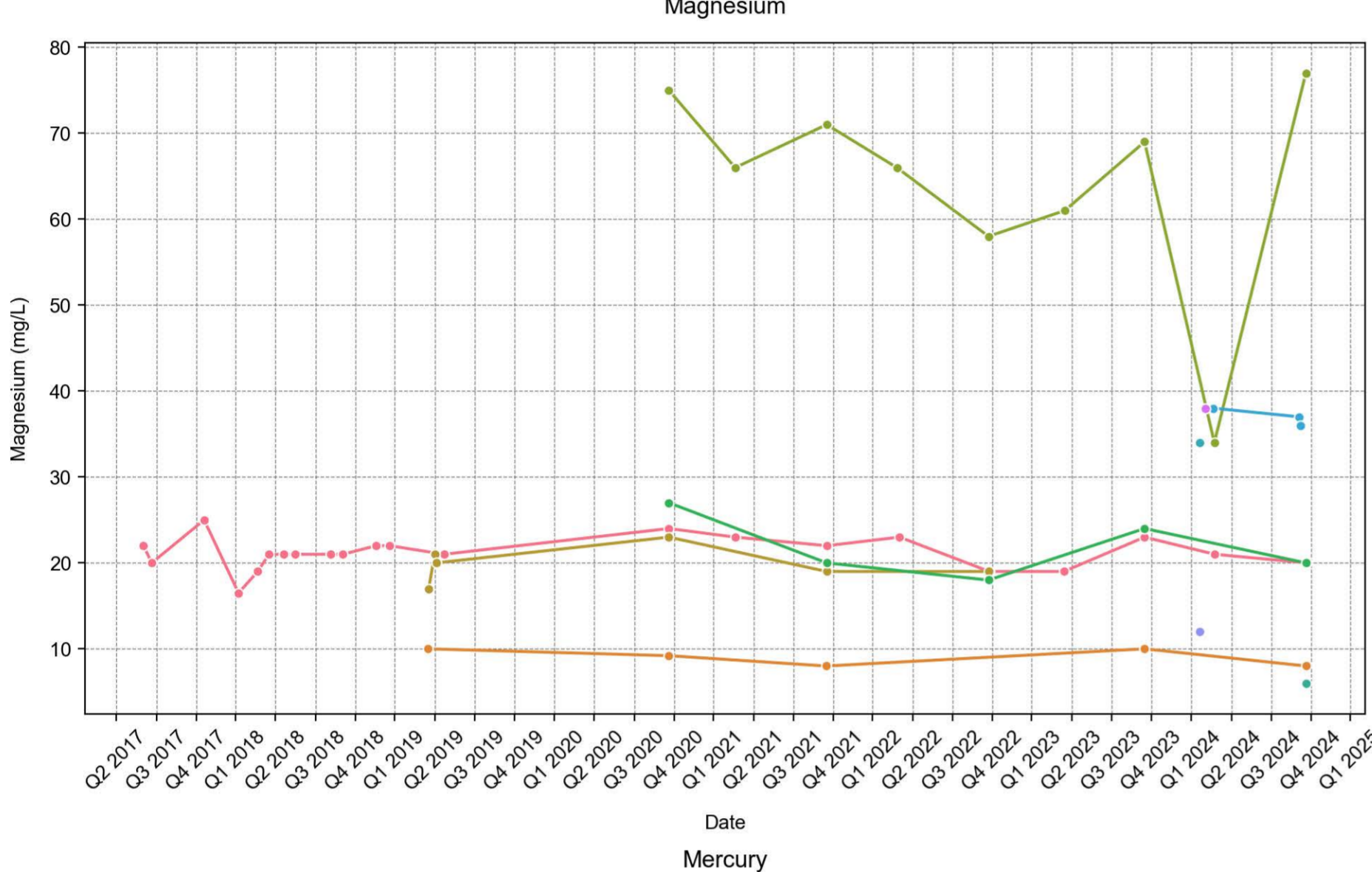
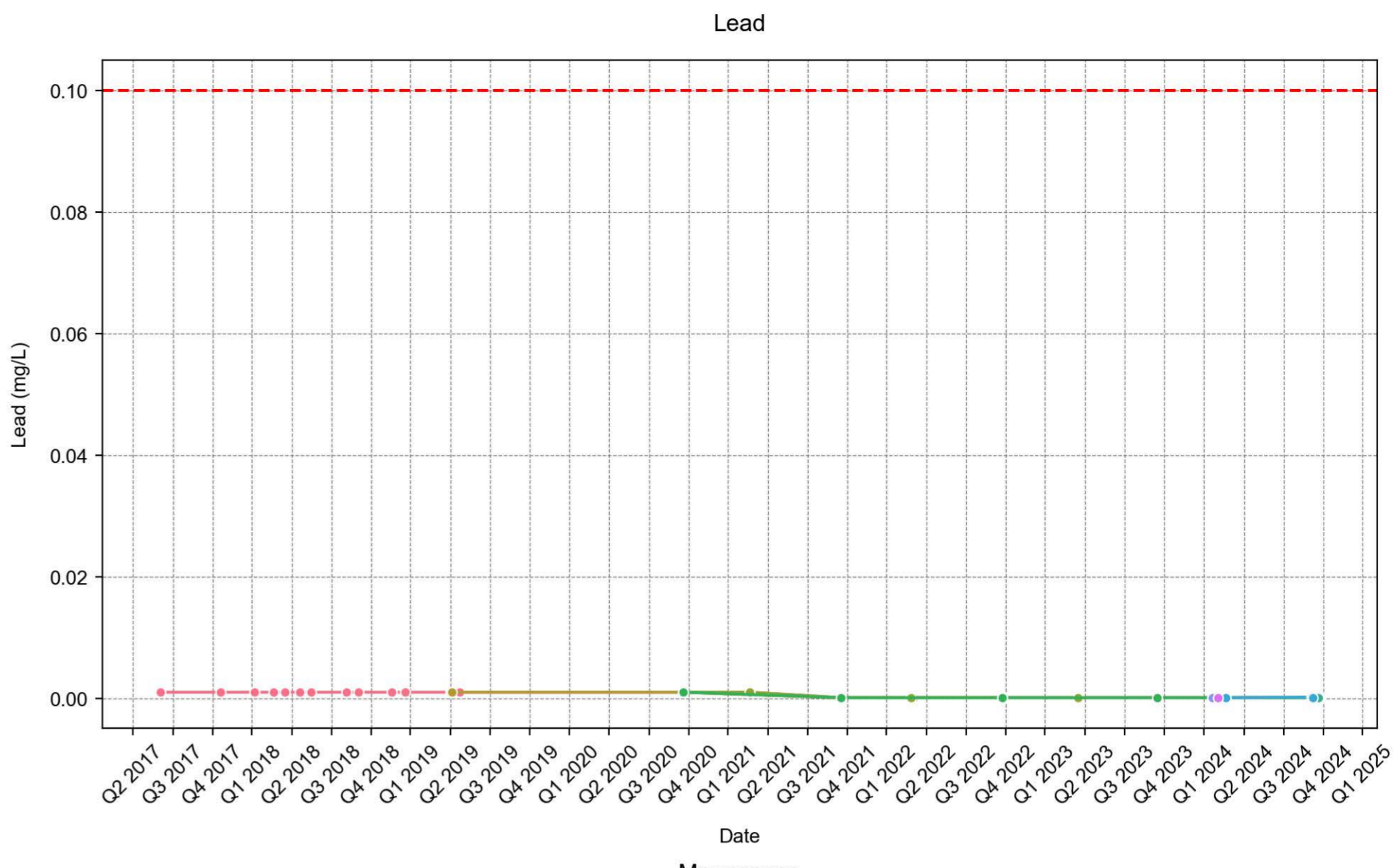
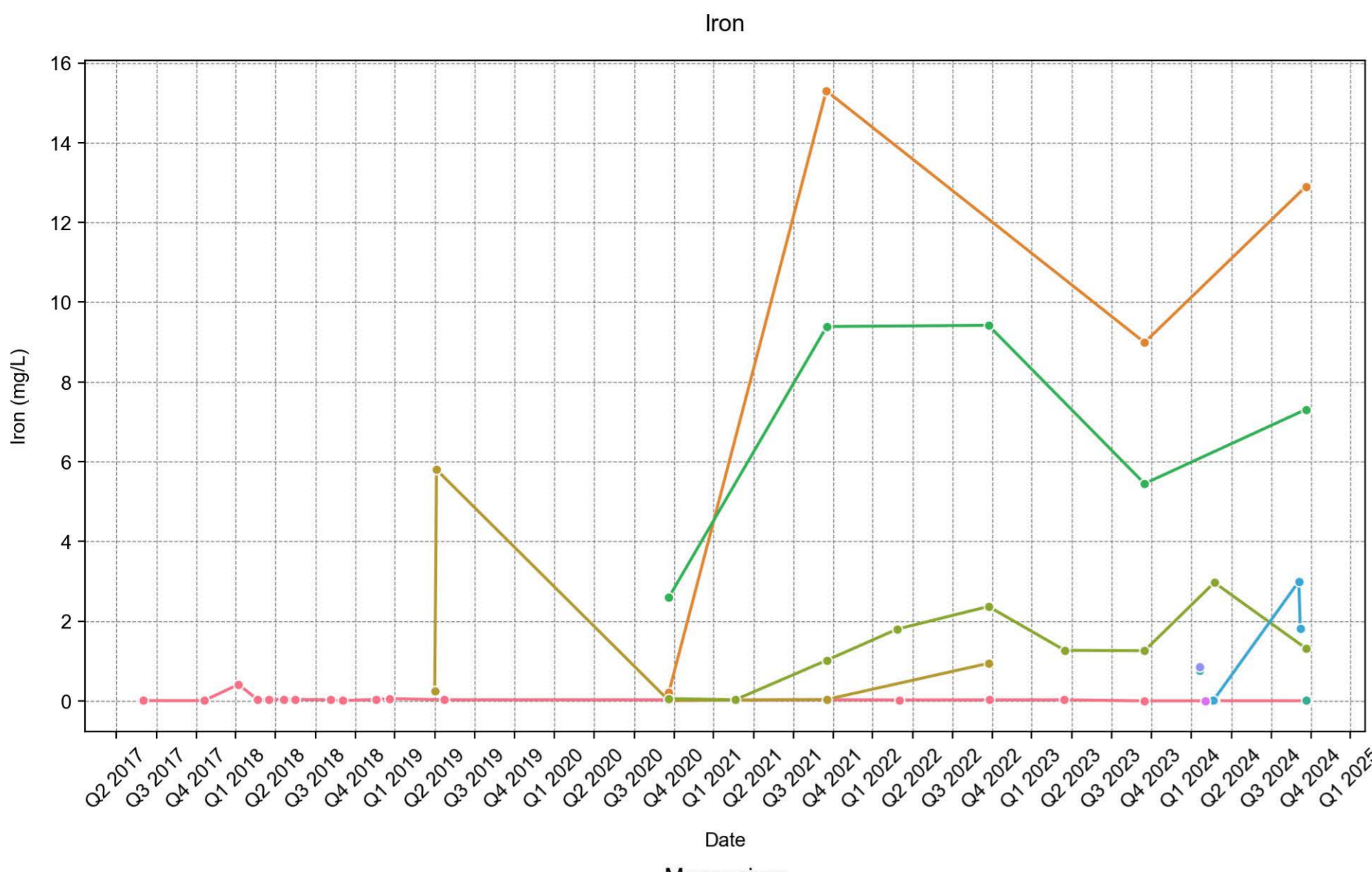


Hydroxide Alkalinity as CaCO3

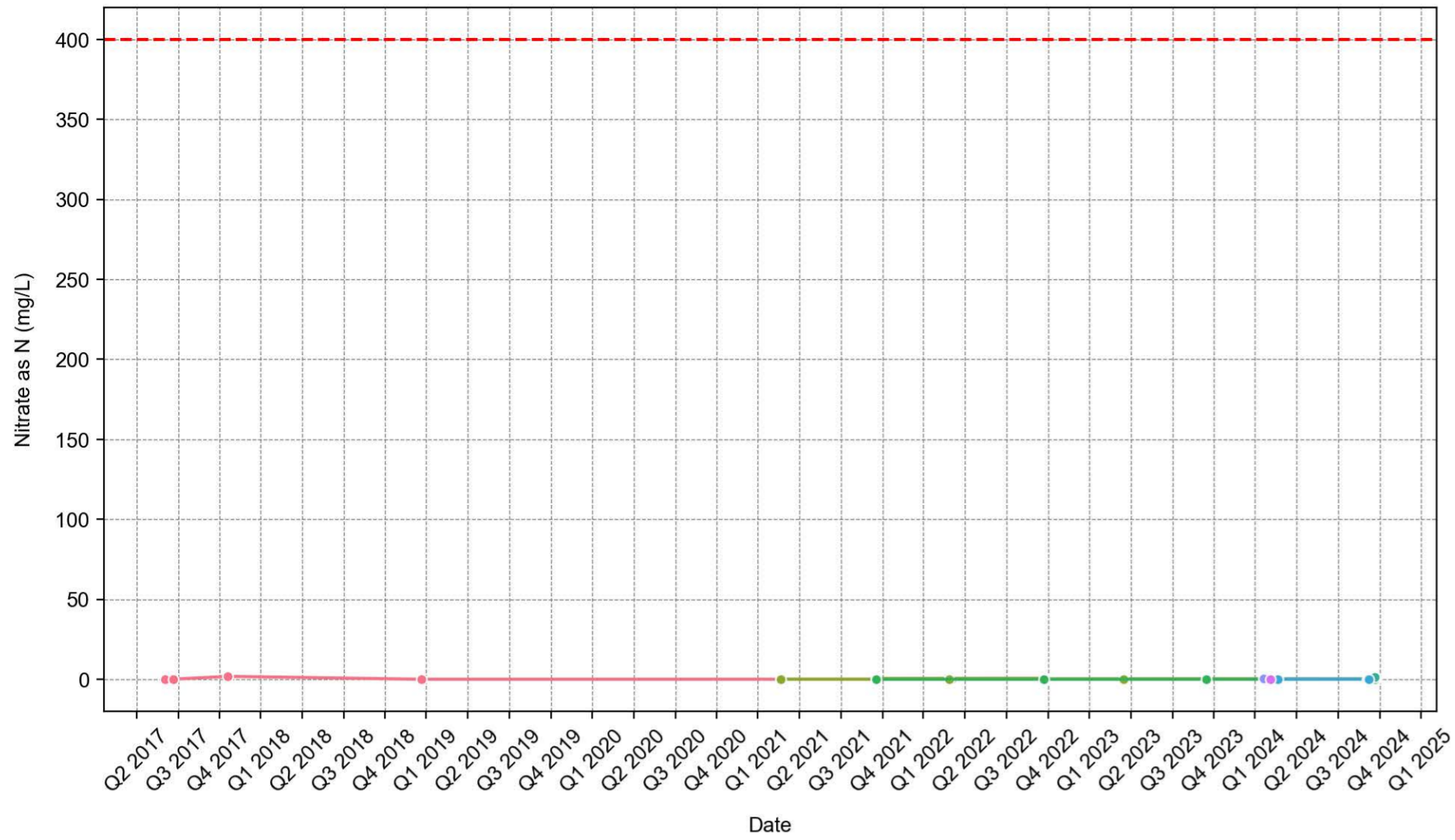


Ionic Balance

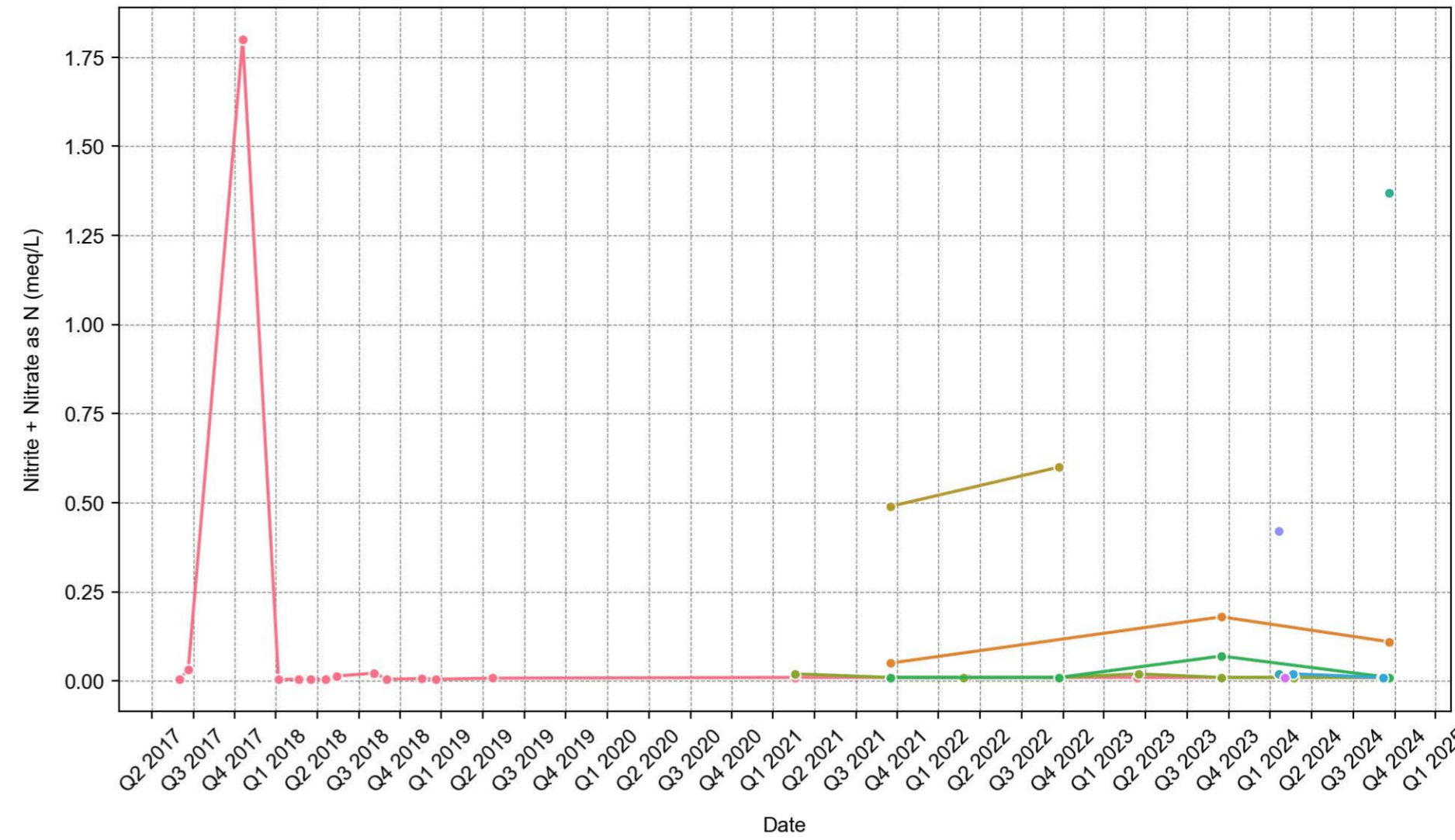




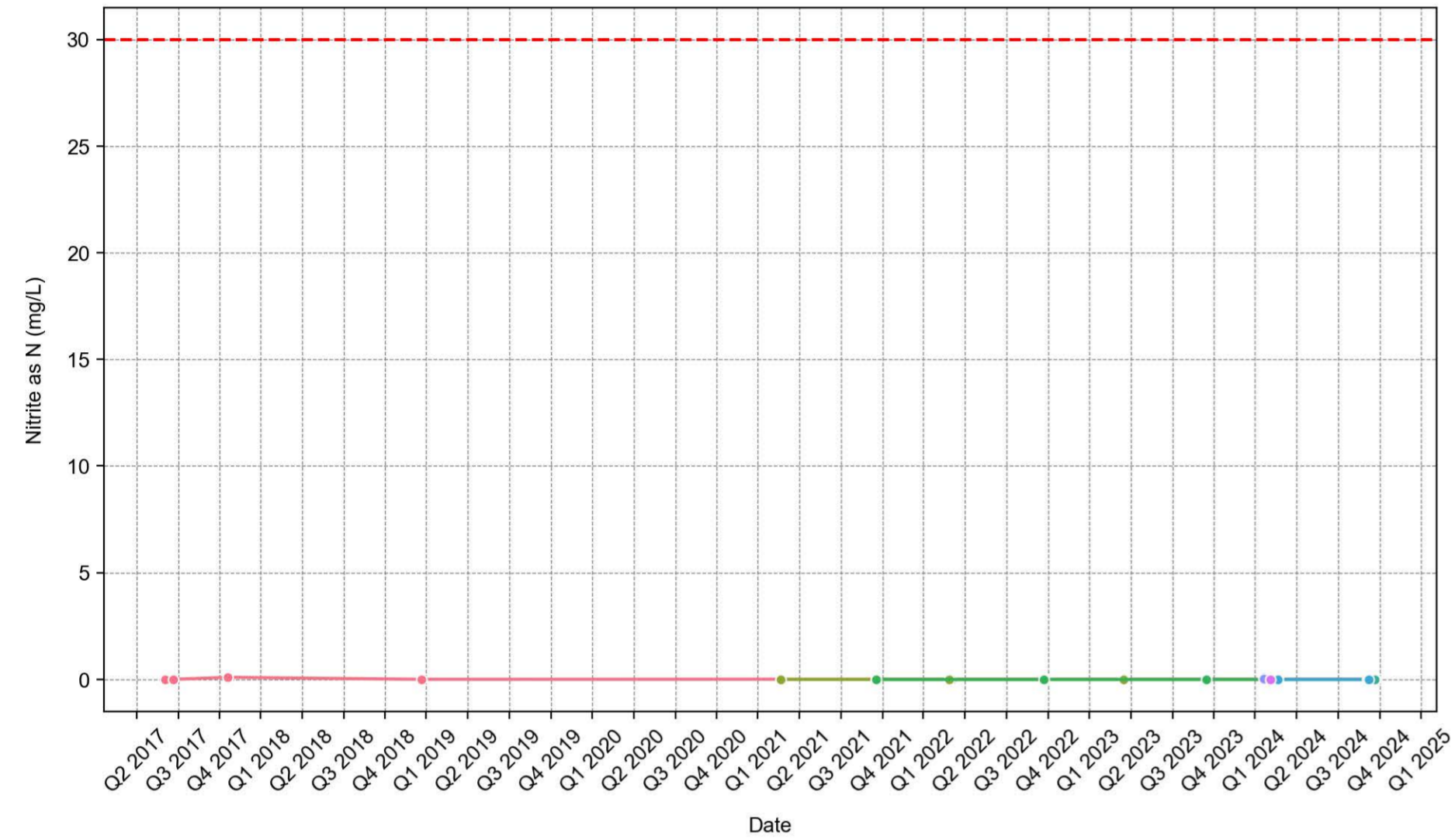
Nitrate as N



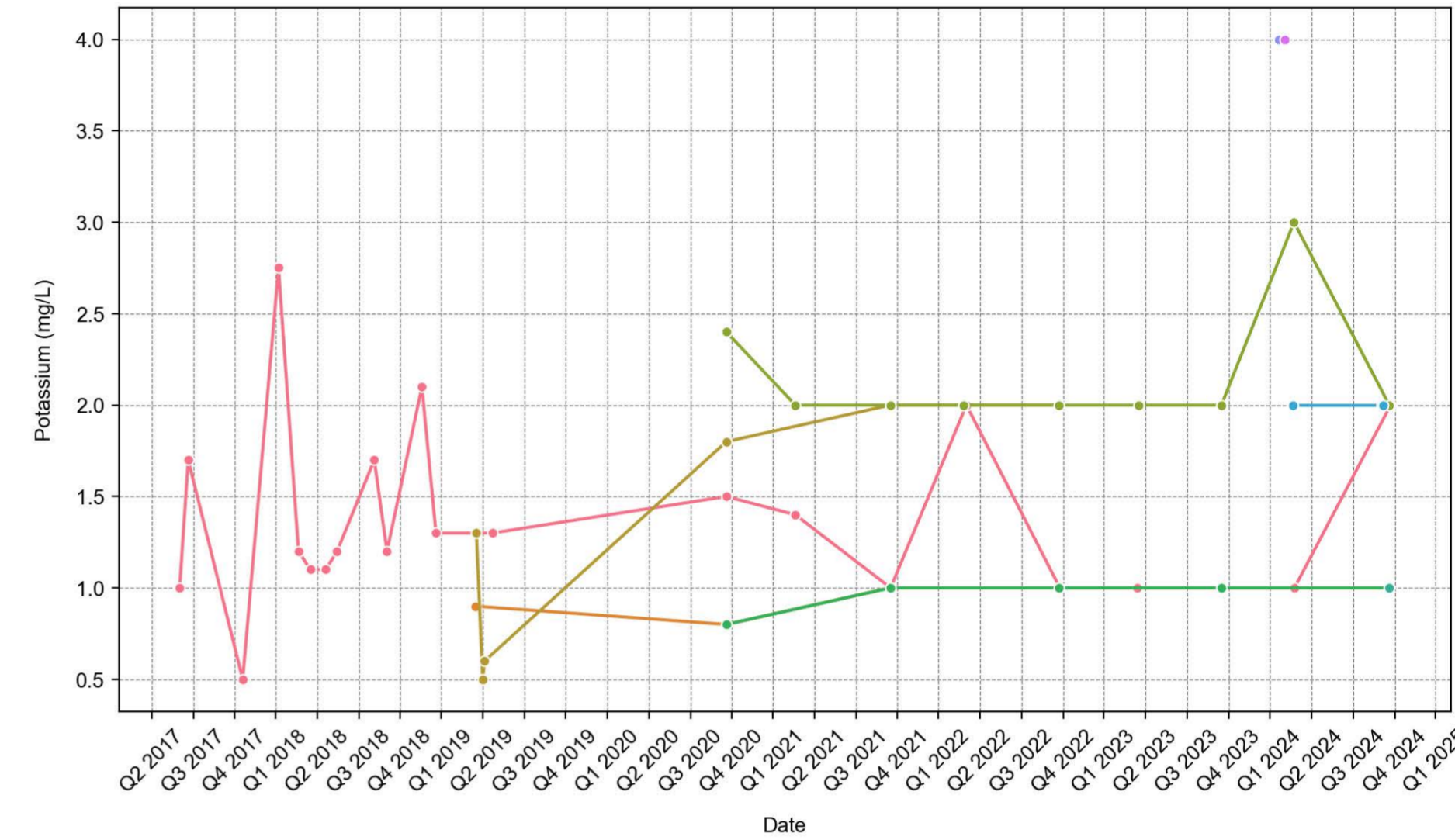
Nitrite + Nitrate as N



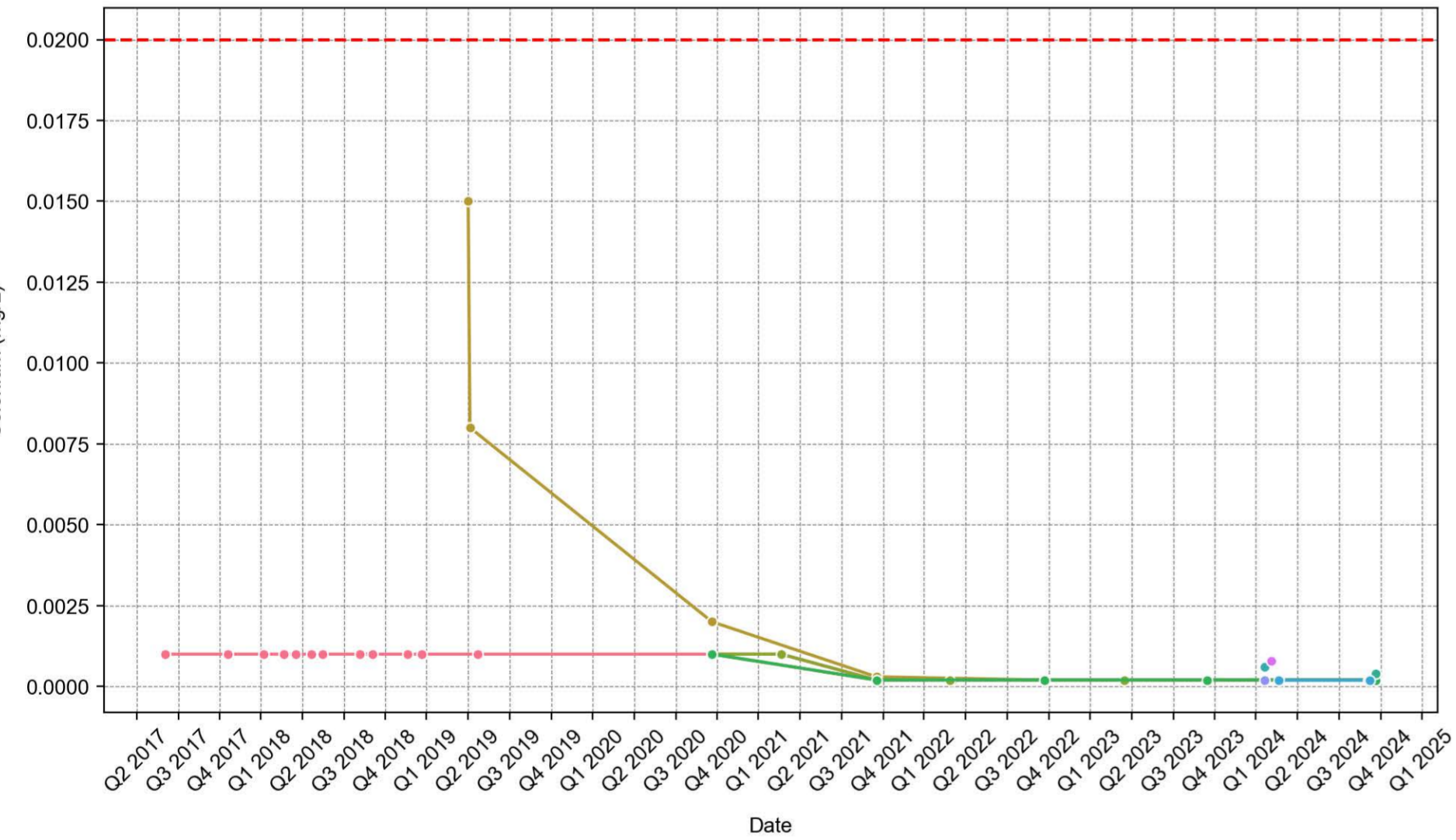
Nitrite as N



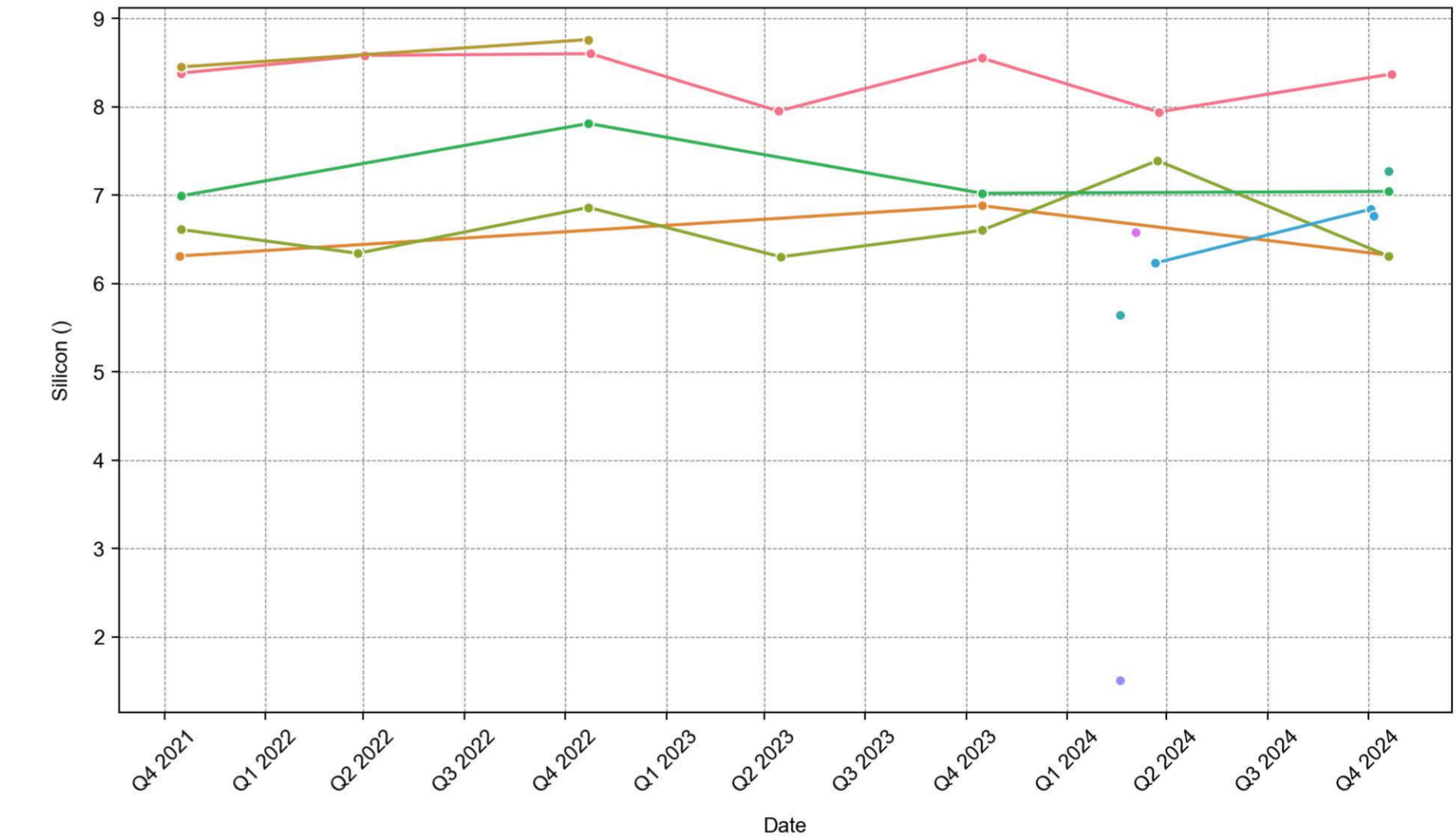
Potassium



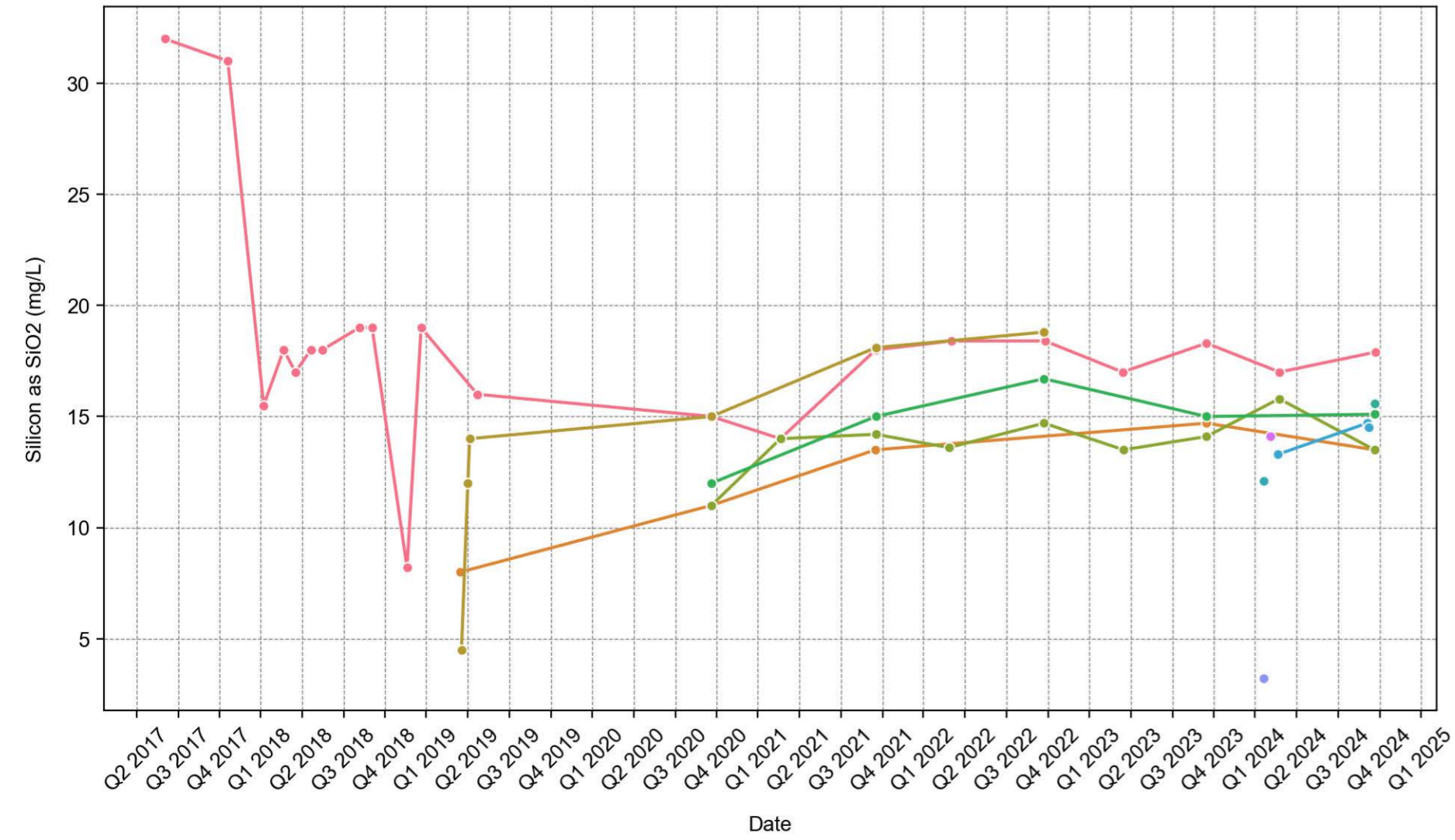
Selenium



Silicon

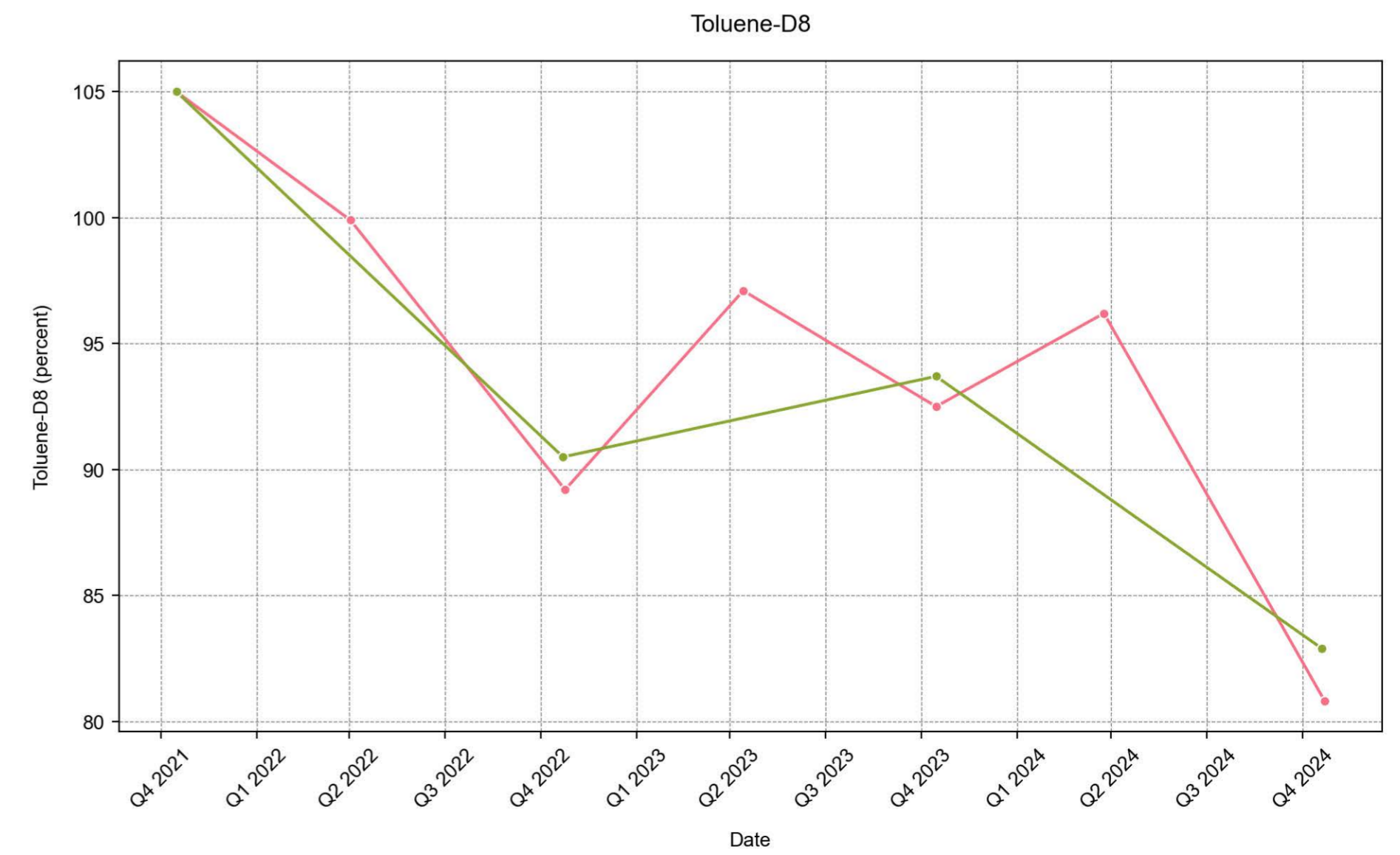
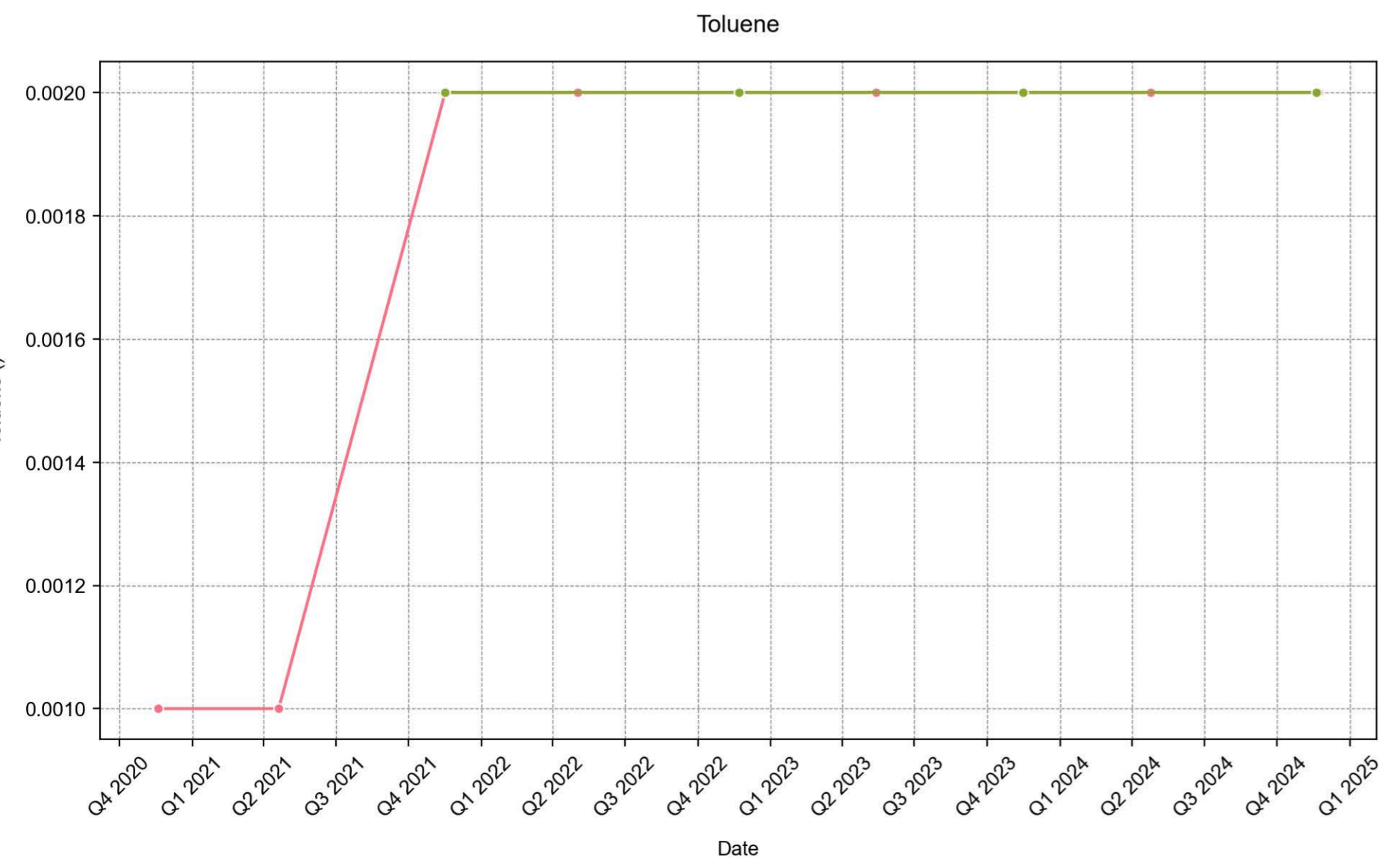
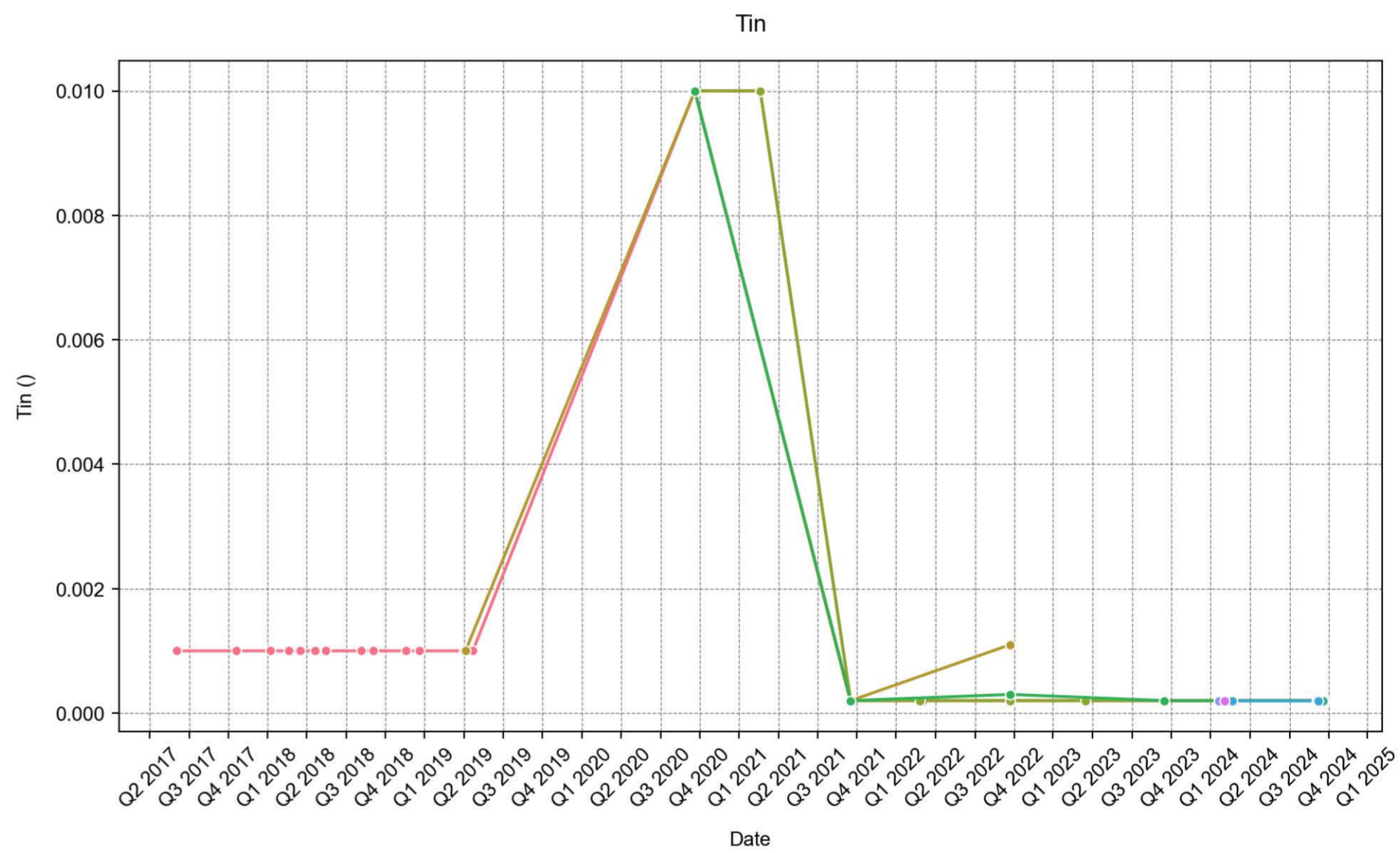
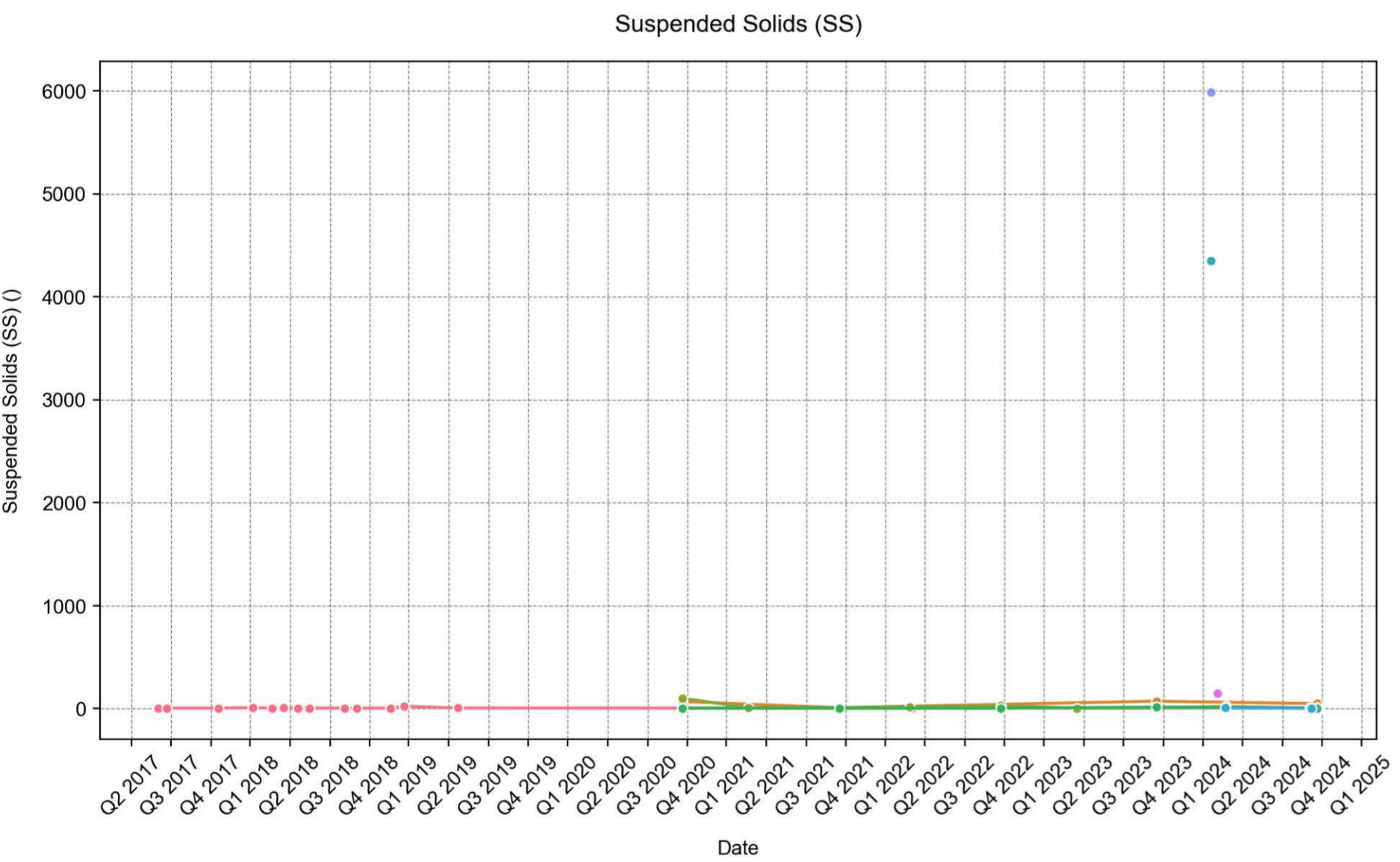
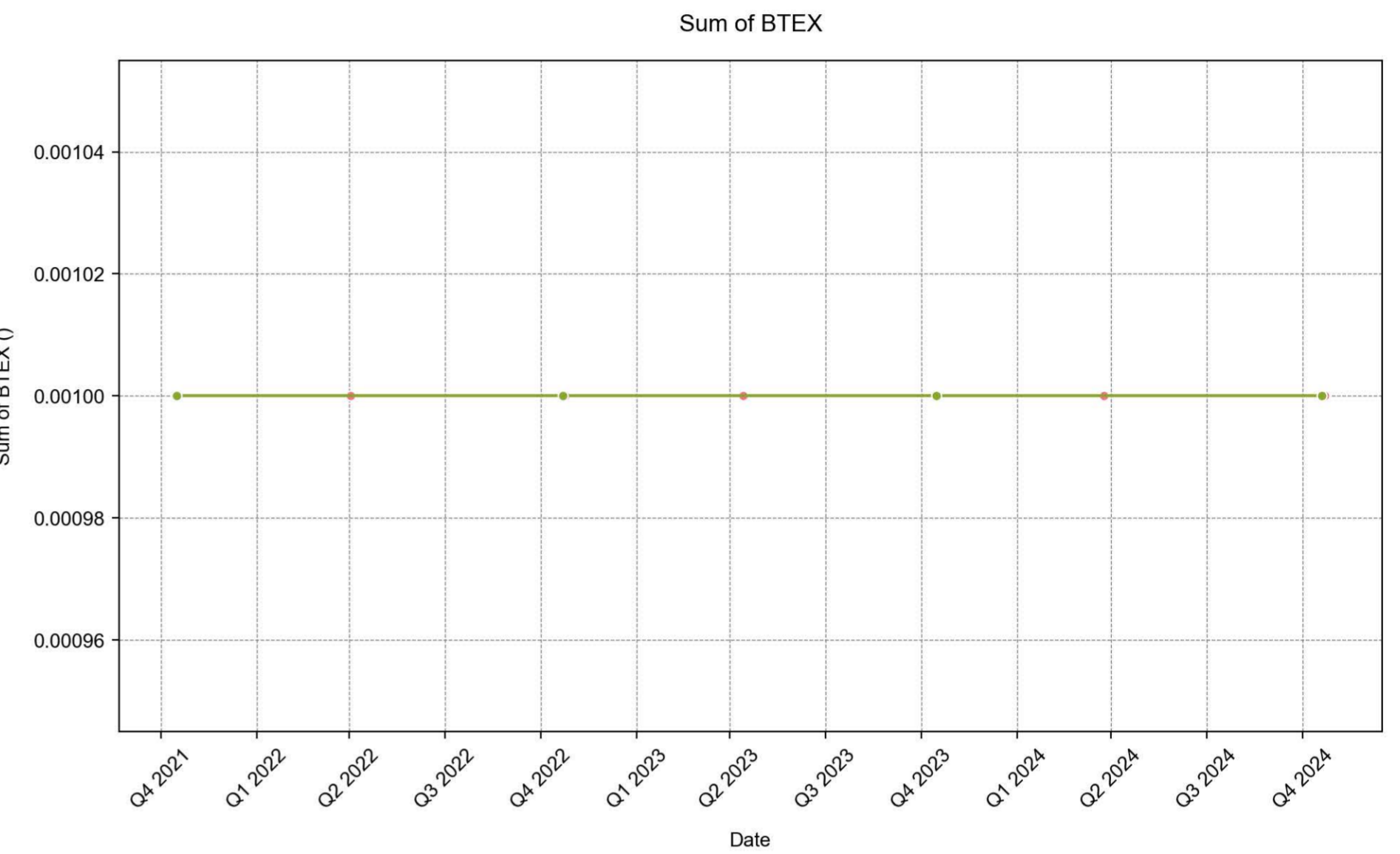
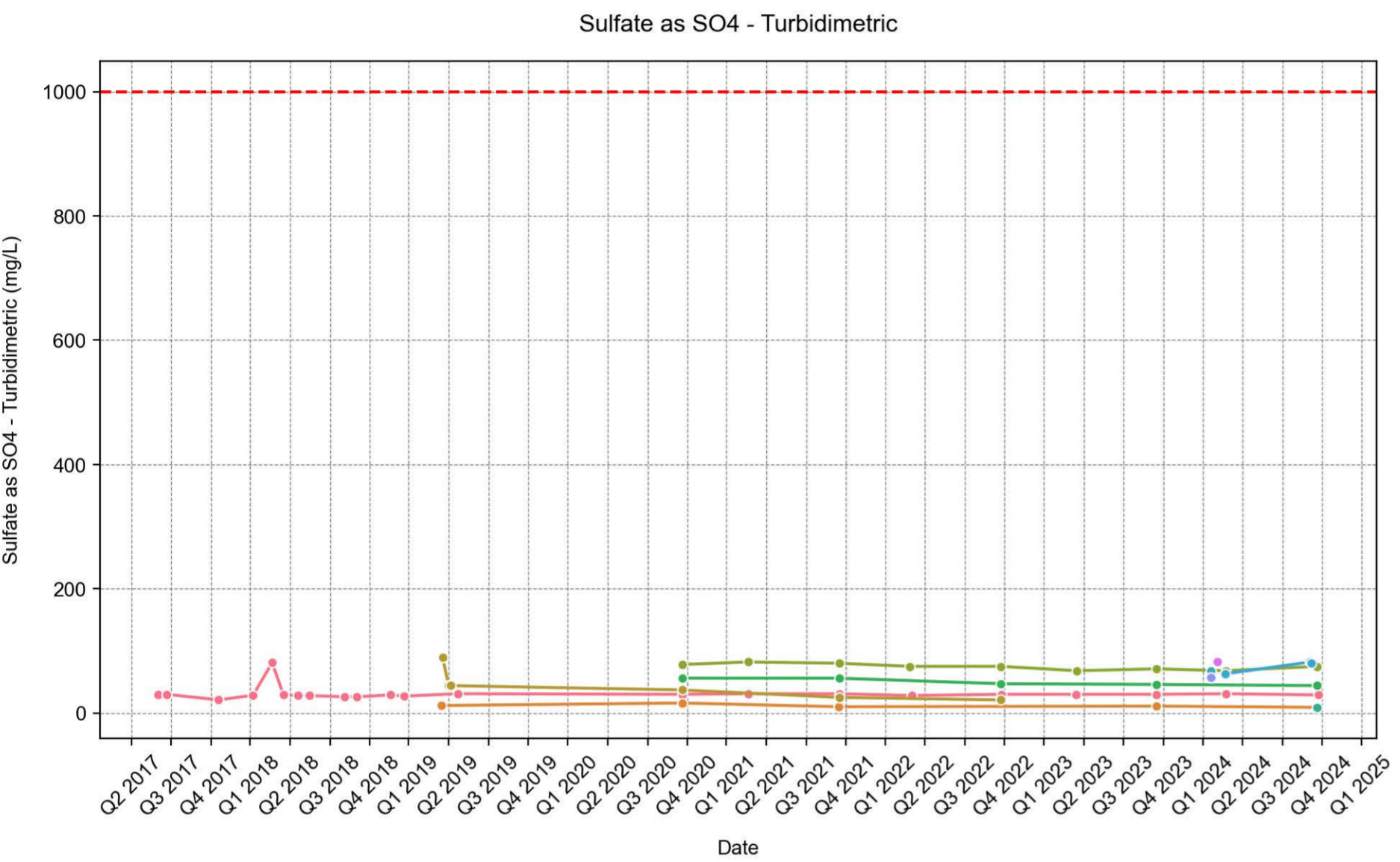
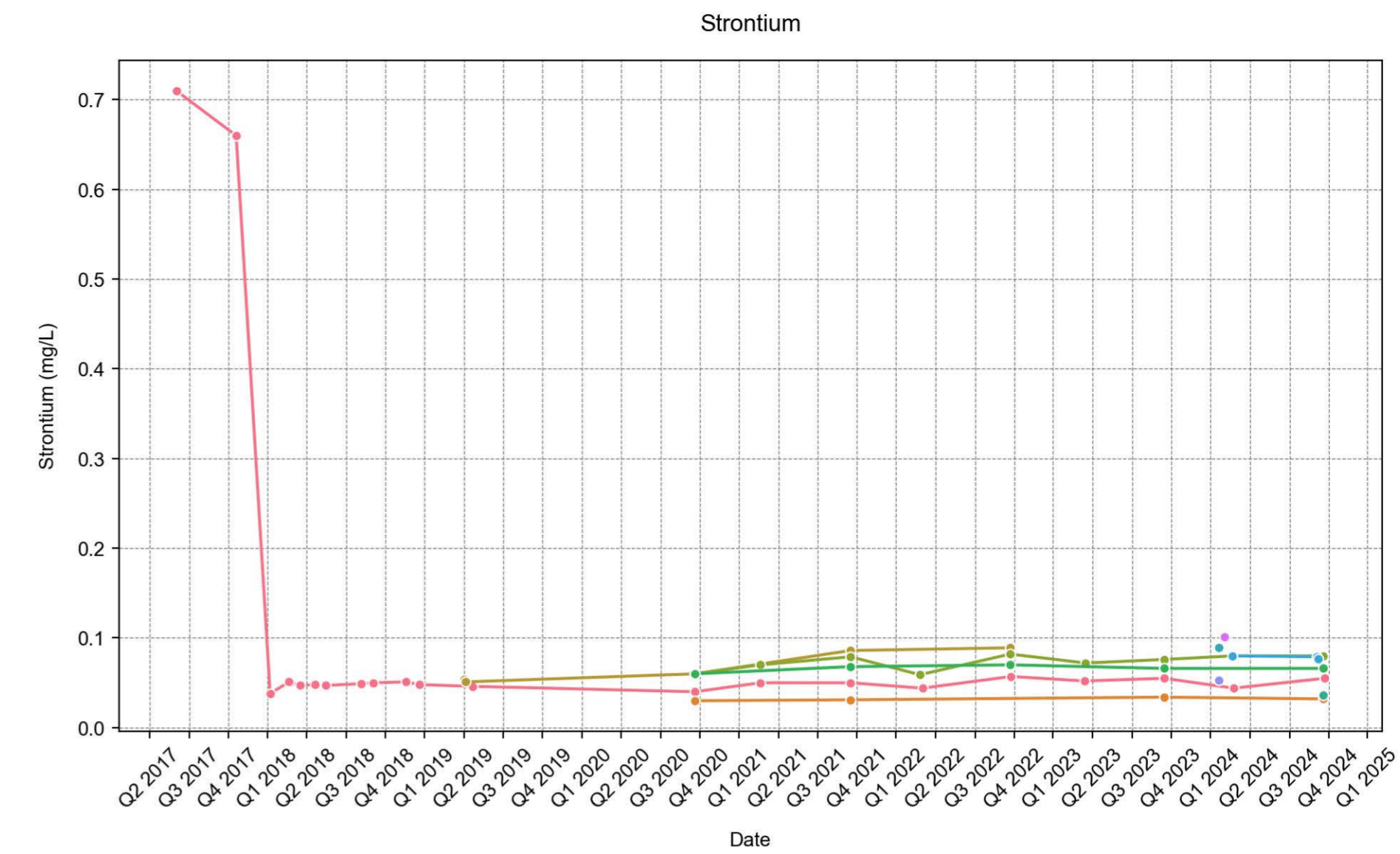
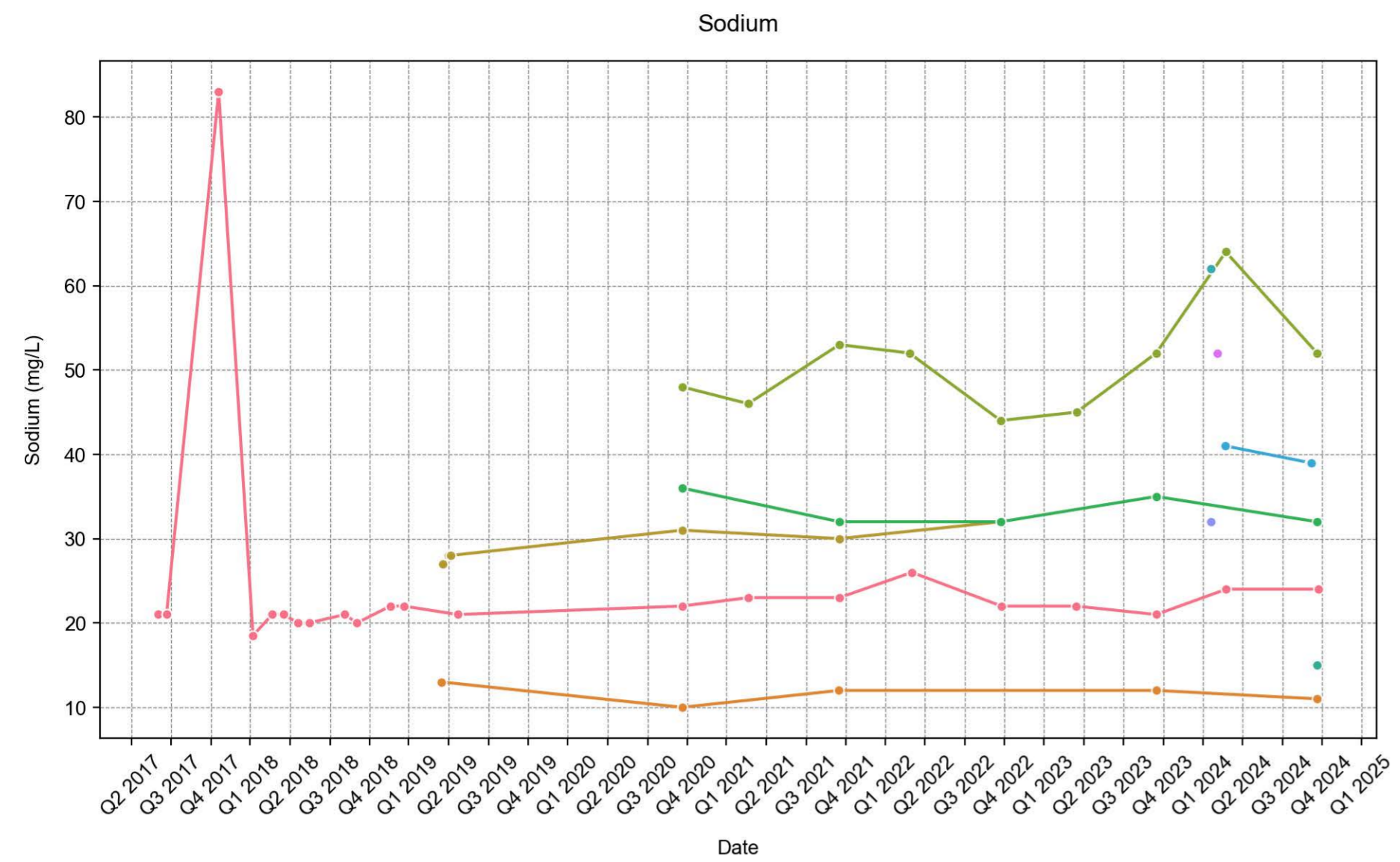


Silicon as SiO2

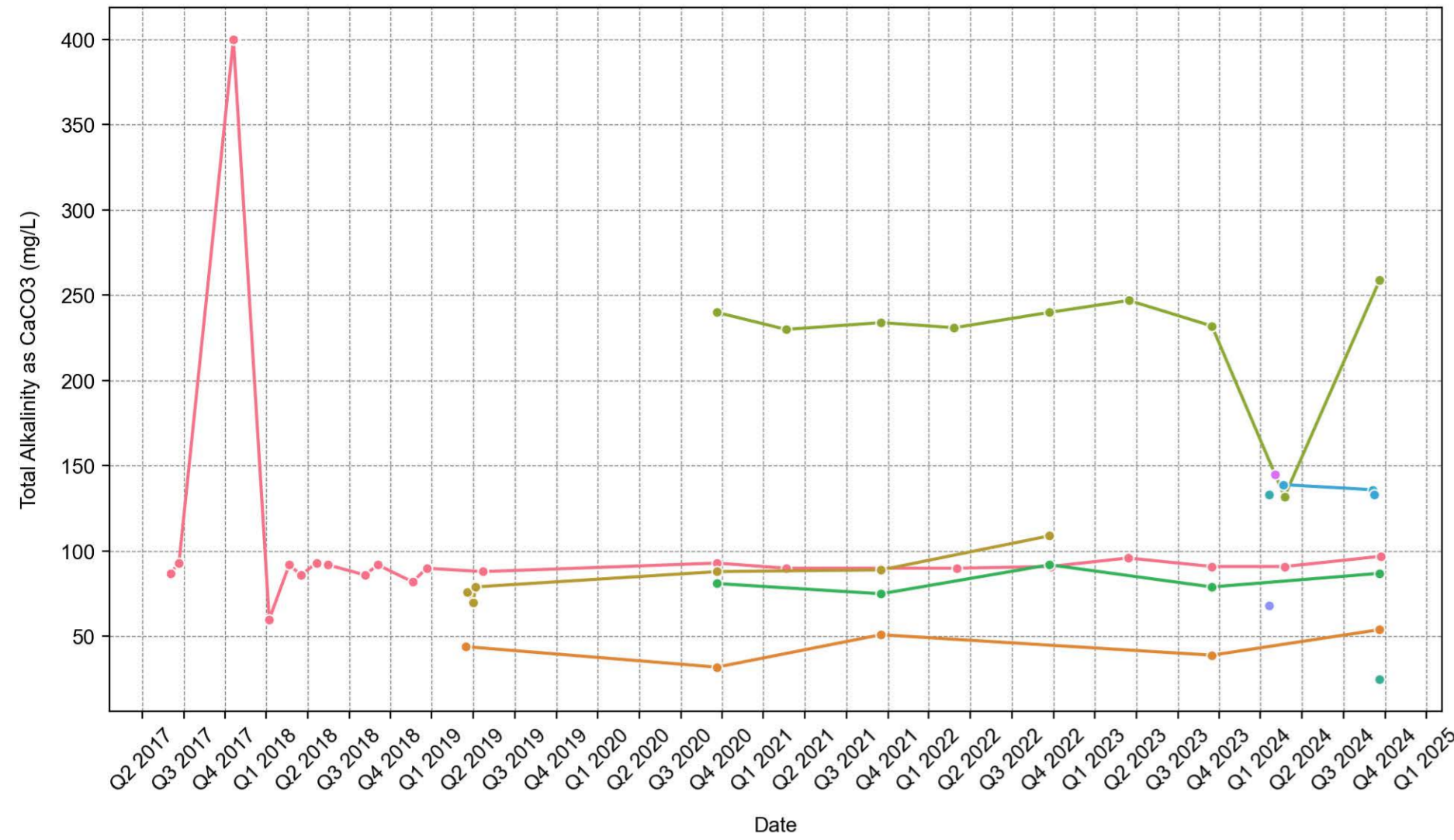


Silver

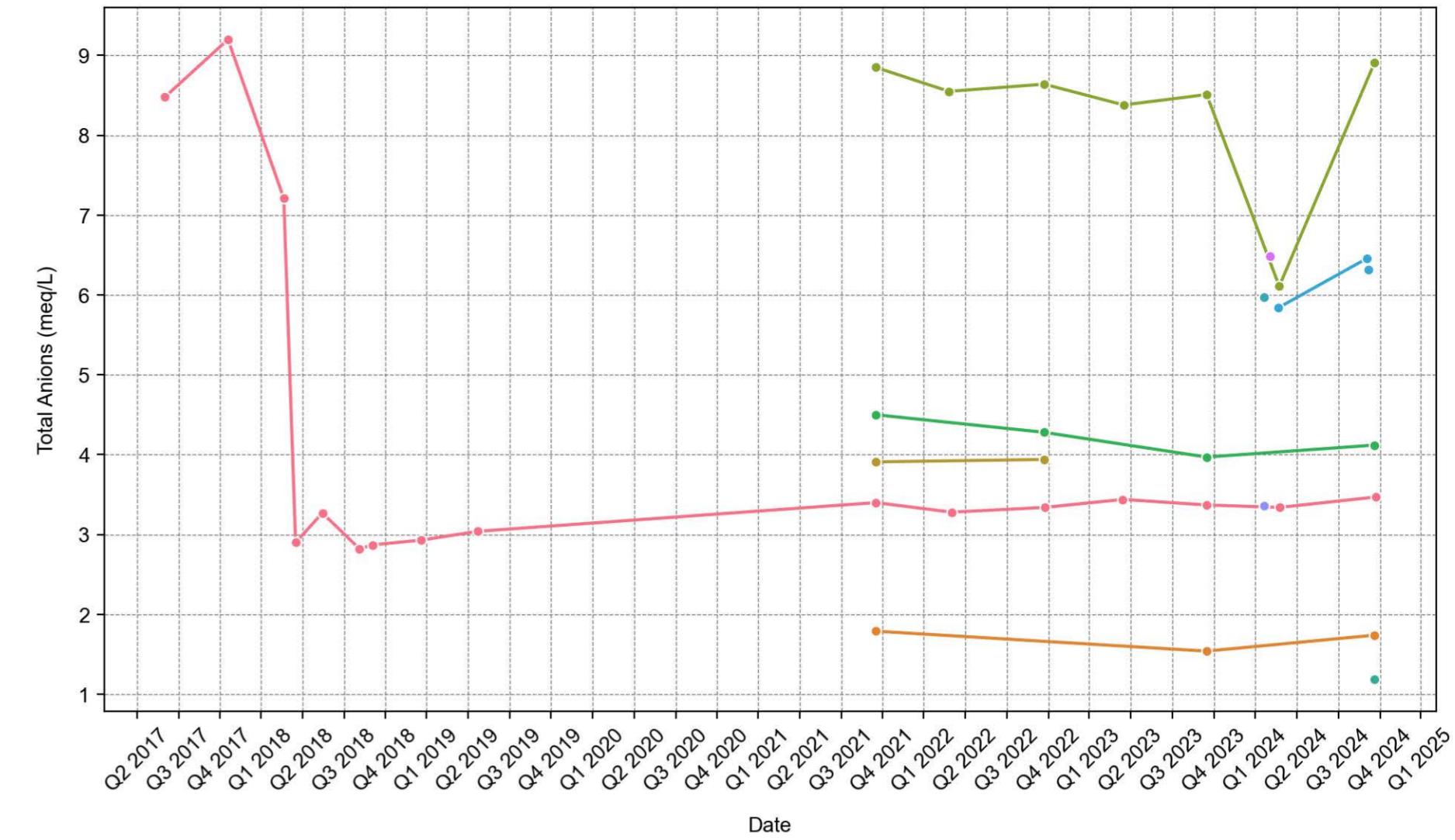




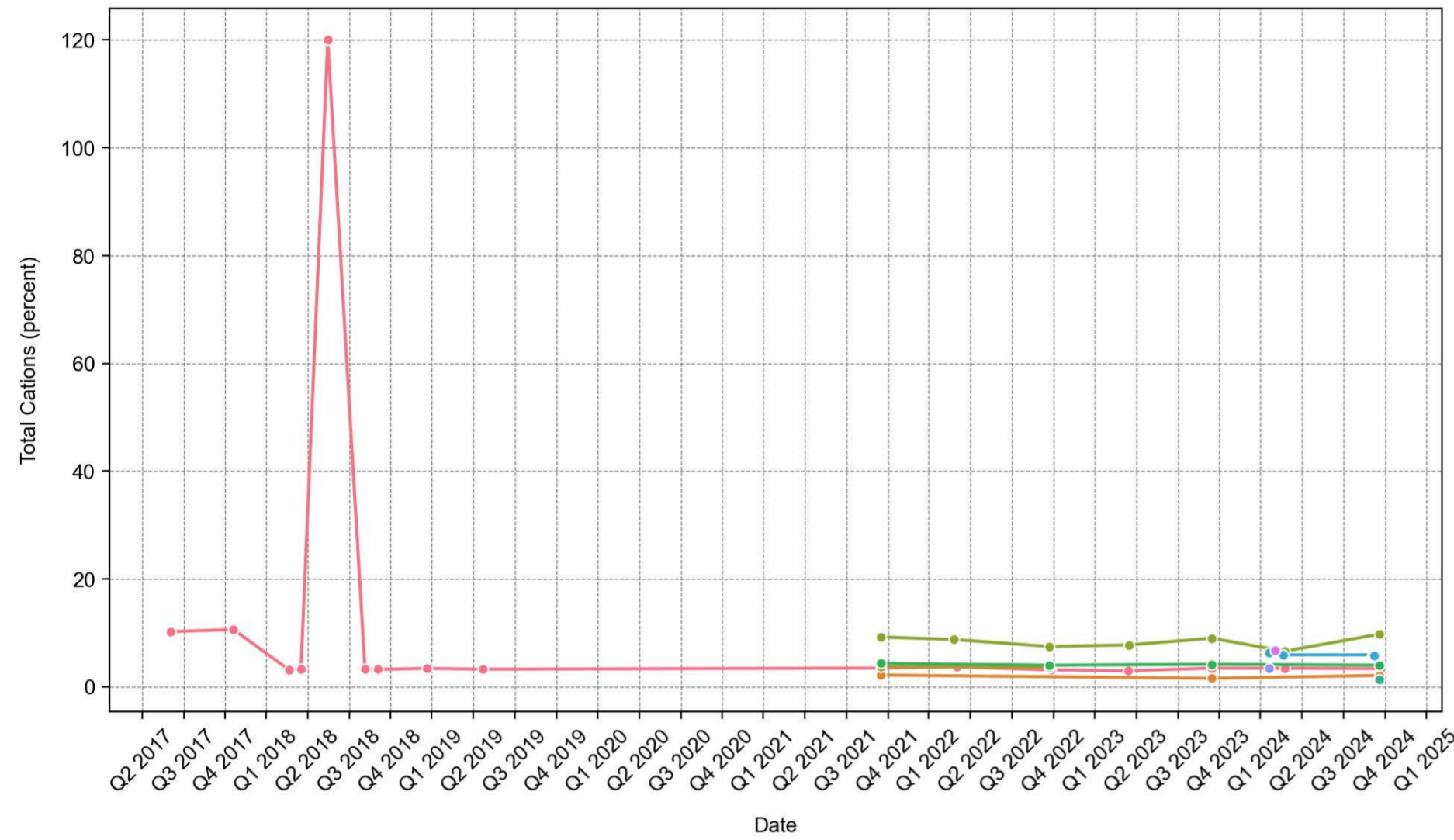
Total Alkalinity as CaCO3



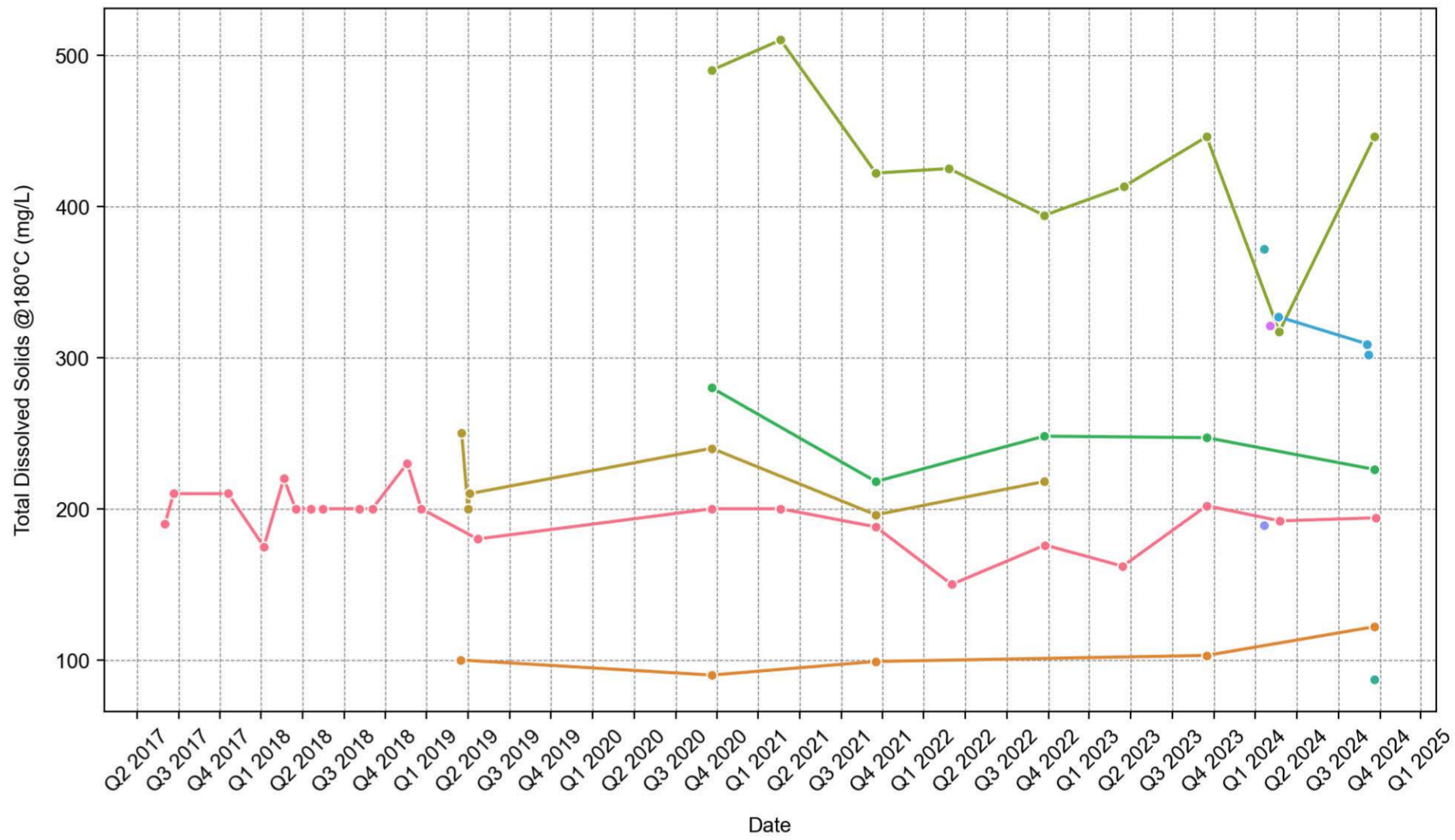
Total Anions



Total Cations



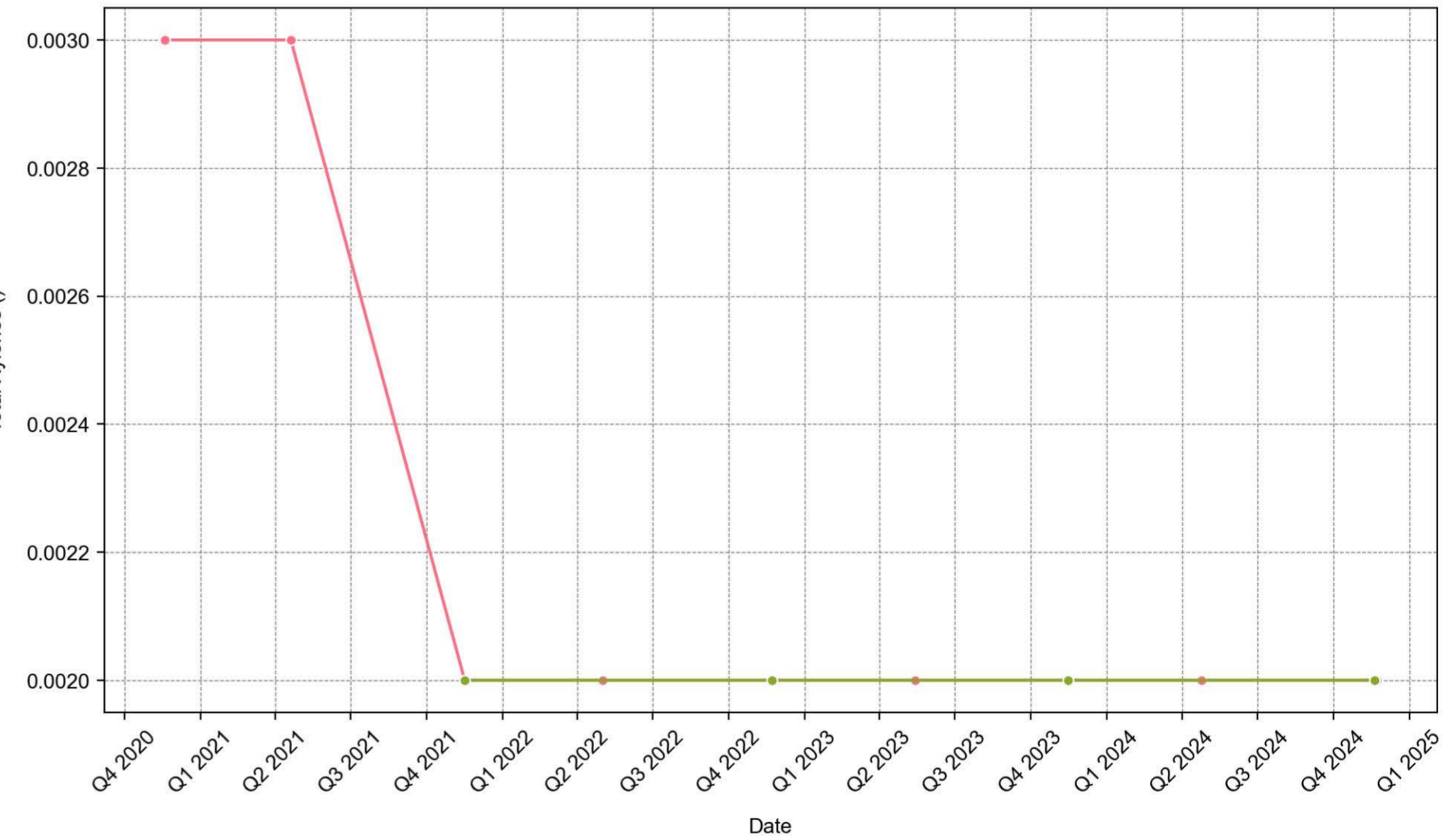
Total Dissolved Solids @180°C



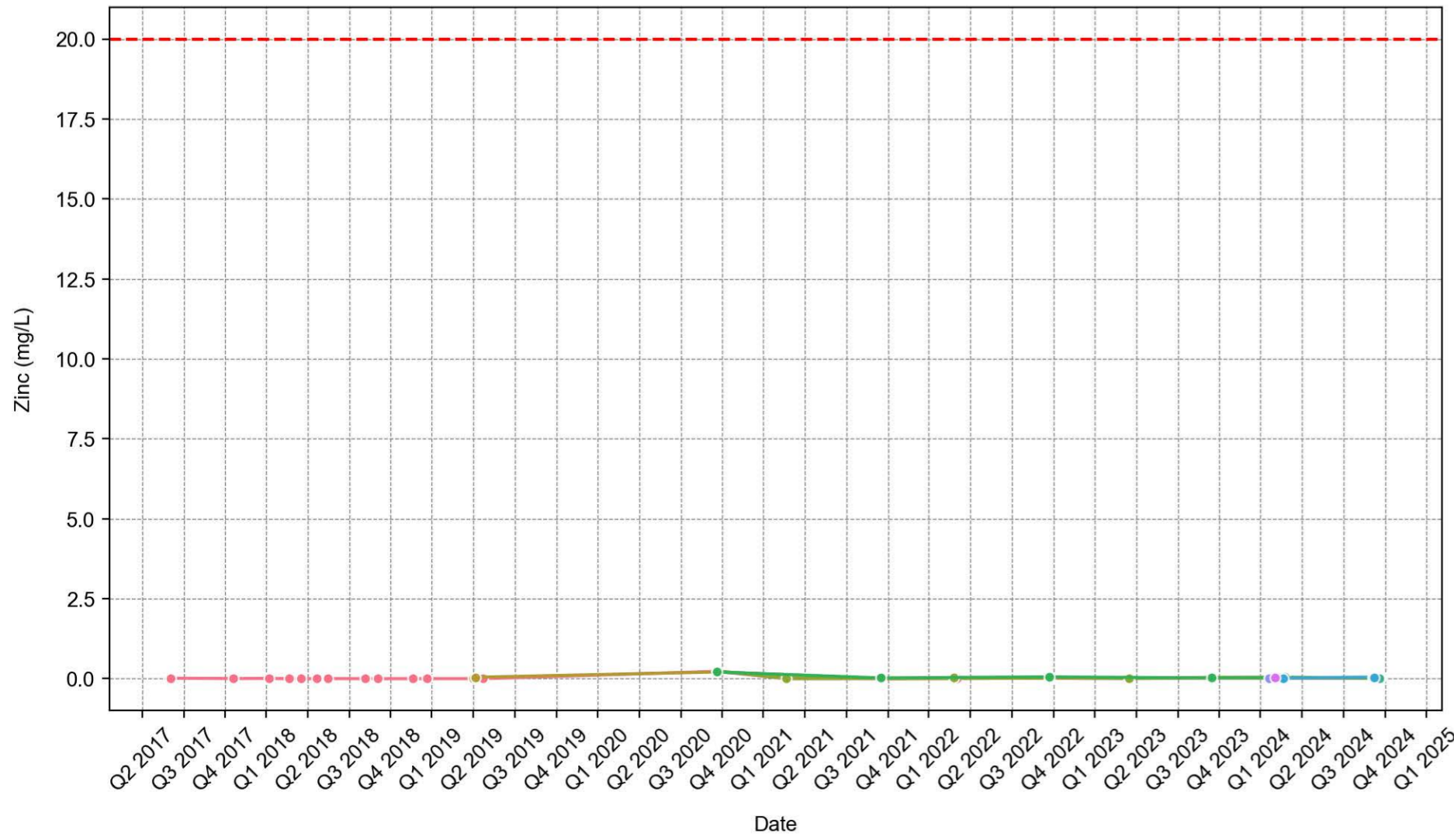
Total Hardness as CaCO3



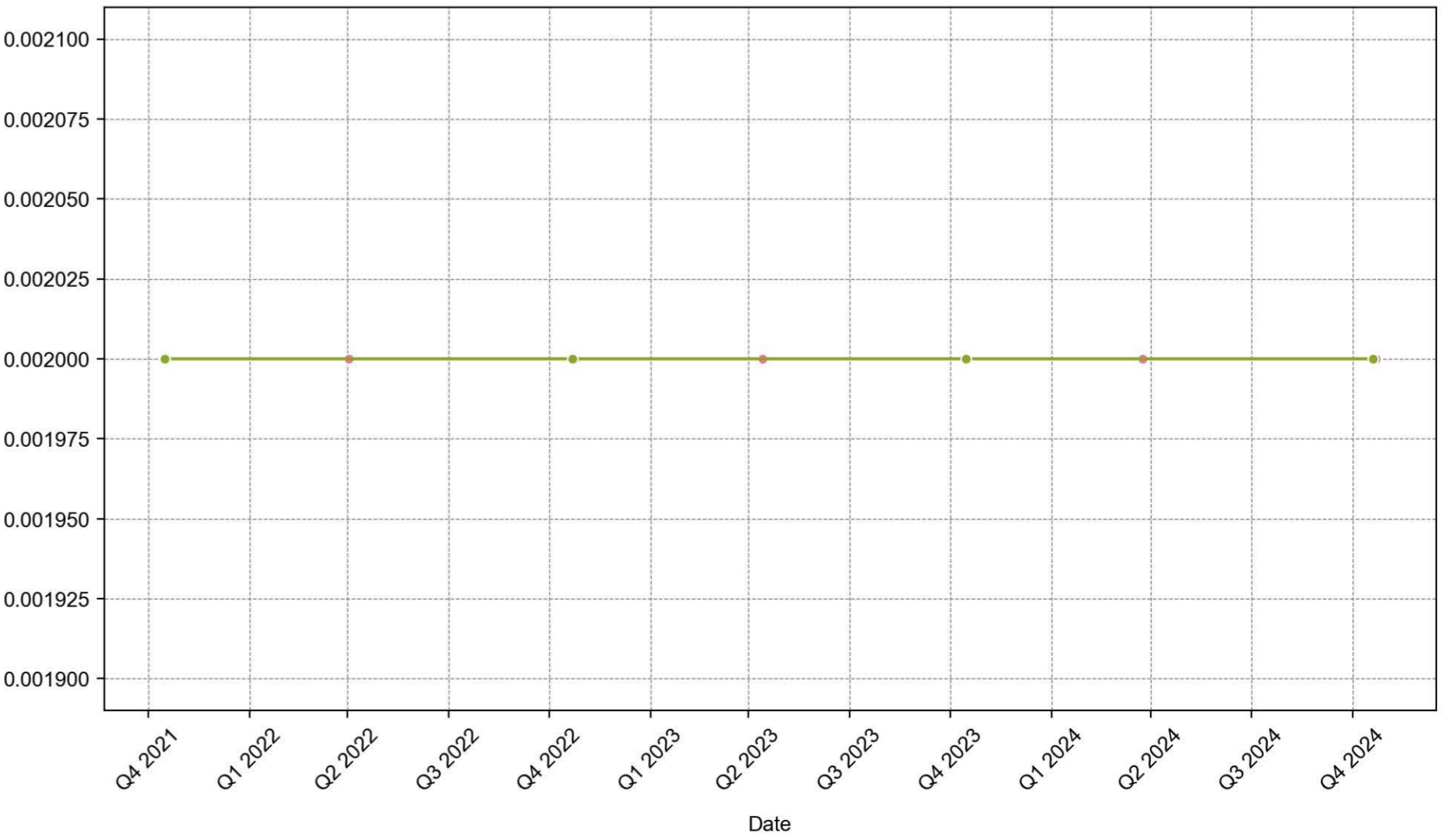
Total Xylenes



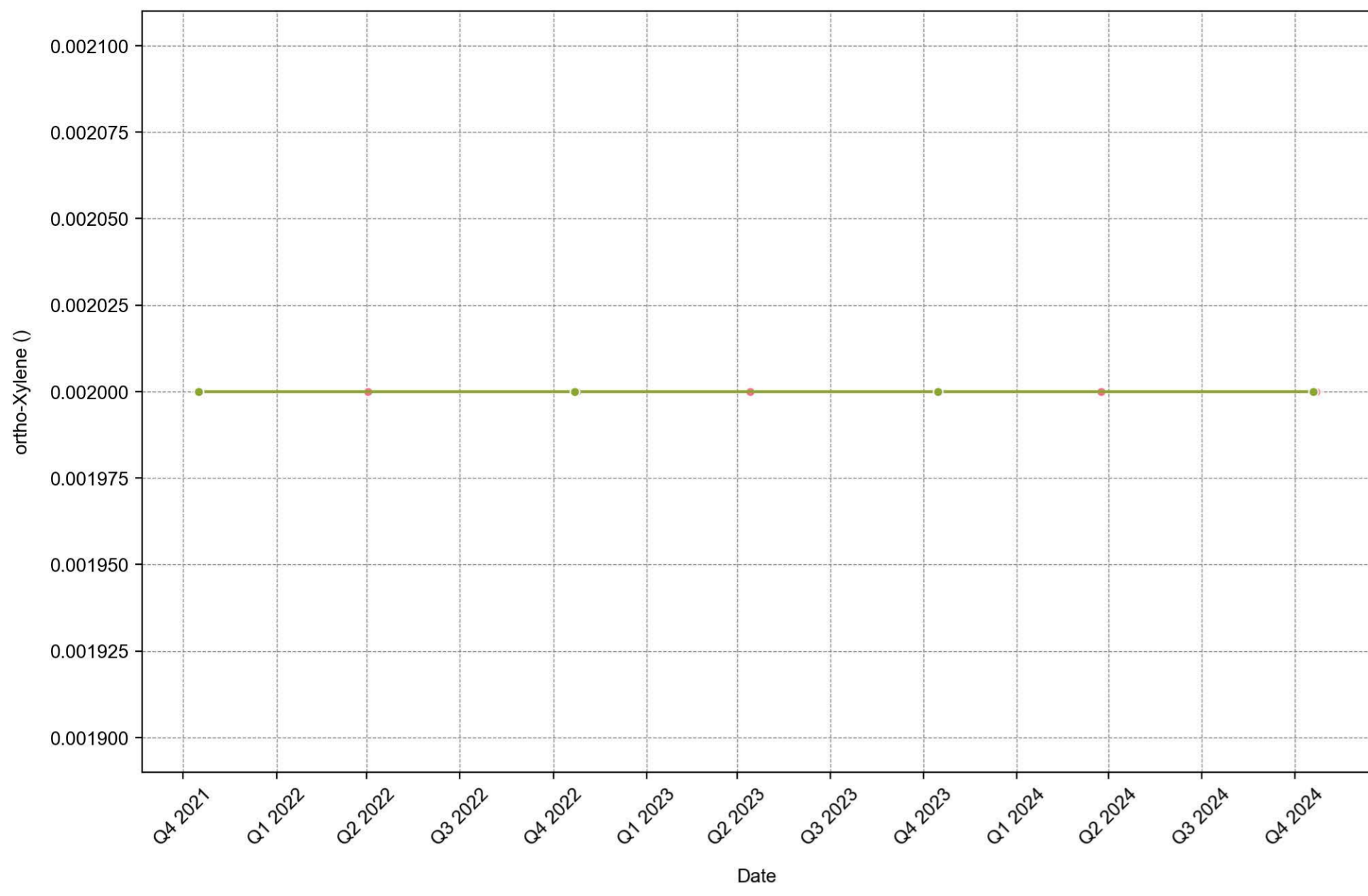
Zinc



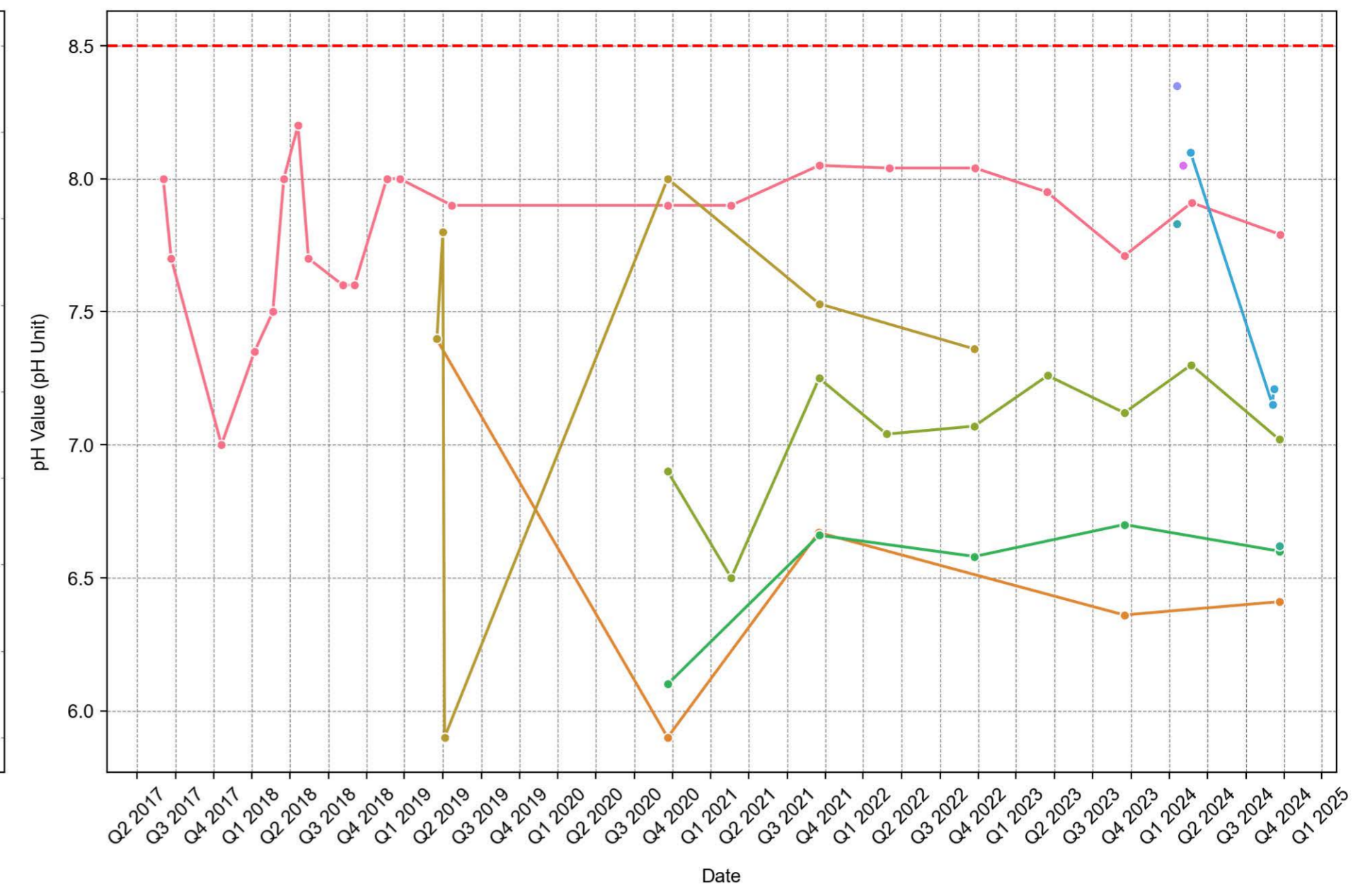
meta- & para-Xylene



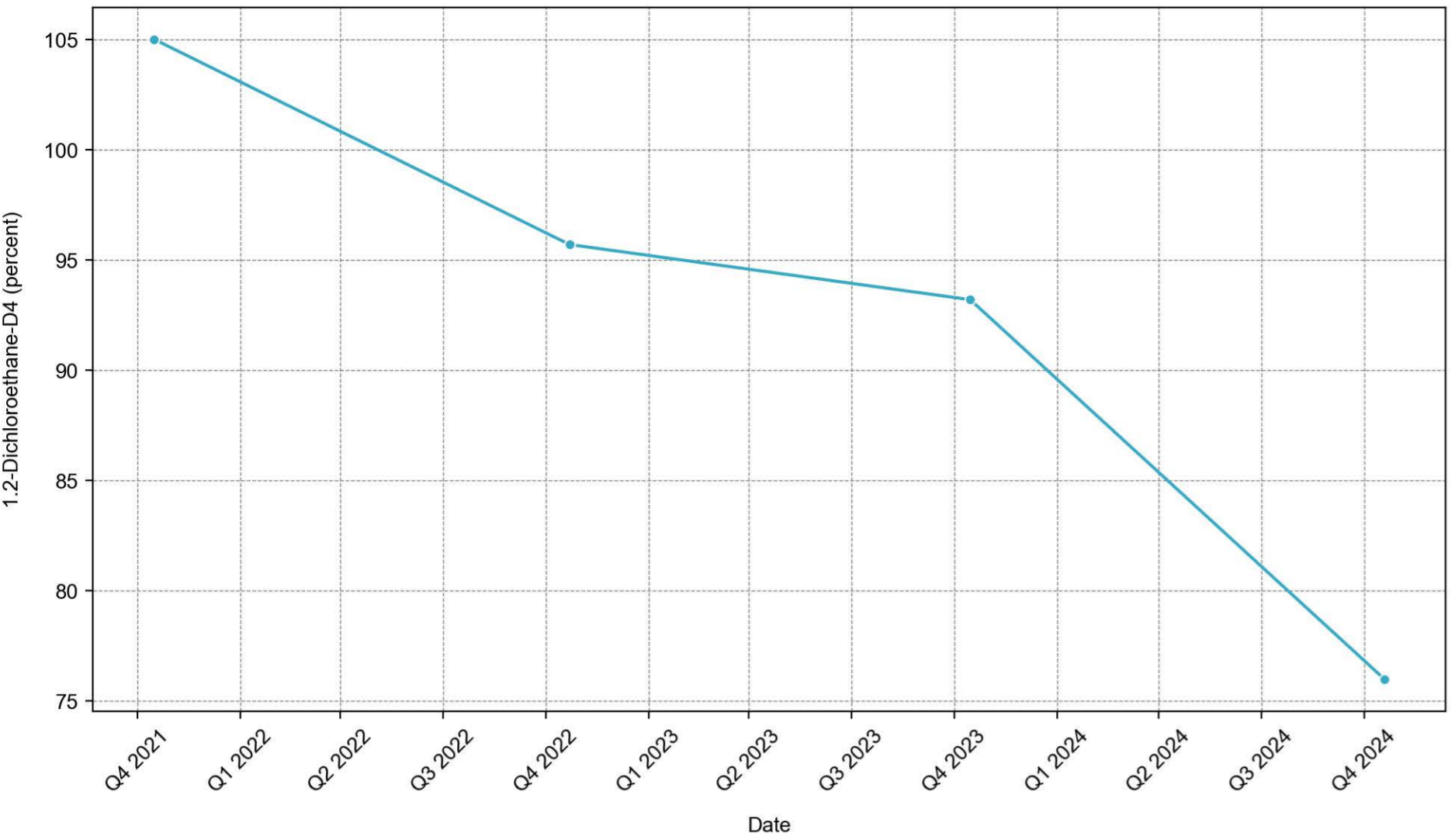
ortho-Xylene



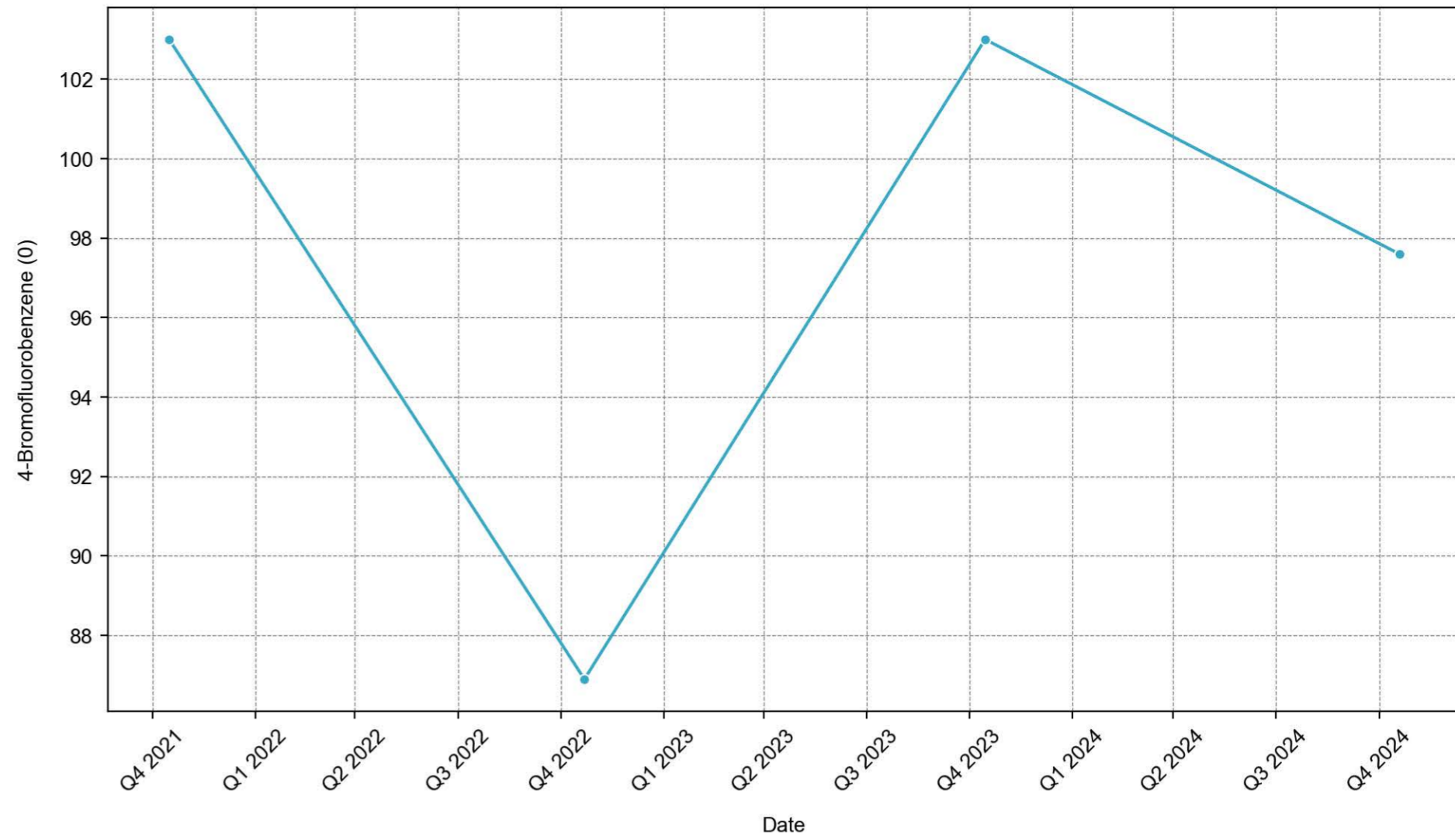
pH Value



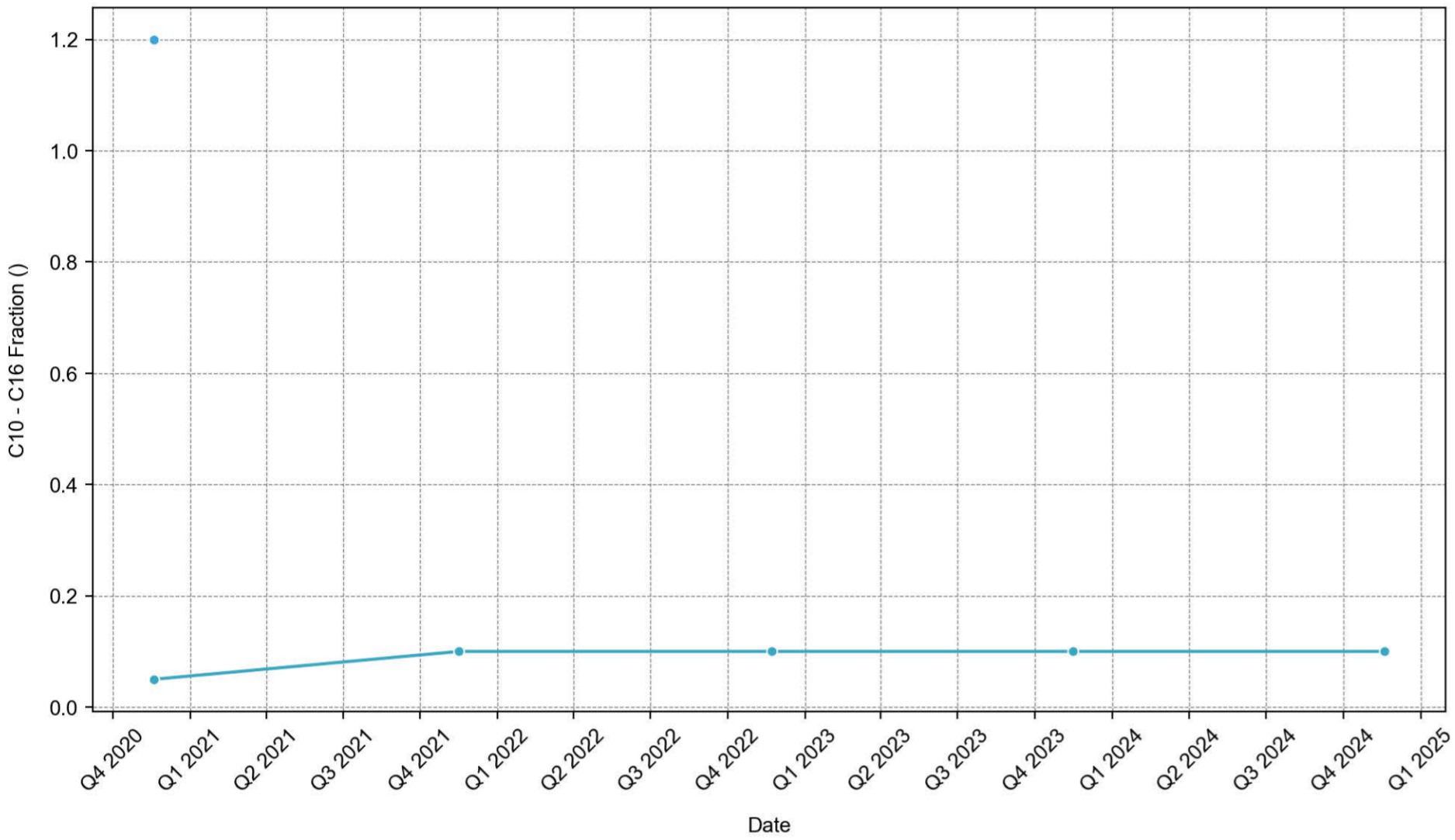
1,2-Dichloroethane-D4



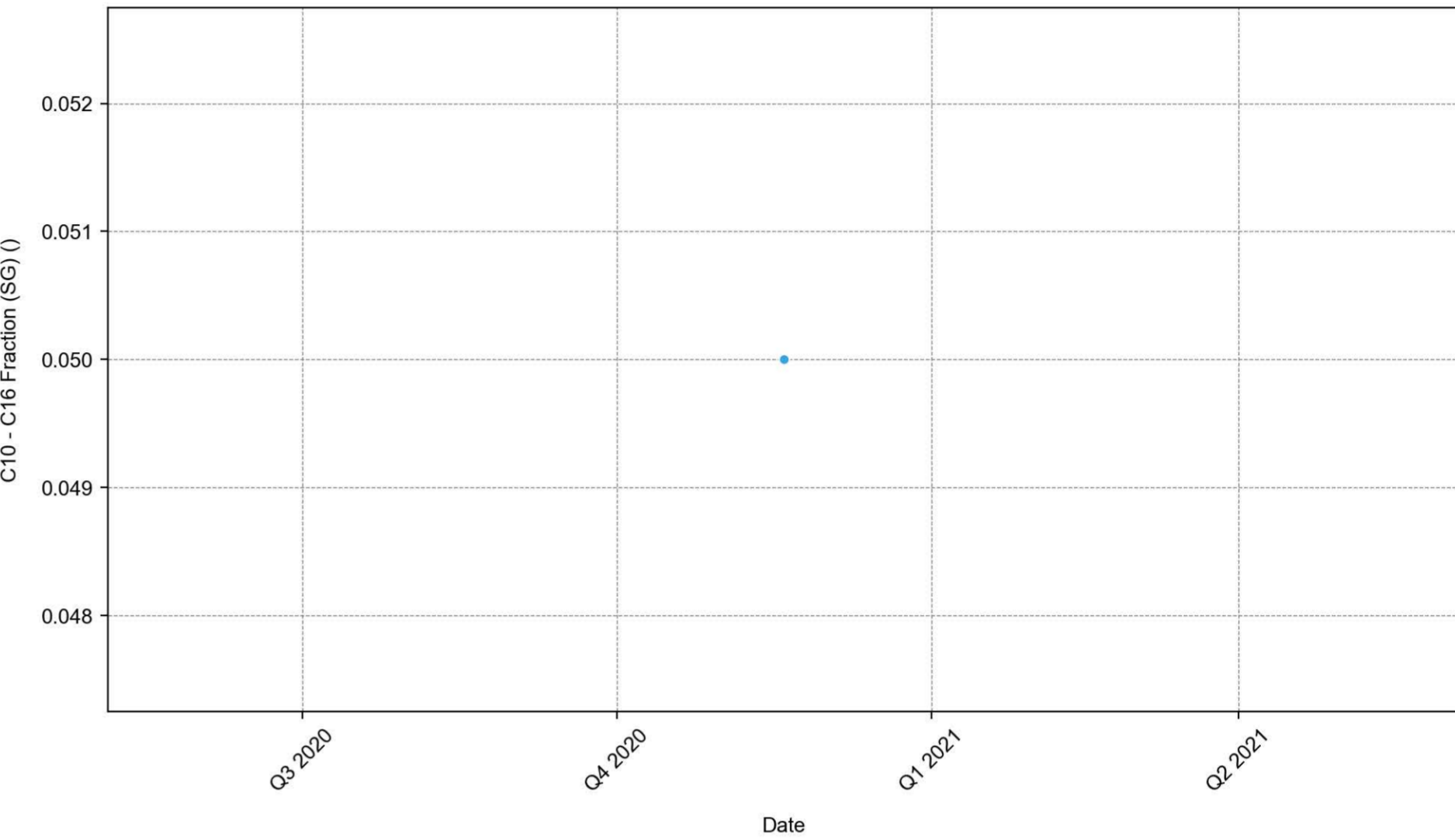
4-Bromofluorobenzene



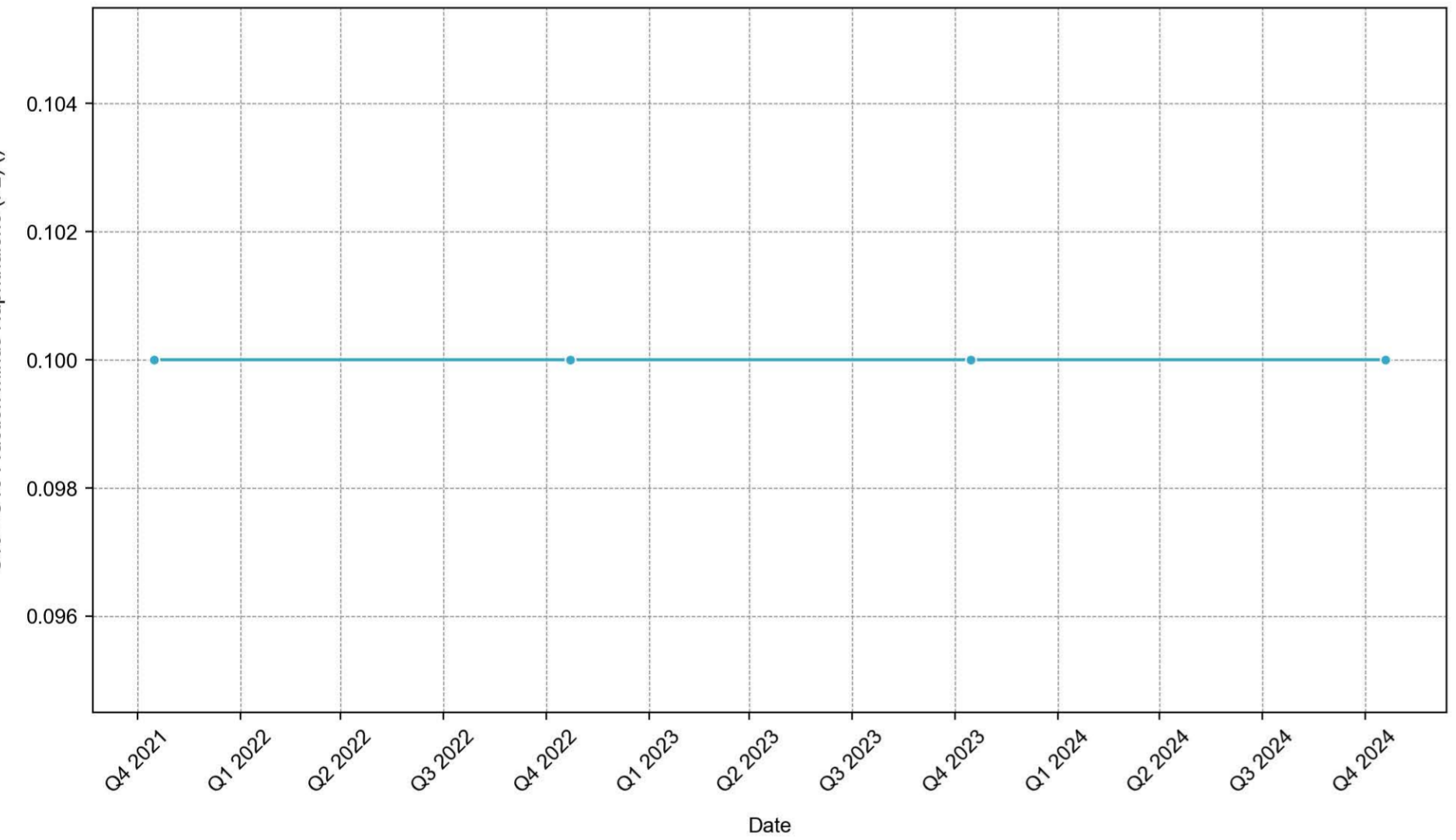
C10 - C16 Fraction



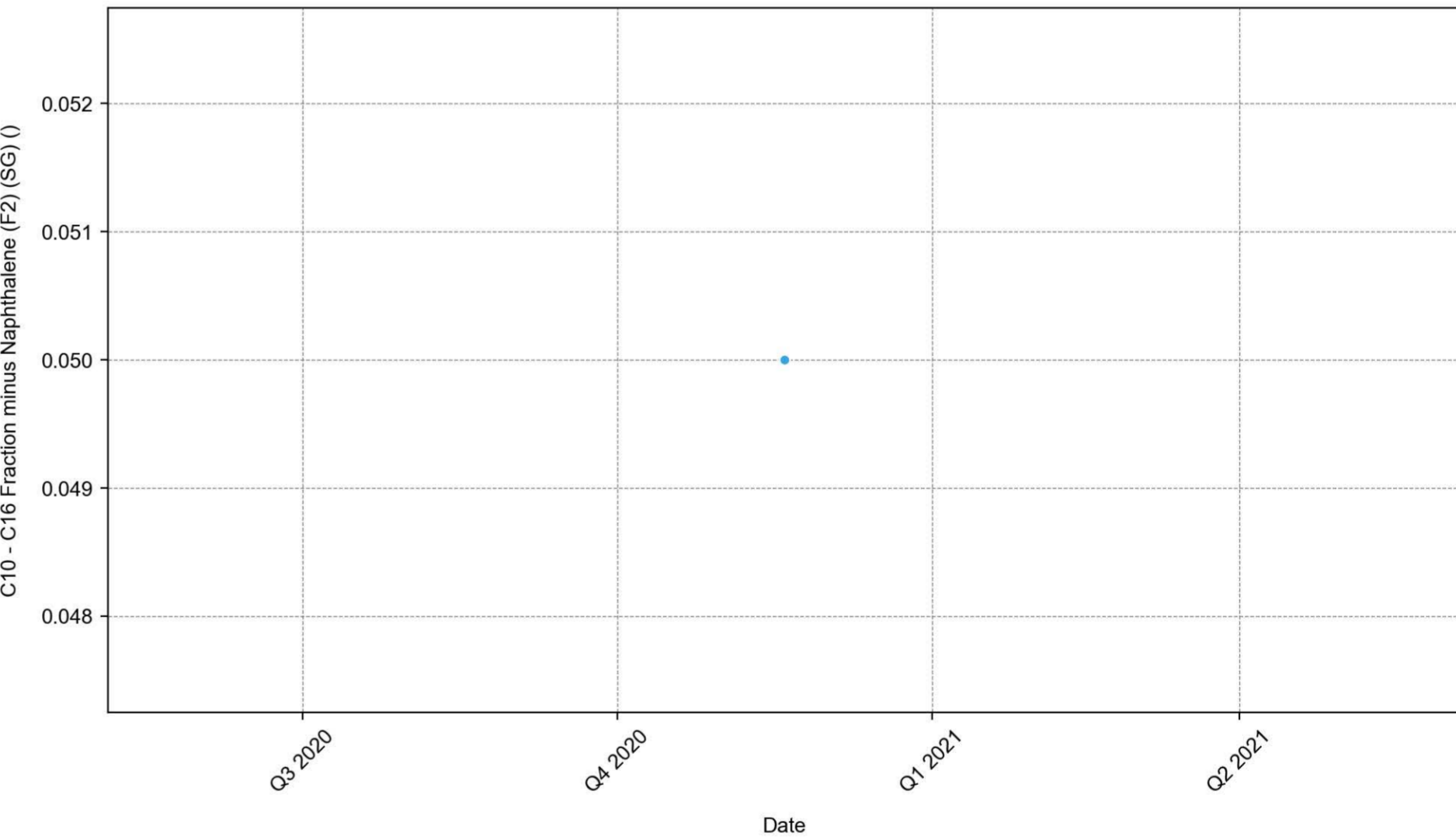
C10 - C16 Fraction (SG)



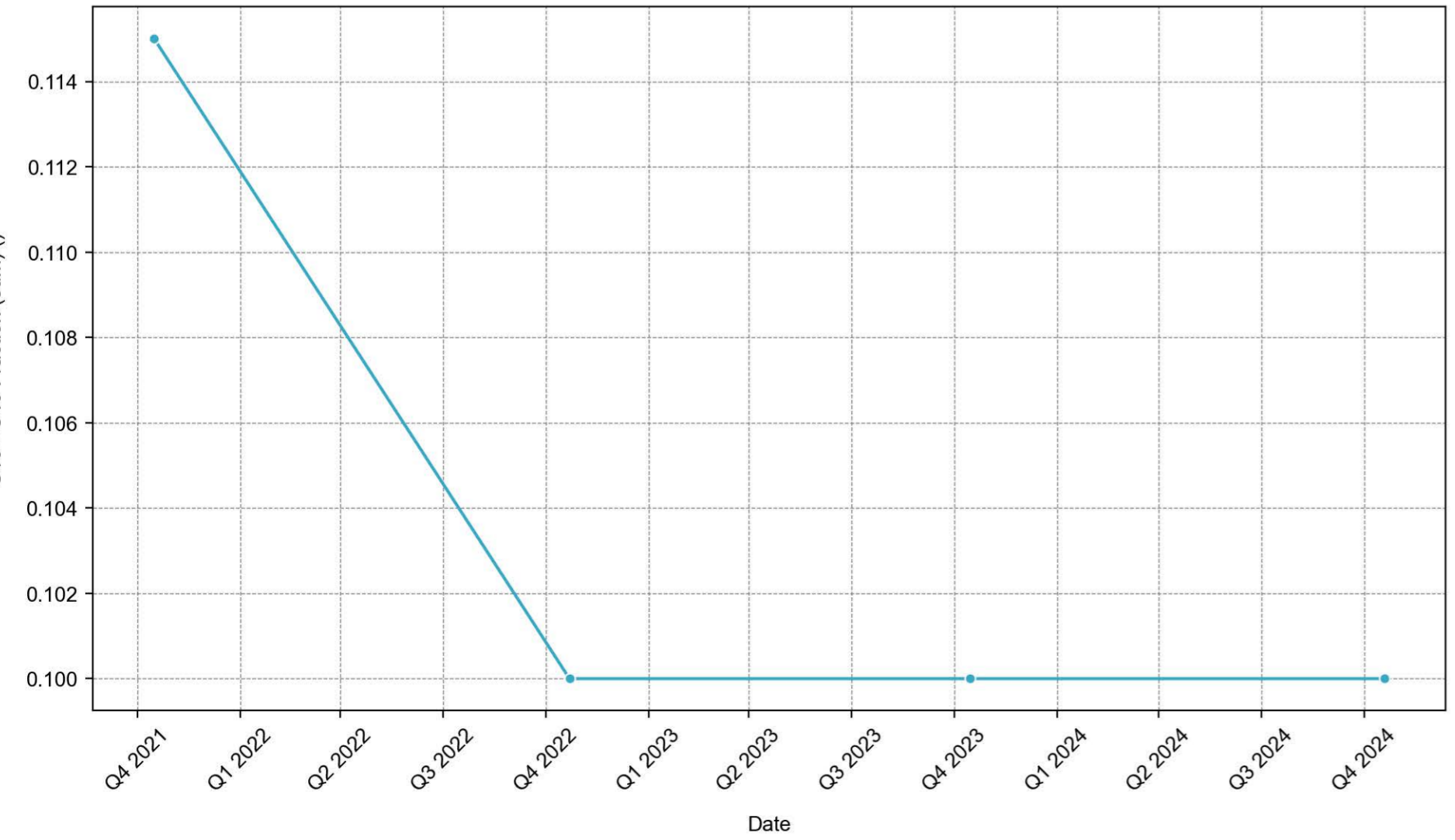
C10 - C16 Fraction minus Naphthalene (F2)



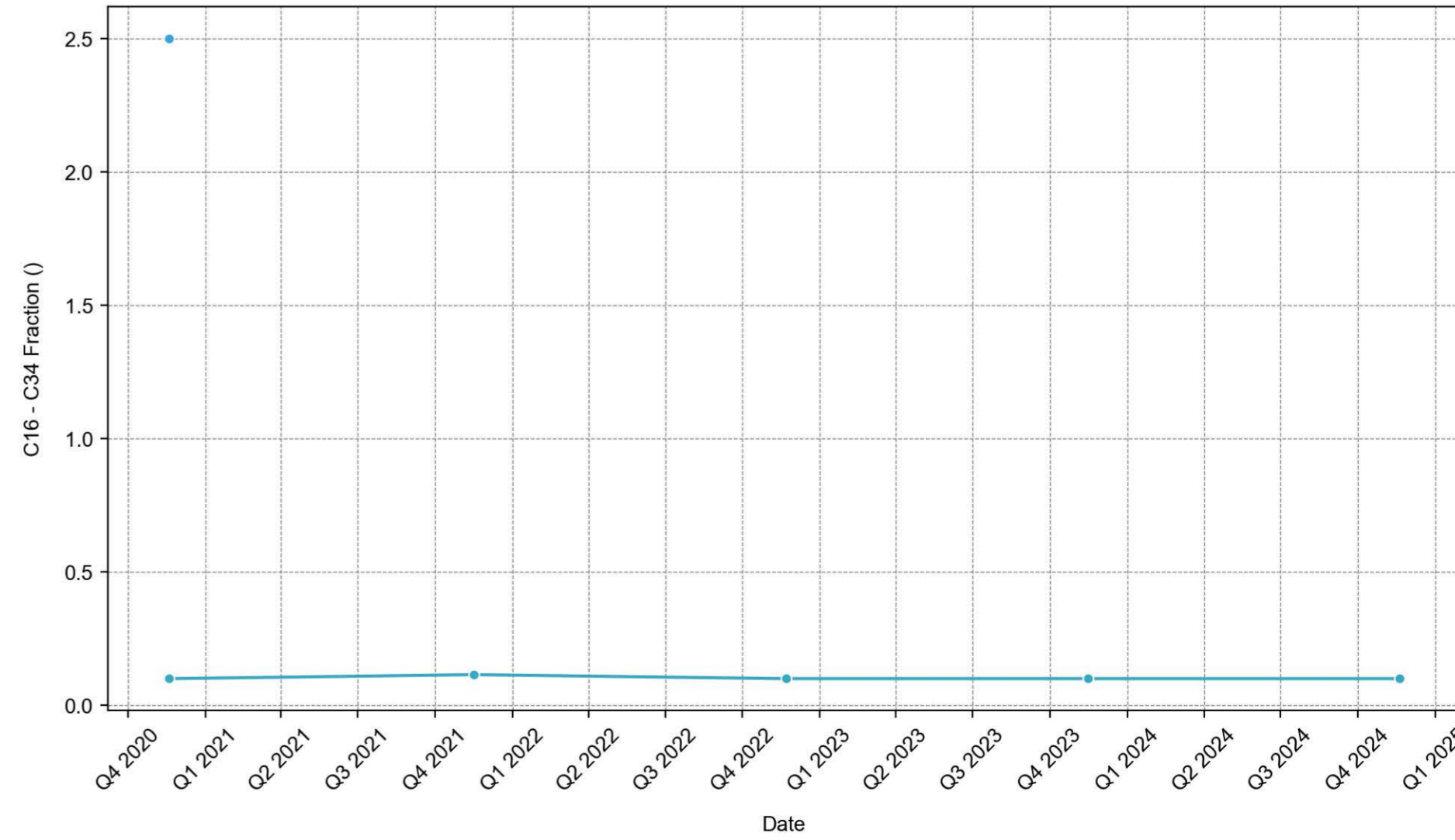
C10 - C16 Fraction minus Naphthalene (F2) (SG)



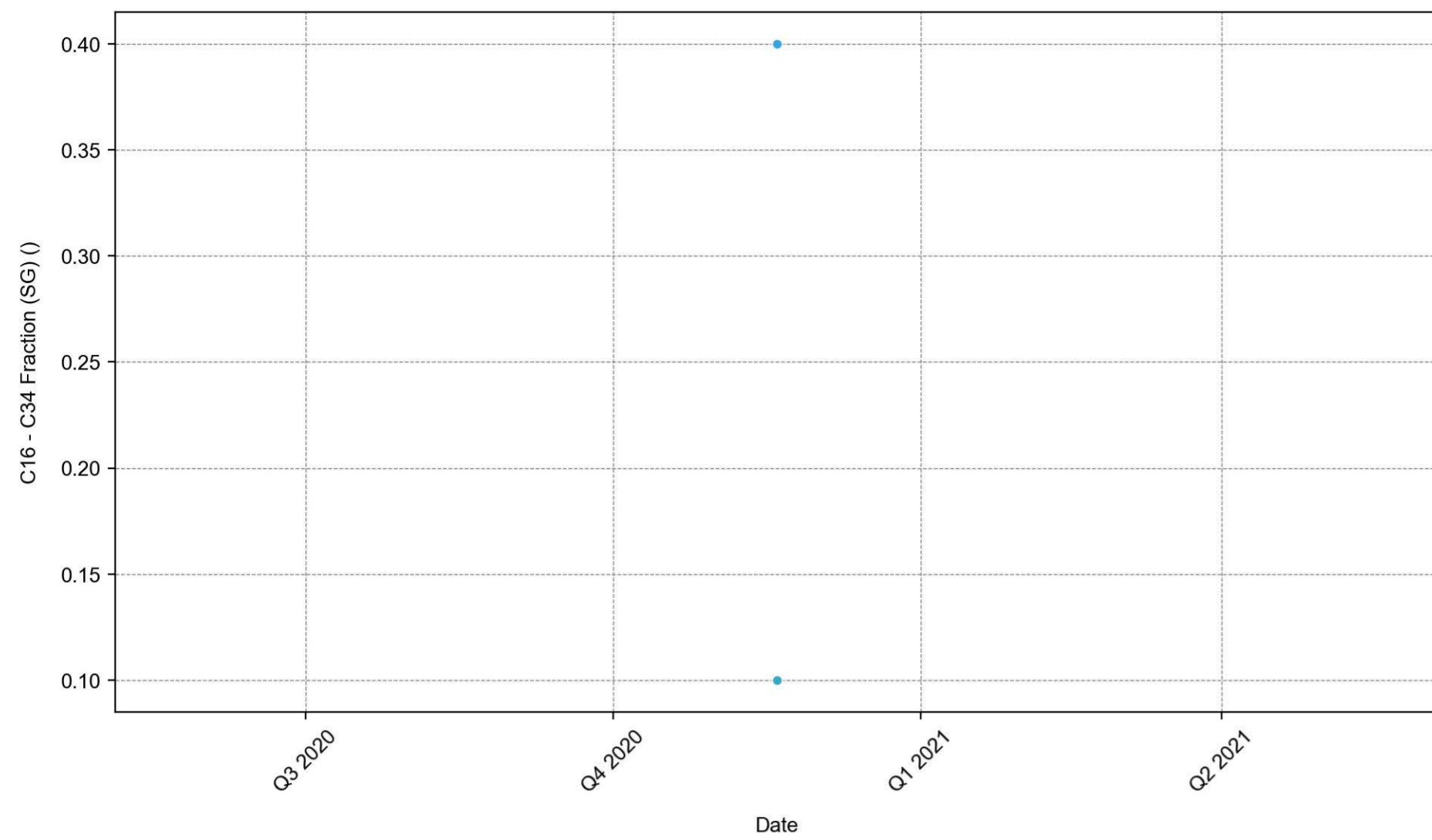
C10 - C40 Fraction (sum)



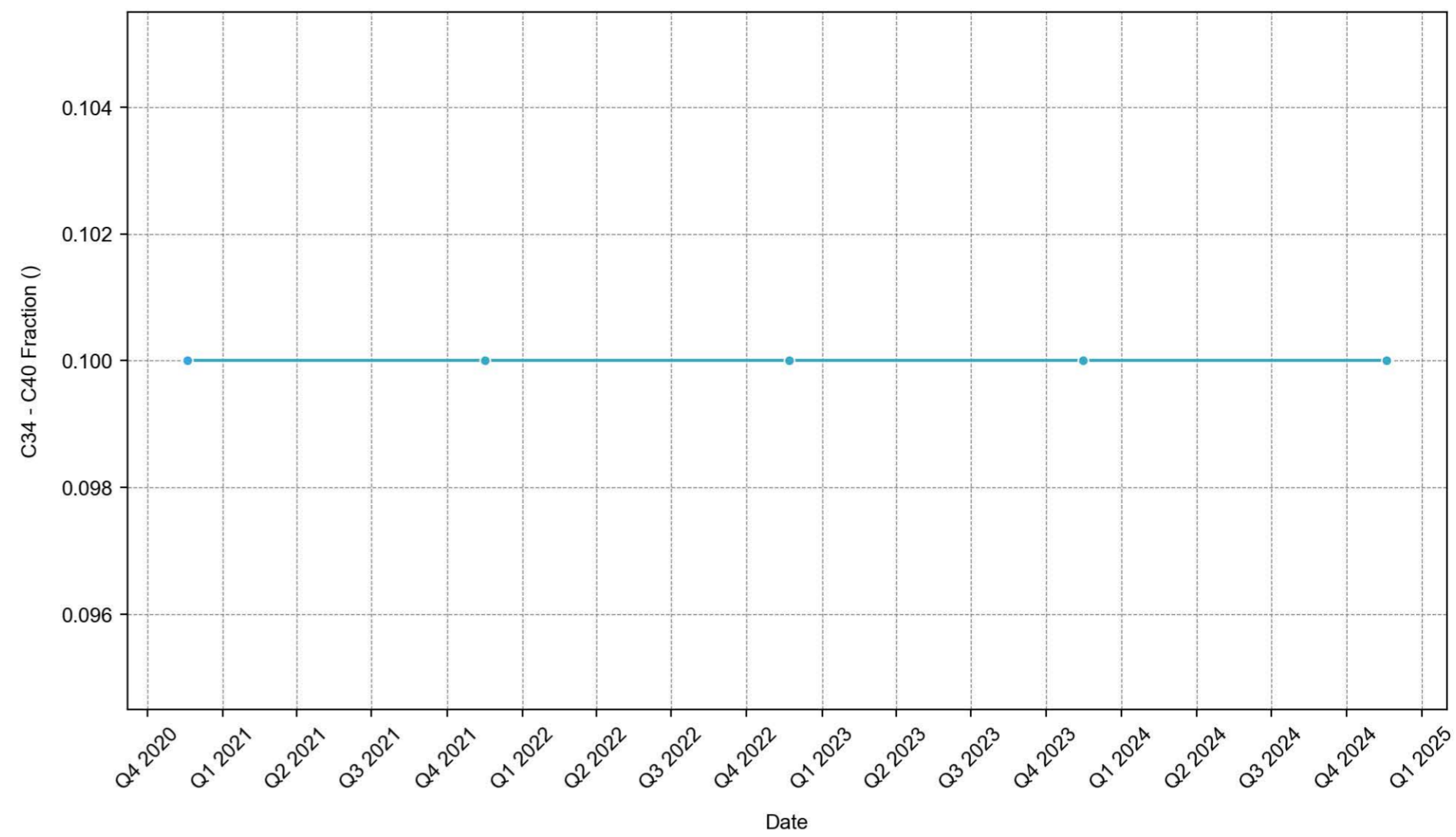
C16 - C34 Fraction



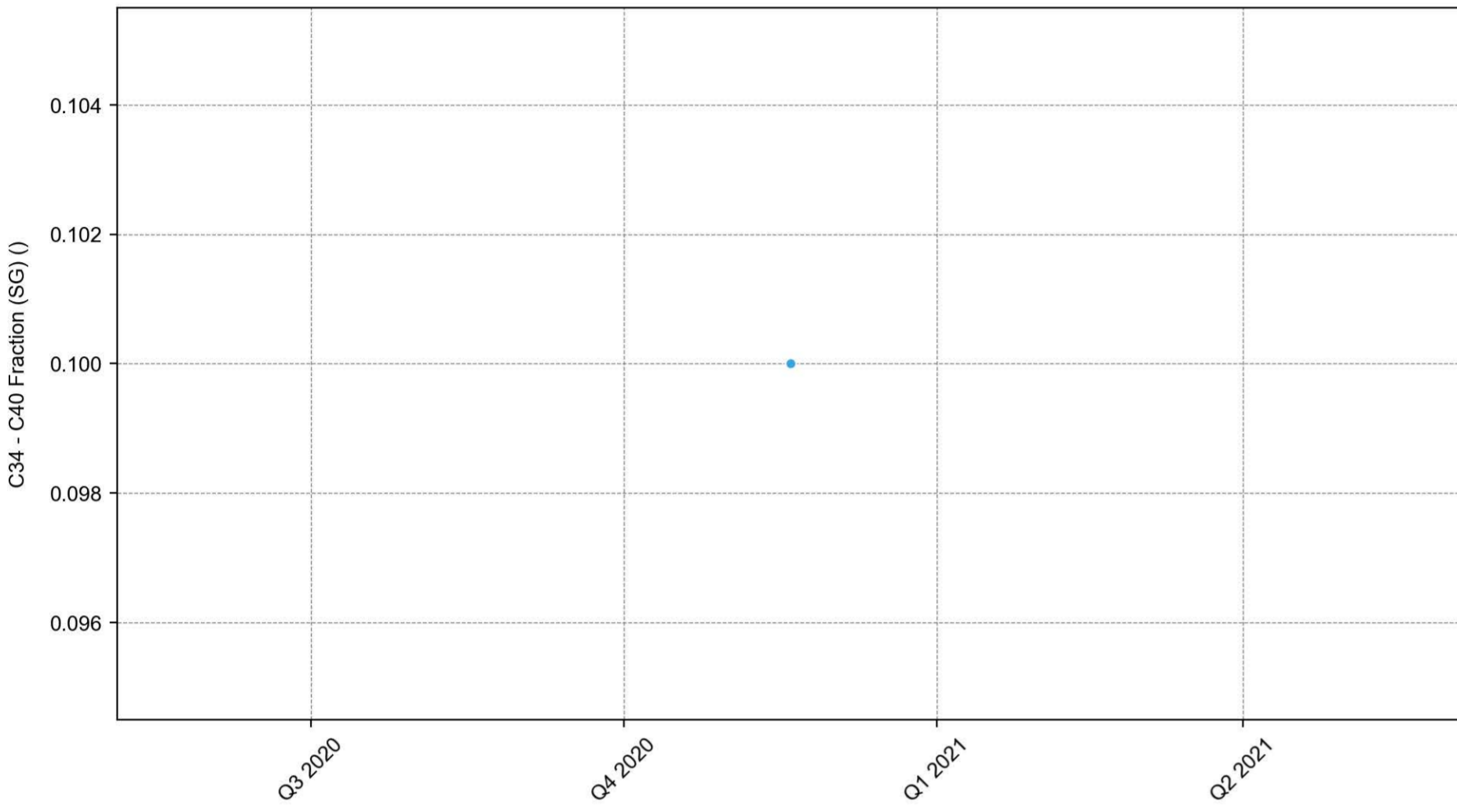
C16 - C34 Fraction (SG)



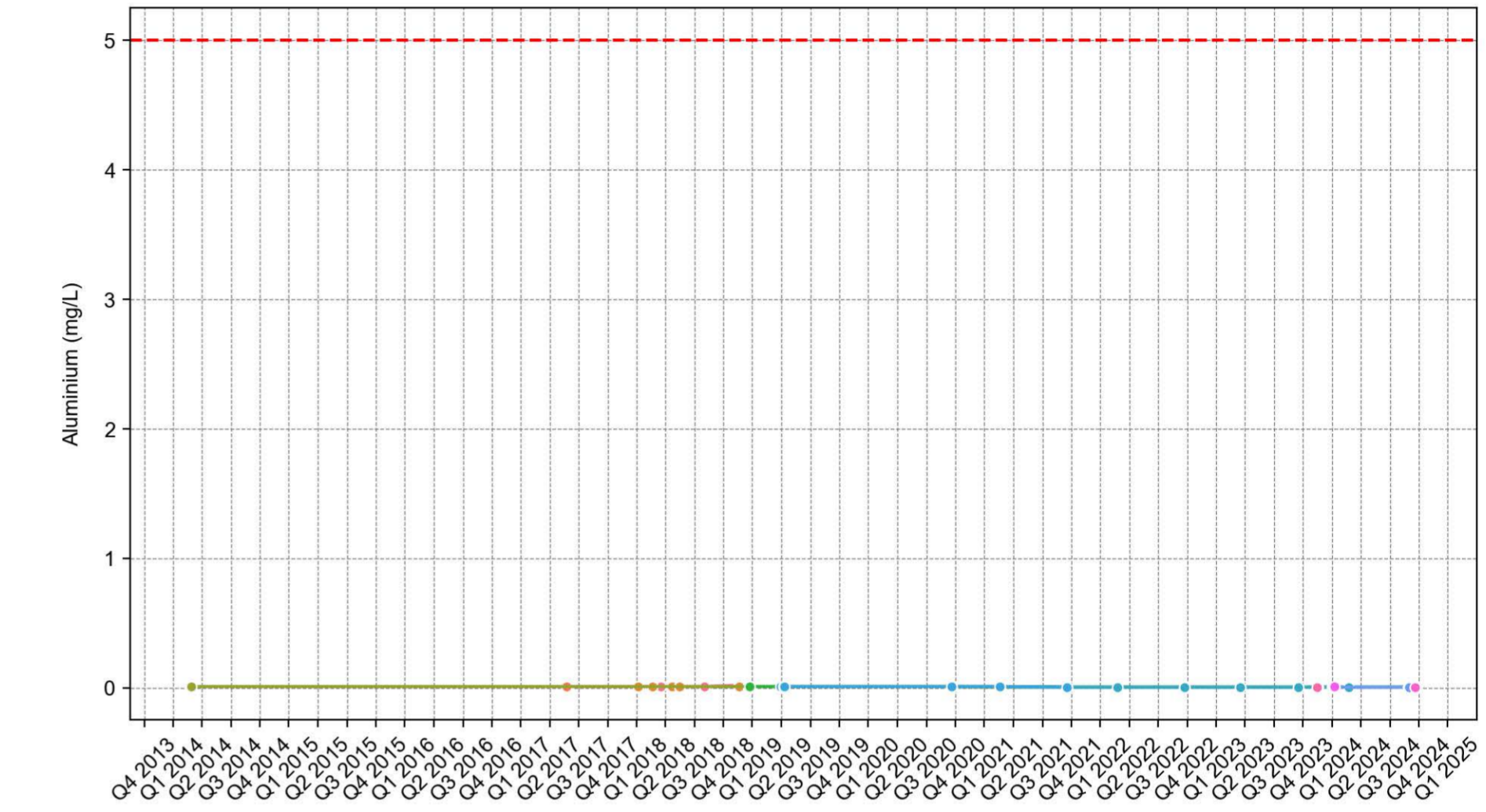
C34 - C40 Fraction



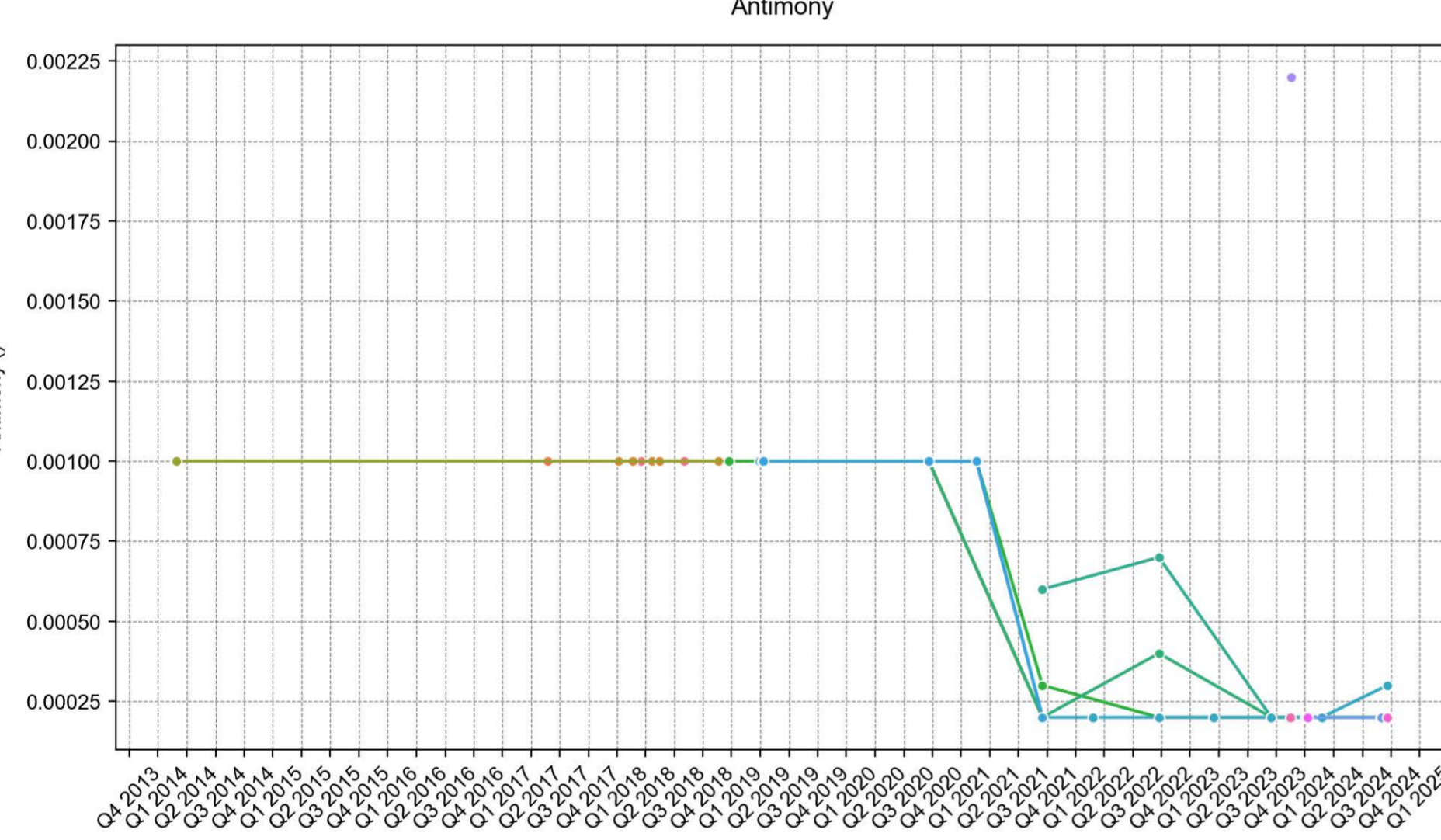
C34 - C40 Fraction (SG)



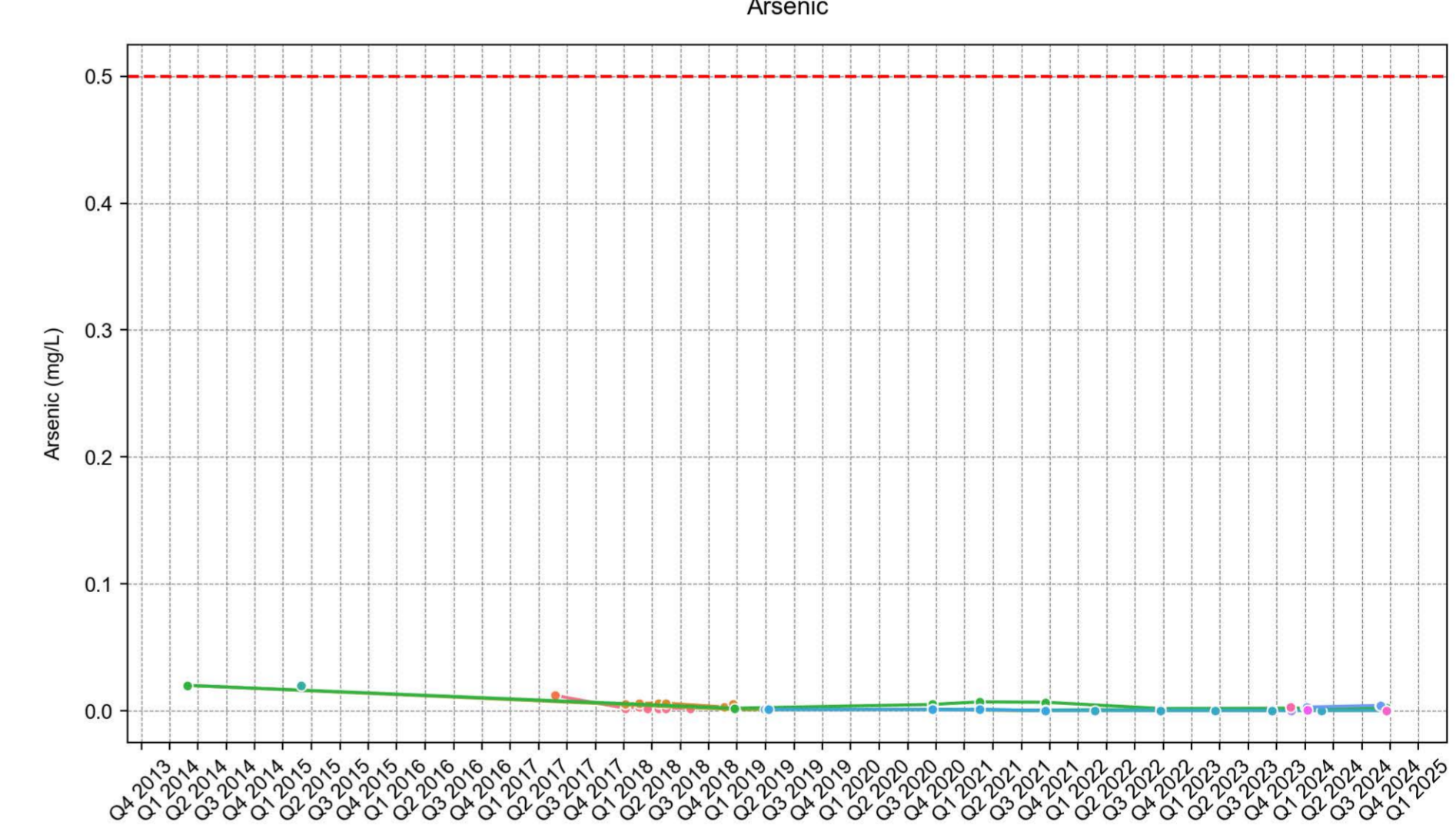
Aluminium



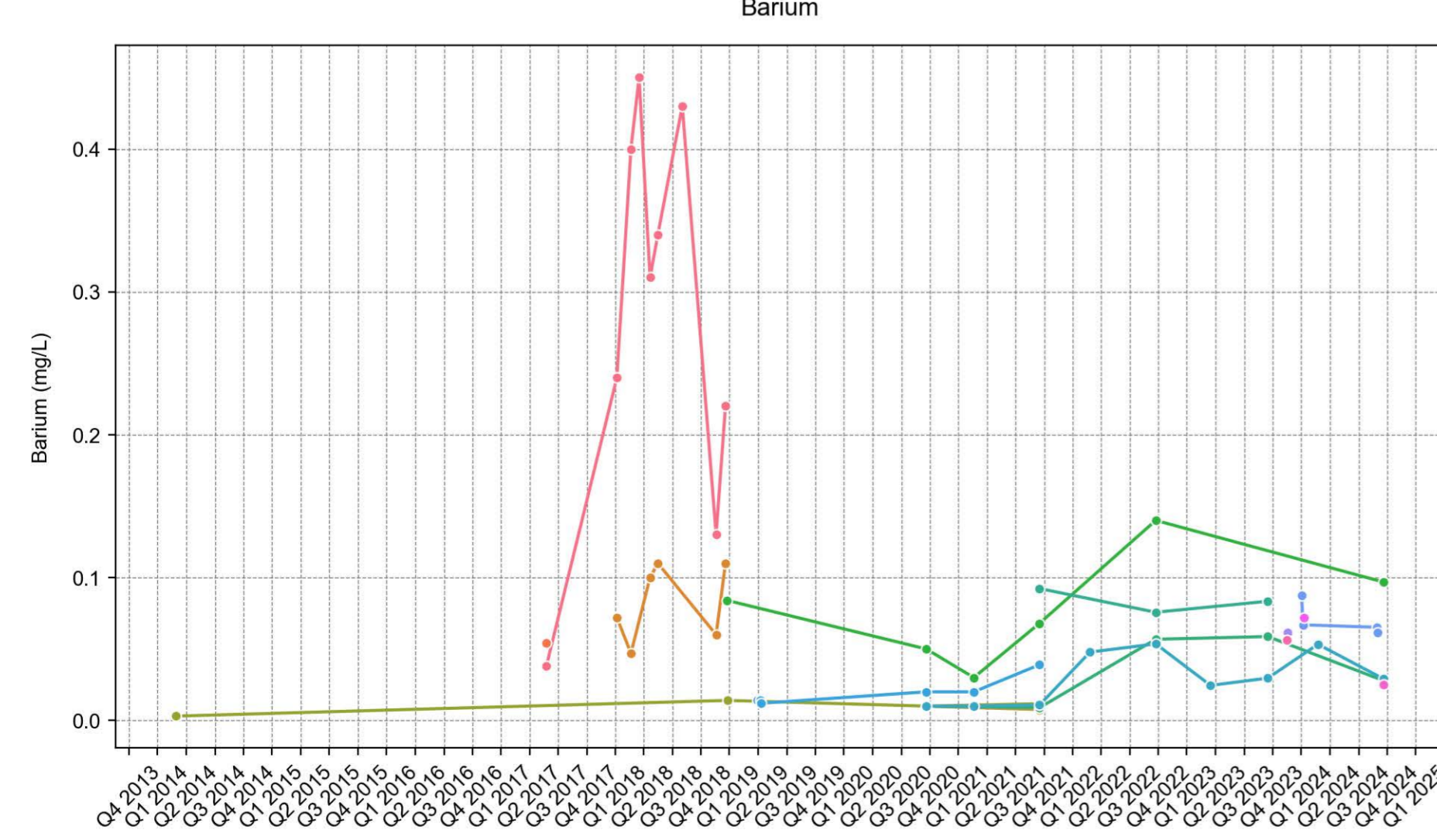
Antimony



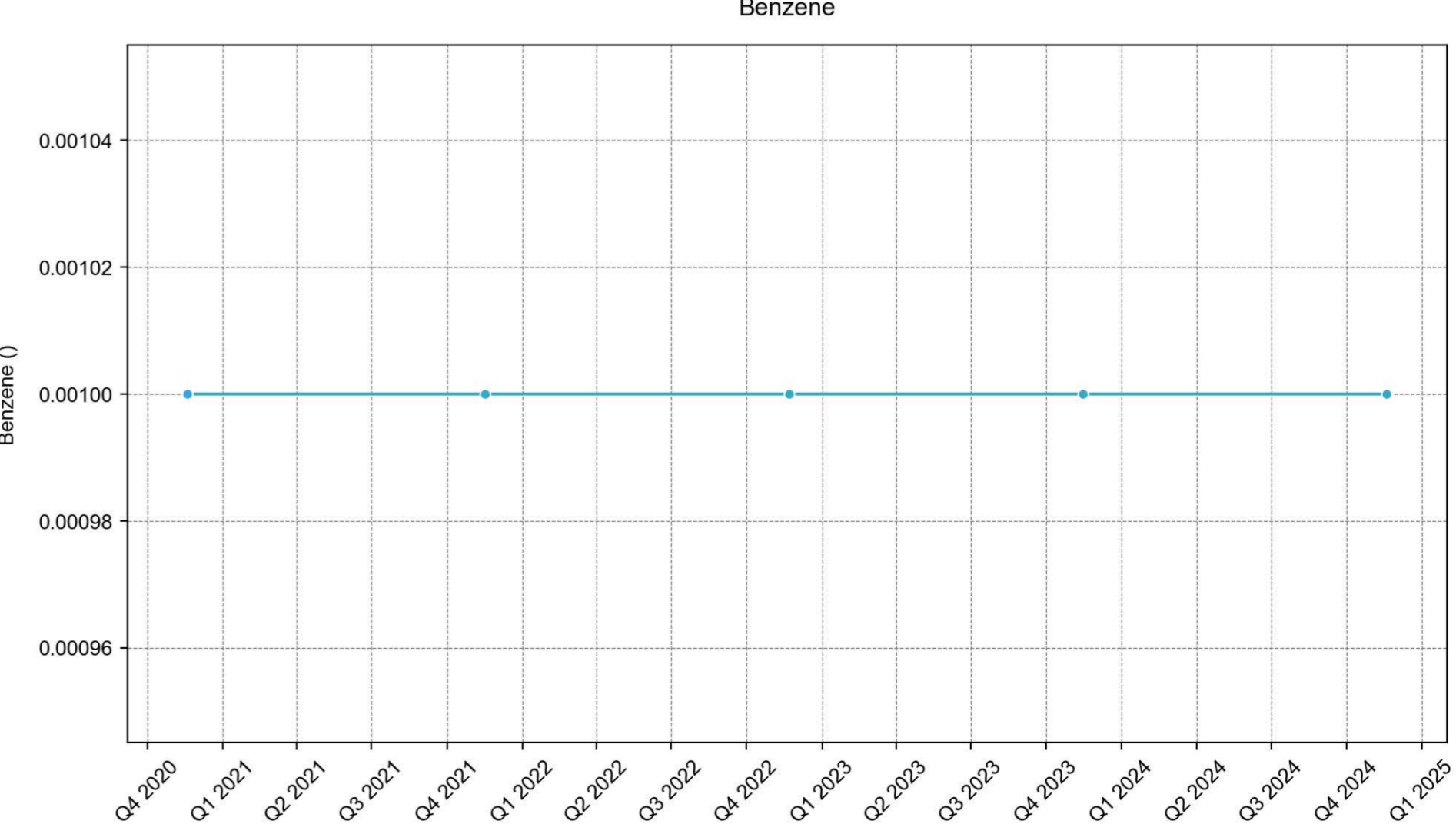
Arsenic



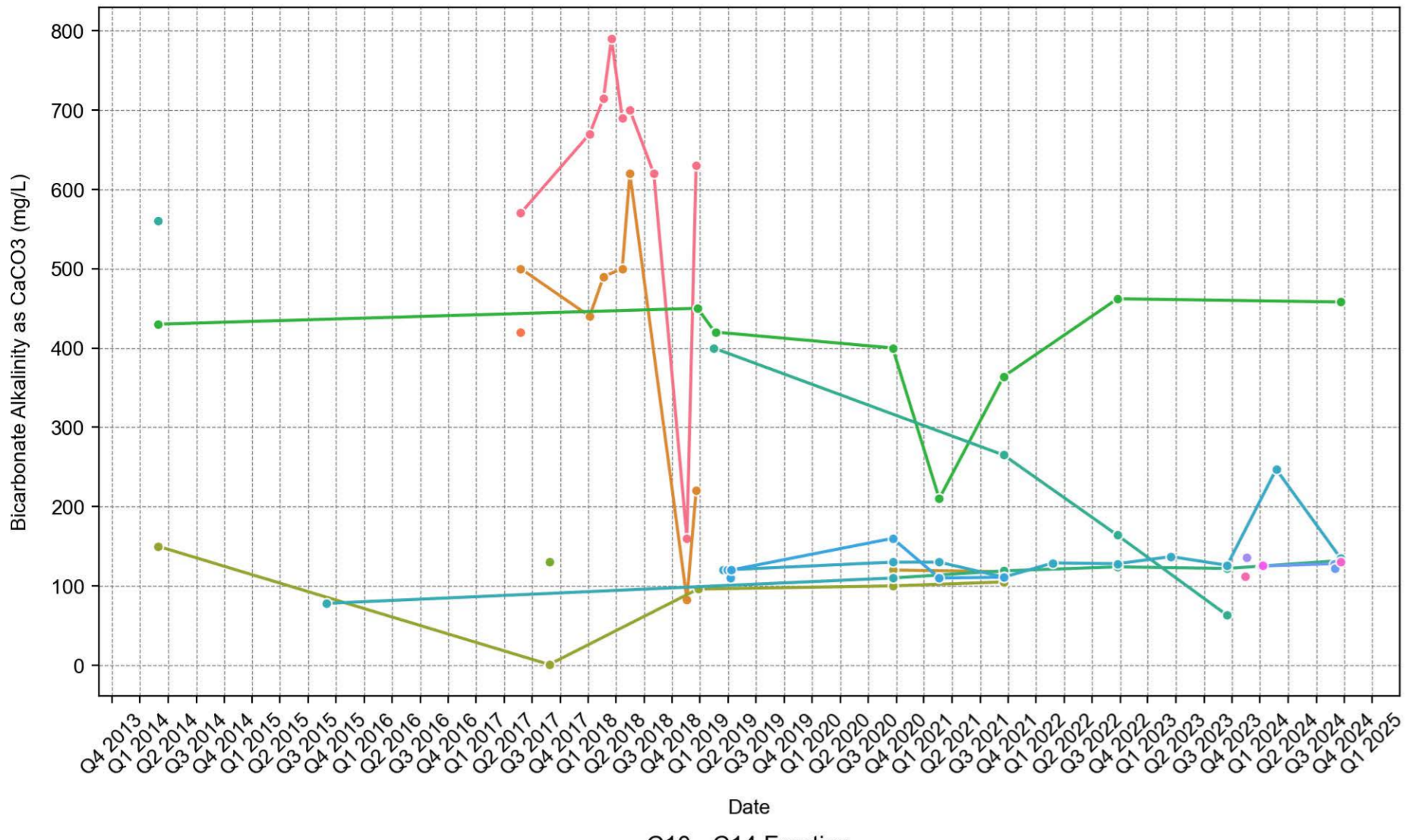
Barium



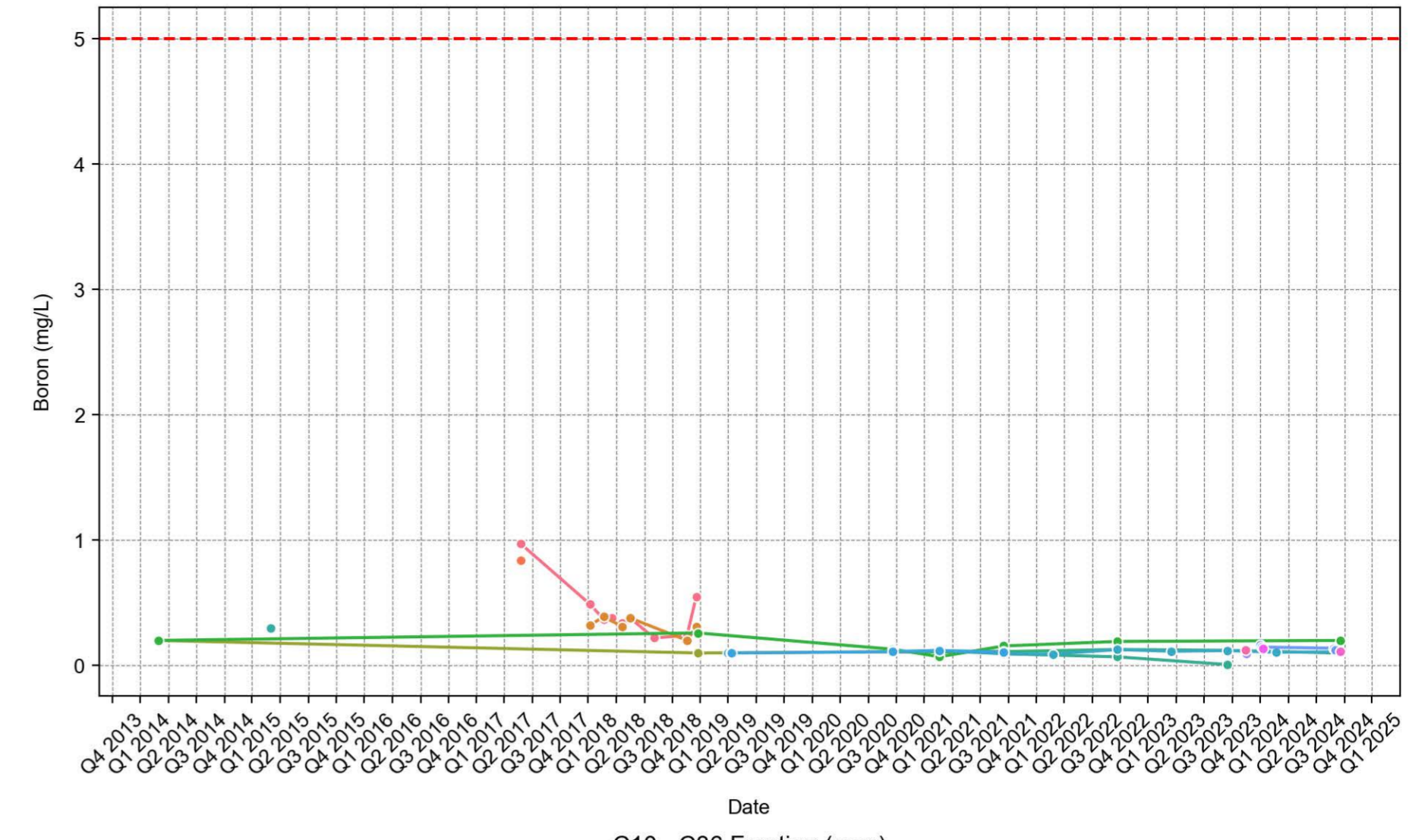
Benzene



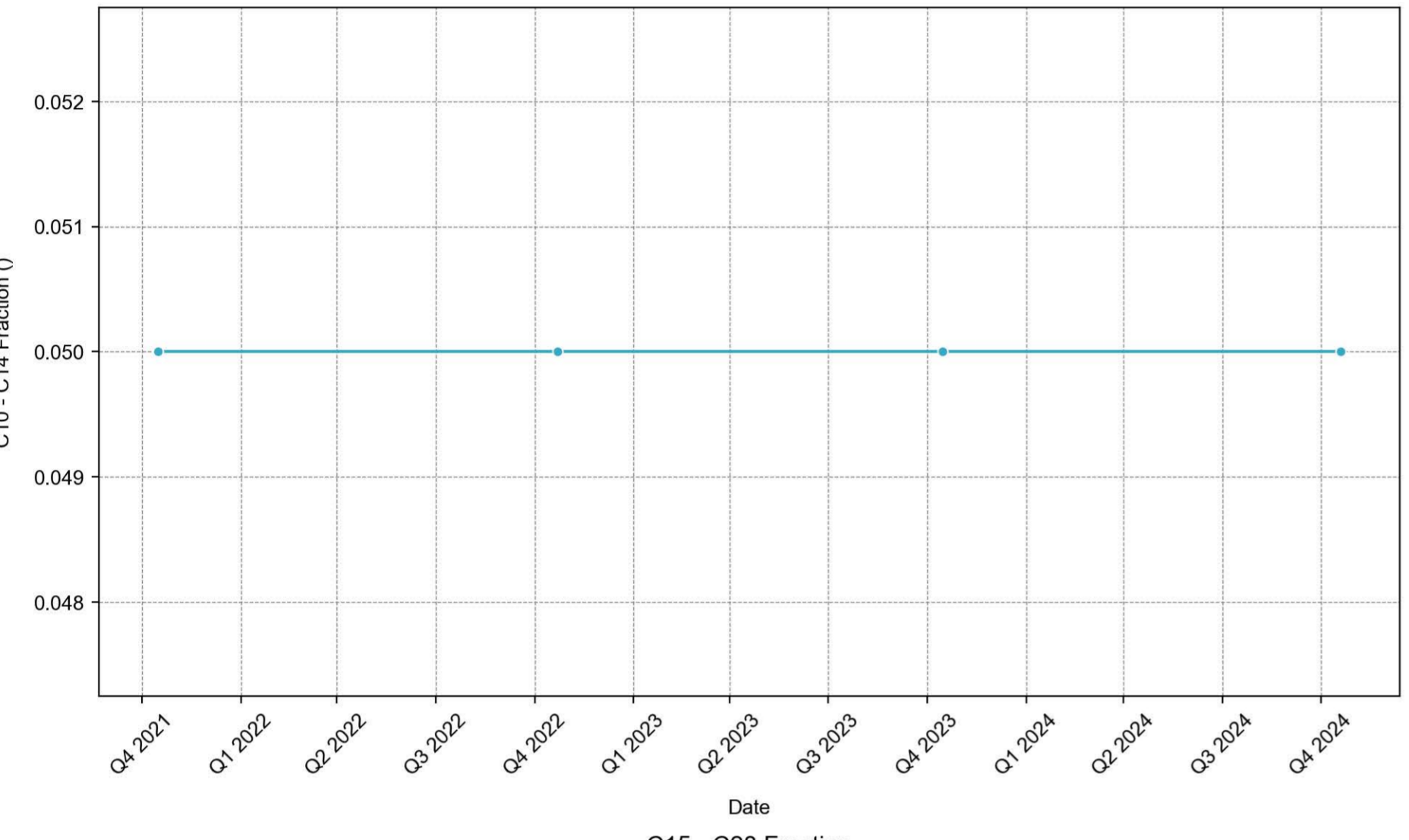
Bicarbonate Alkalinity as CaCO3



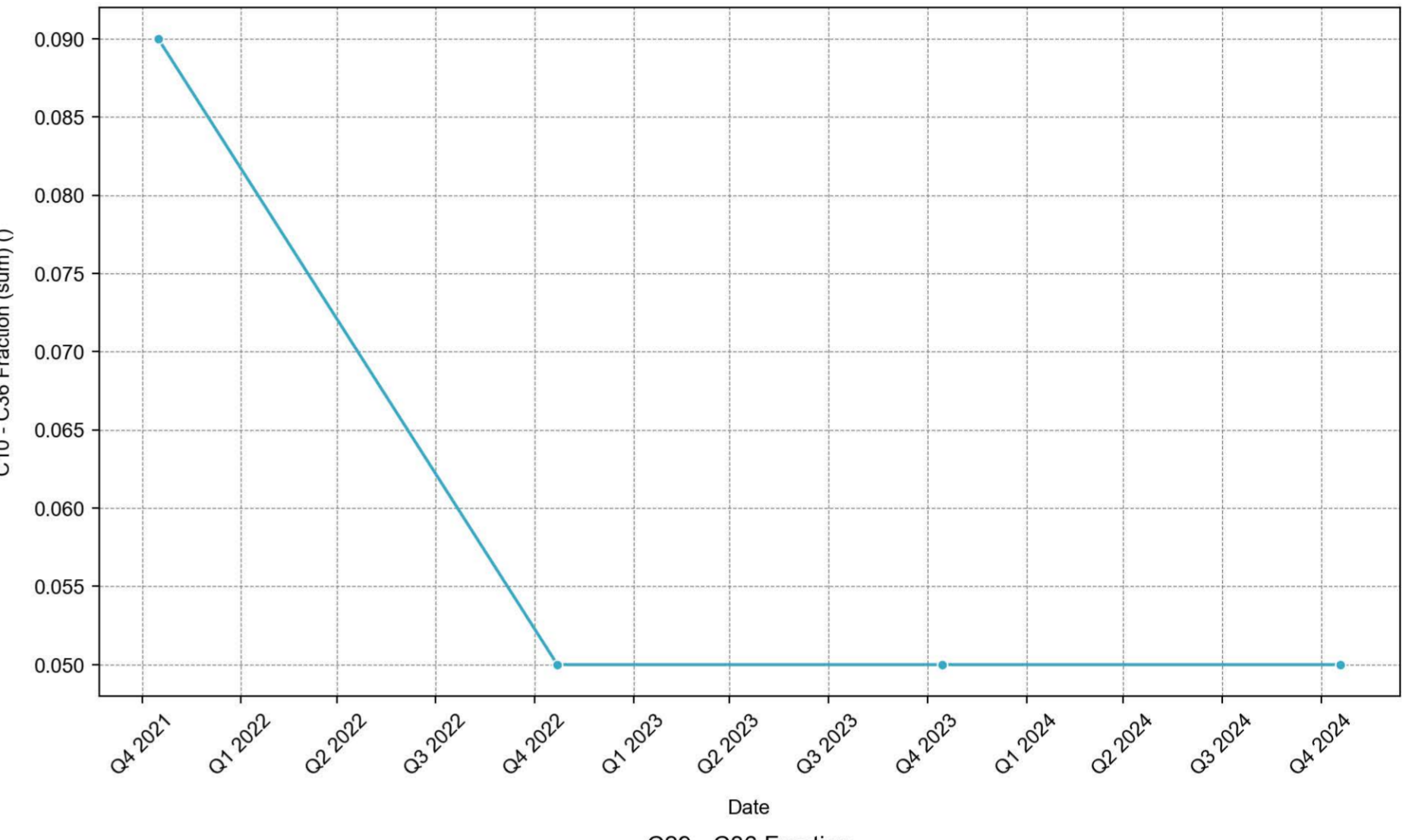
Boron



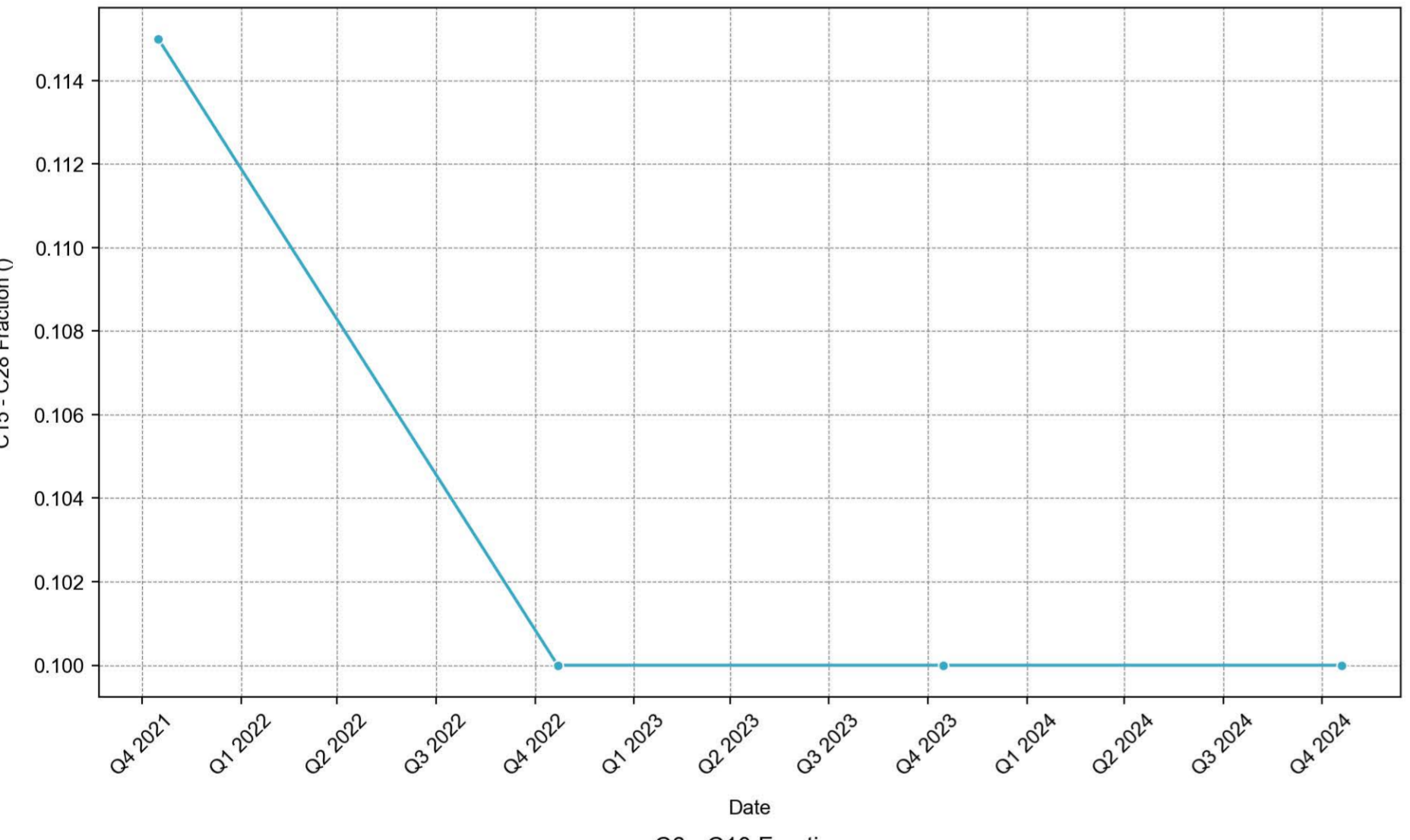
C10 - C14 Fraction



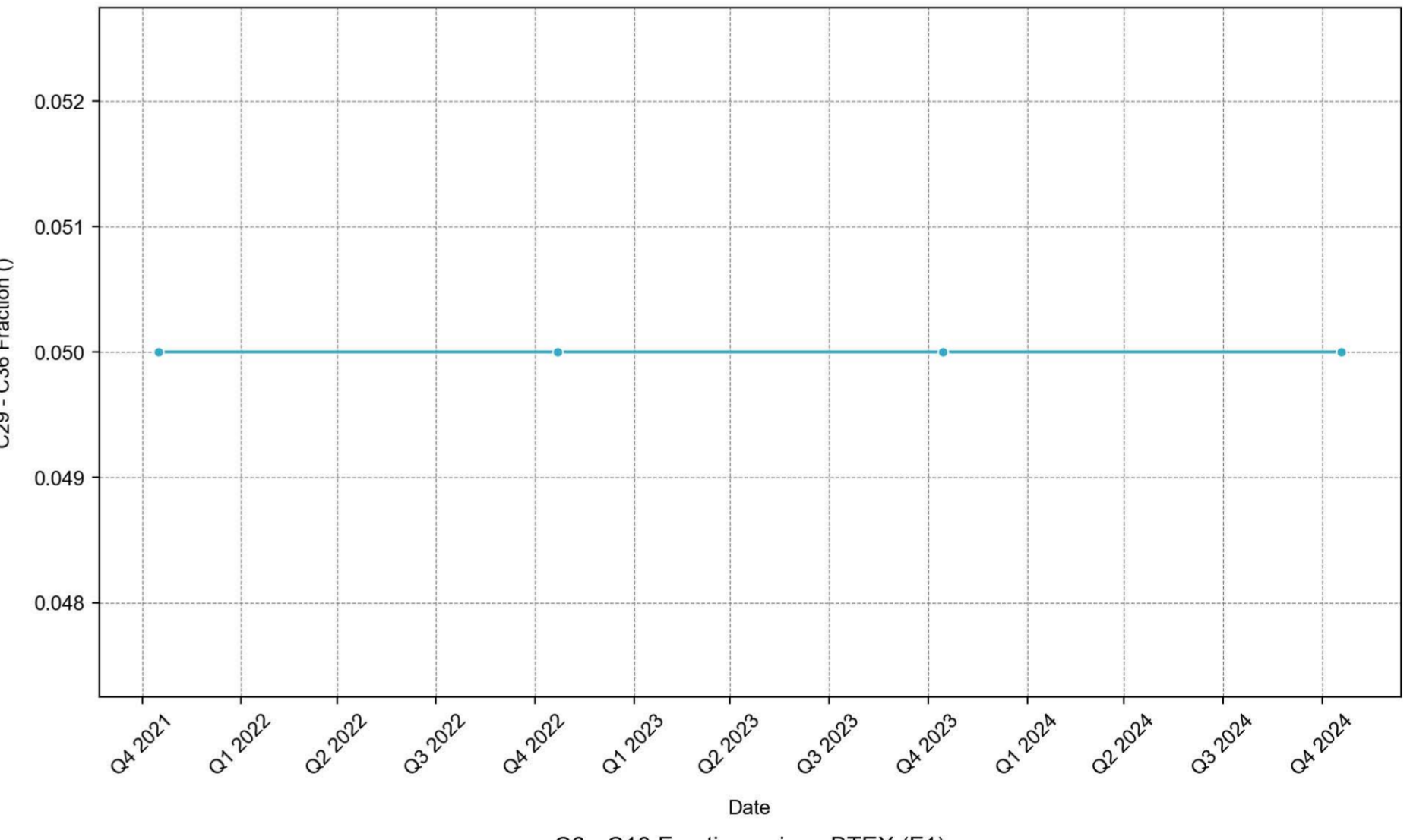
C10 - C36 Fraction (sum)



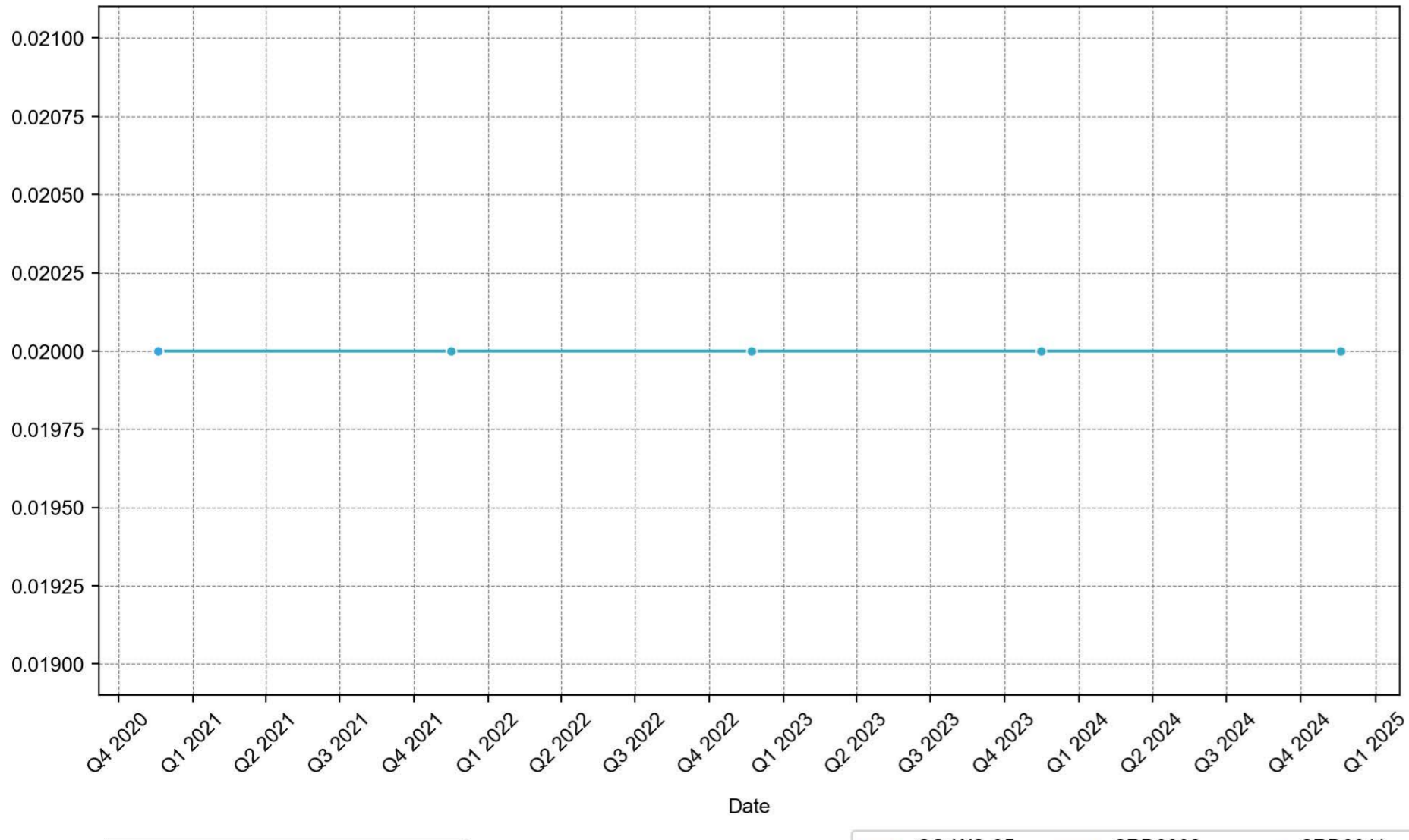
C15 - C28 Fraction



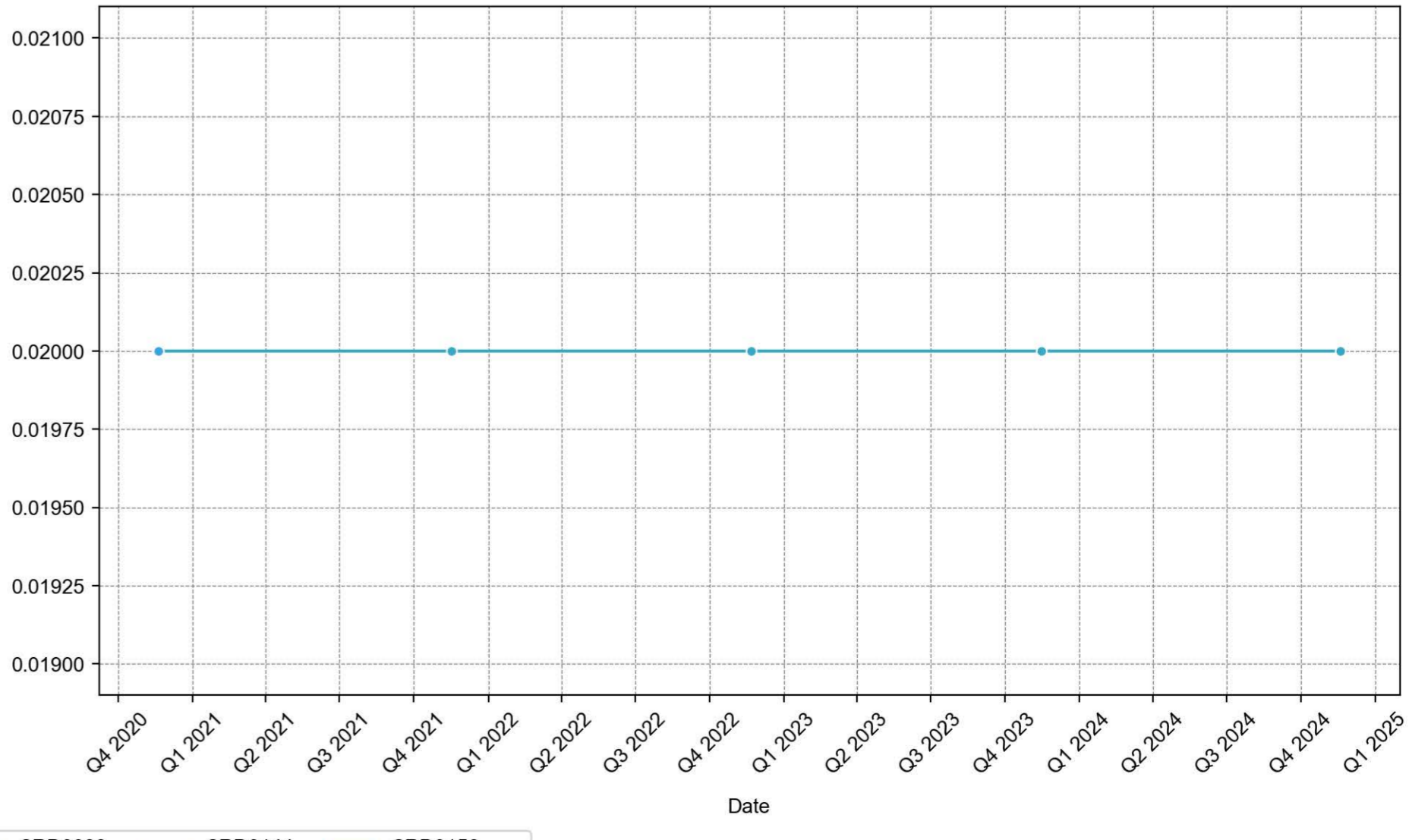
C29 - C36 Fraction



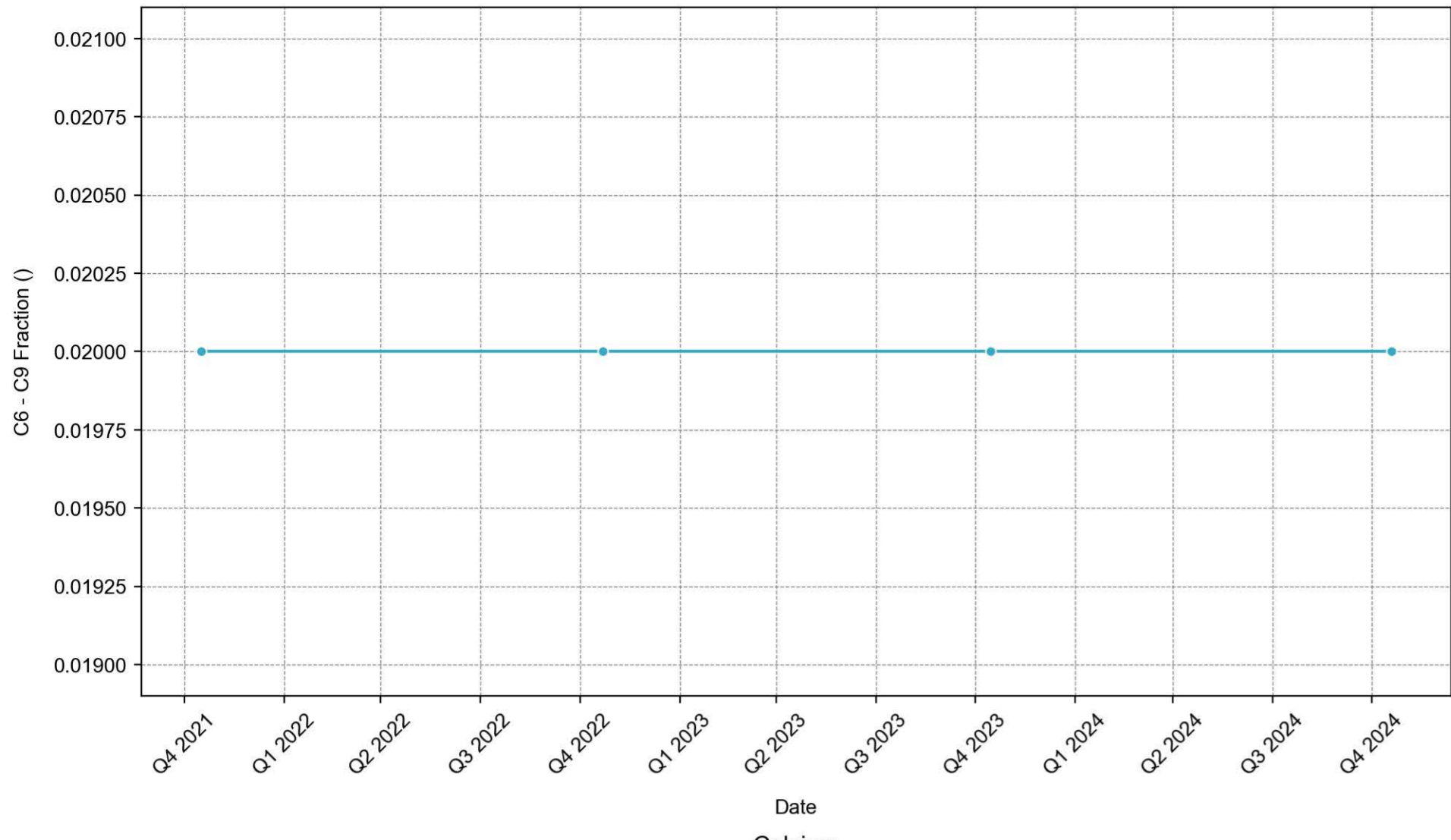
C6 - C10 Fraction



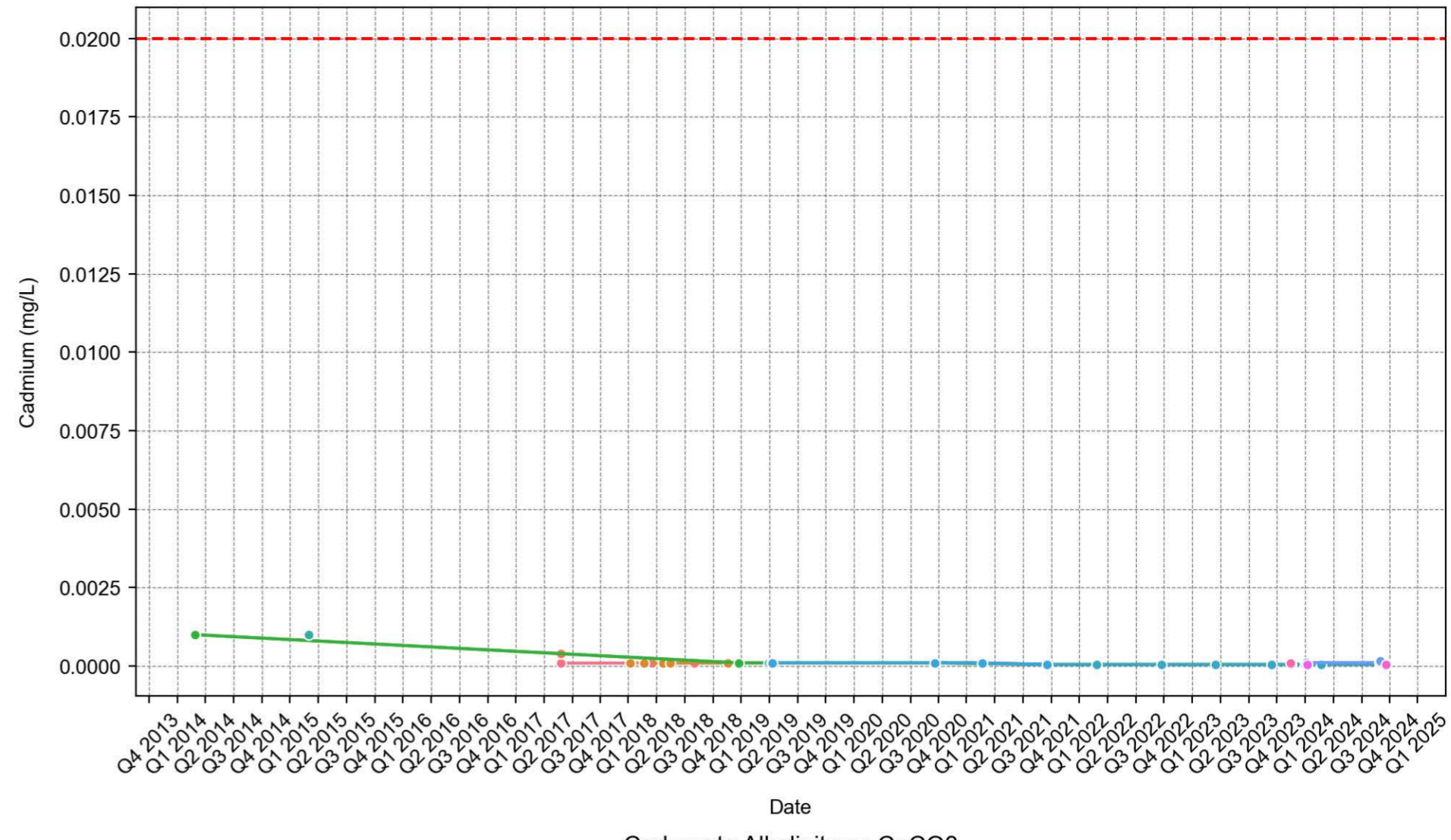
C6 - C10 Fraction minus BTEX (F1)



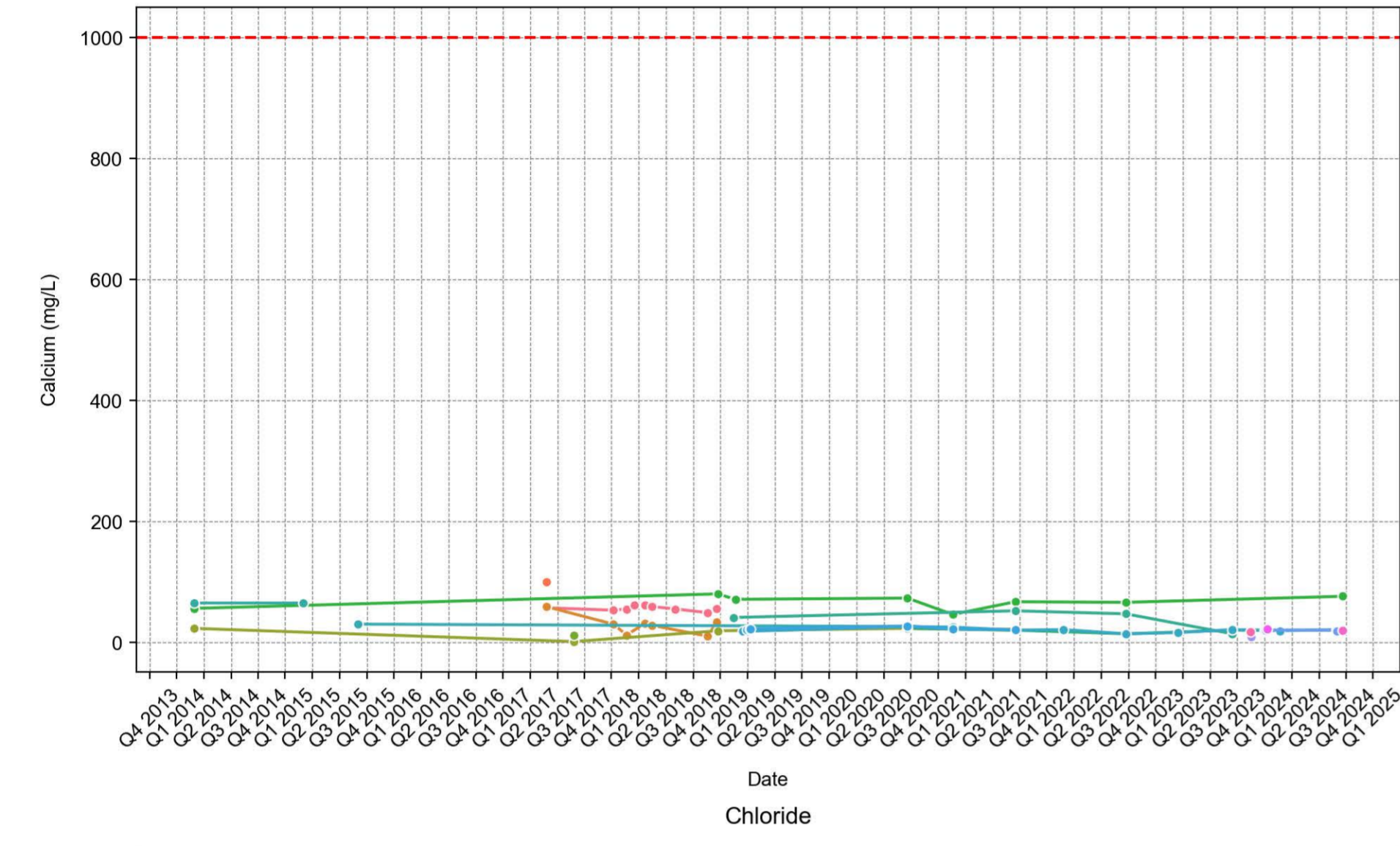
C6 - C9 Fraction



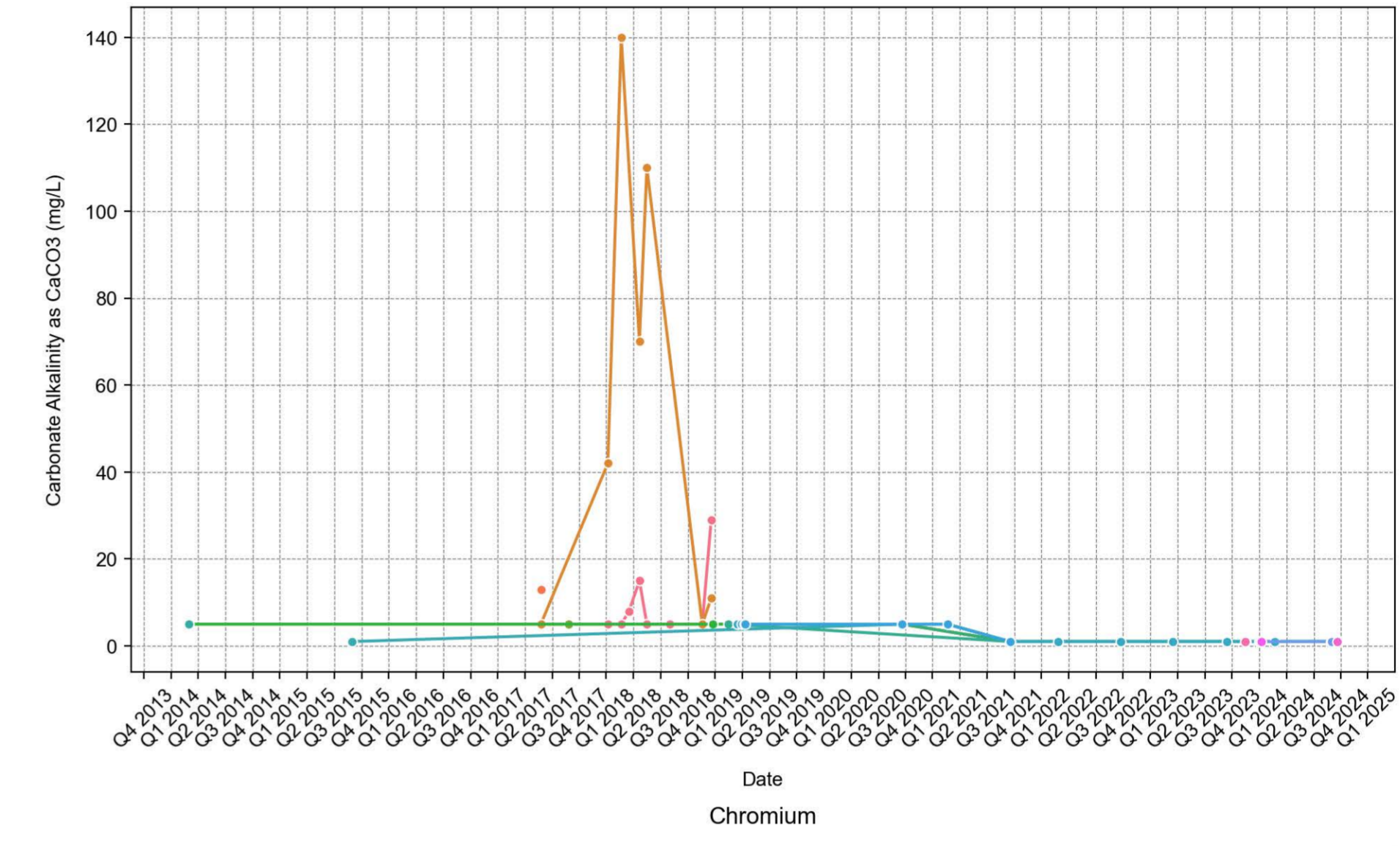
Cadmium



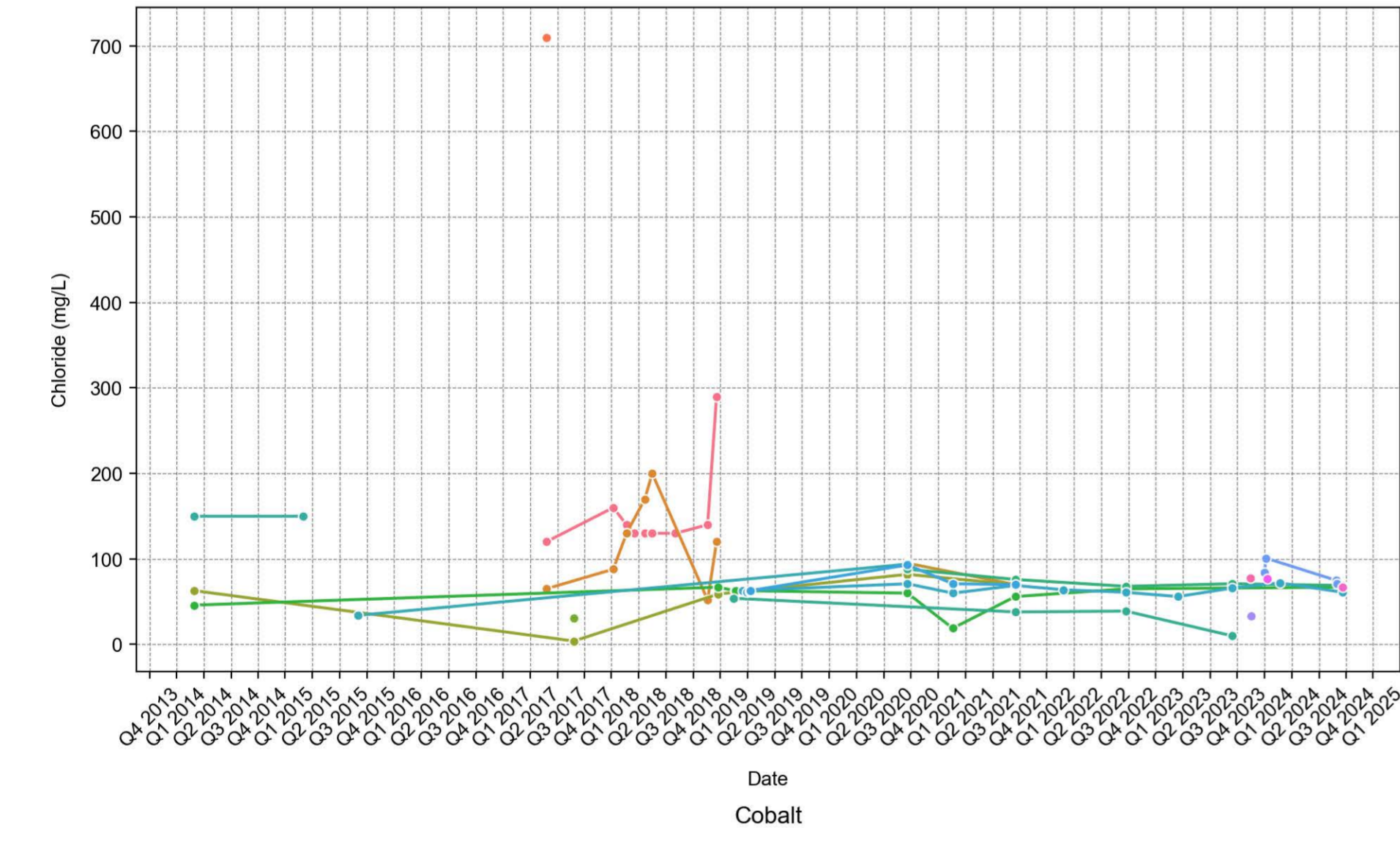
Calcium



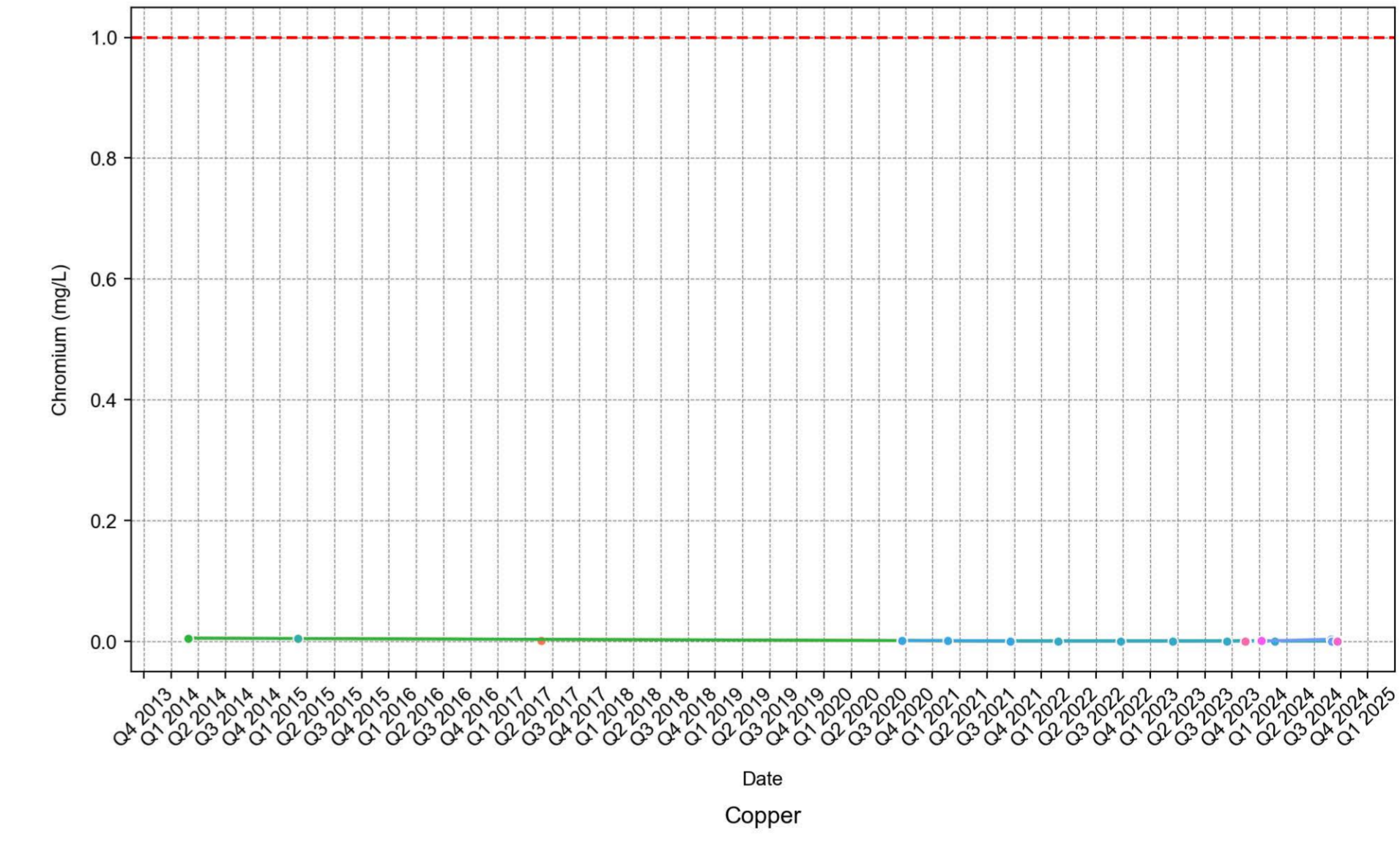
Carbonate Alkalinity as CaCO3



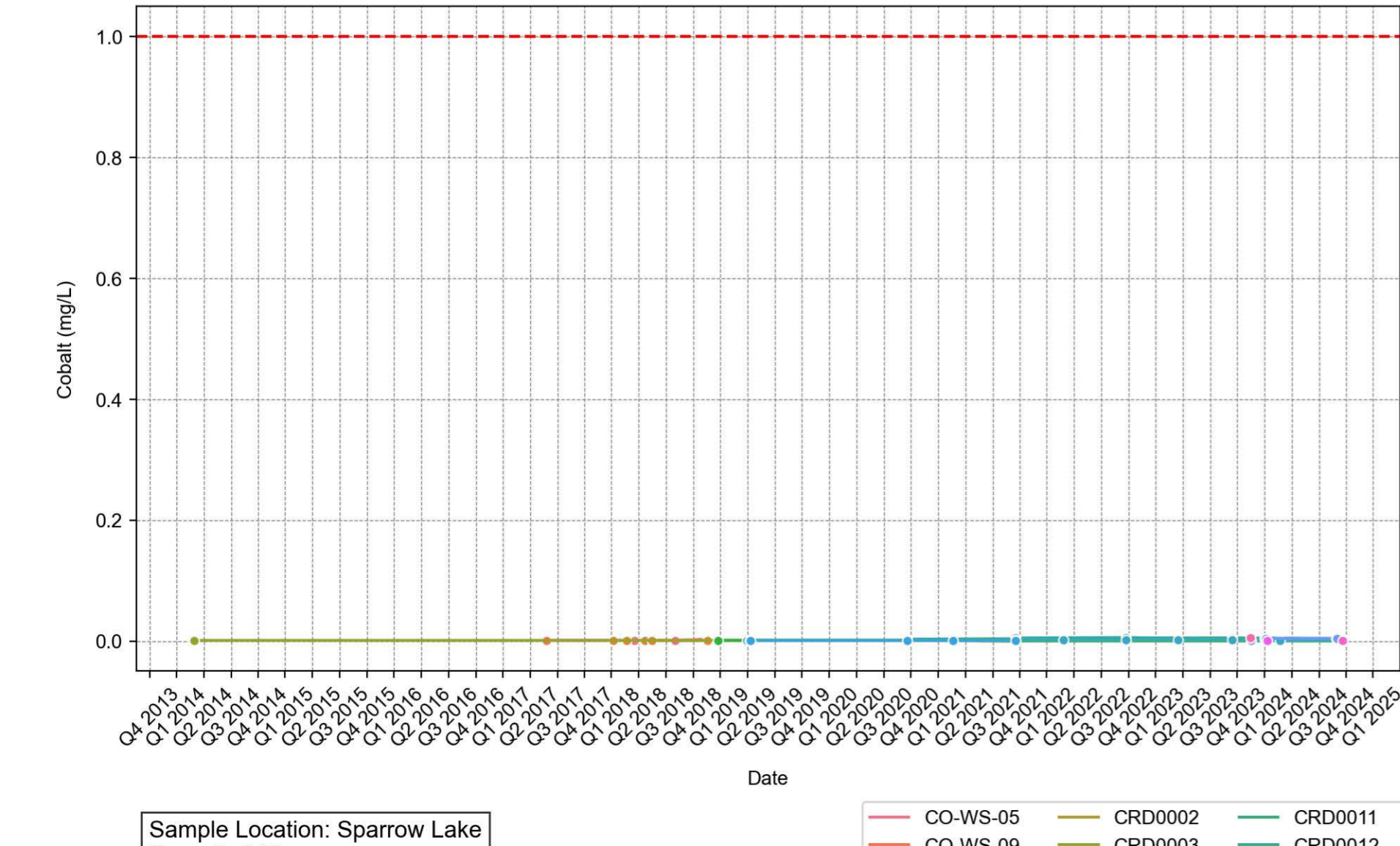
Chloride



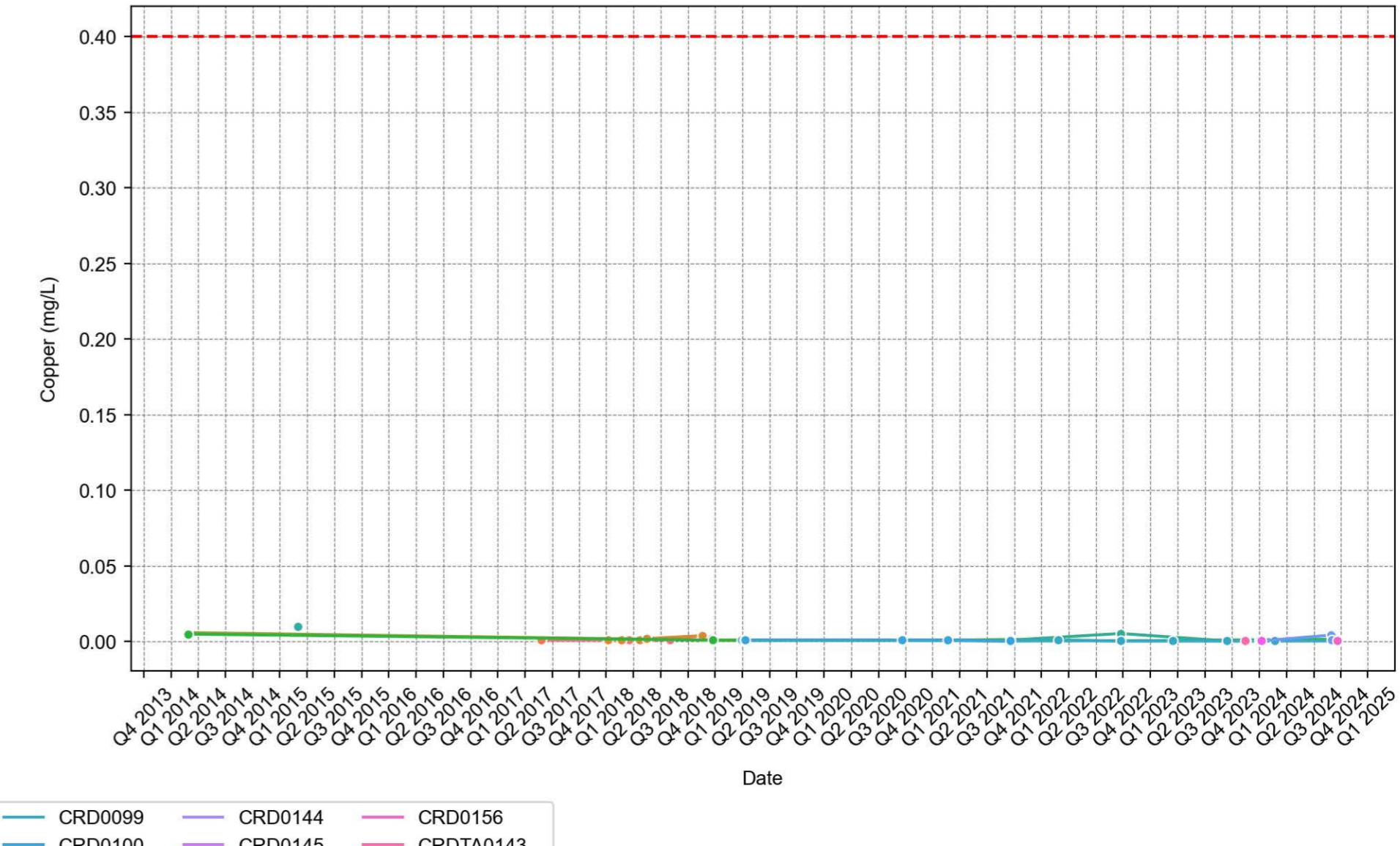
Chromium



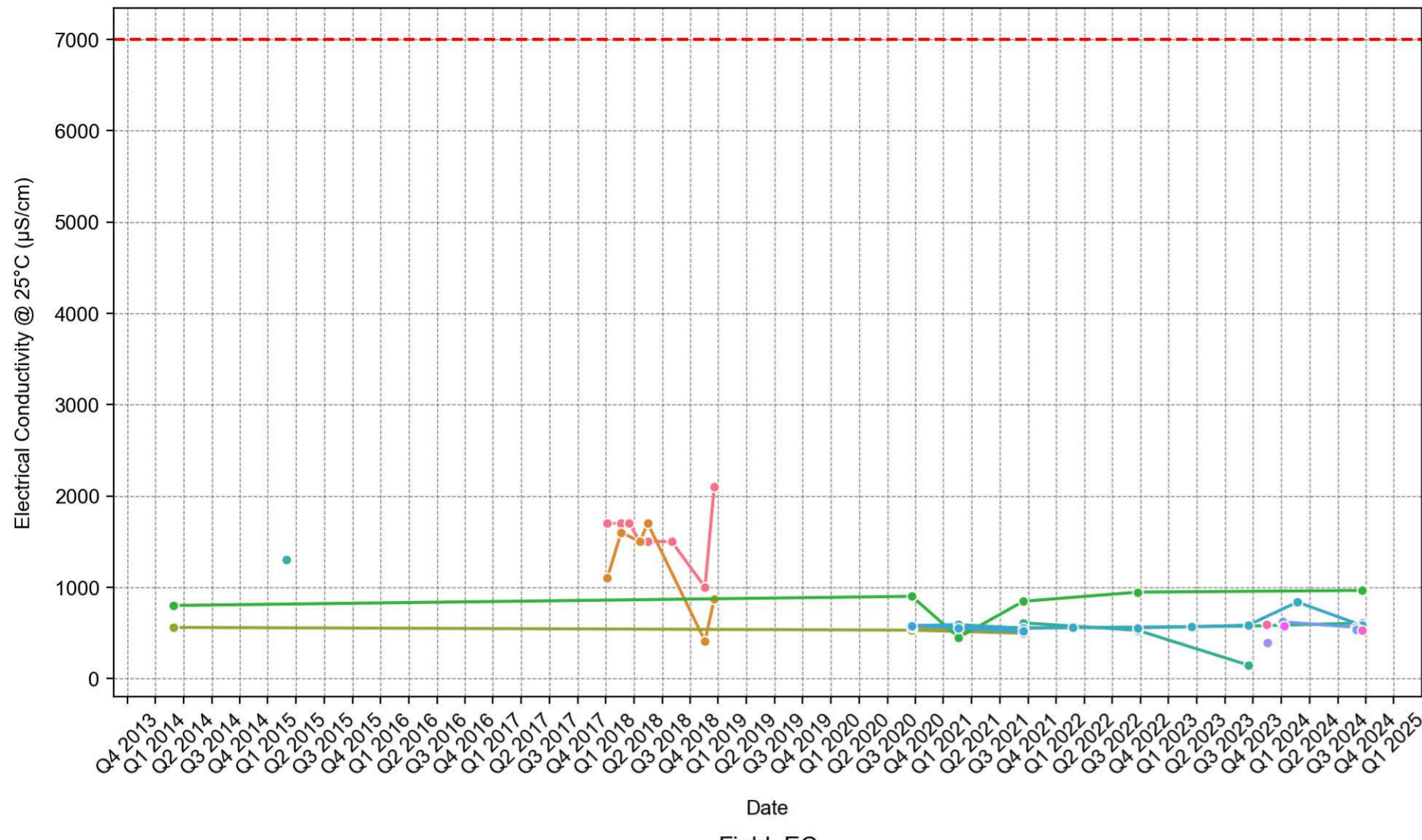
Cobalt



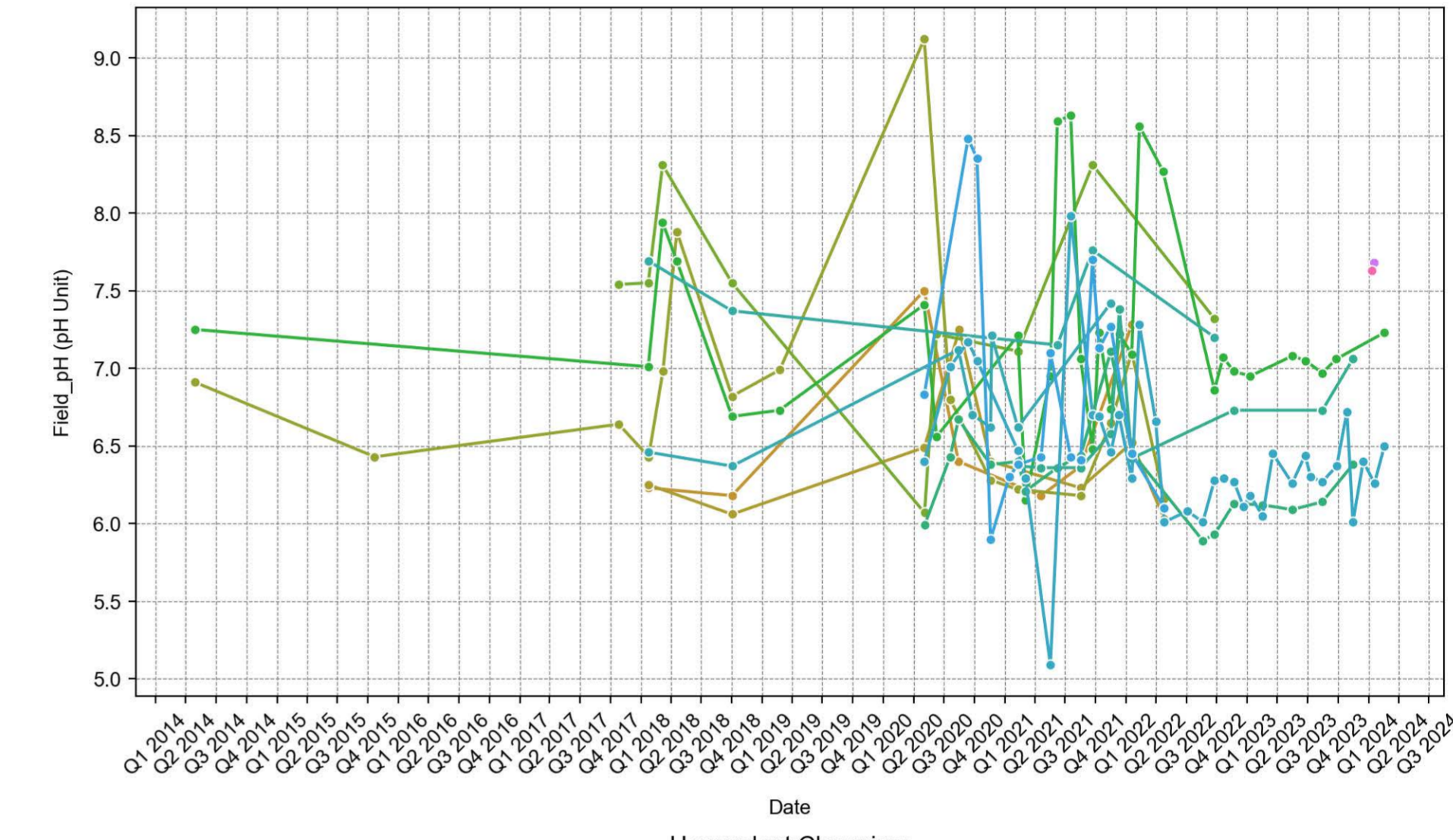
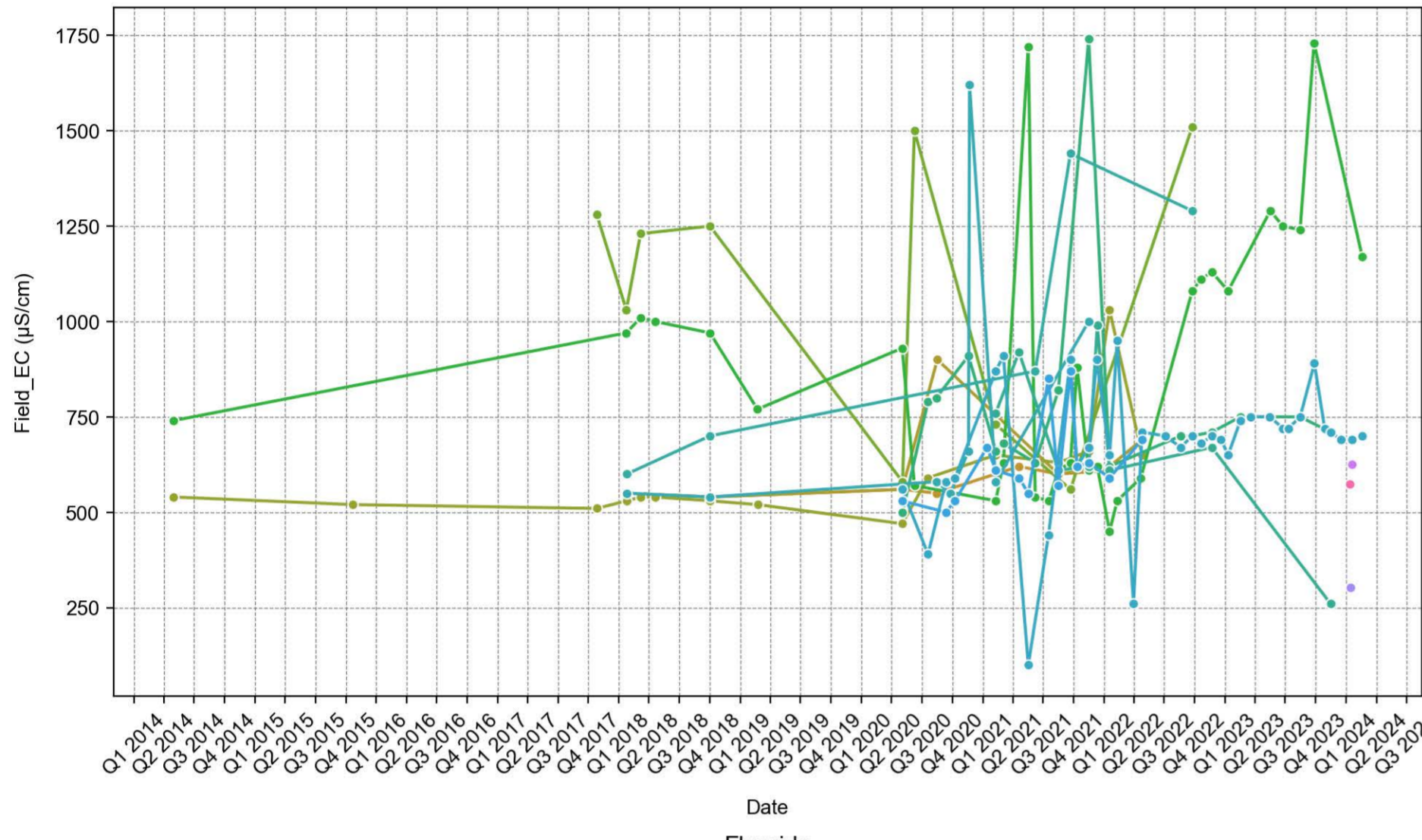
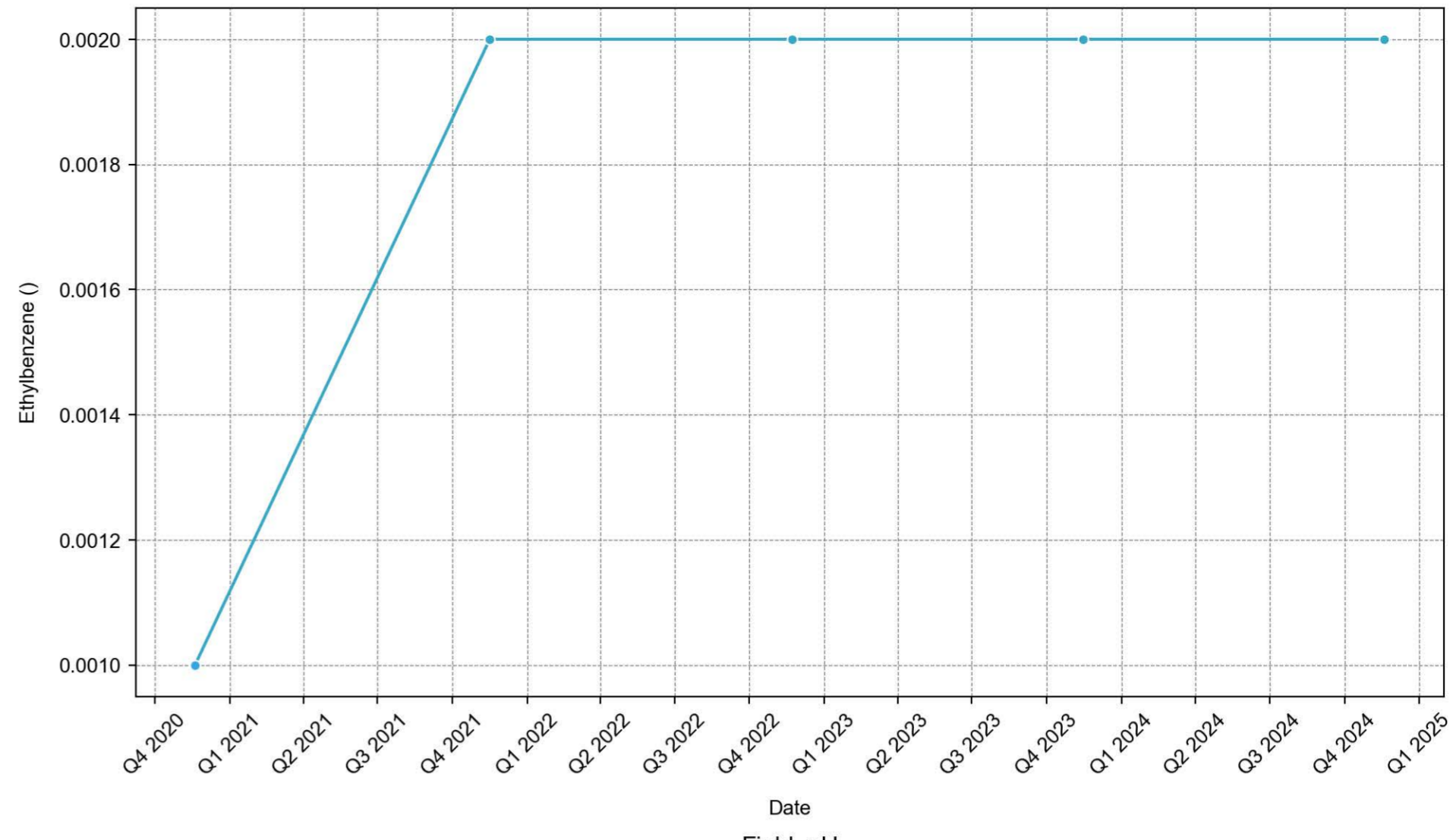
Copper



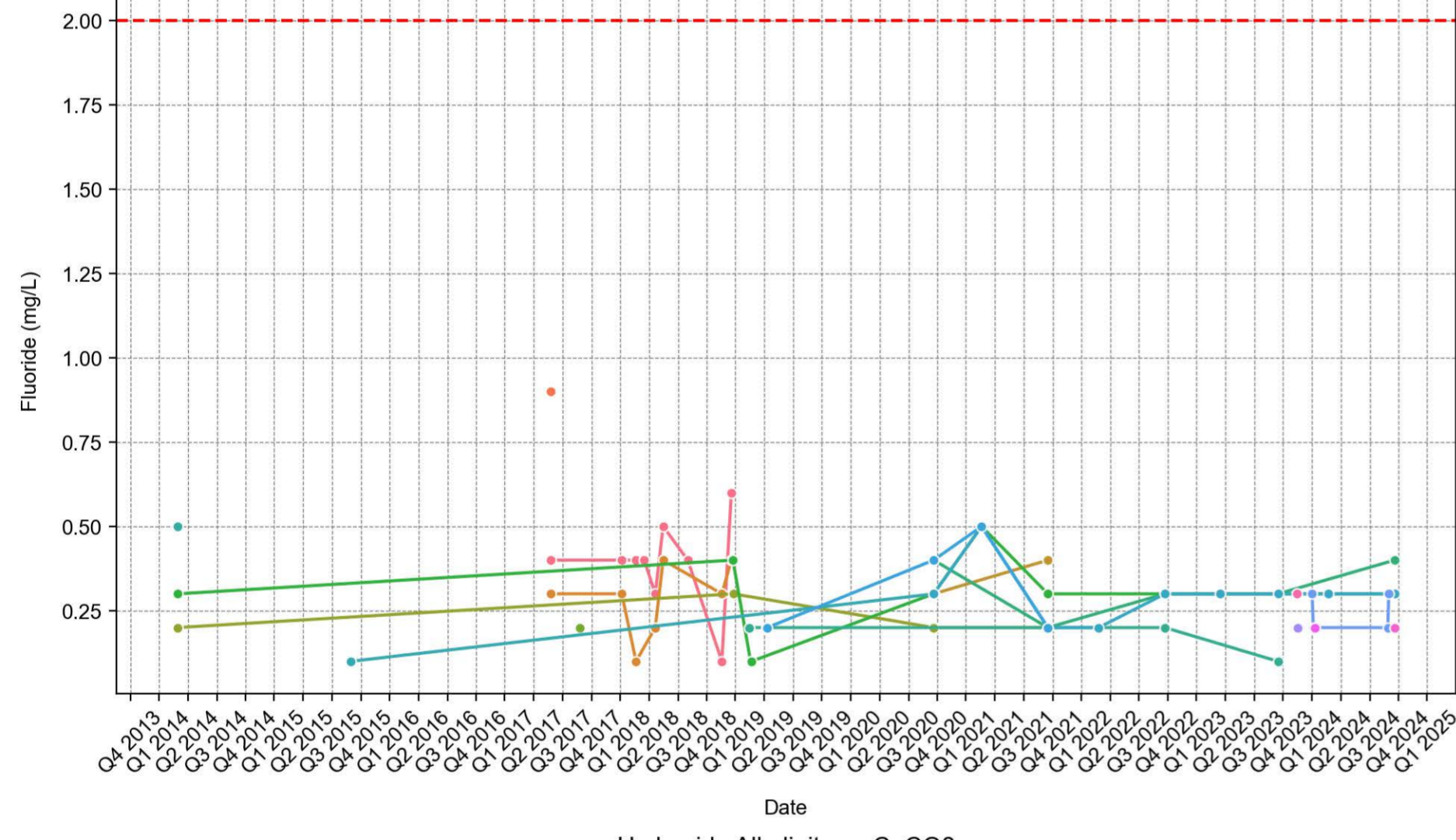
Electrical Conductivity @ 25°C



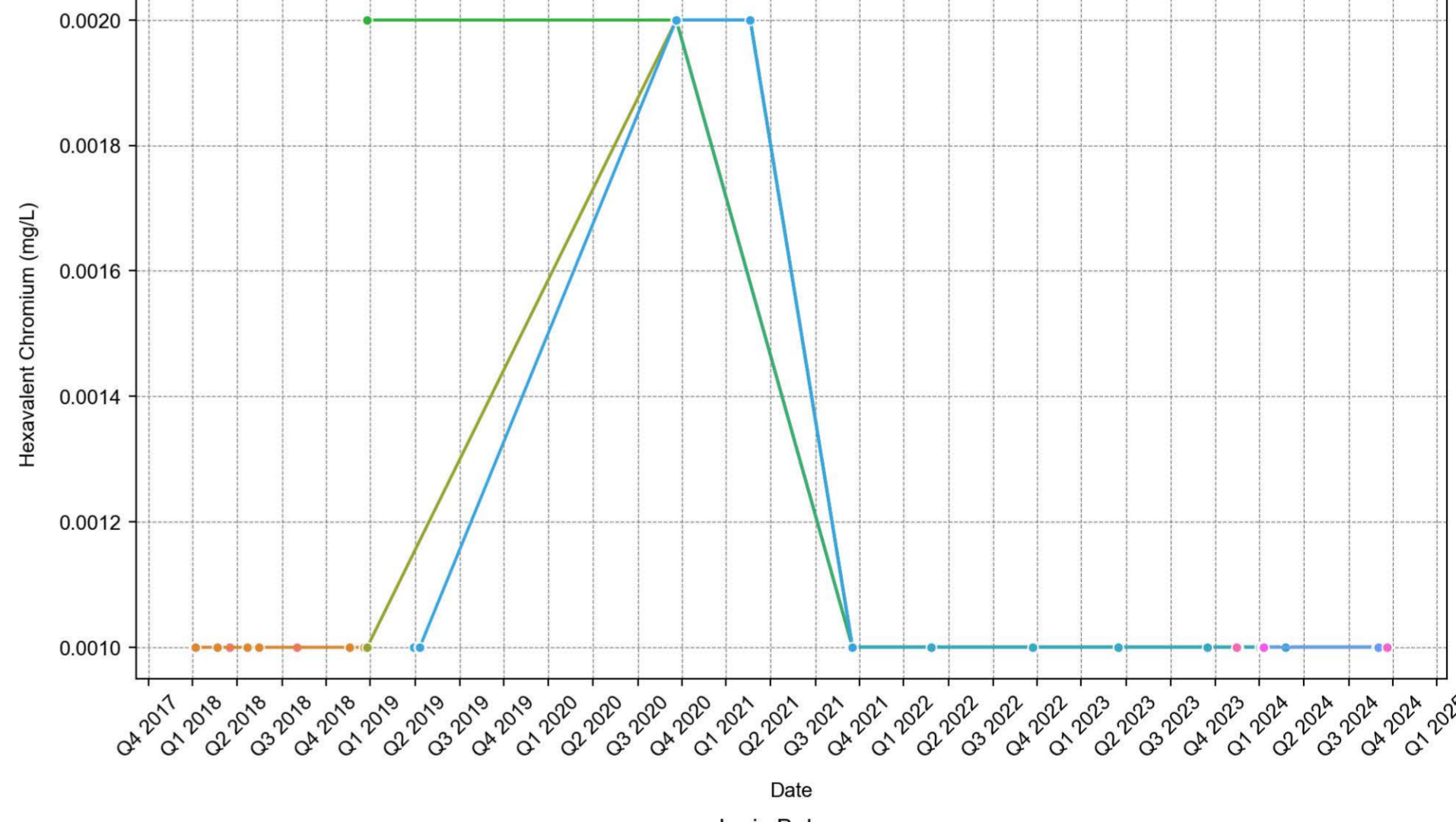
Ethylbenzene



Fluoride



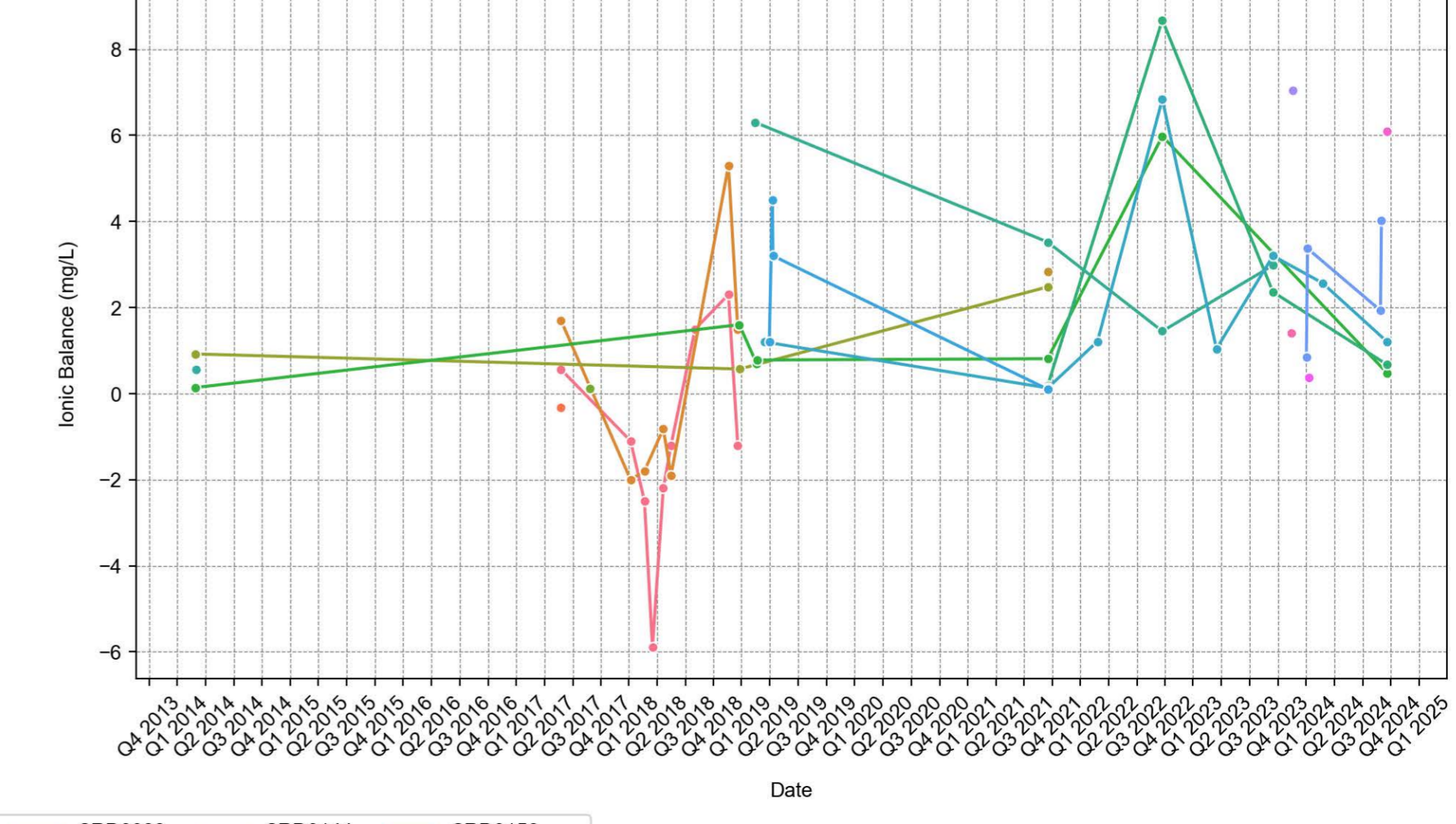
Hexavalent Chromium



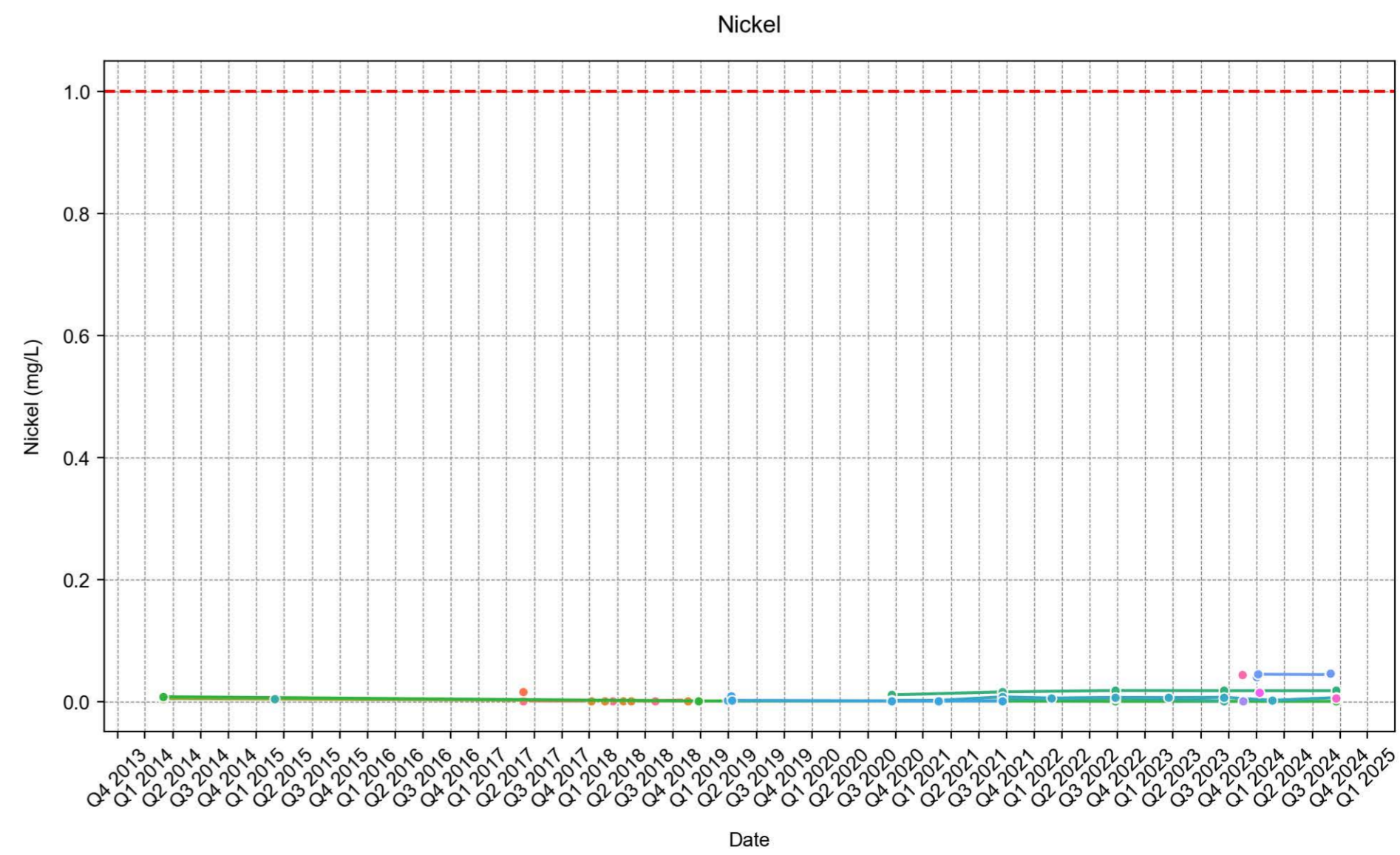
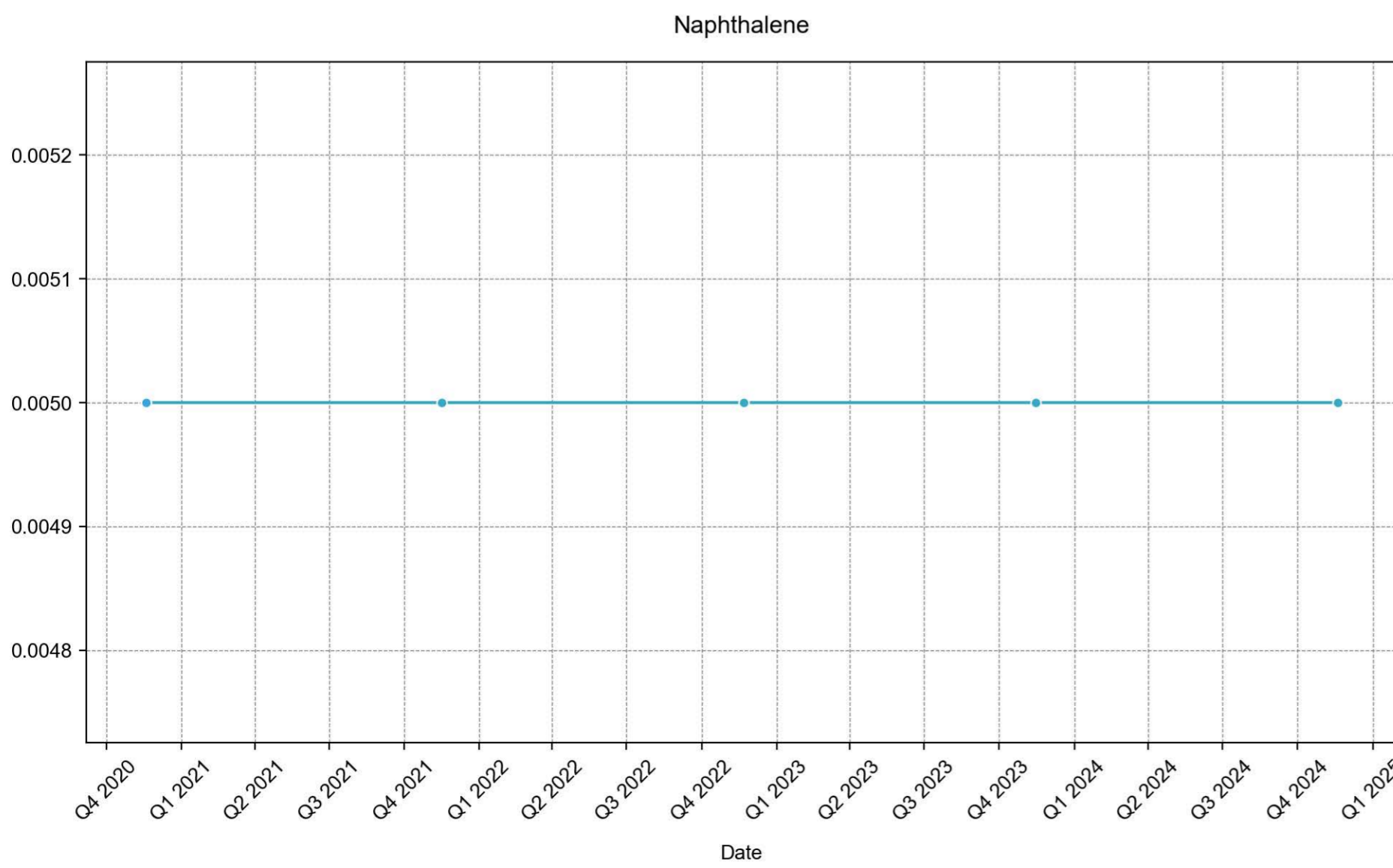
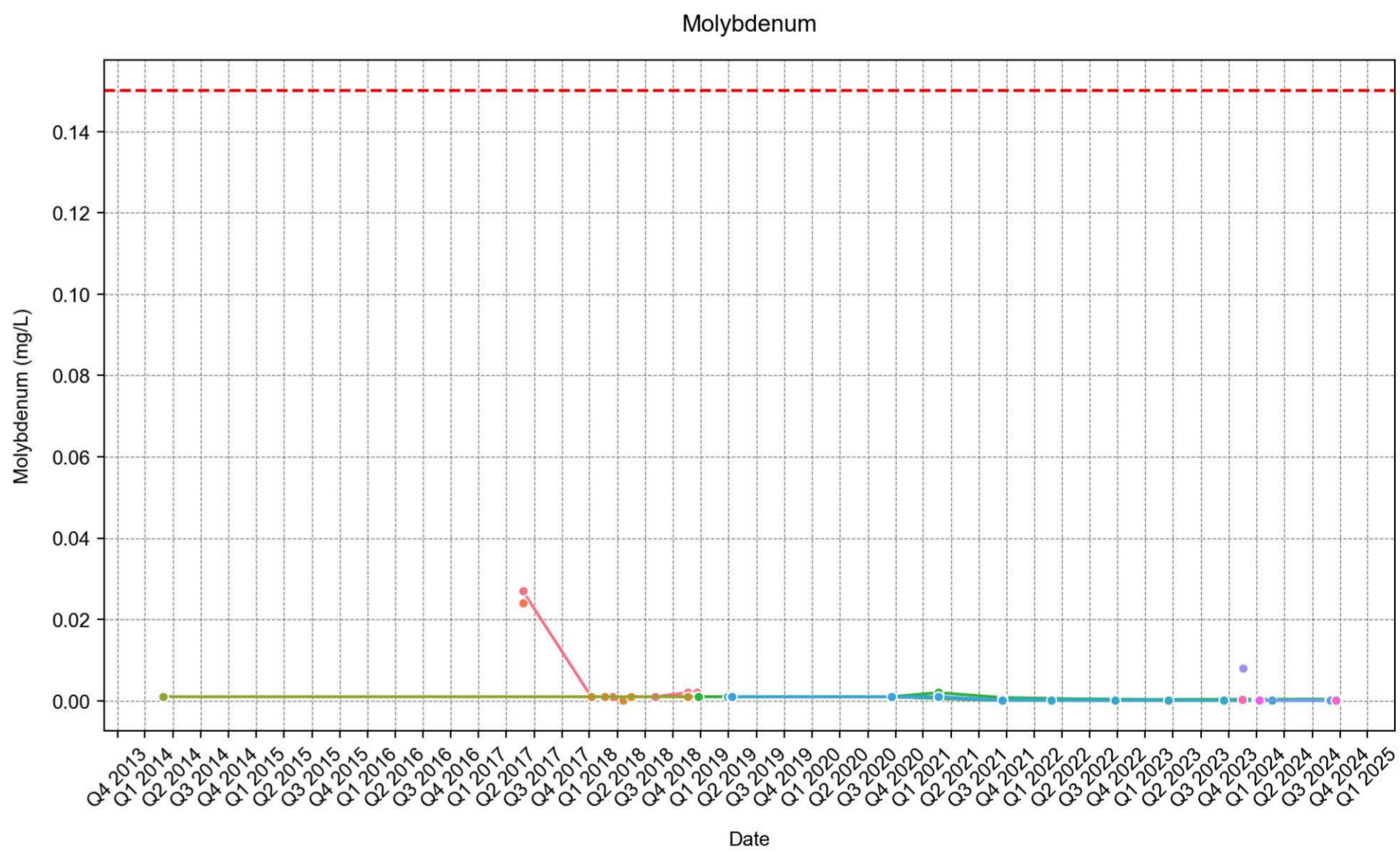
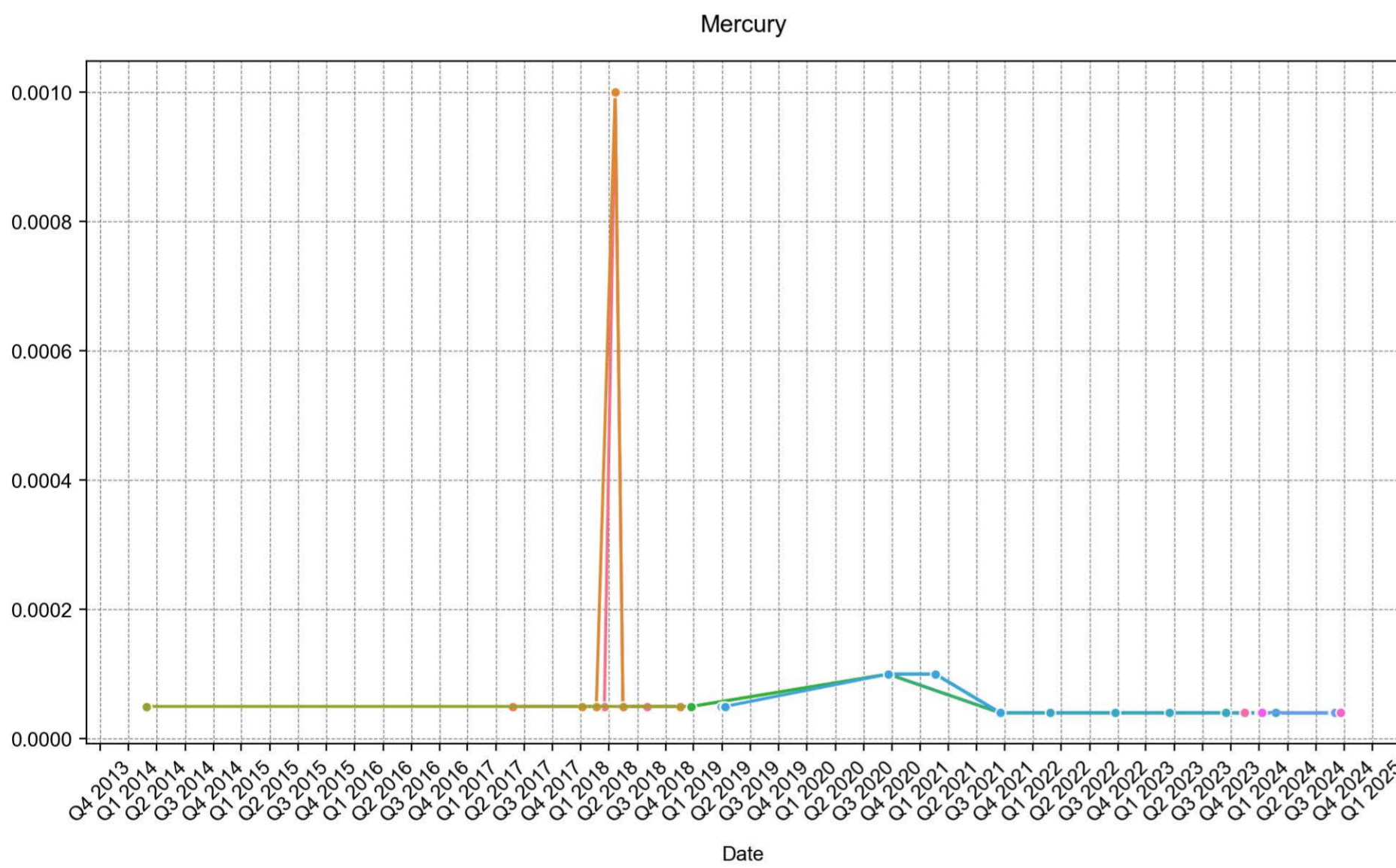
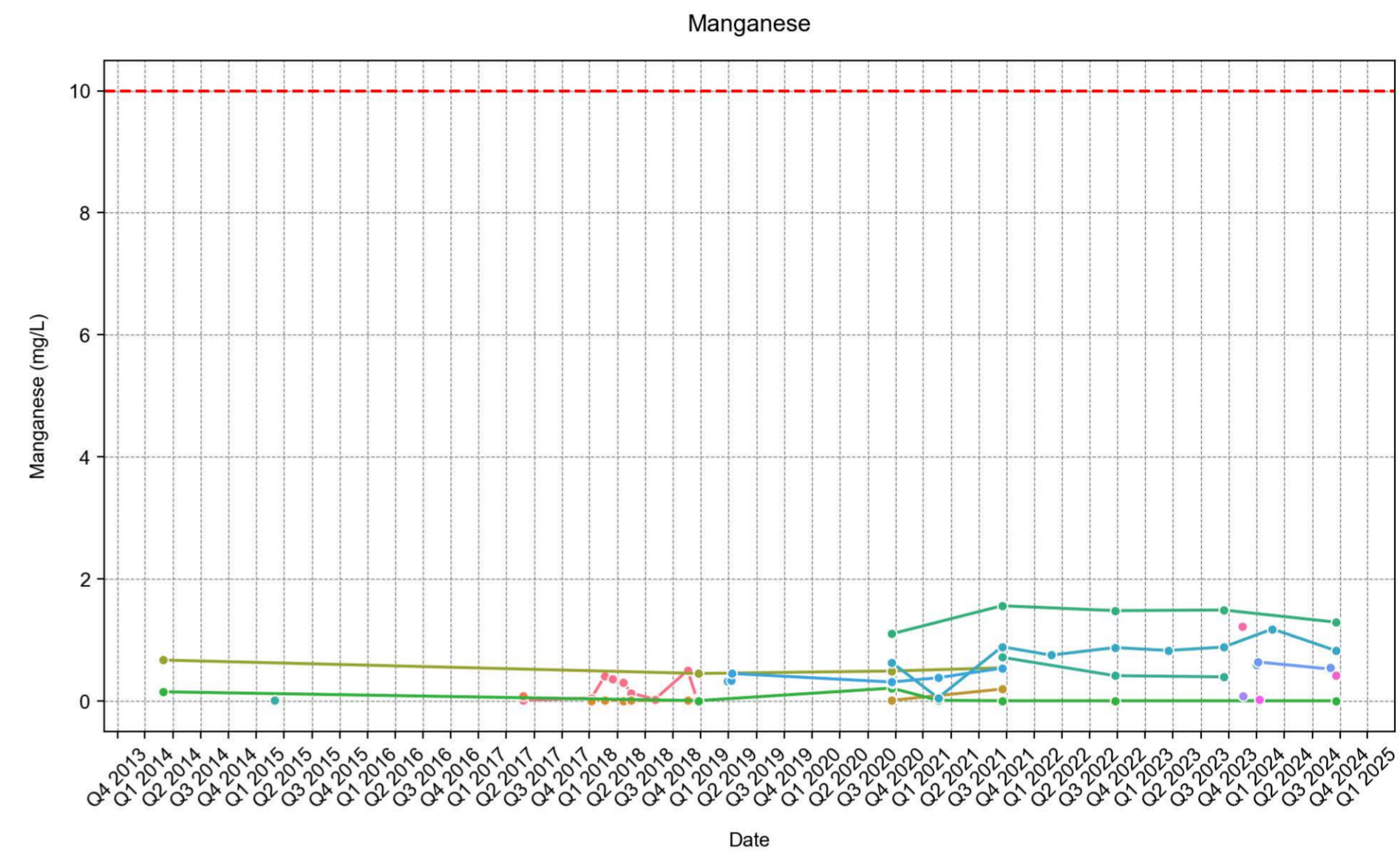
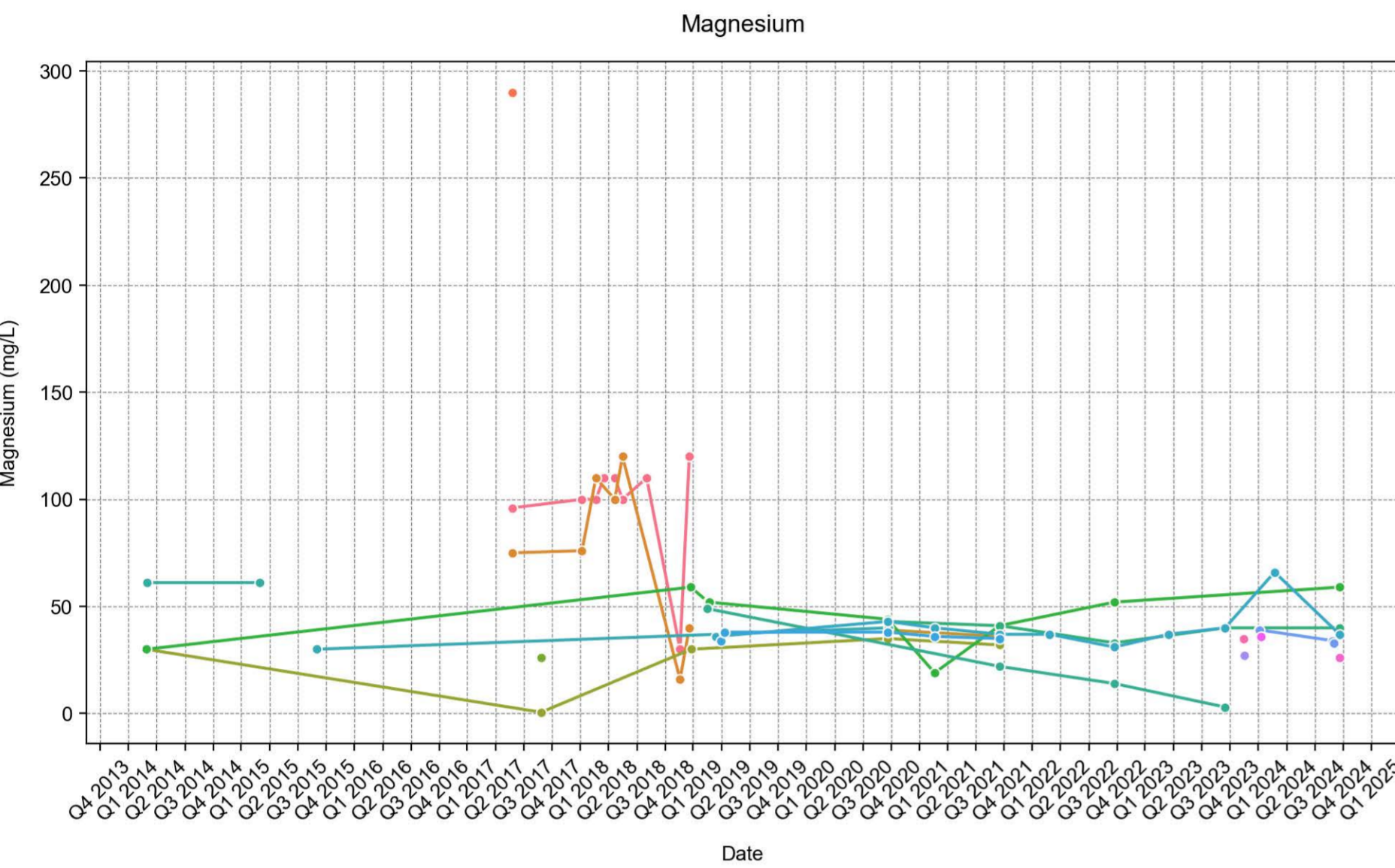
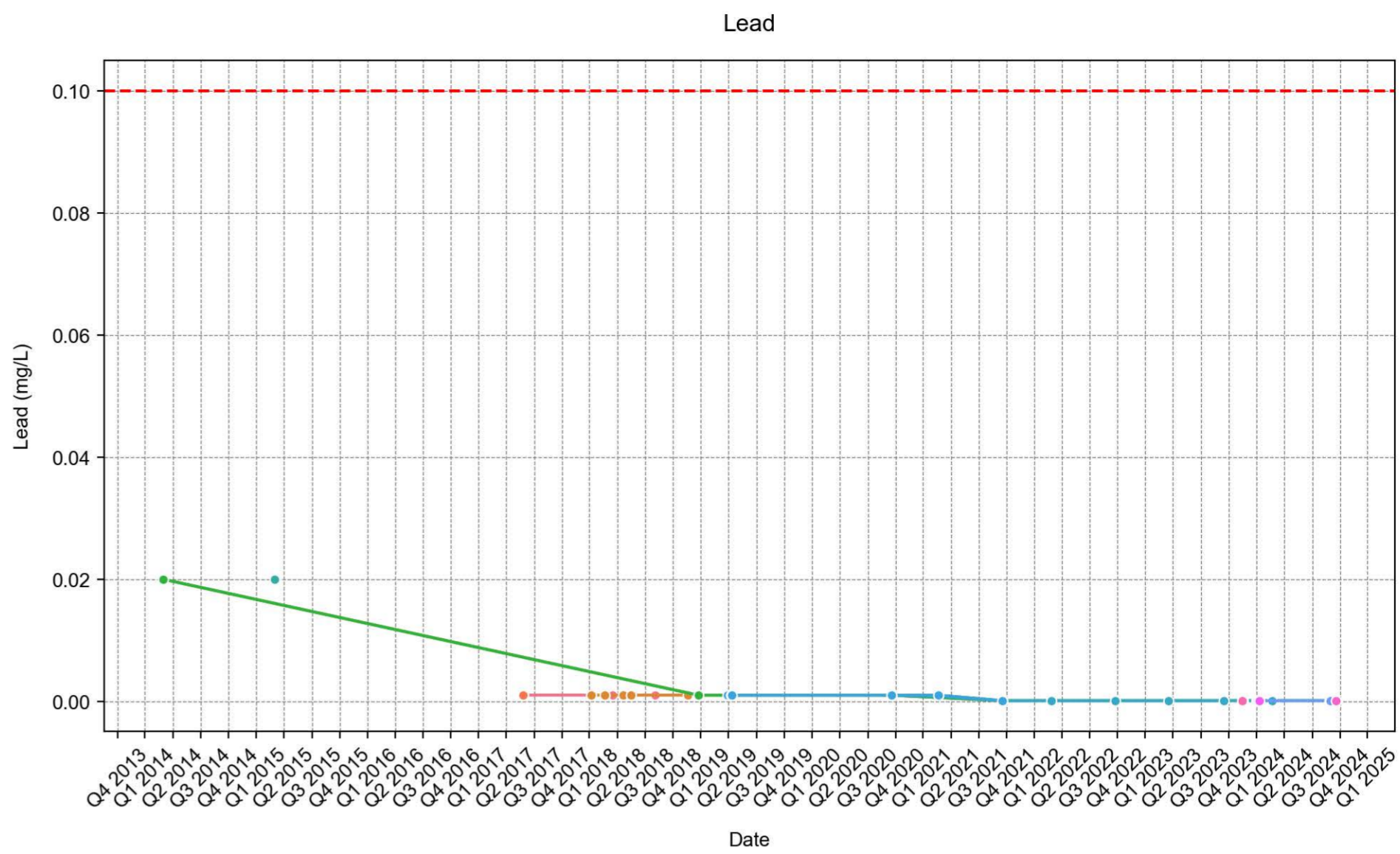
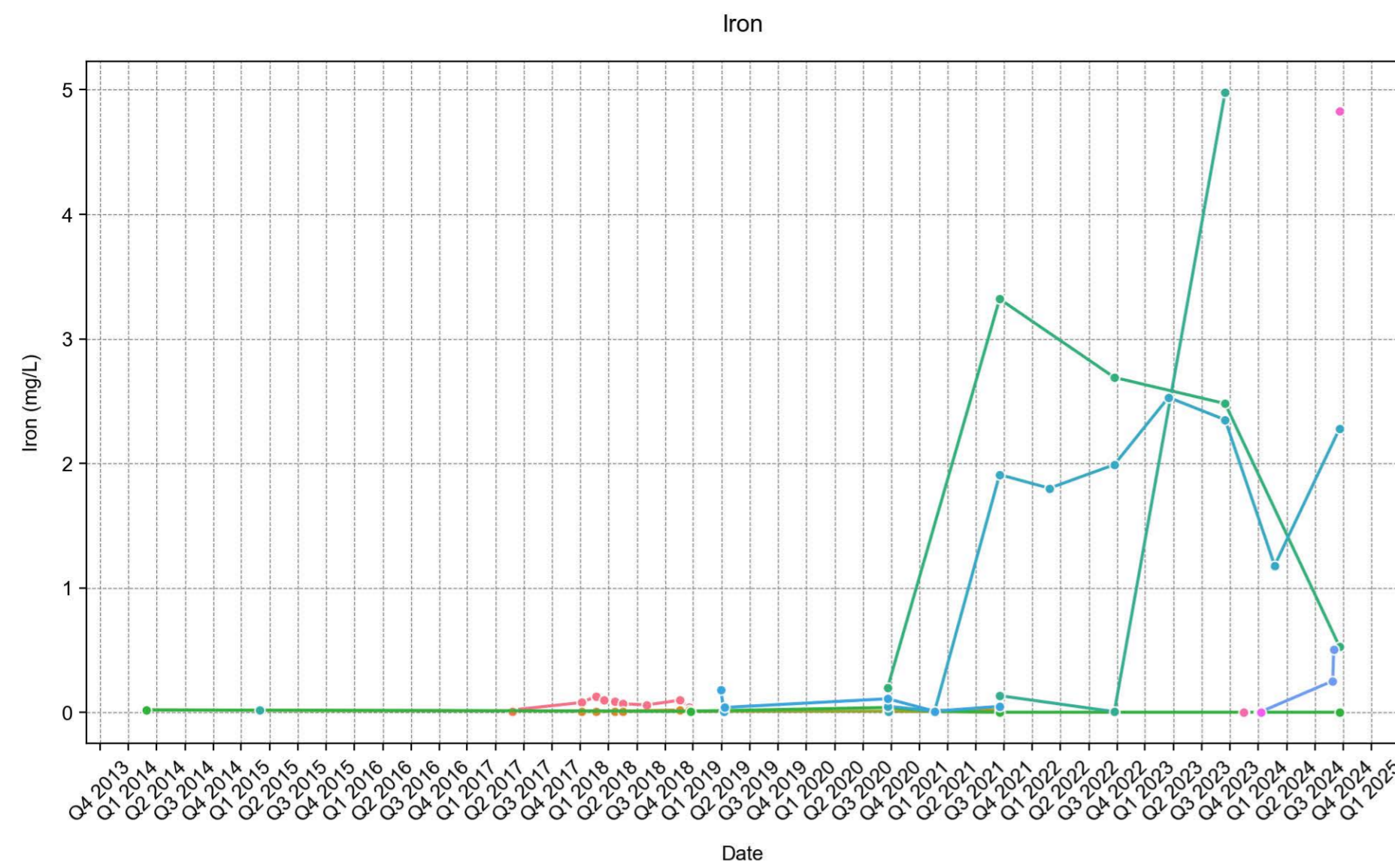
Hydroxide Alkalinity as CaCO3



Ionic Balance



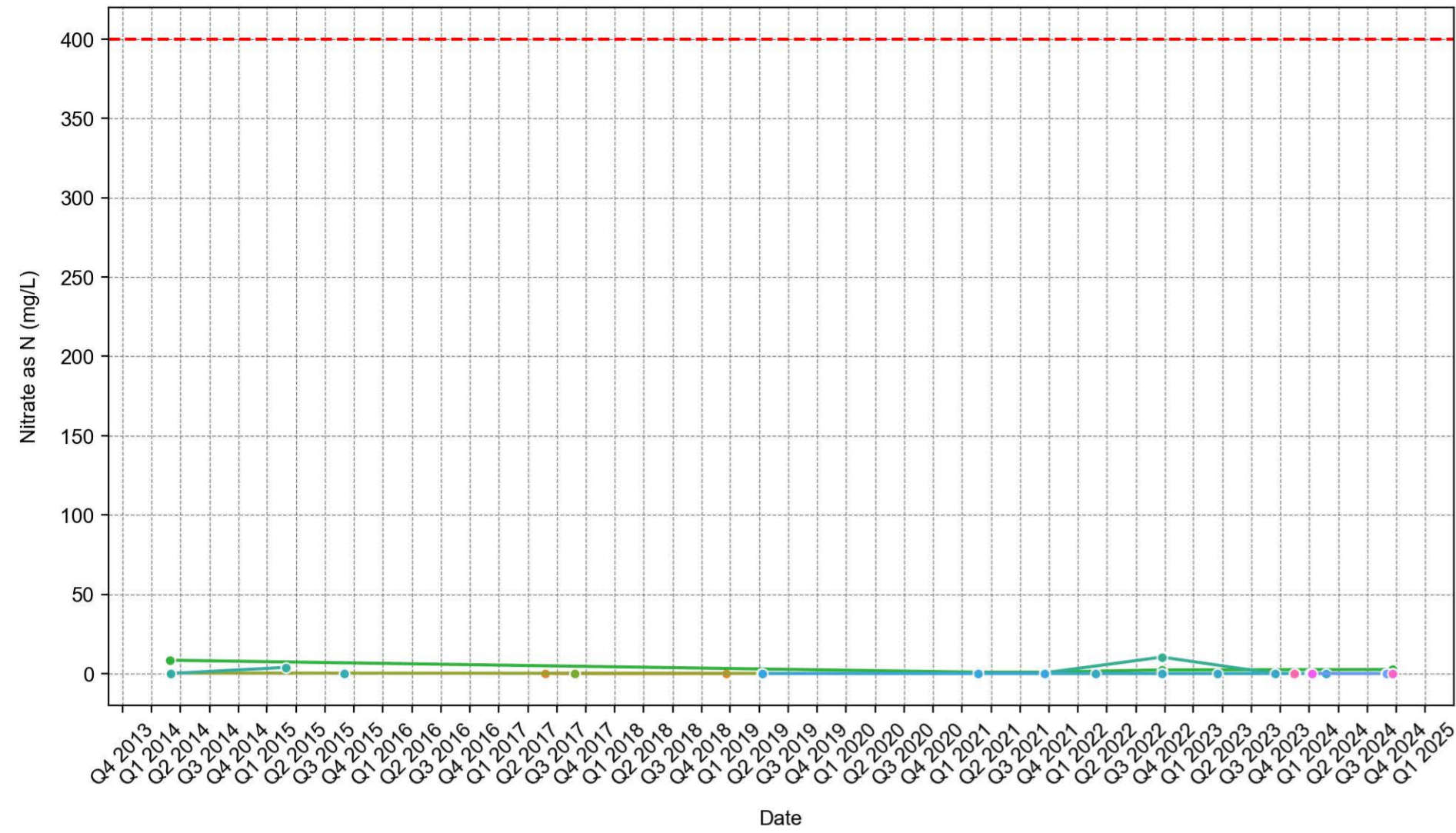
- CO-WS-05
- CRD0002
- CRD0011
- CRD0099
- CRD0144
- CRD0156
- CO-WS-09
- CRD0003
- CRD0012
- CRD0100
- CRD0145
- CRDTA0143
- CO-WS-13
- CRD0004
- CRD0016
- CRD0143
- CRD0151
- - - ANZECC Limit
- CRD0001
- CRD0005
- CRD0033



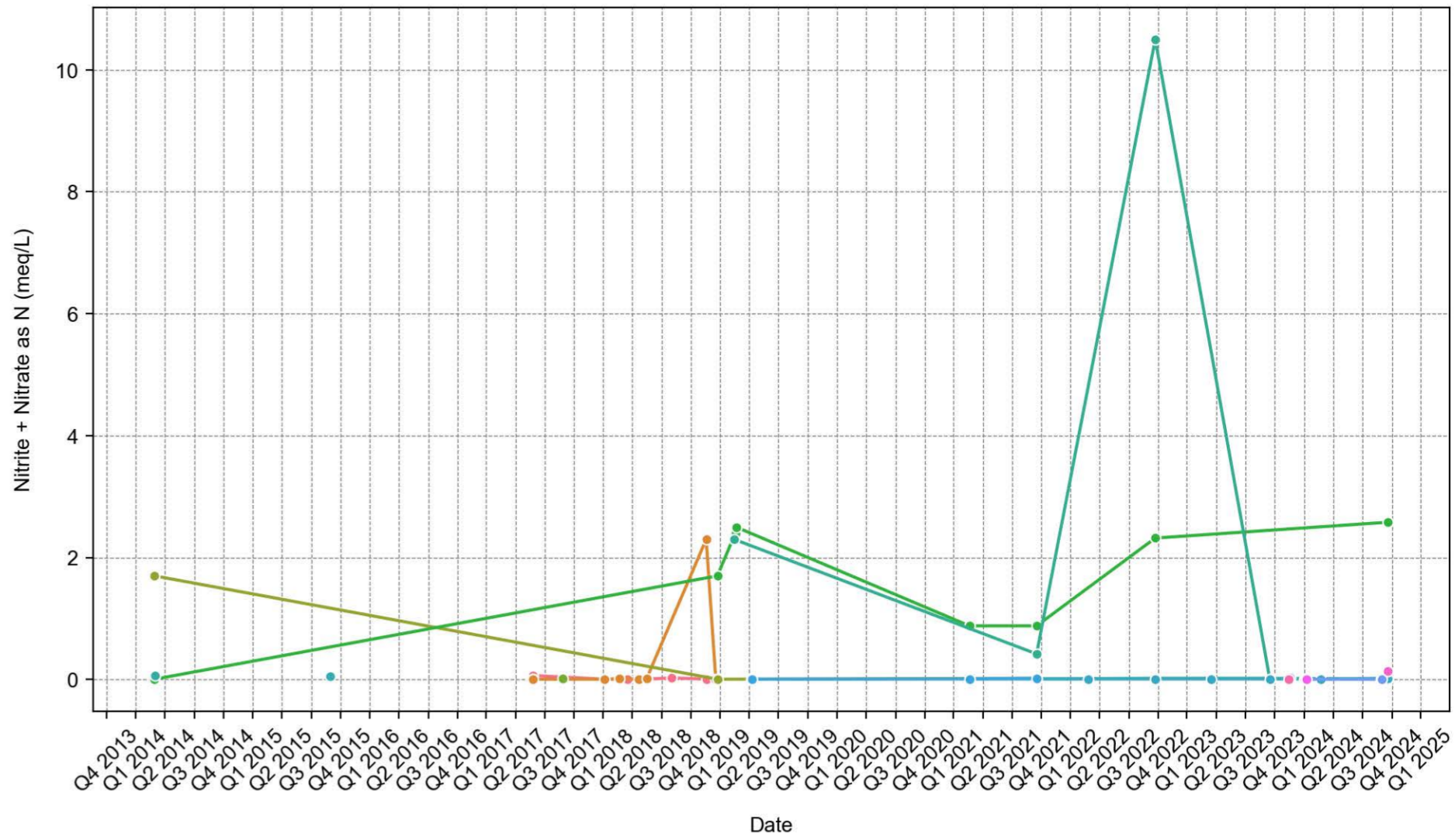
Sample Location: Sparrow Lake  
Page 6 of 10

- |          |         |         |         |         |              |
|----------|---------|---------|---------|---------|--------------|
| CO-WS-05 | CRD0002 | CRD0011 | CRD0099 | CRD0144 | CRD0156      |
| CO-WS-09 | CRD0003 | CRD0012 | CRD0100 | CRD0145 | CRDTA0143    |
| CO-WS-13 | CRD0004 | CRD0016 | CRD0143 | CRD0151 | ANZECC Limit |
| CRD0001  | CRD0005 | CRD0033 |         |         |              |

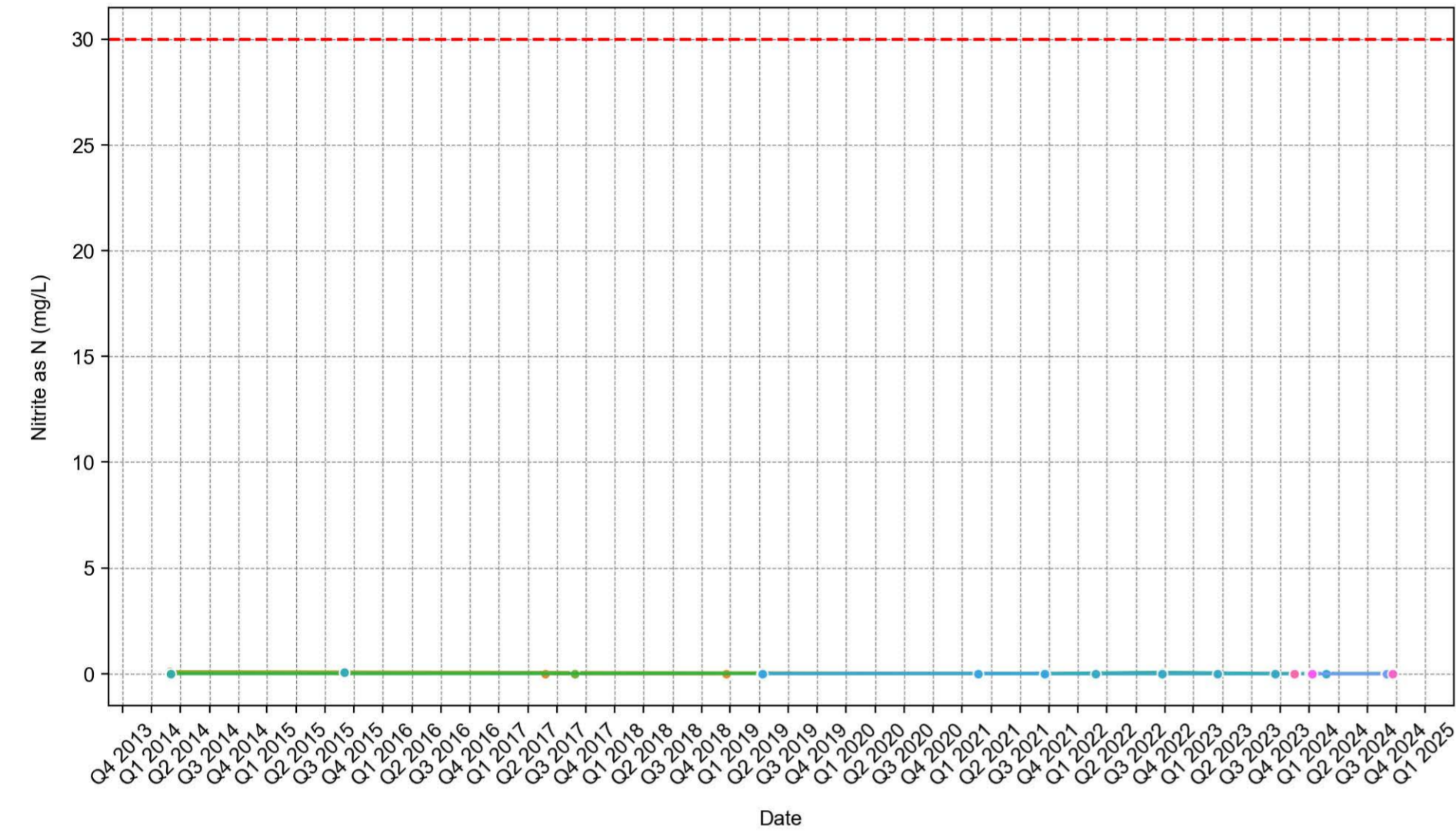
Nitrate as N



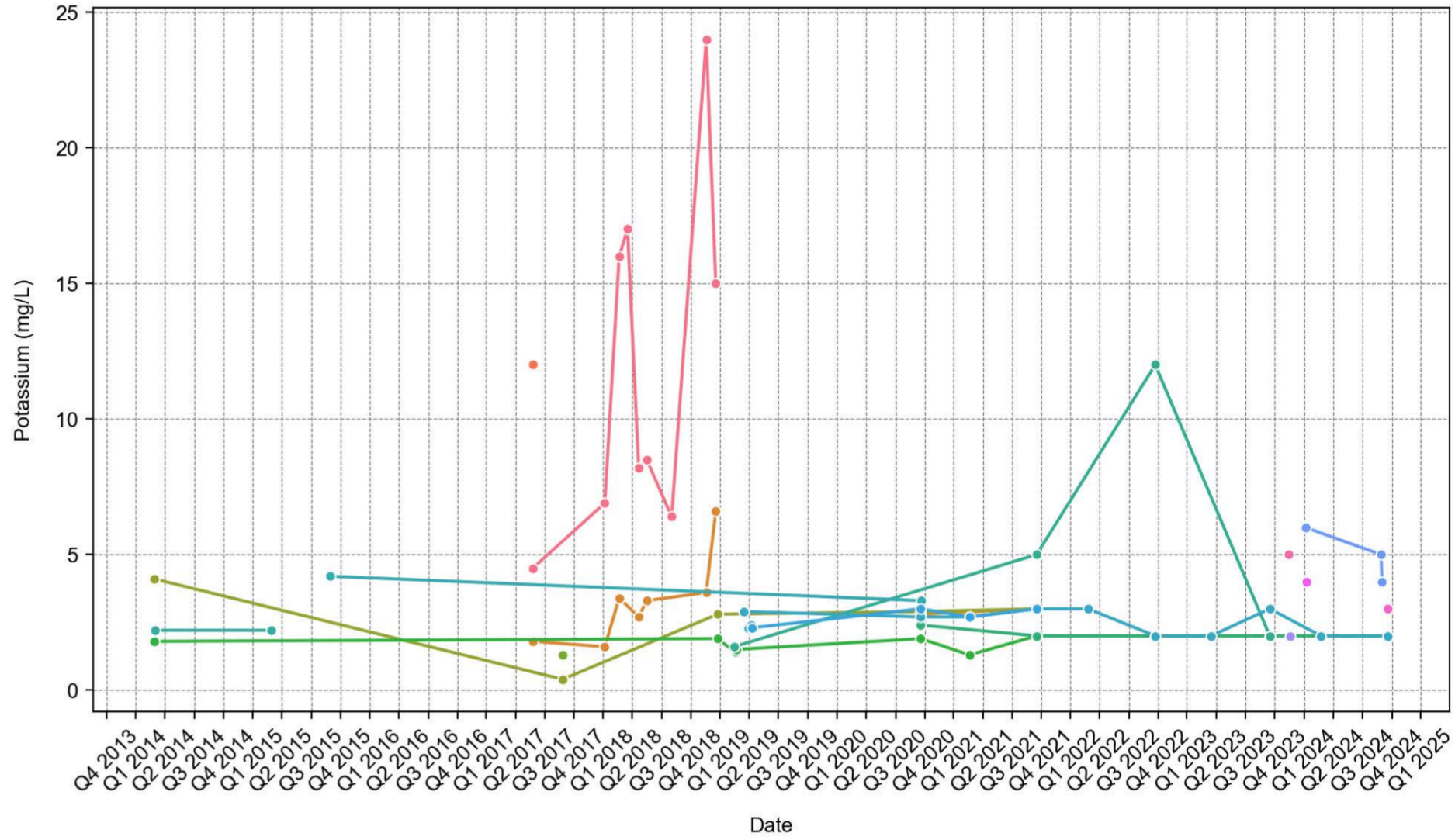
Nitrite + Nitrate as N



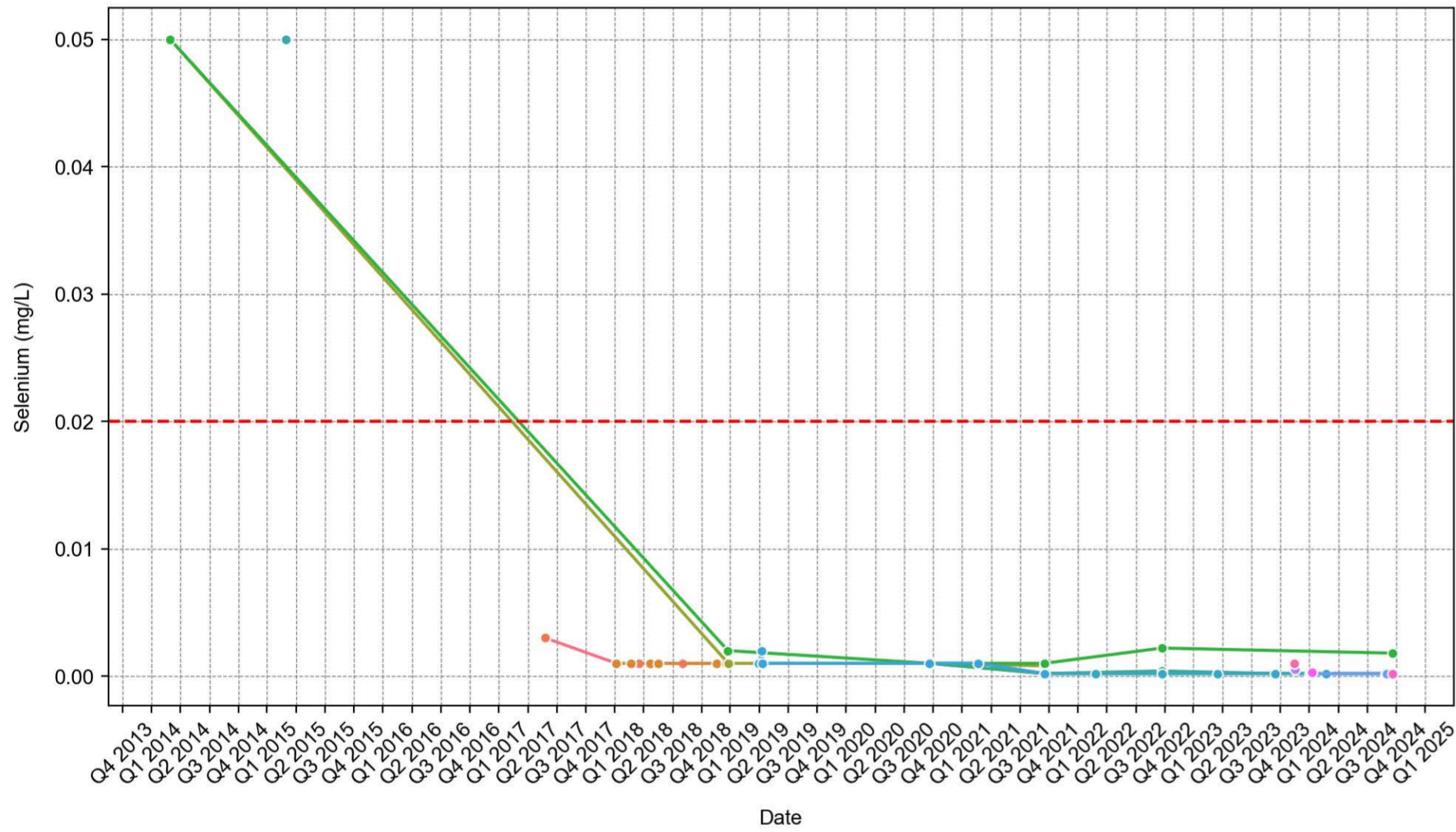
Nitrite as N



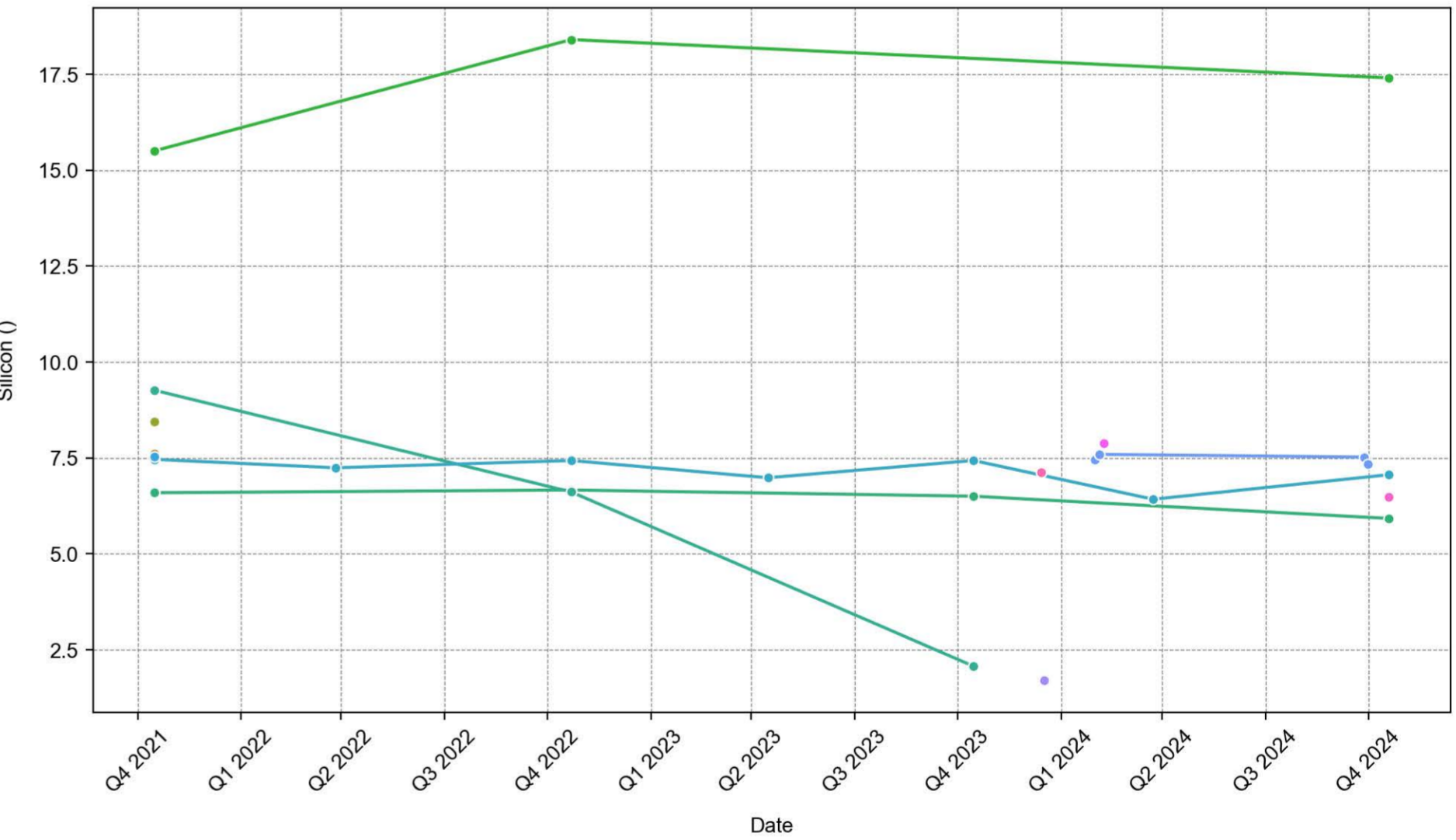
Potassium



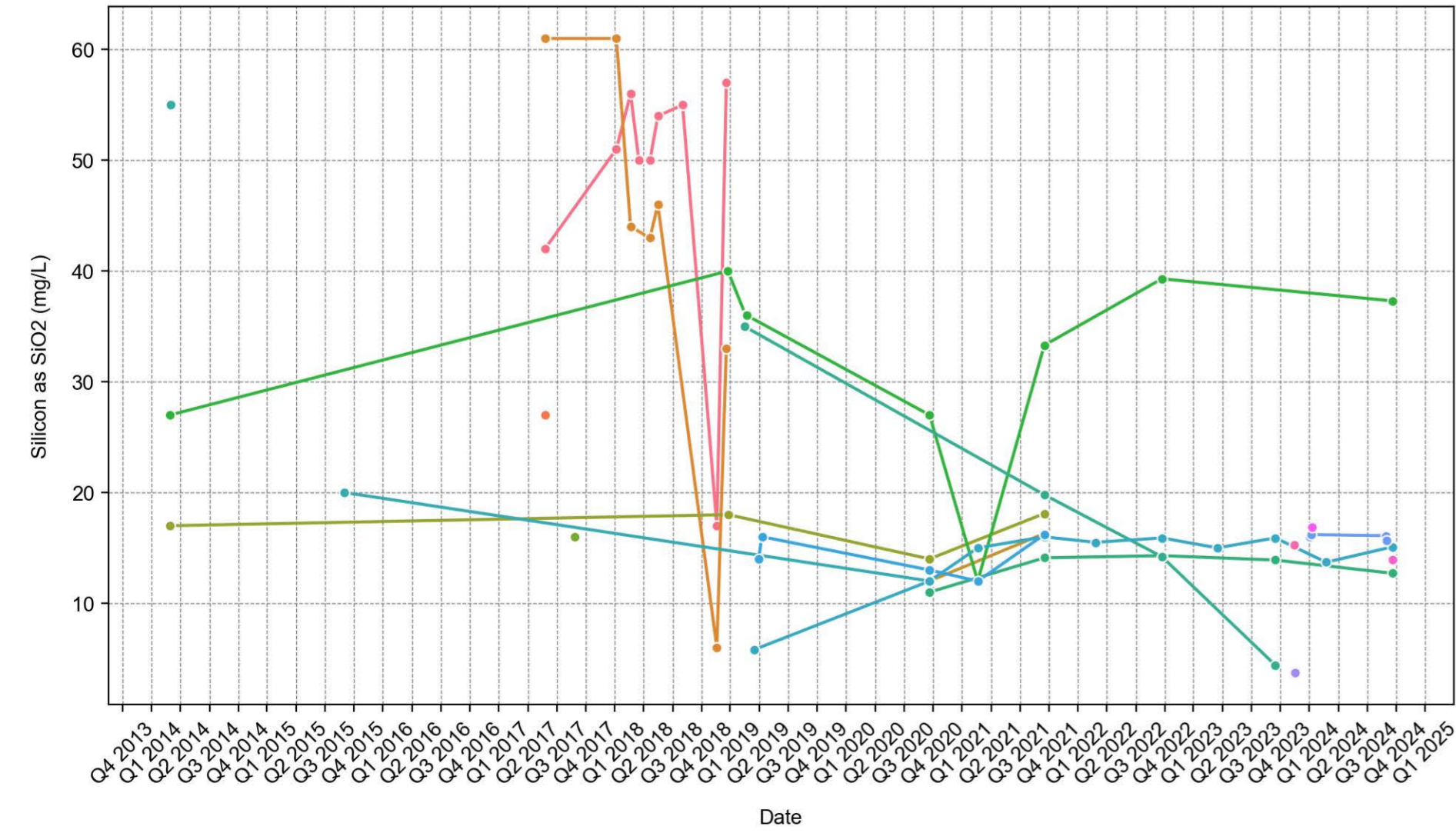
Selenium



Silicon



Silicon as SiO2

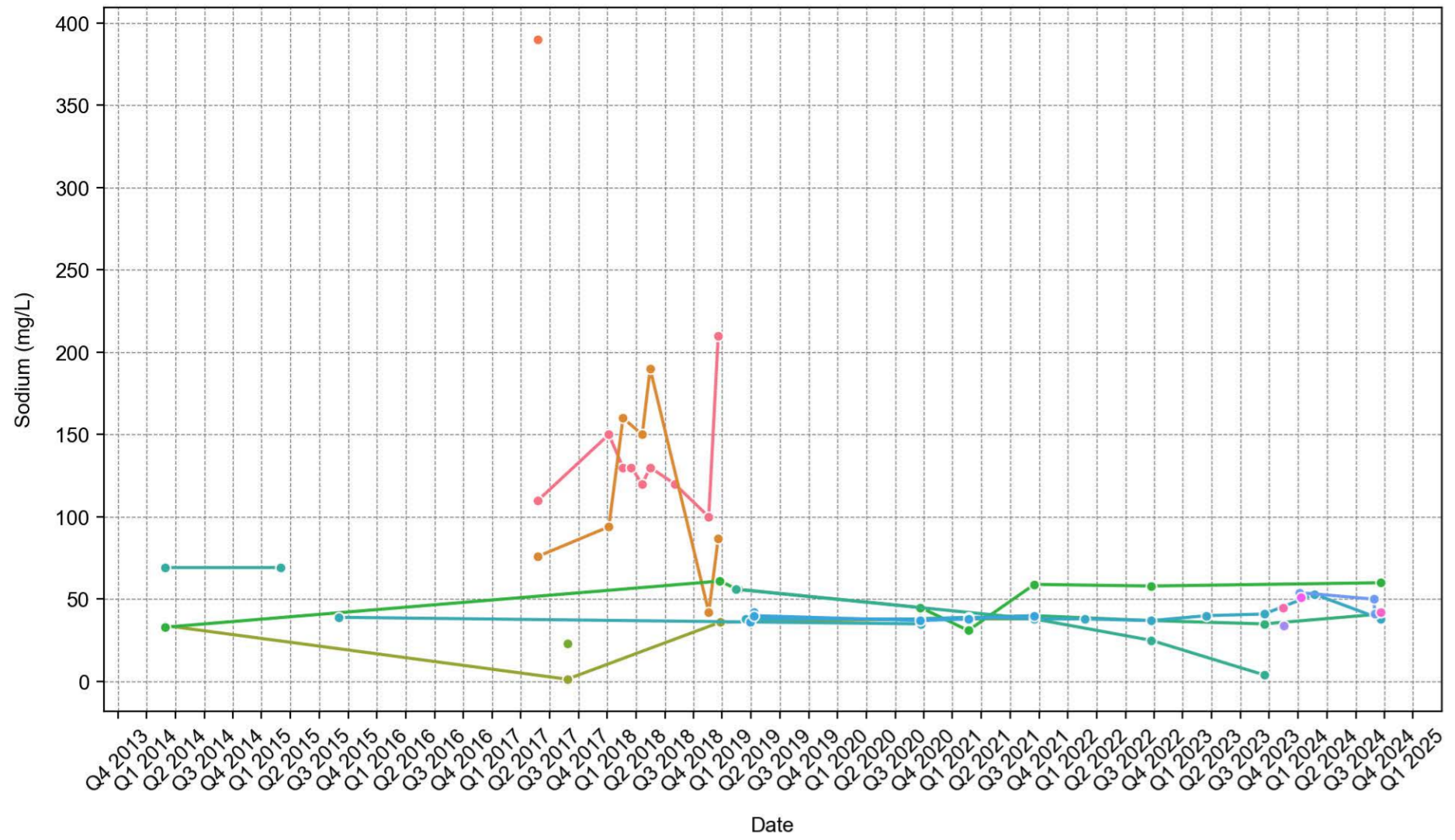


Silver

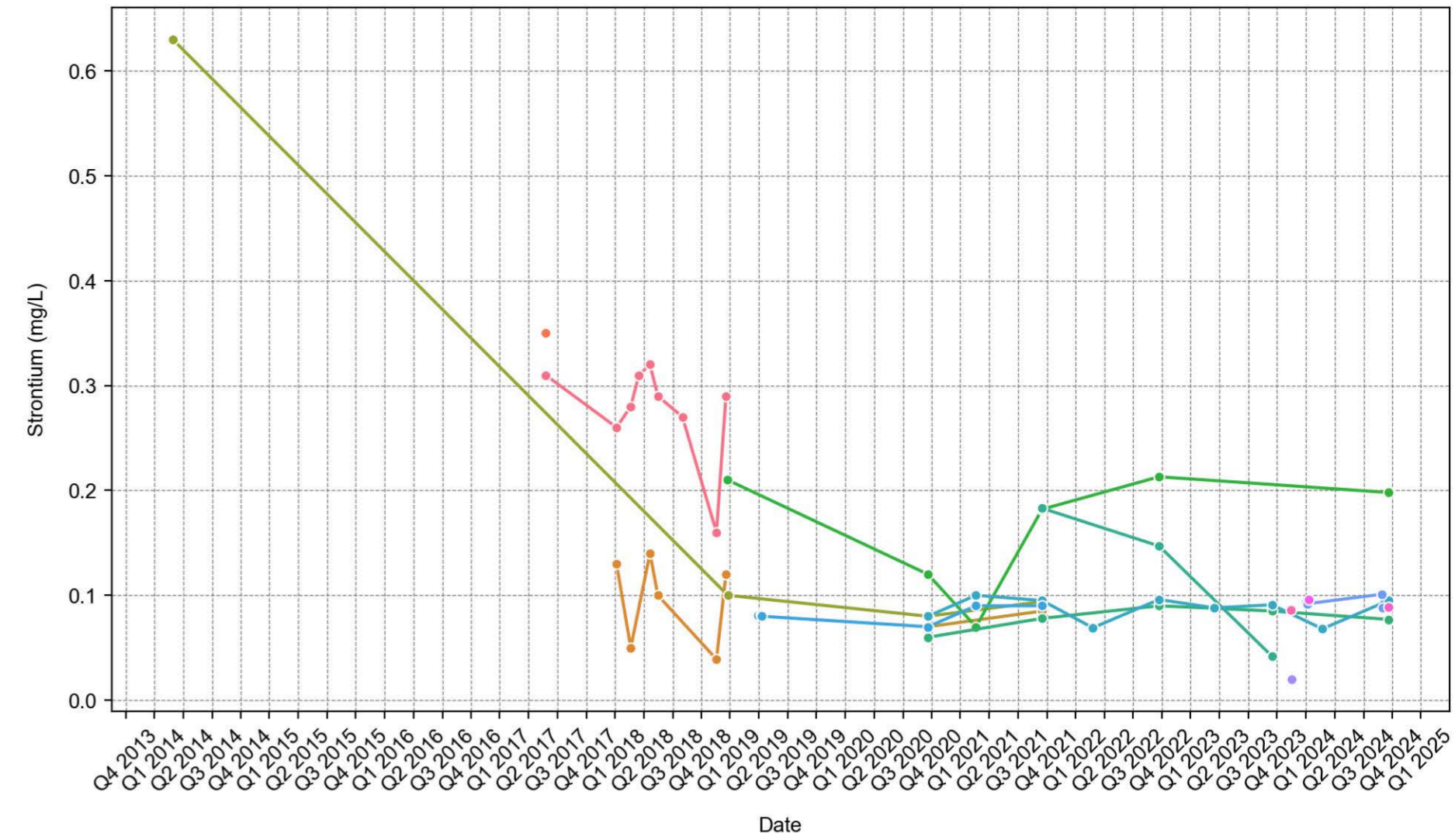


- CO-WS-05
- CRD0002
- CRD0011
- CRD0099
- CRD0144
- CRD0156
- CO-WS-09
- CRD0003
- CRD0012
- CRD0100
- CRD0145
- CRDTA0143
- CO-WS-13
- CRD0004
- CRD0016
- CRD0143
- CRD0151
- - - ANZECC Limit
- CRD0001
- CRD0005
- CRD0033

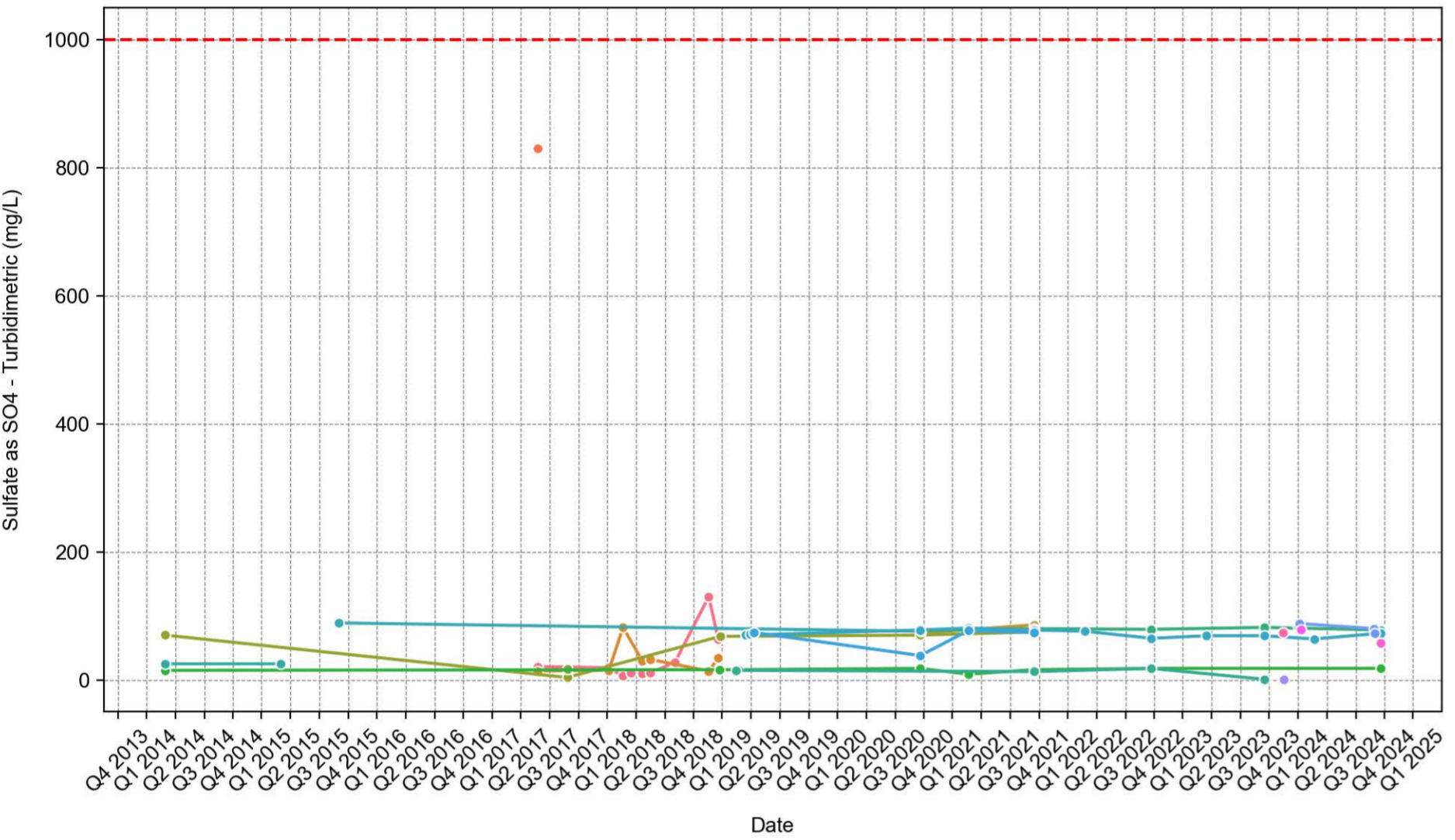
Sodium



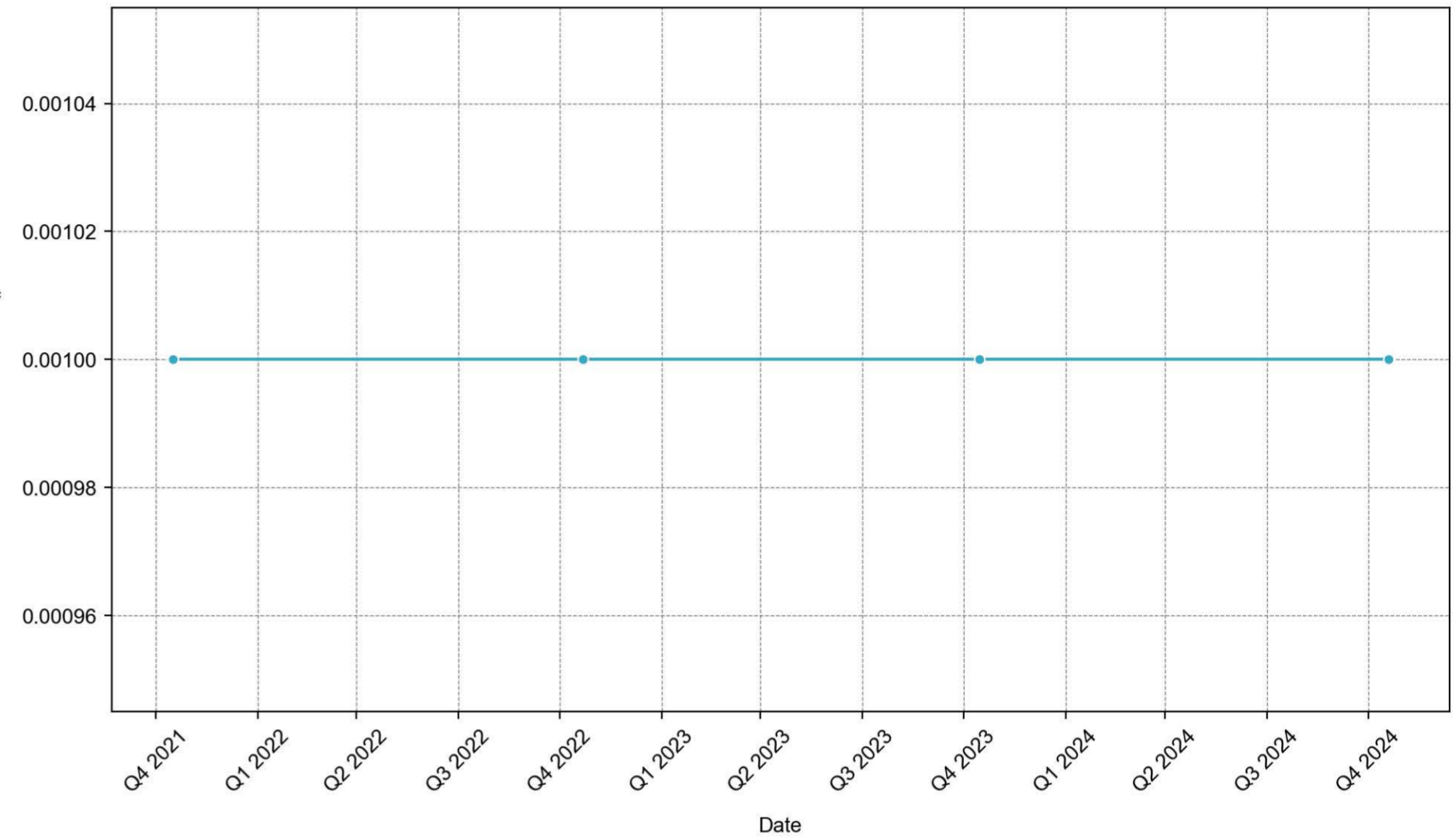
Strontium



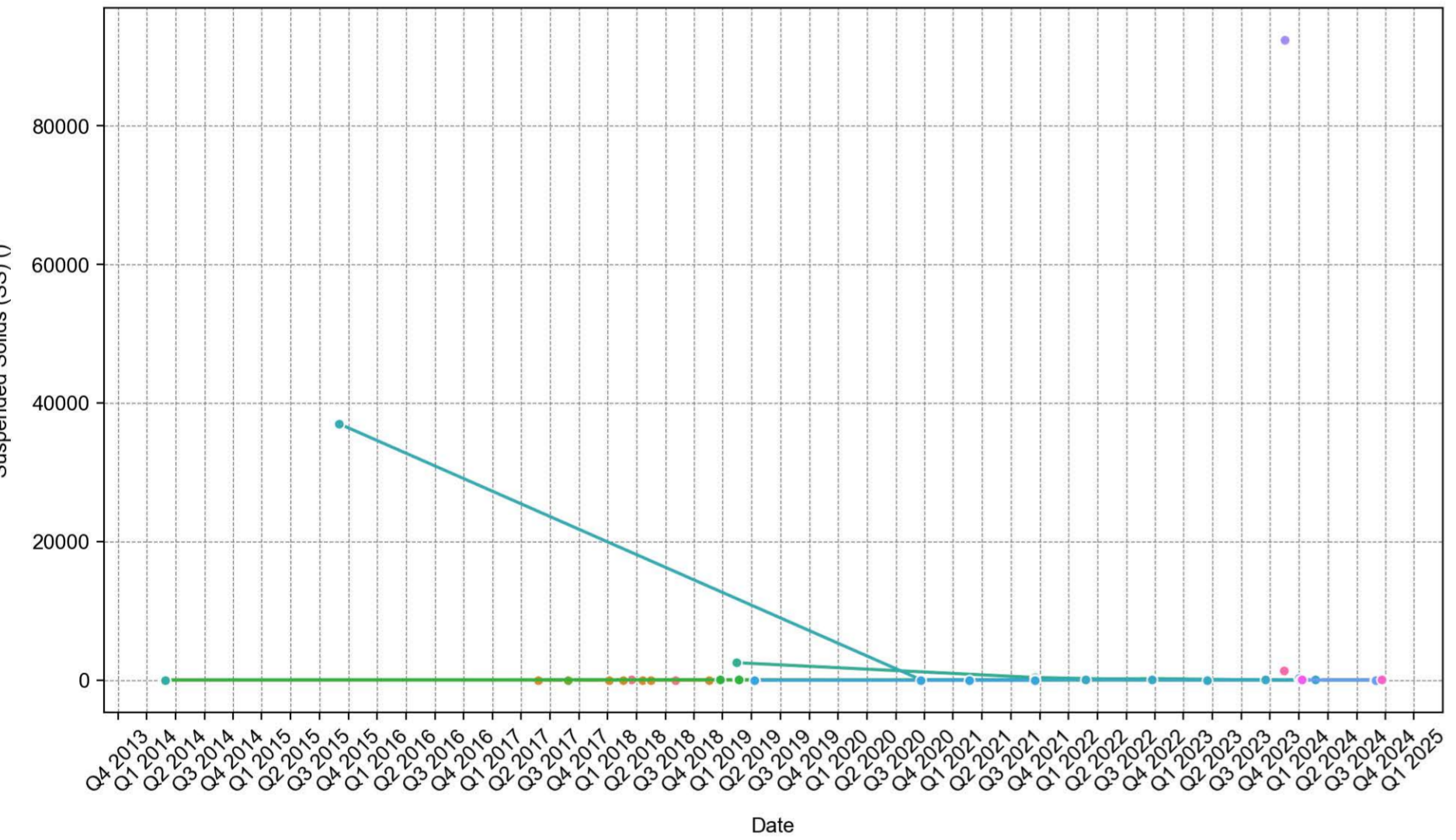
Sulfate as SO4 - Turbidimetric



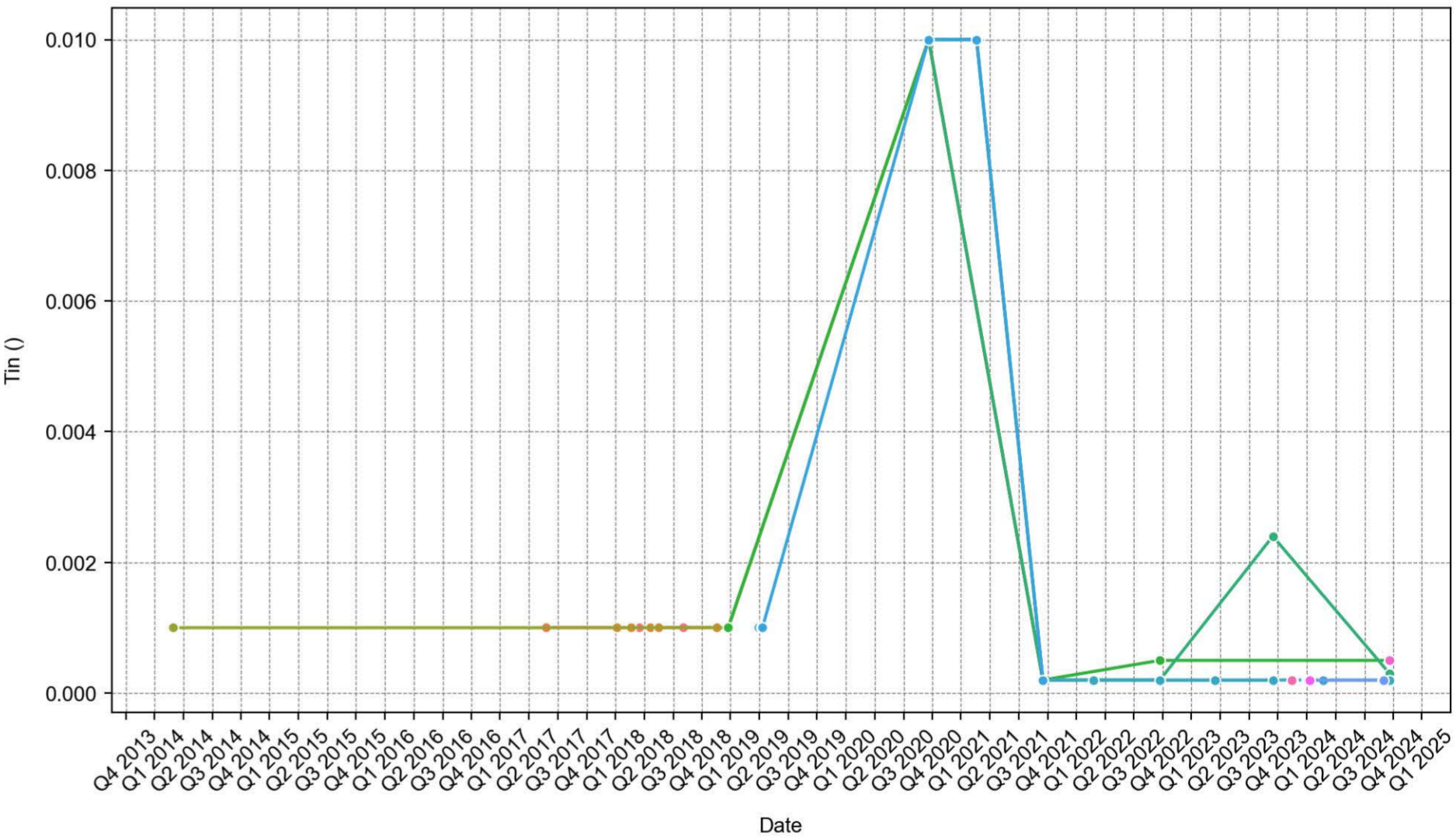
Sum of BTEX



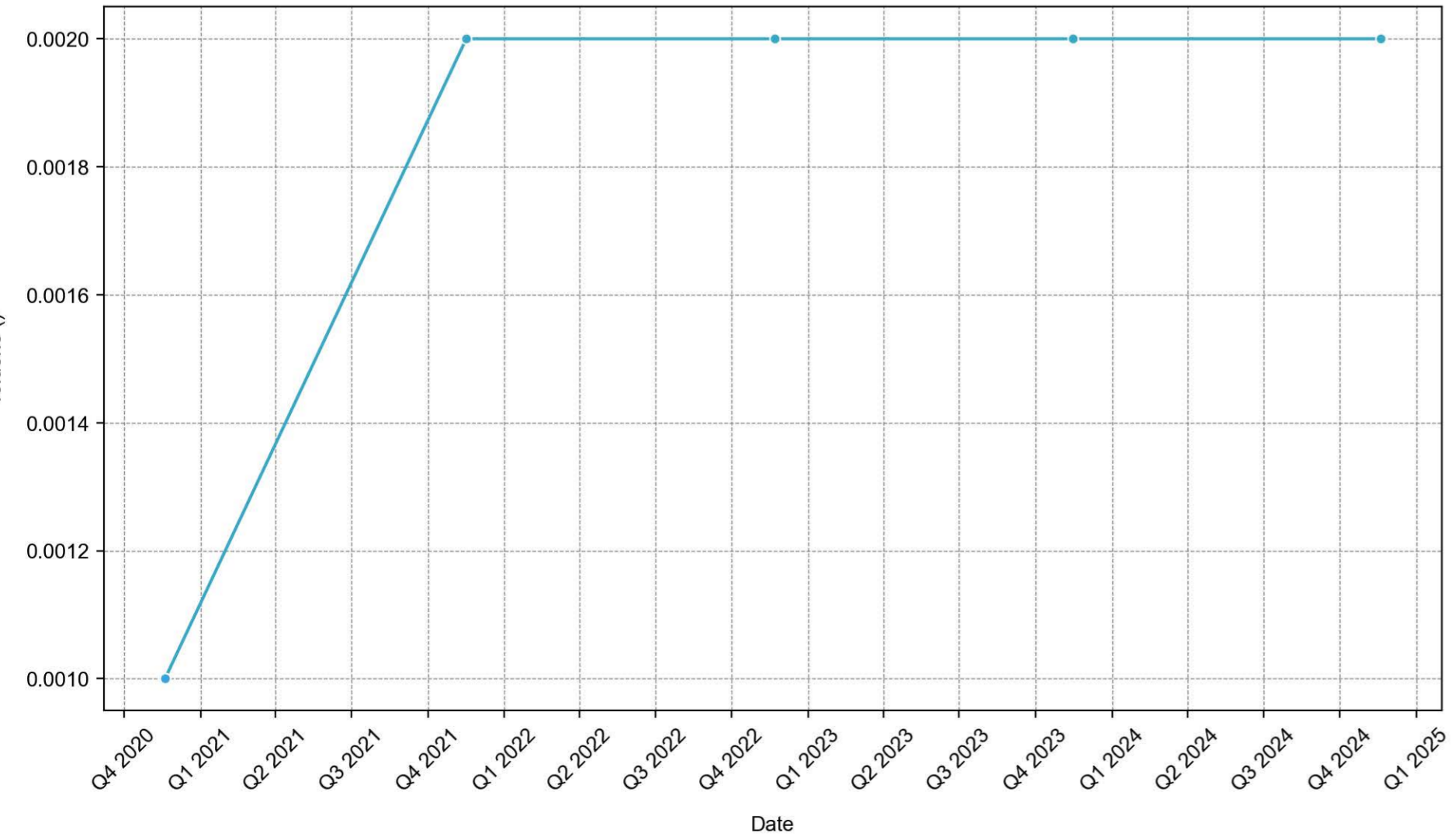
Suspended Solids (SS)



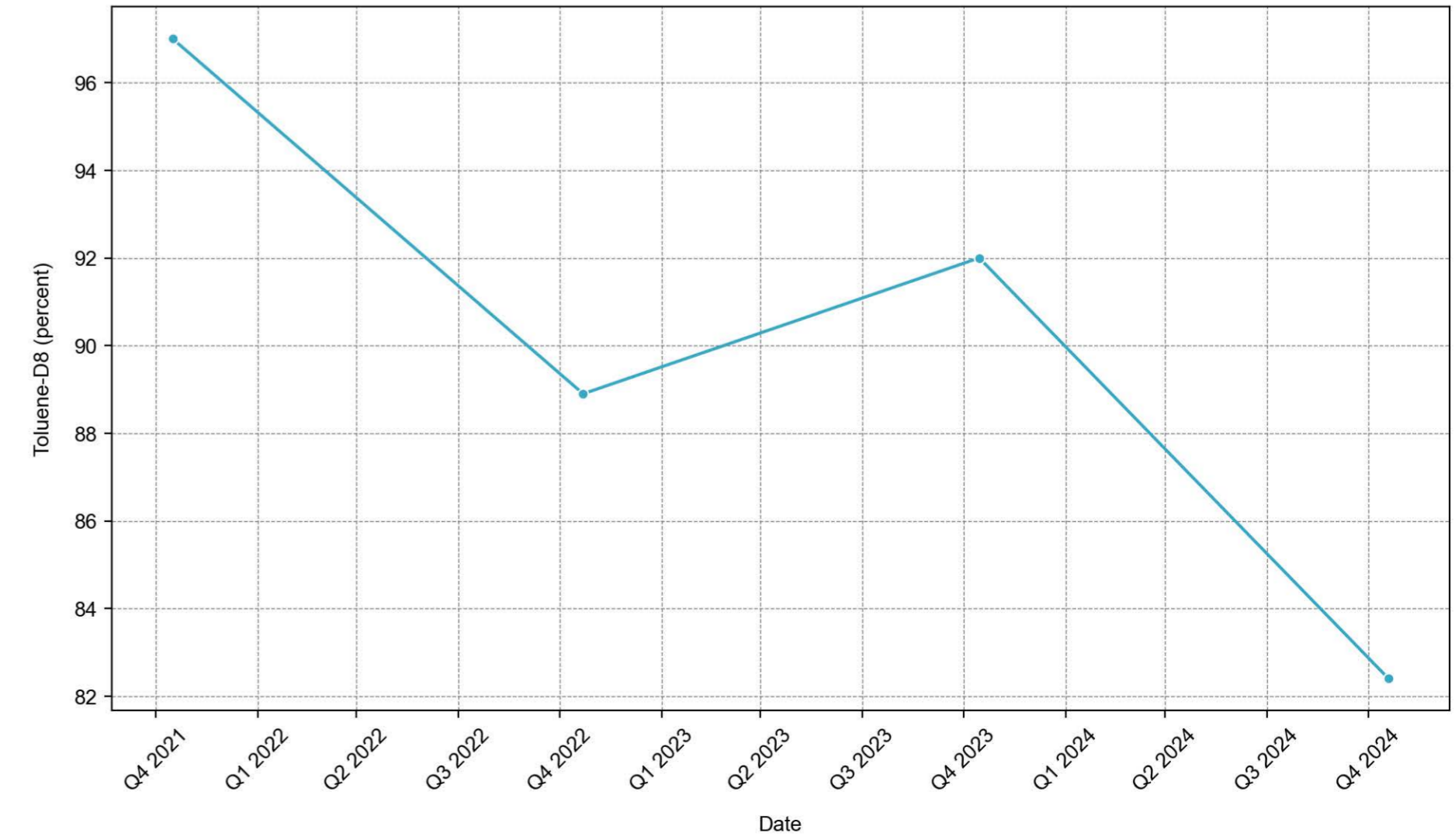
Tin



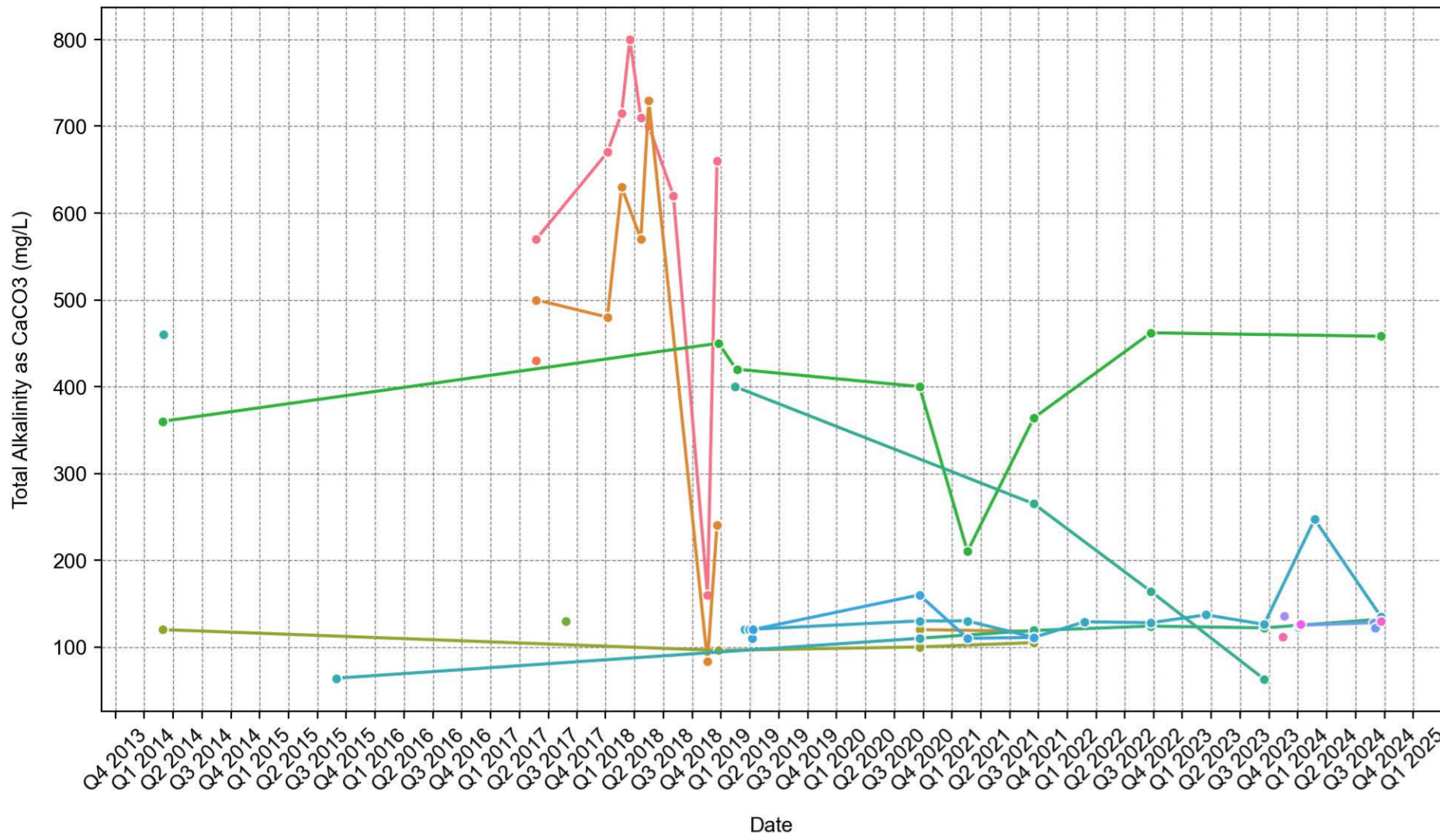
Toluene



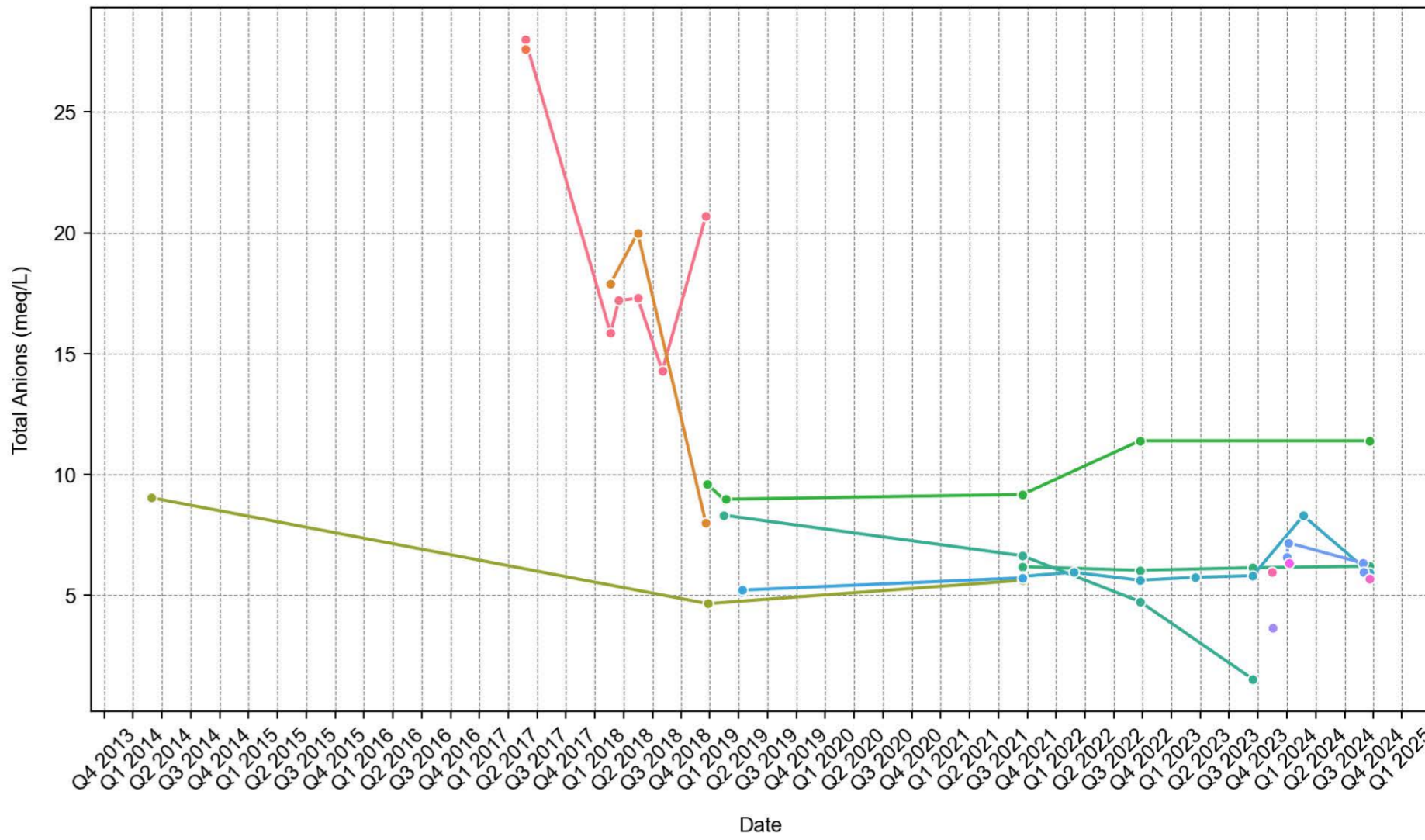
Toluene-D8



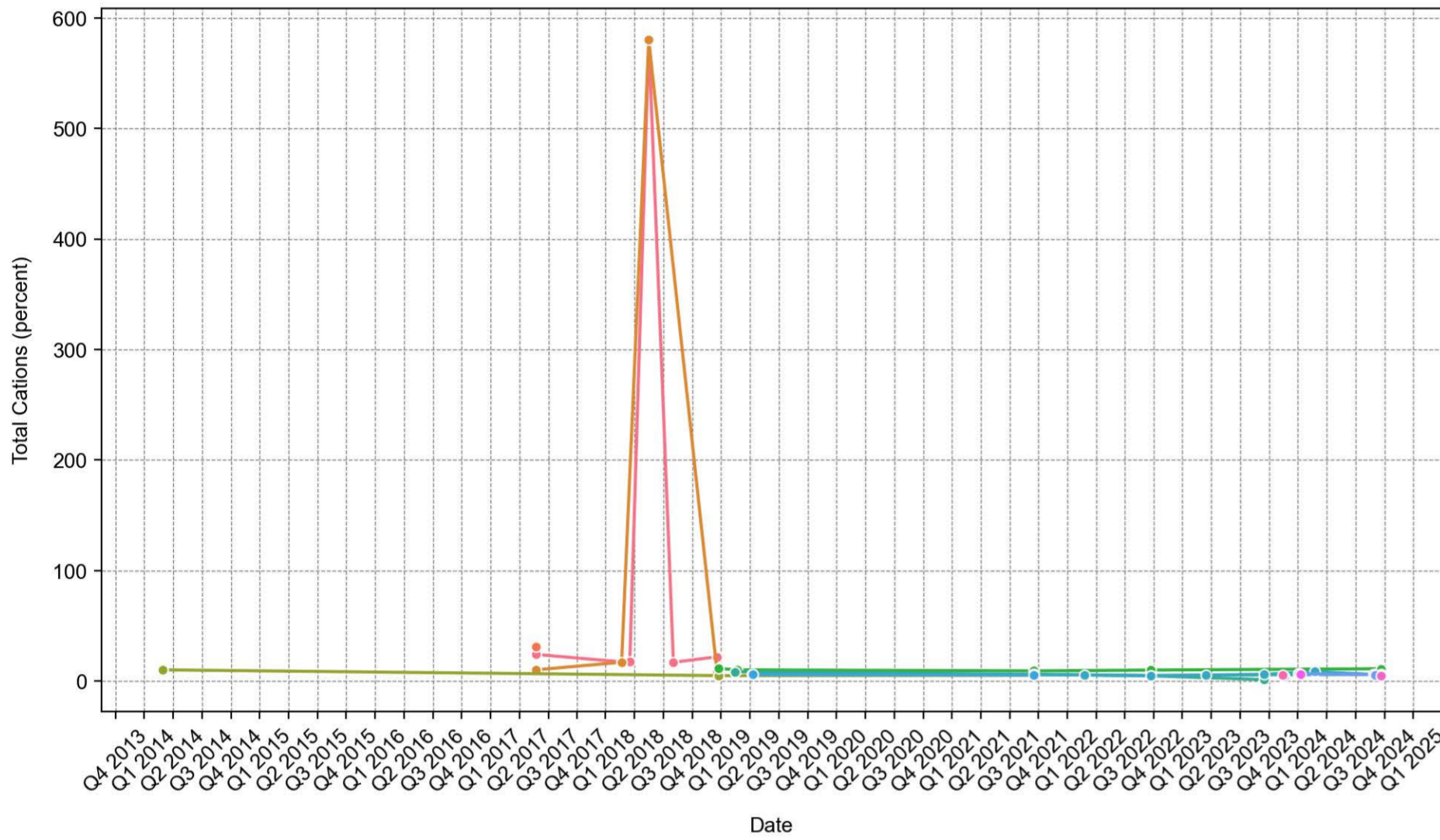
Total Alkalinity as CaCO3



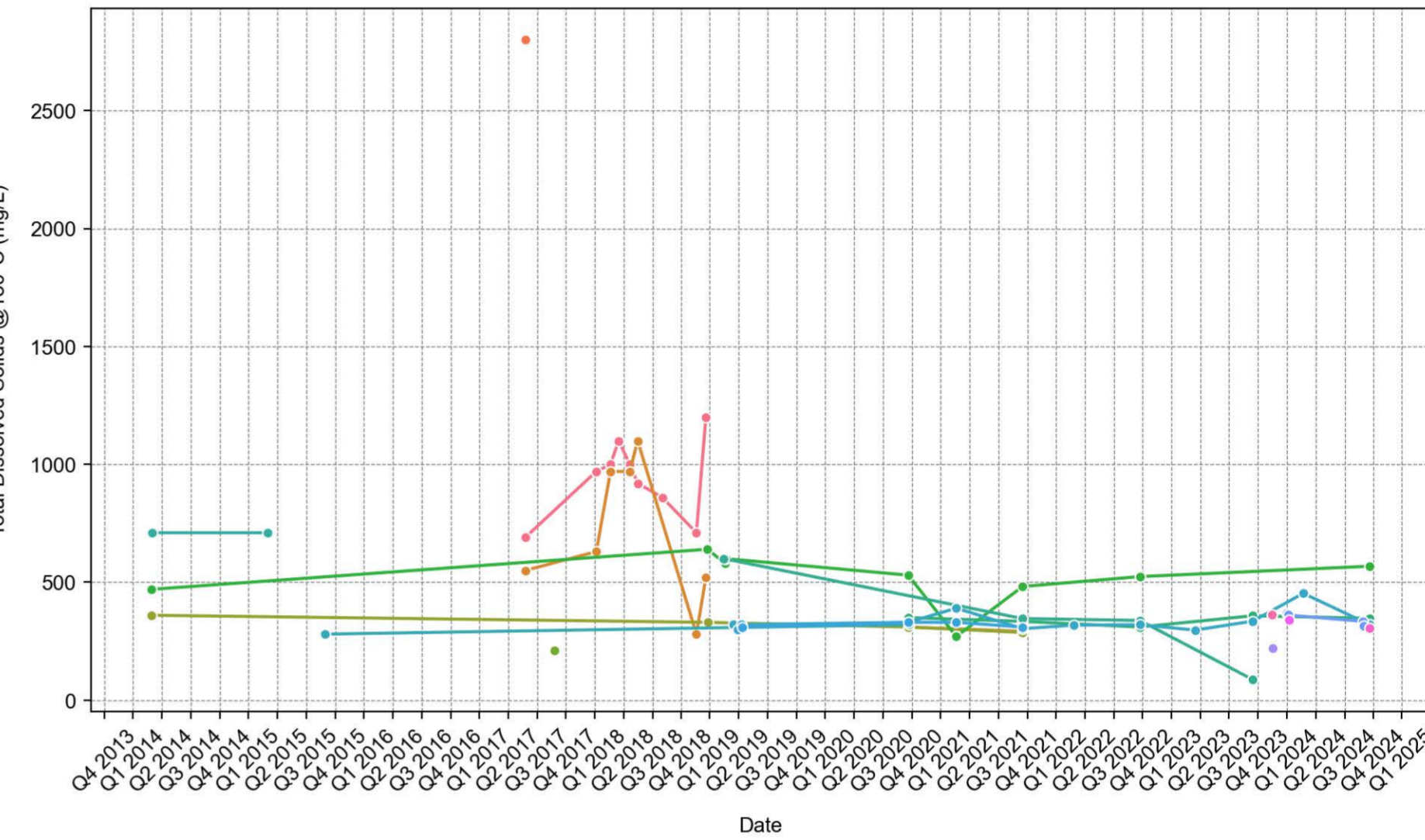
Total Anions



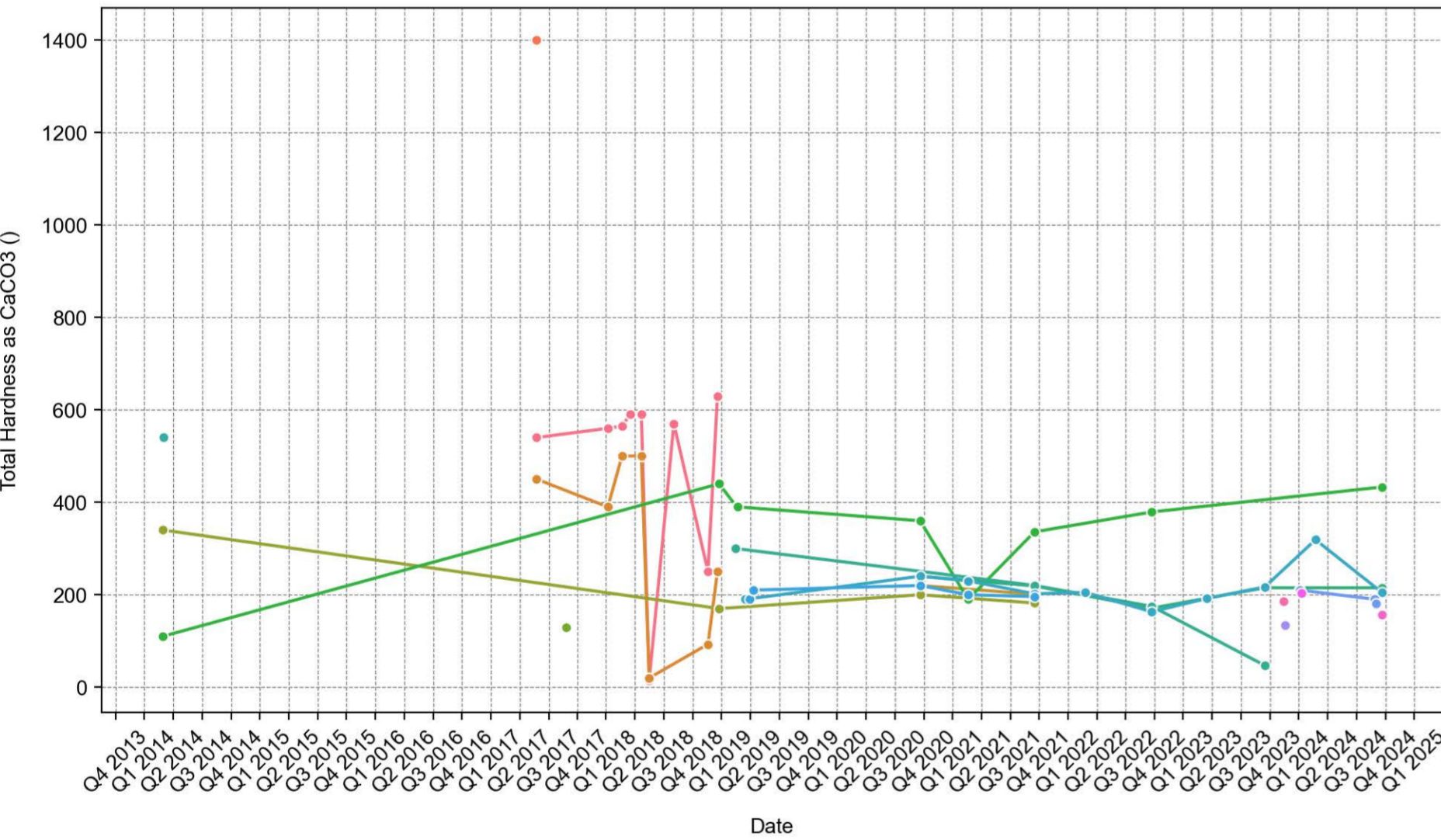
Total Cations



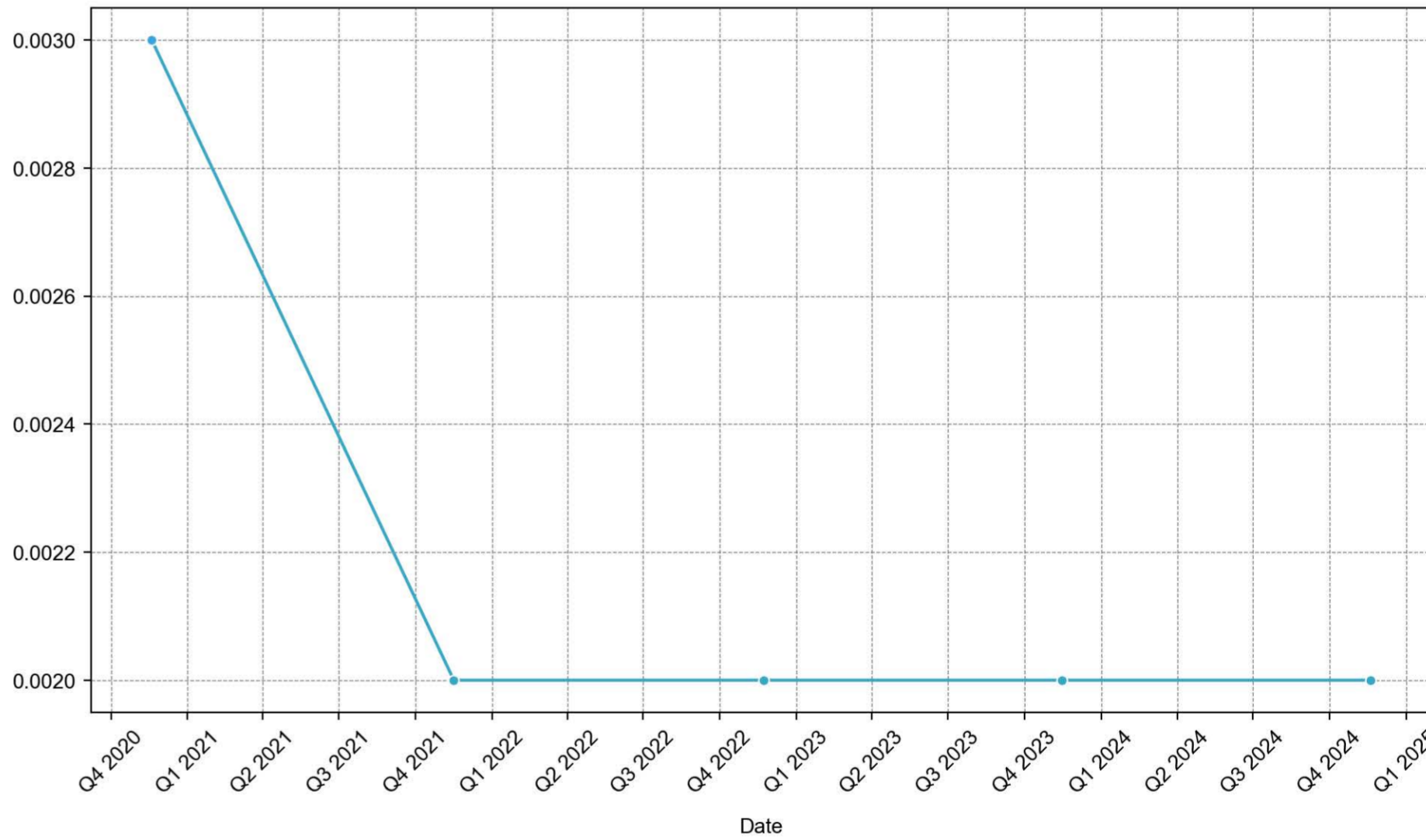
Total Dissolved Solids @180°C



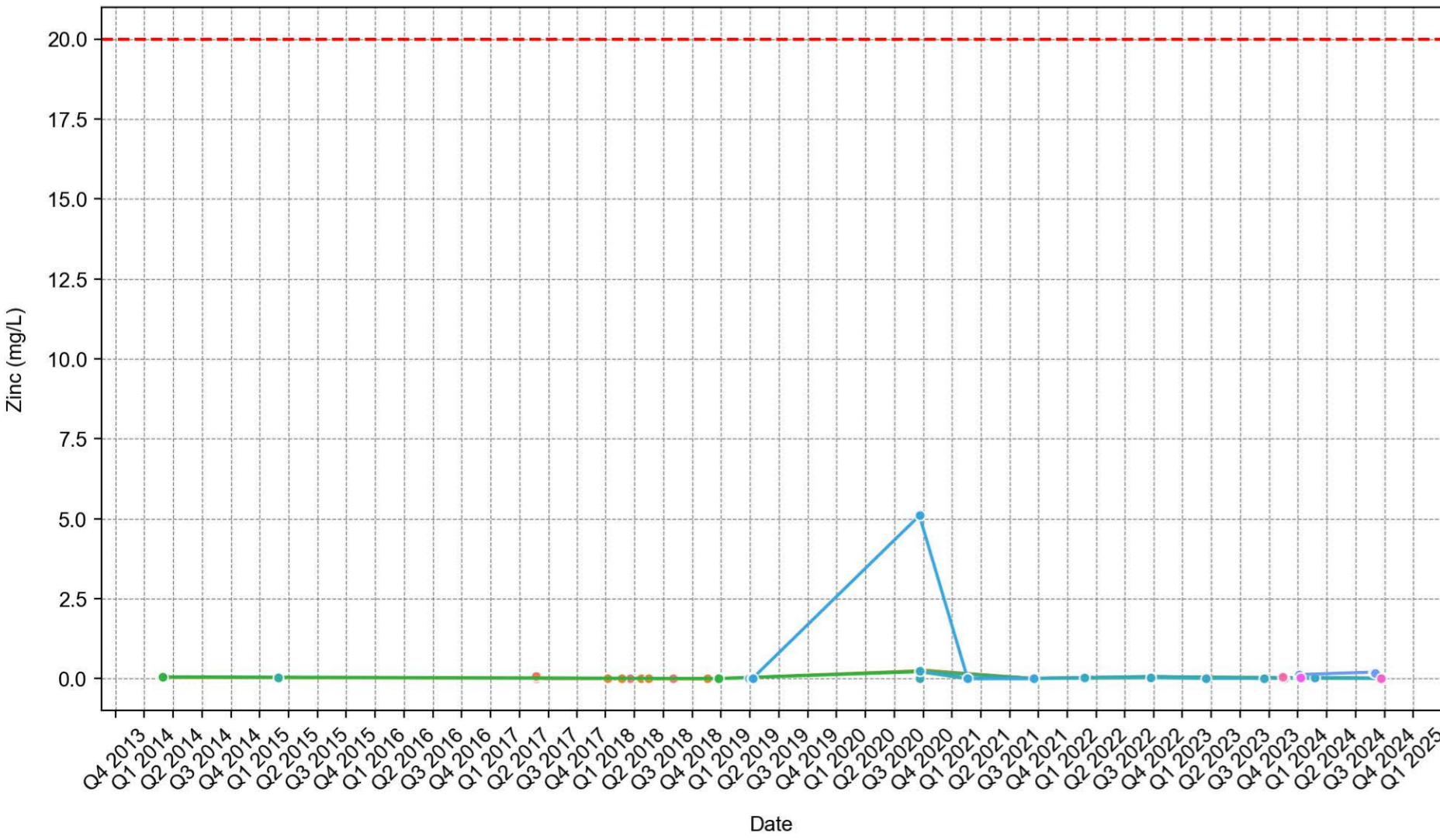
Total Hardness as CaCO3



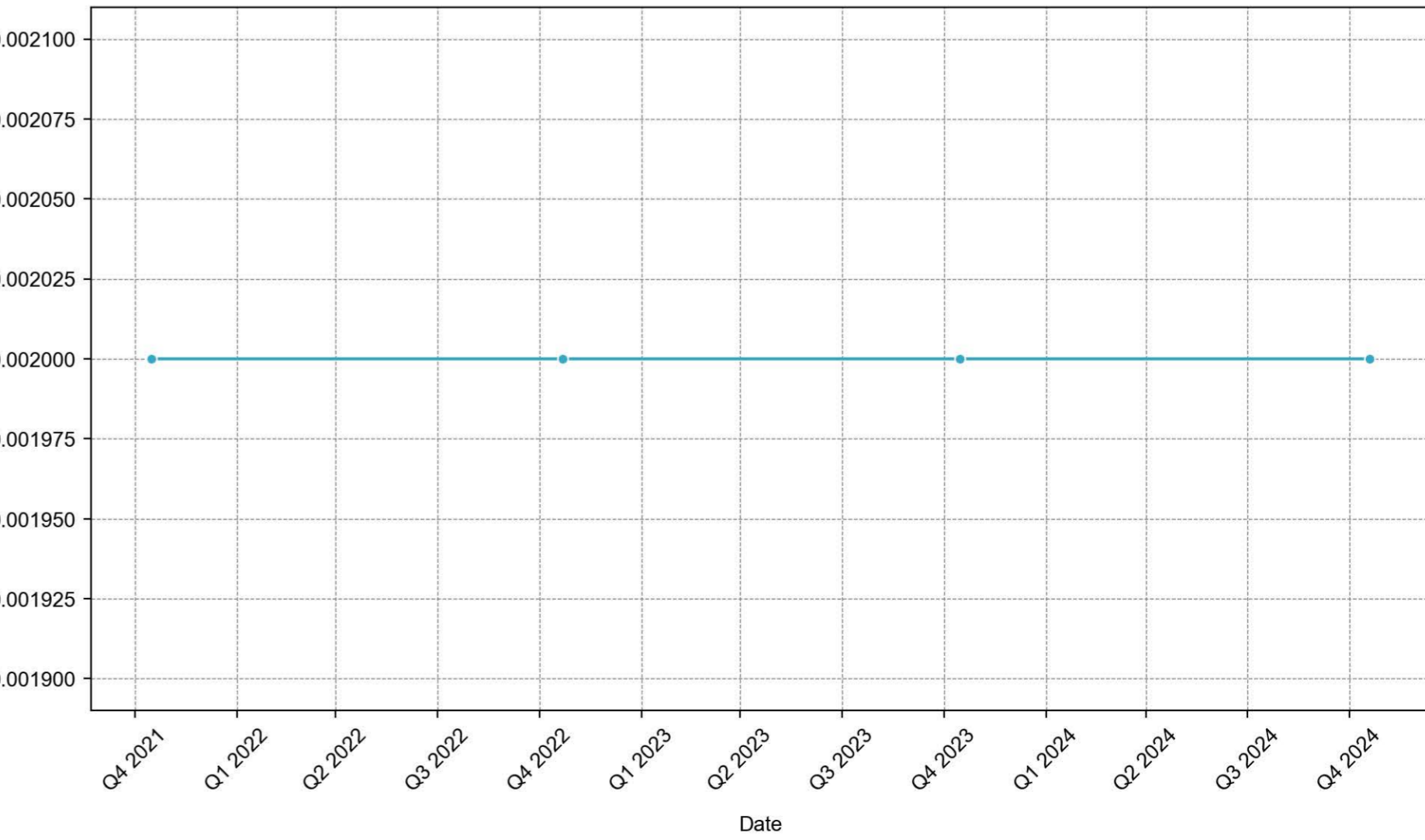
Total Xylenes



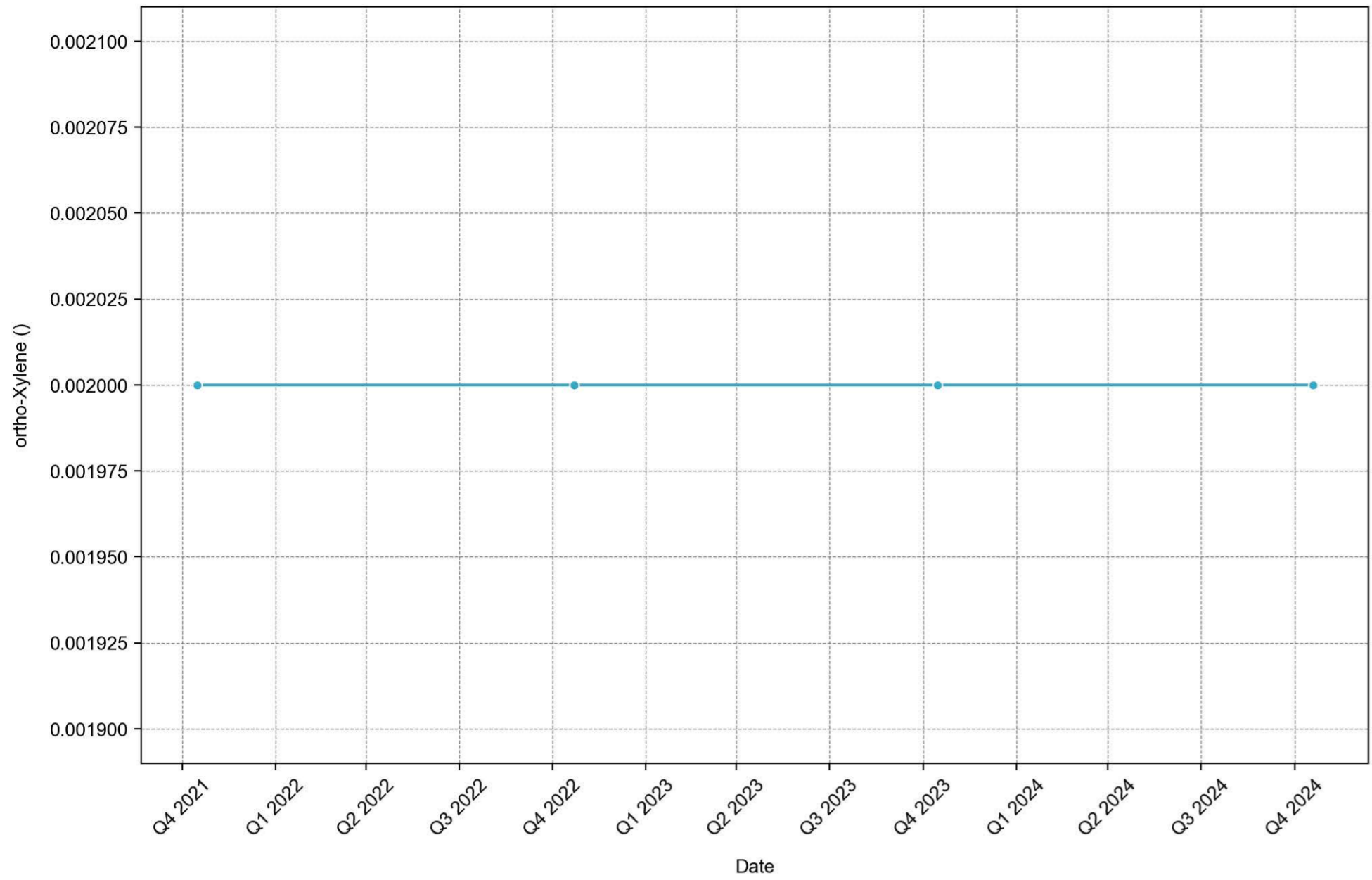
Zinc



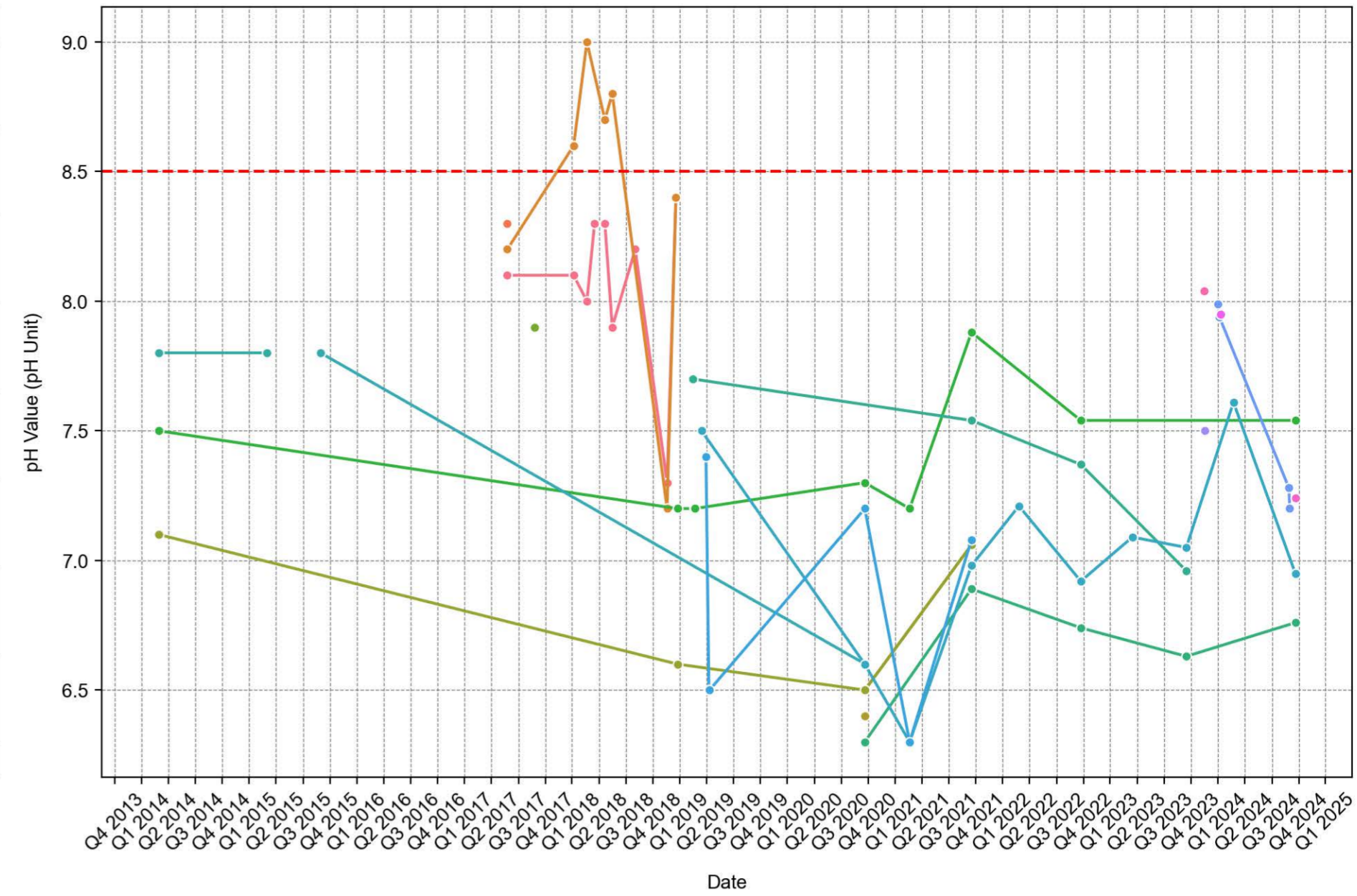
meta- & para-Xylene



ortho-Xylene



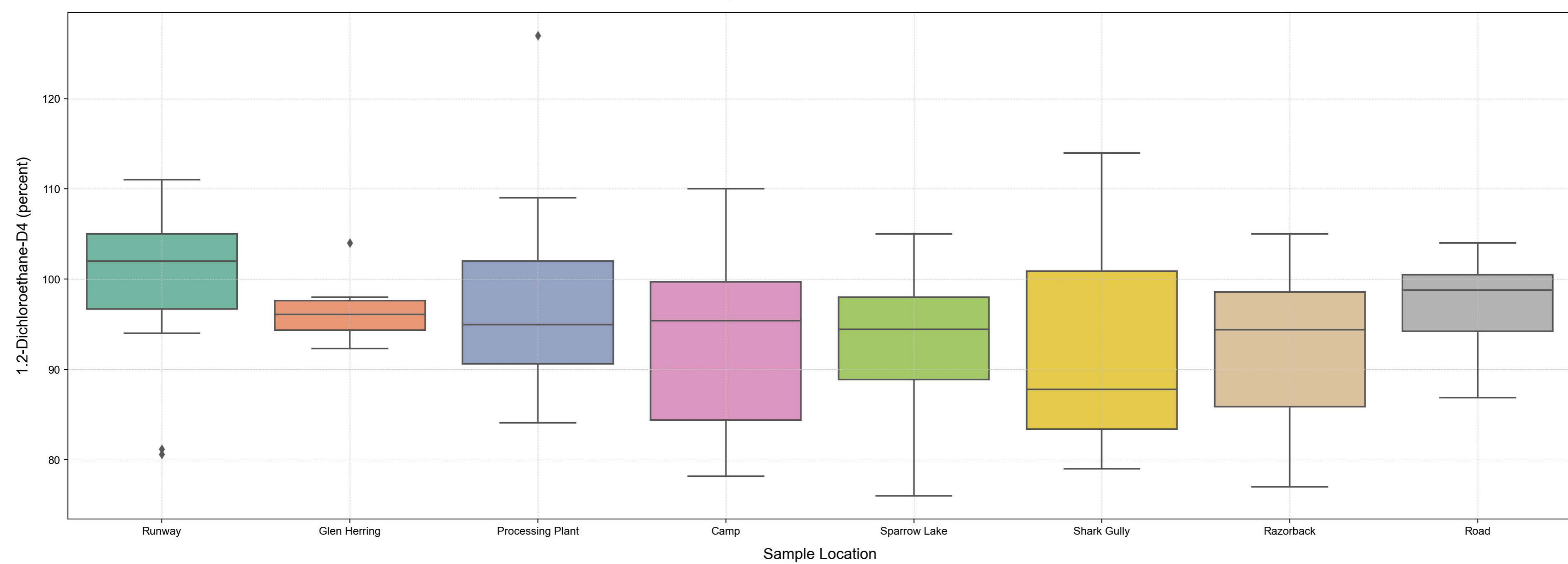
pH Value



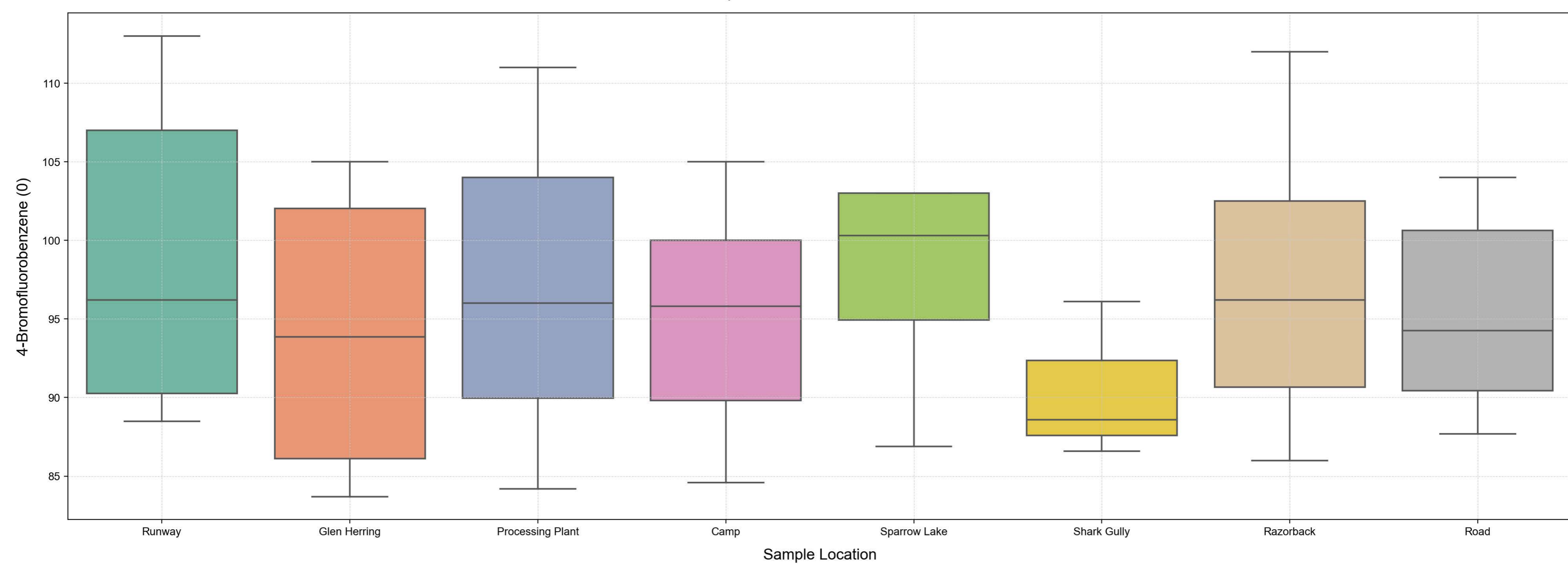
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**Appendix C      Chemical box plots across the Sanjiv Ridge  
Project**

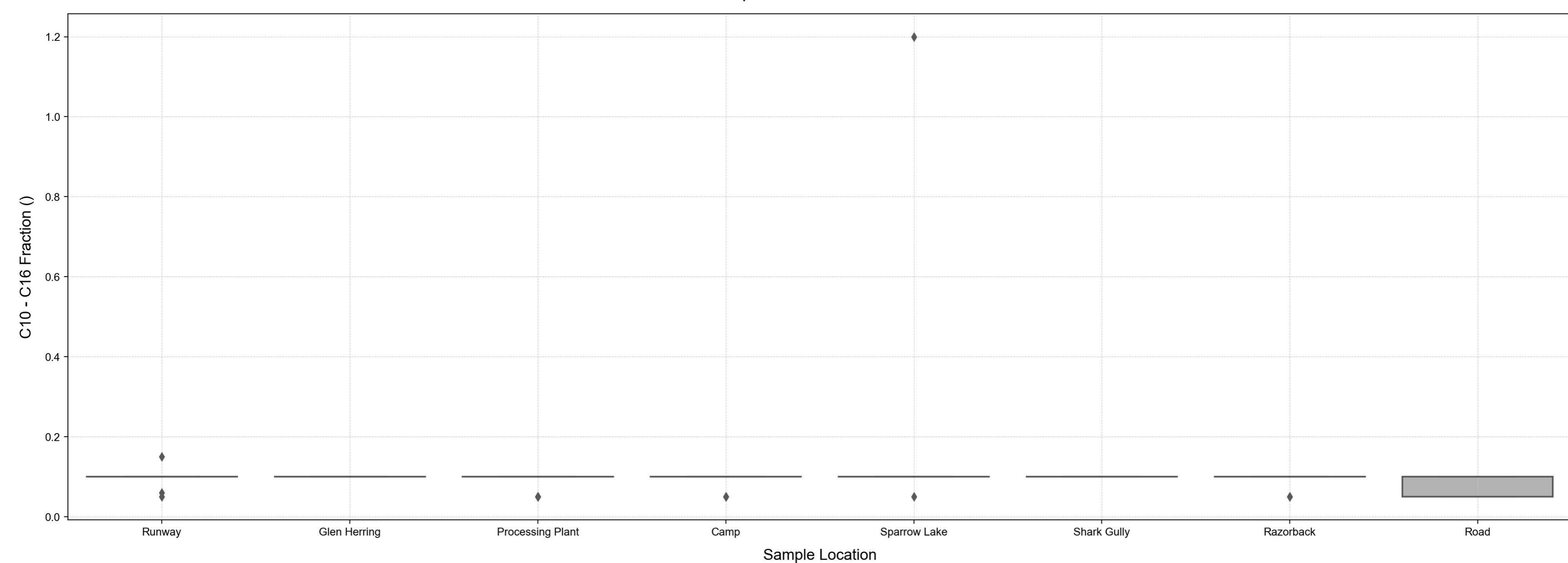
Boxplot: 1,2-Dichloroethane-D4



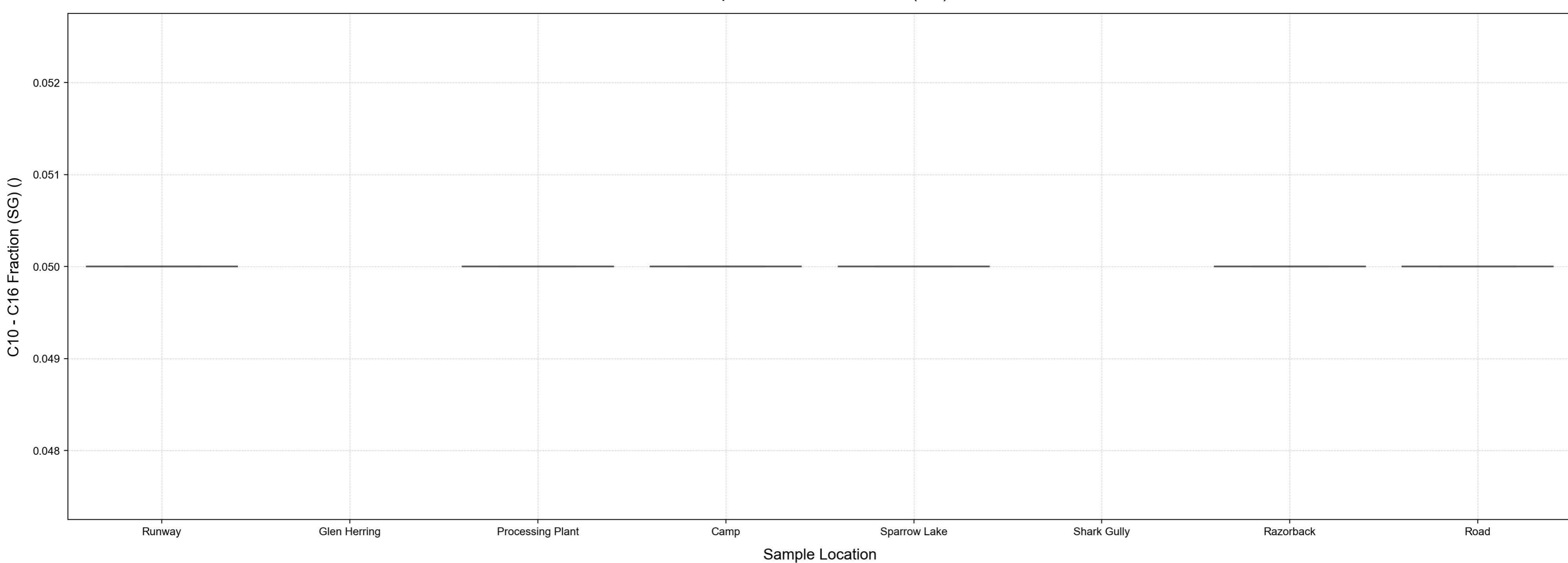
Boxplot: 4-Bromofluorobenzene



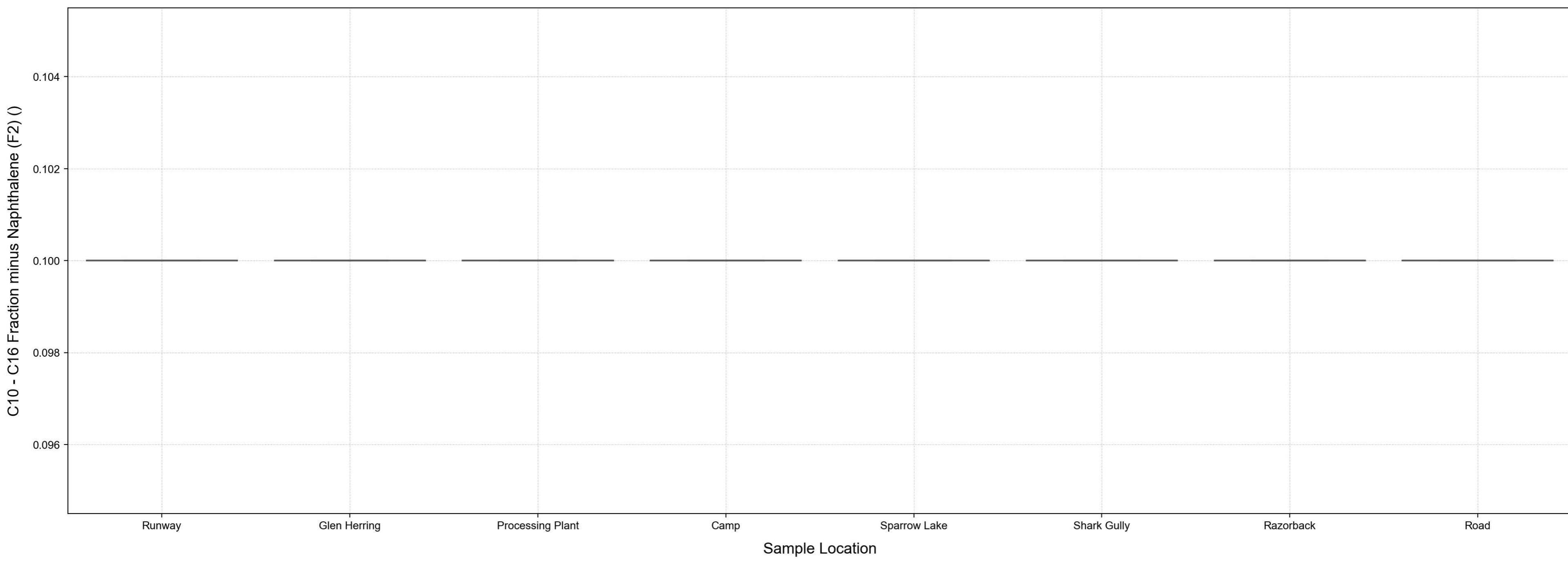
Boxplot: C10 - C16 Fraction



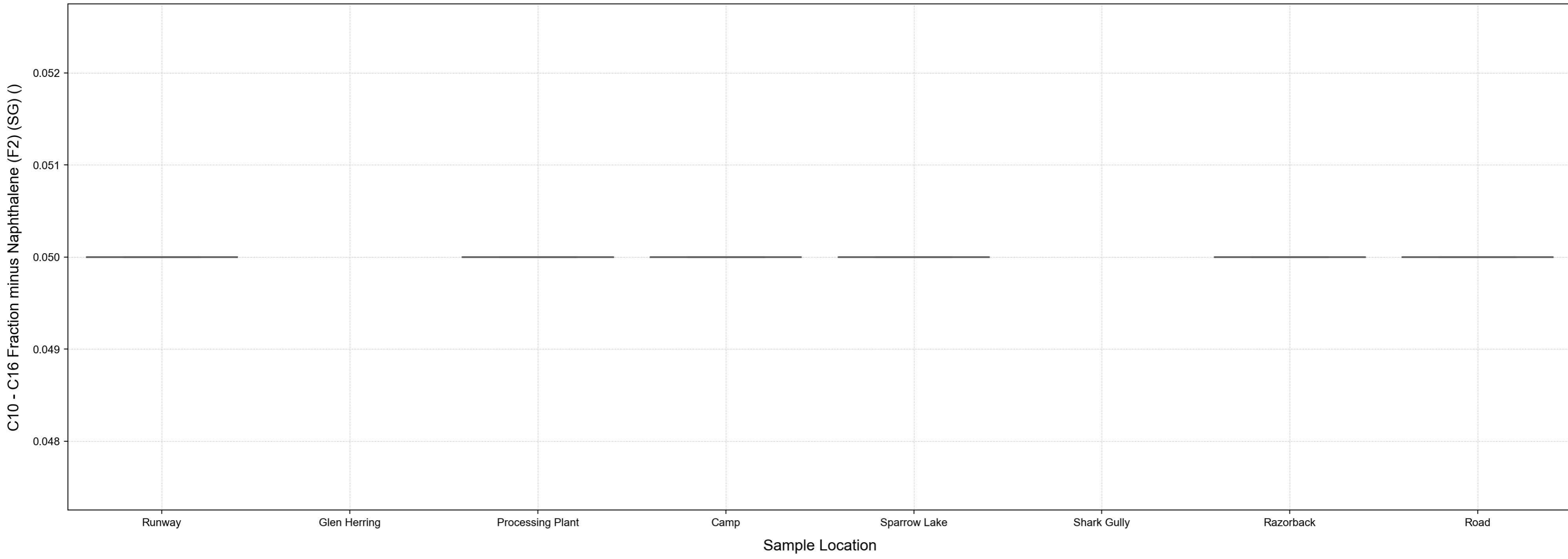
Boxplot: C10 - C16 Fraction (SG)



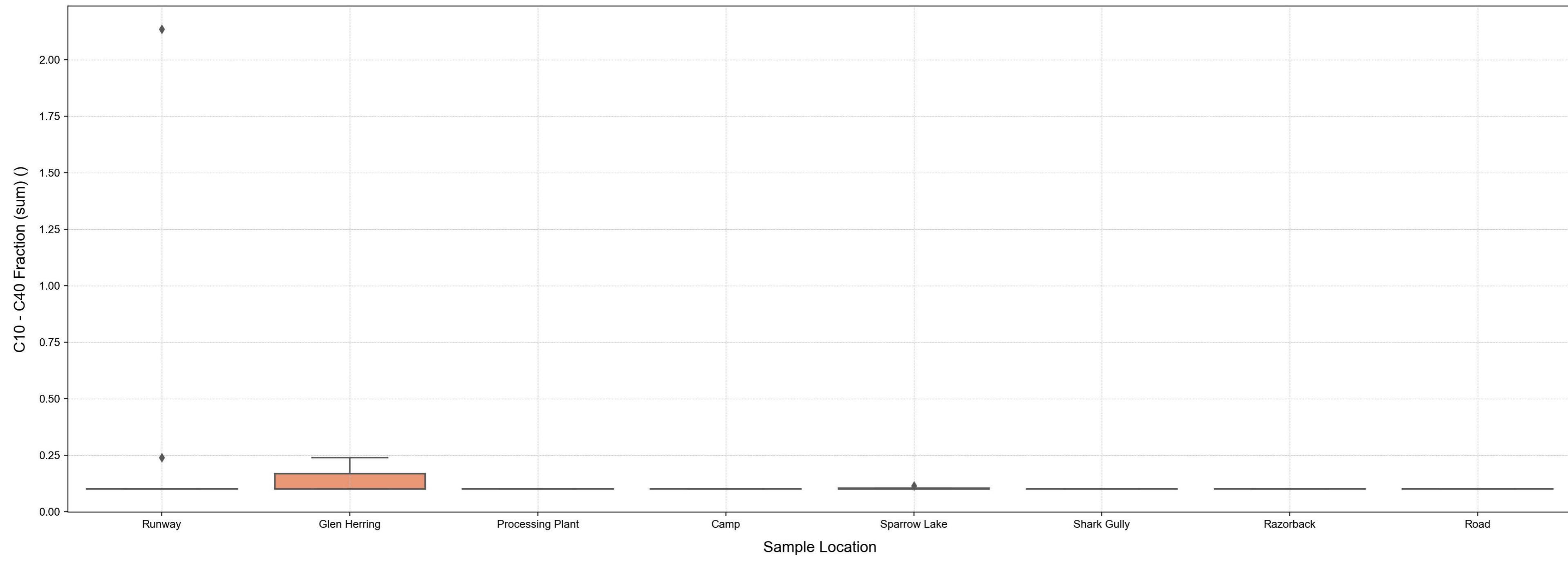
Boxplot: C10 - C16 Fraction minus Naphthalene (F2)



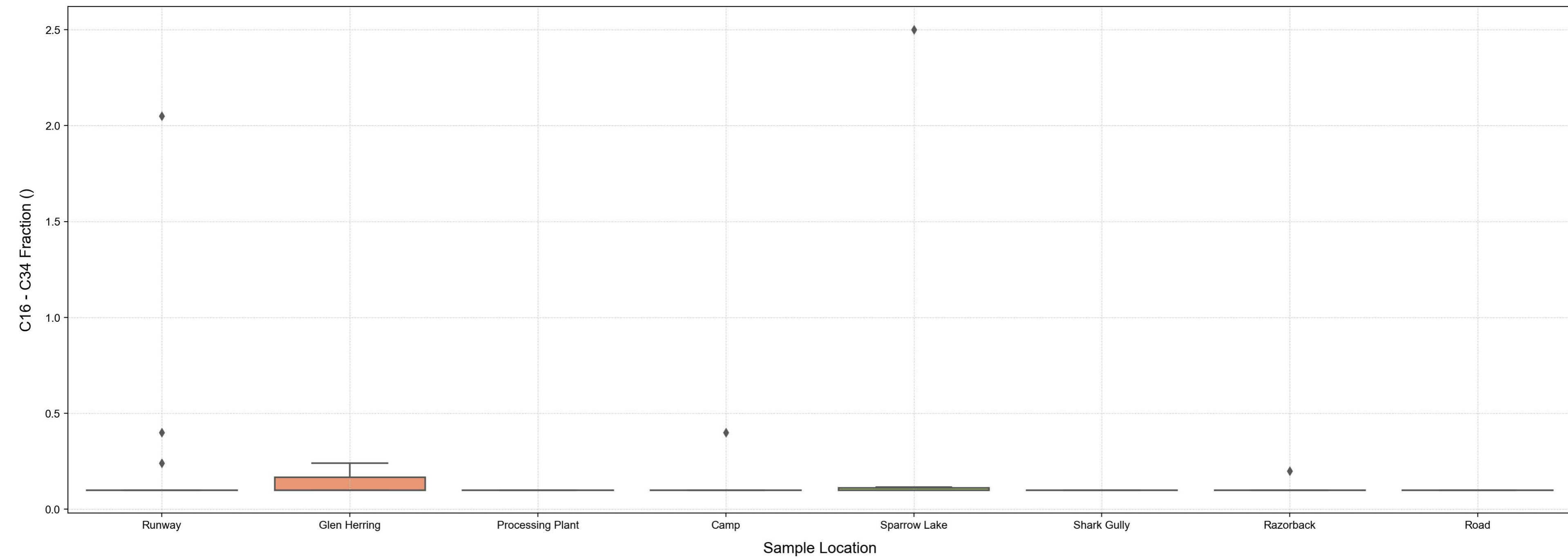
Boxplot: C10 - C16 Fraction minus Naphthalene (F2) (SG)



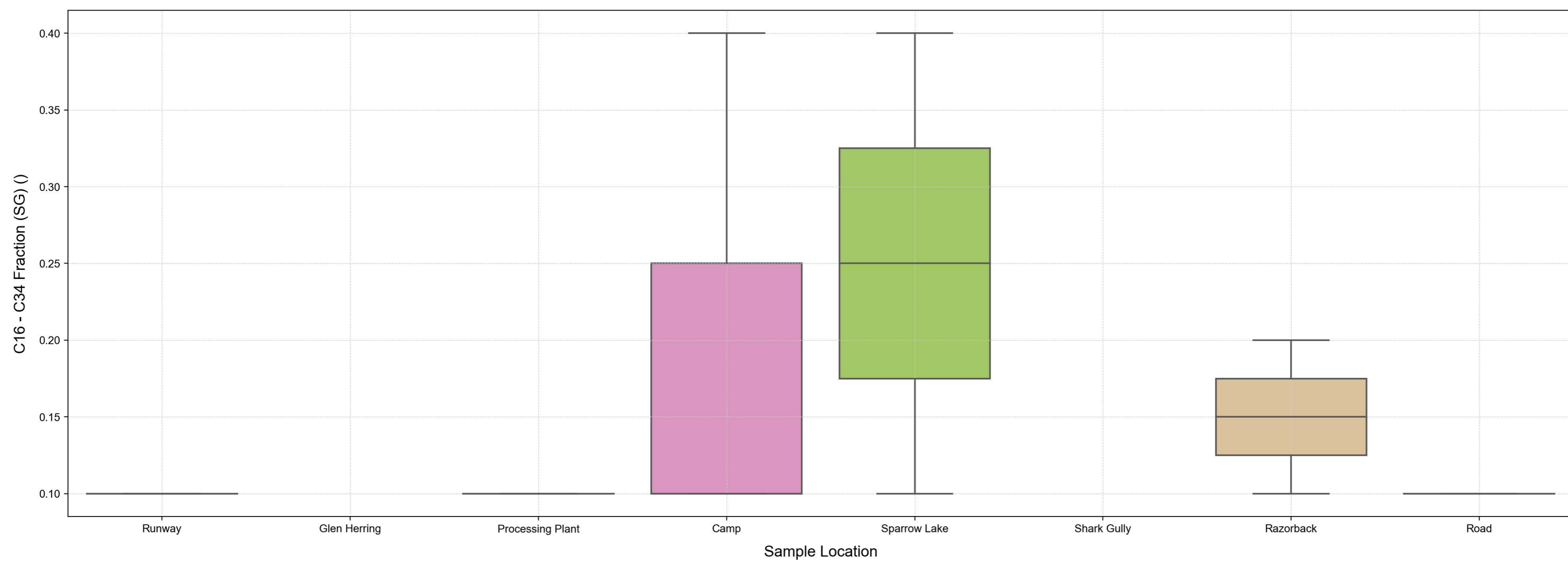
Boxplot: C10 - C40 Fraction (sum)



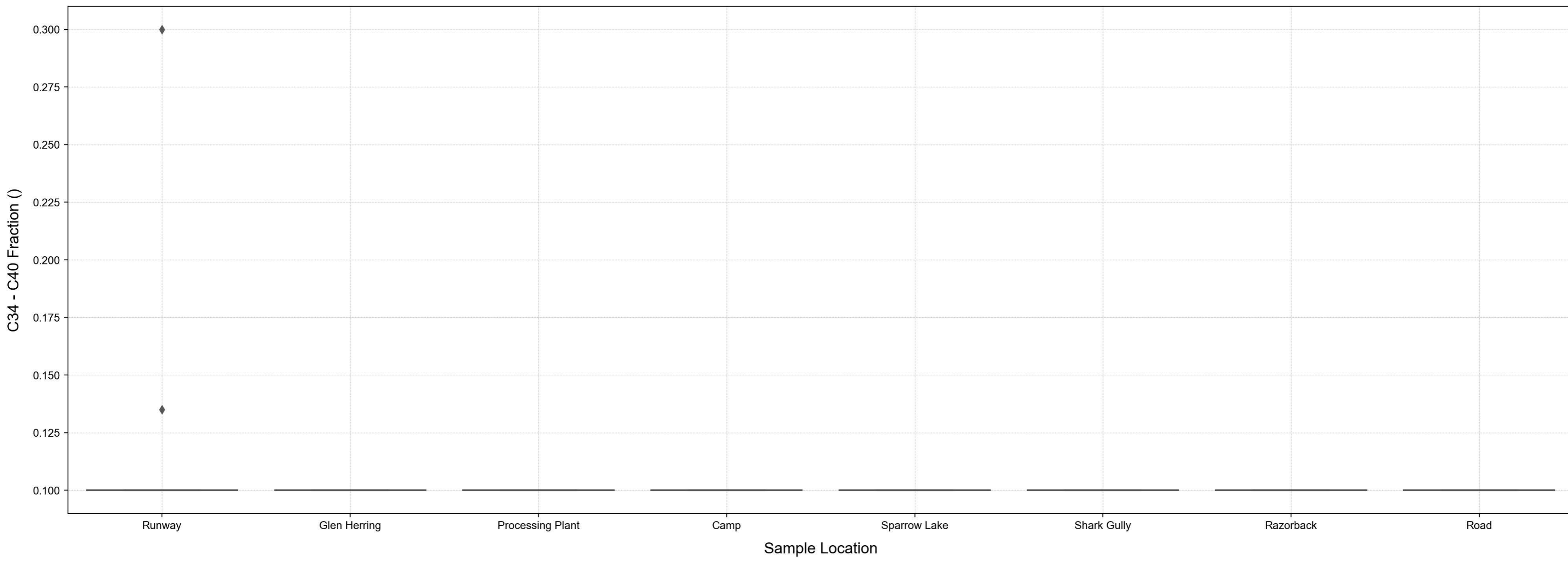
Boxplot: C16 - C34 Fraction



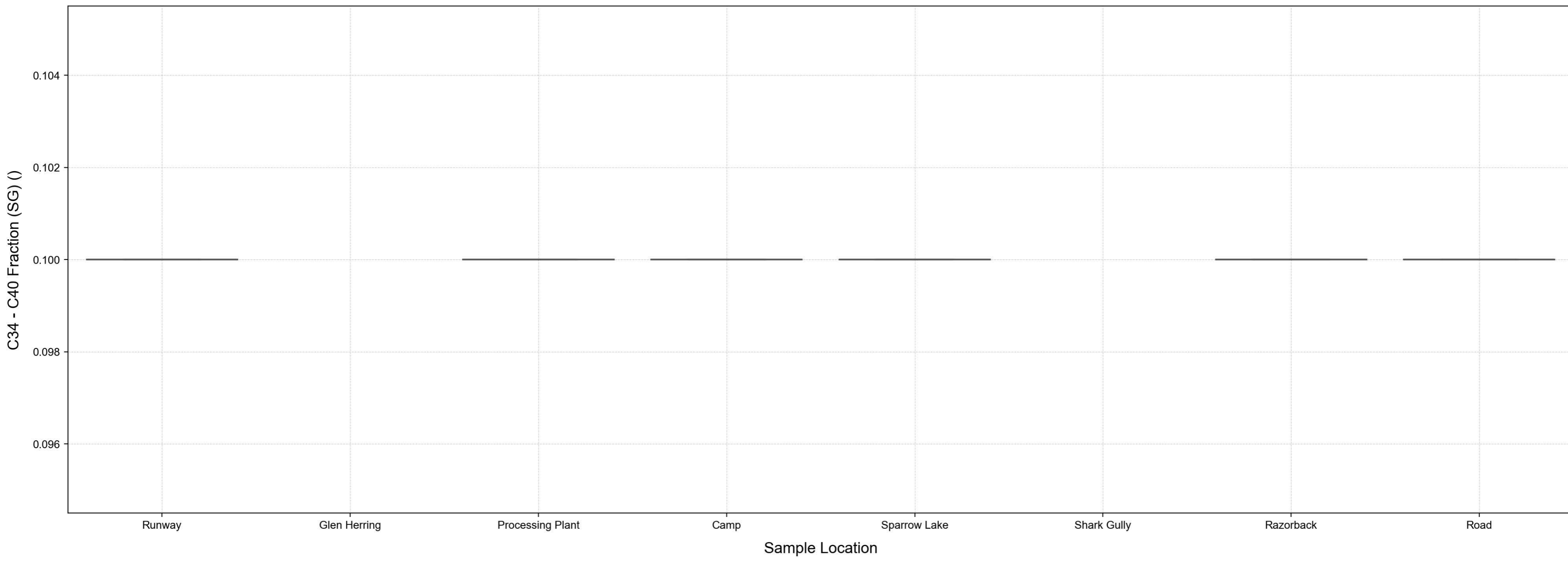
Boxplot: C16 - C34 Fraction (SG)



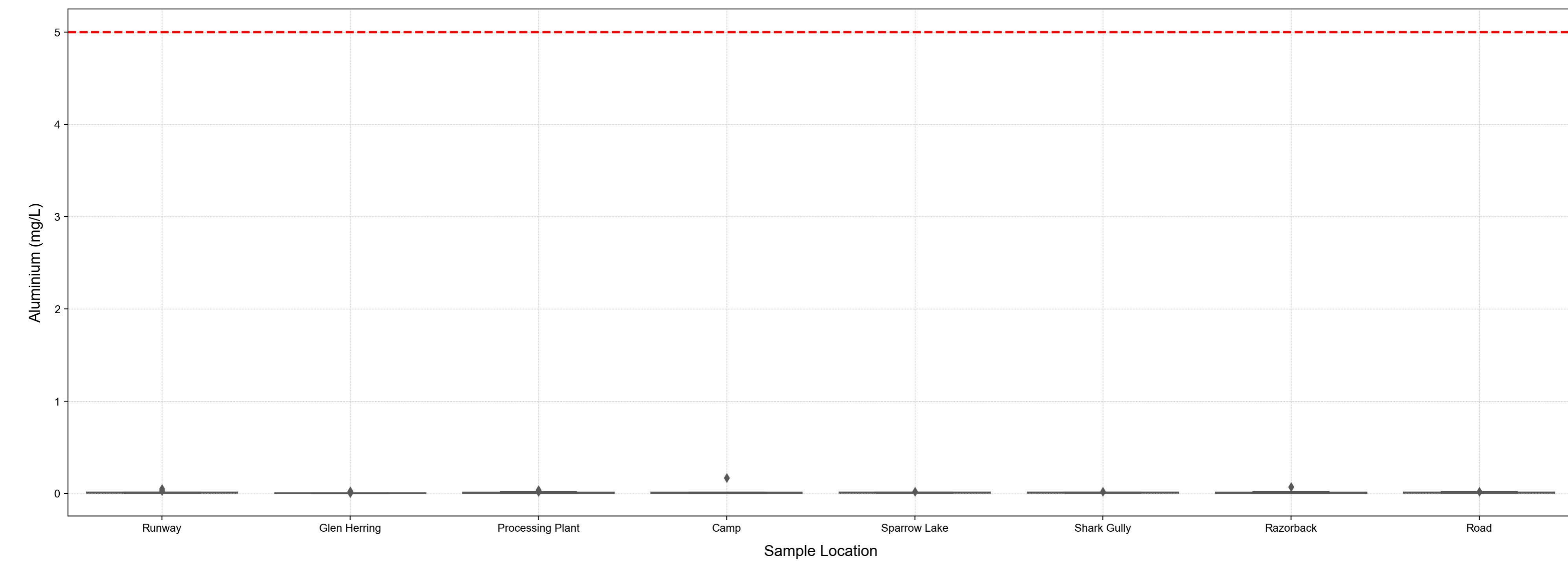
Boxplot: C34 - C40 Fraction



Boxplot: C34 - C40 Fraction (SG)

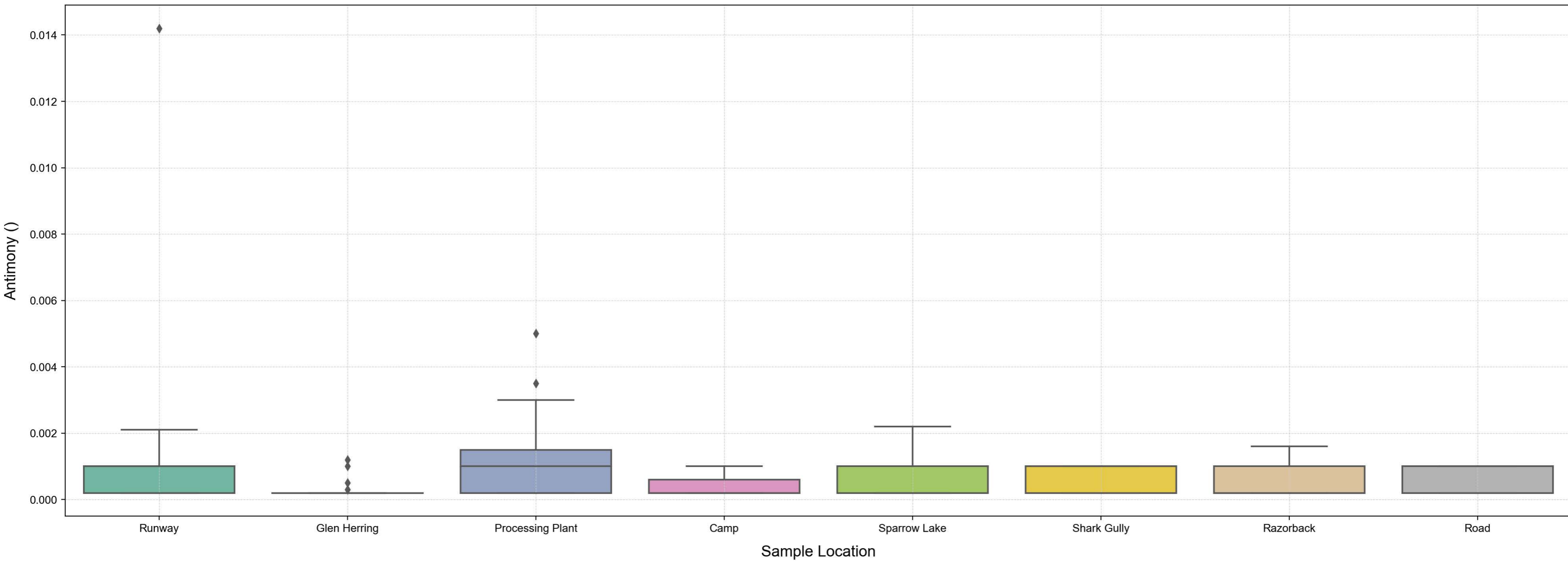


Boxplot: Aluminium

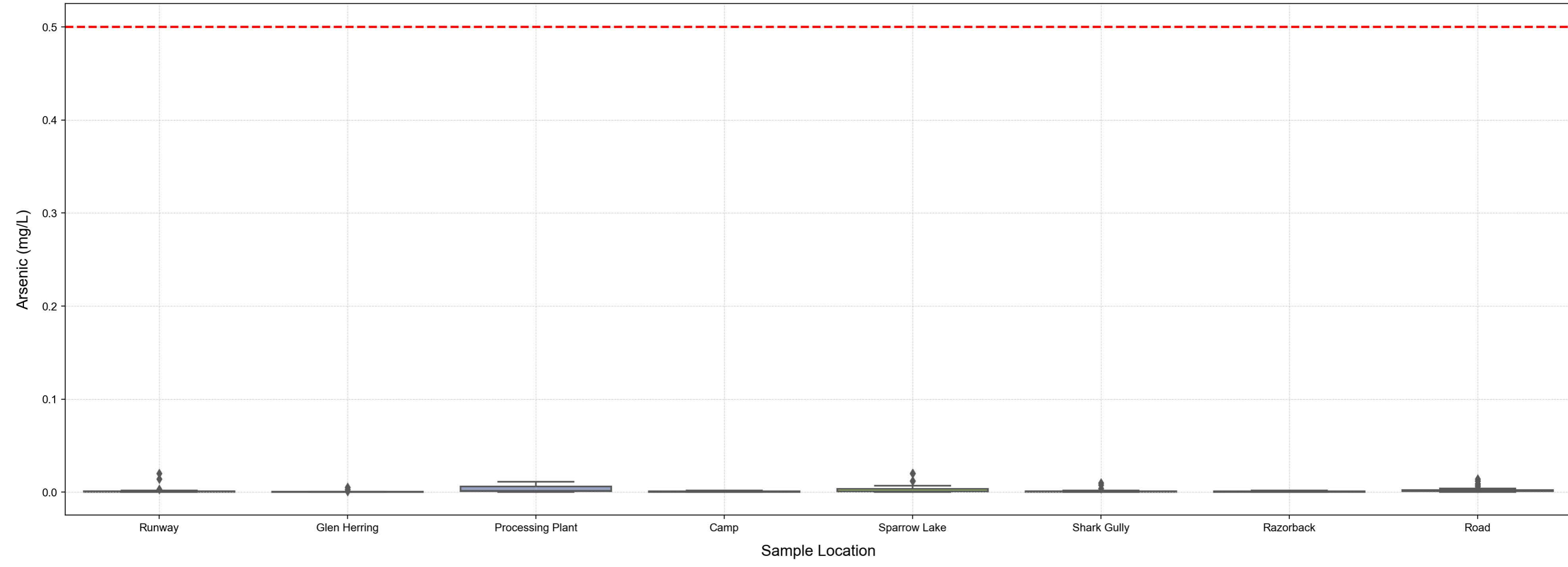


--- ANZECC Limit

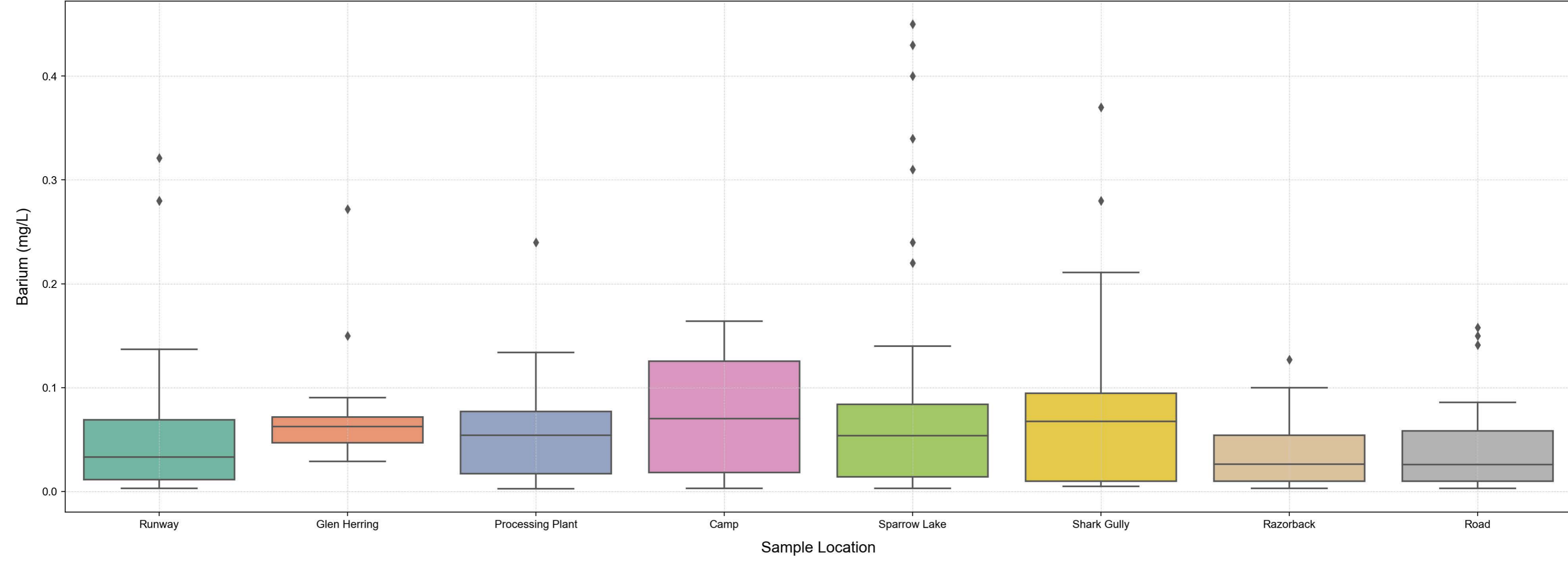
Boxplot: Antimony



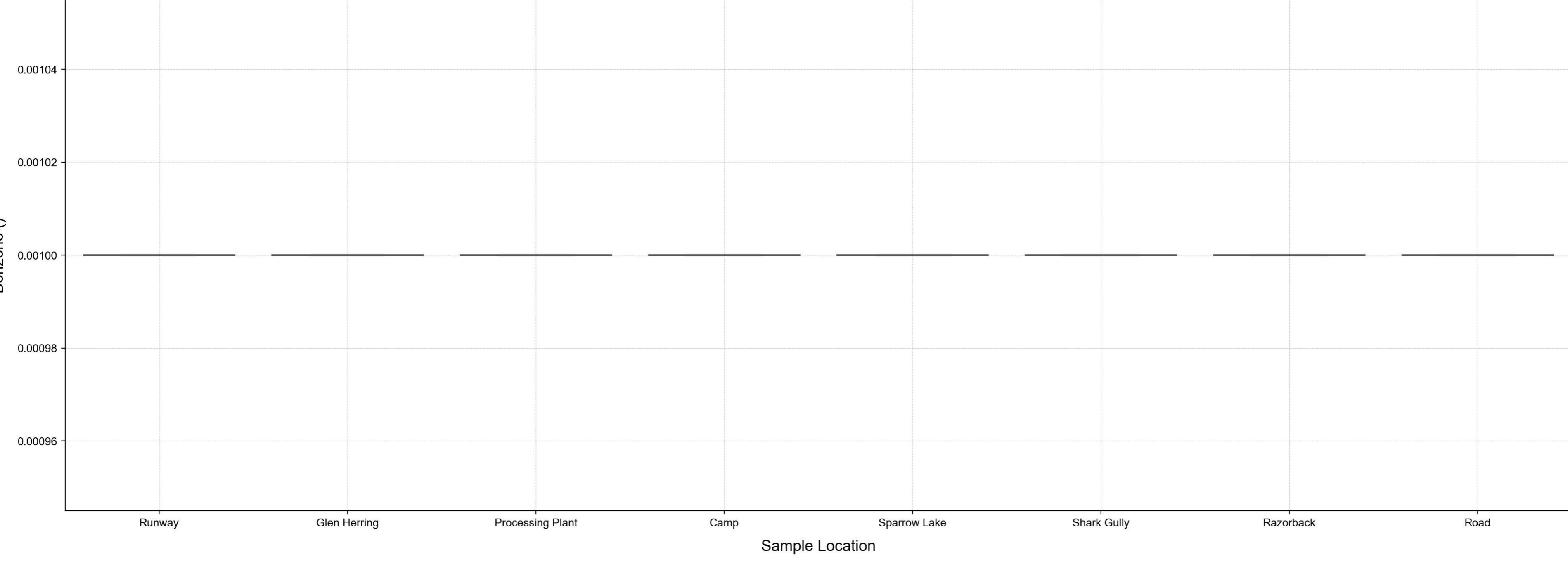
Boxplot: Arsenic



Boxplot: Barium

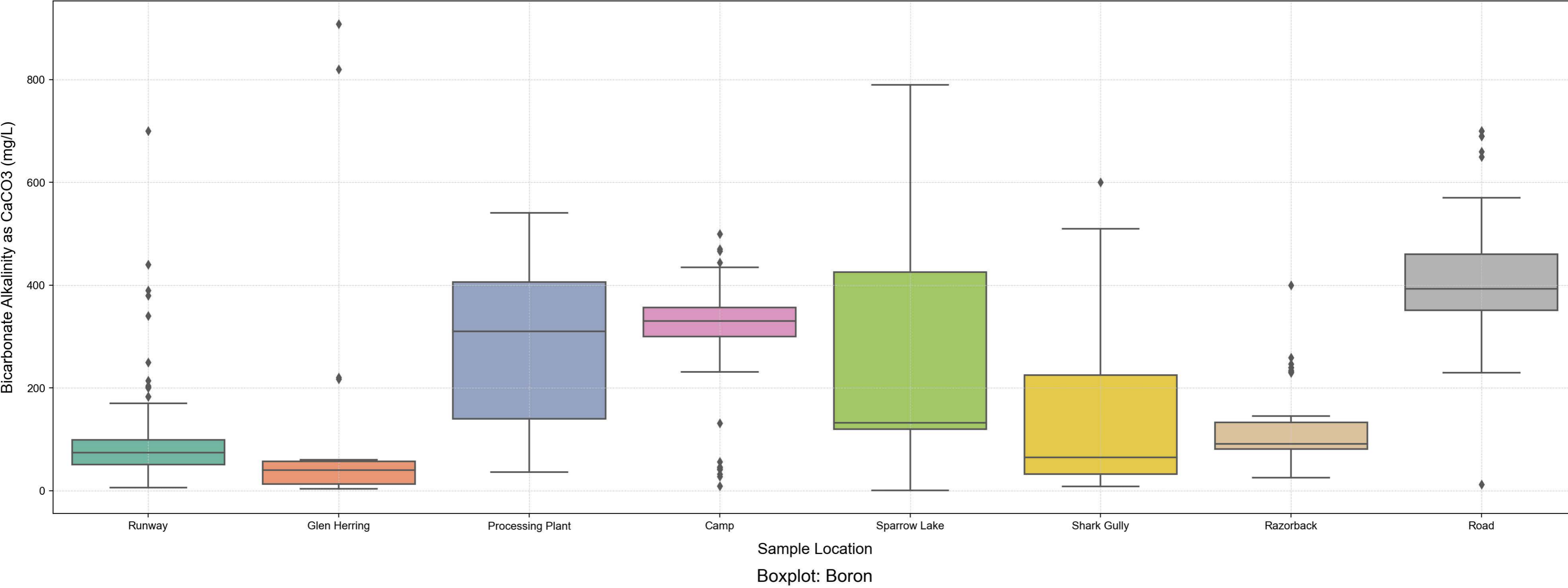


Boxplot: Benzene

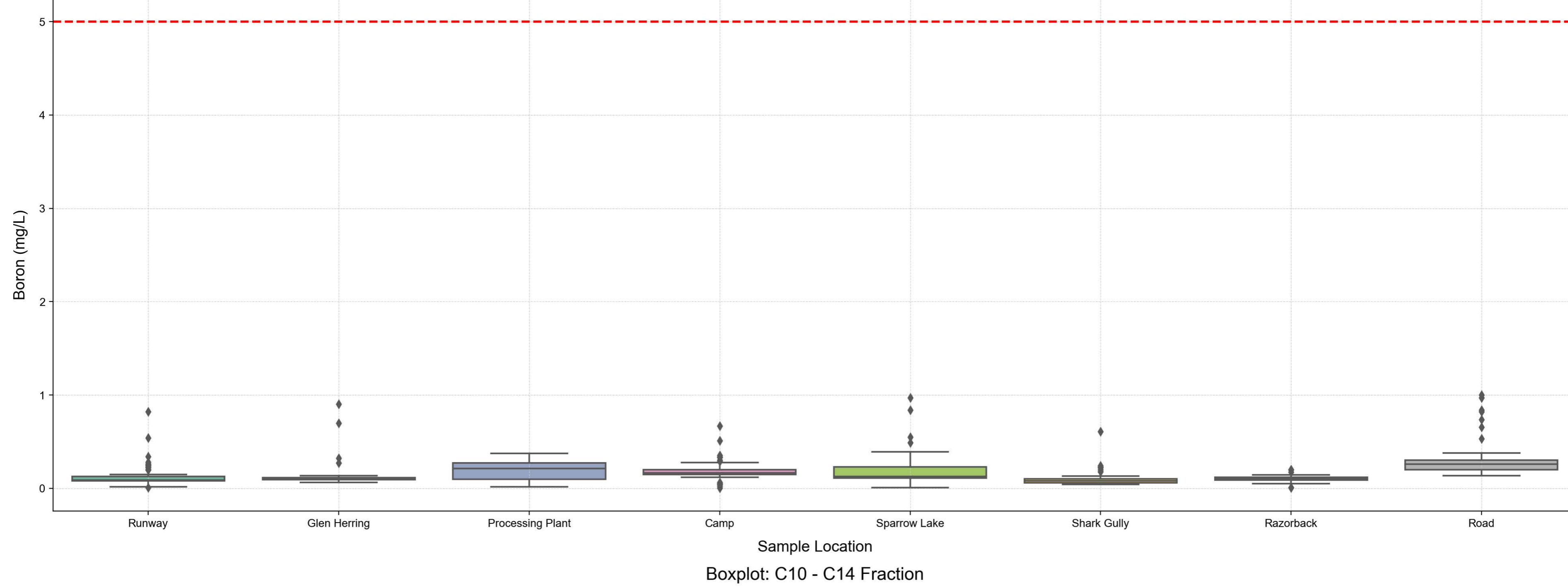


--- ANZECC Limit

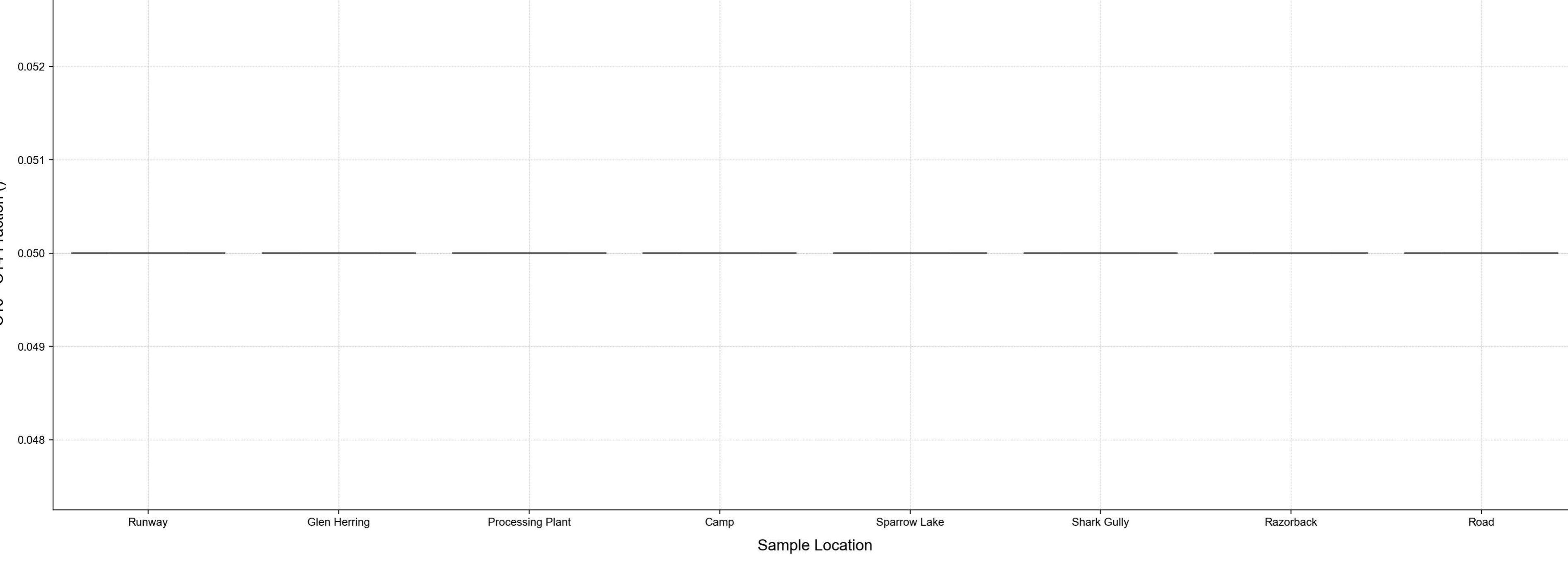
Boxplot: Bicarbonate Alkalinity as CaCO3



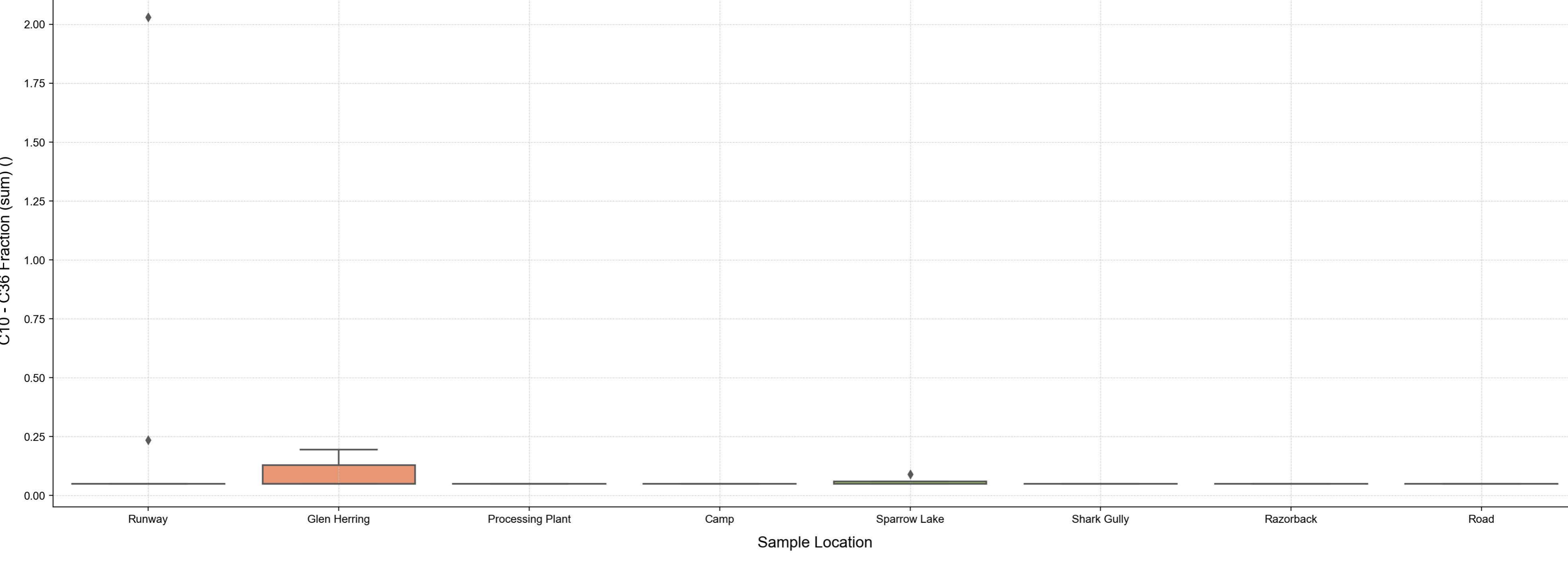
Sample Location  
Boxplot: Boron



Sample Location  
Boxplot: C10 - C14 Fraction

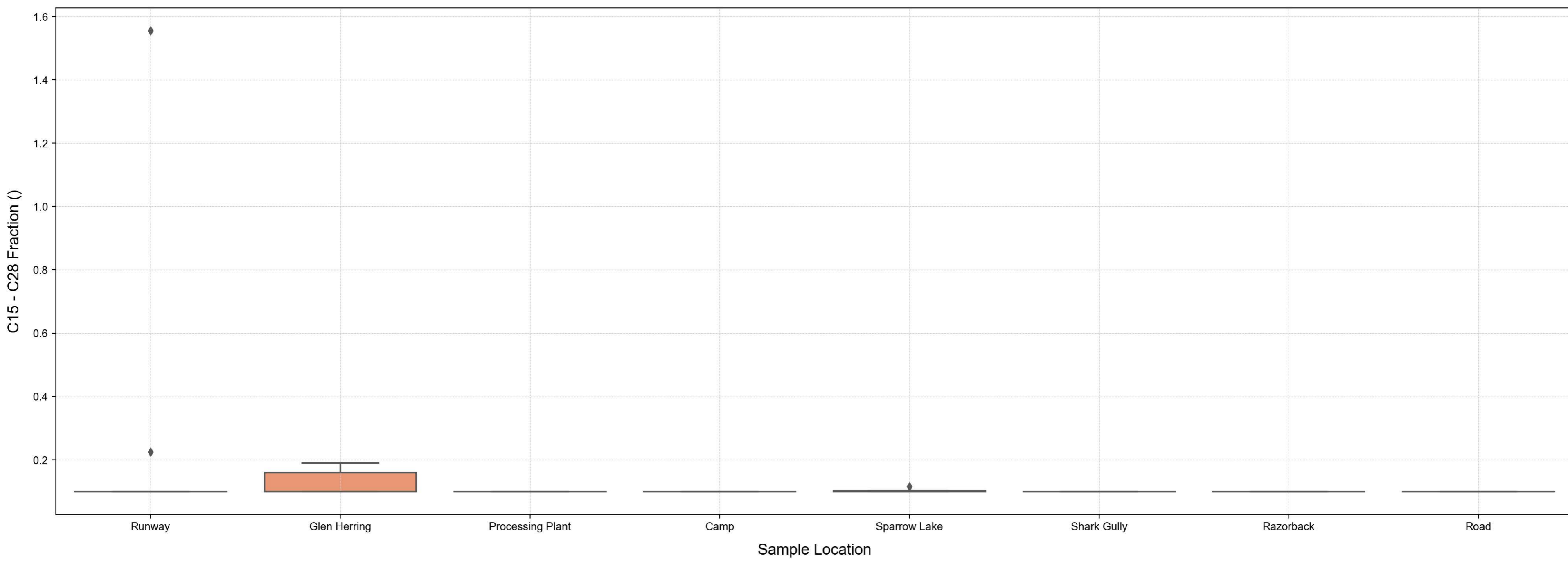


Sample Location  
Boxplot: C10 - C36 Fraction (sum)

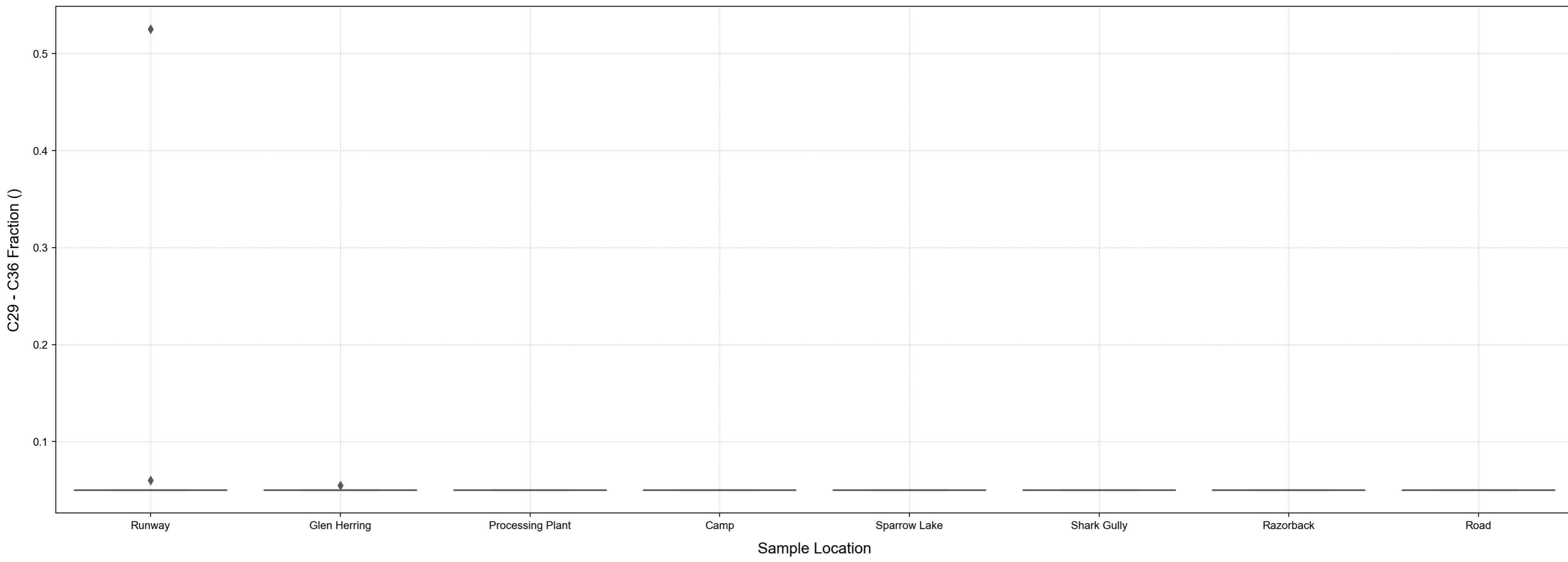


--- ANZECC Limit

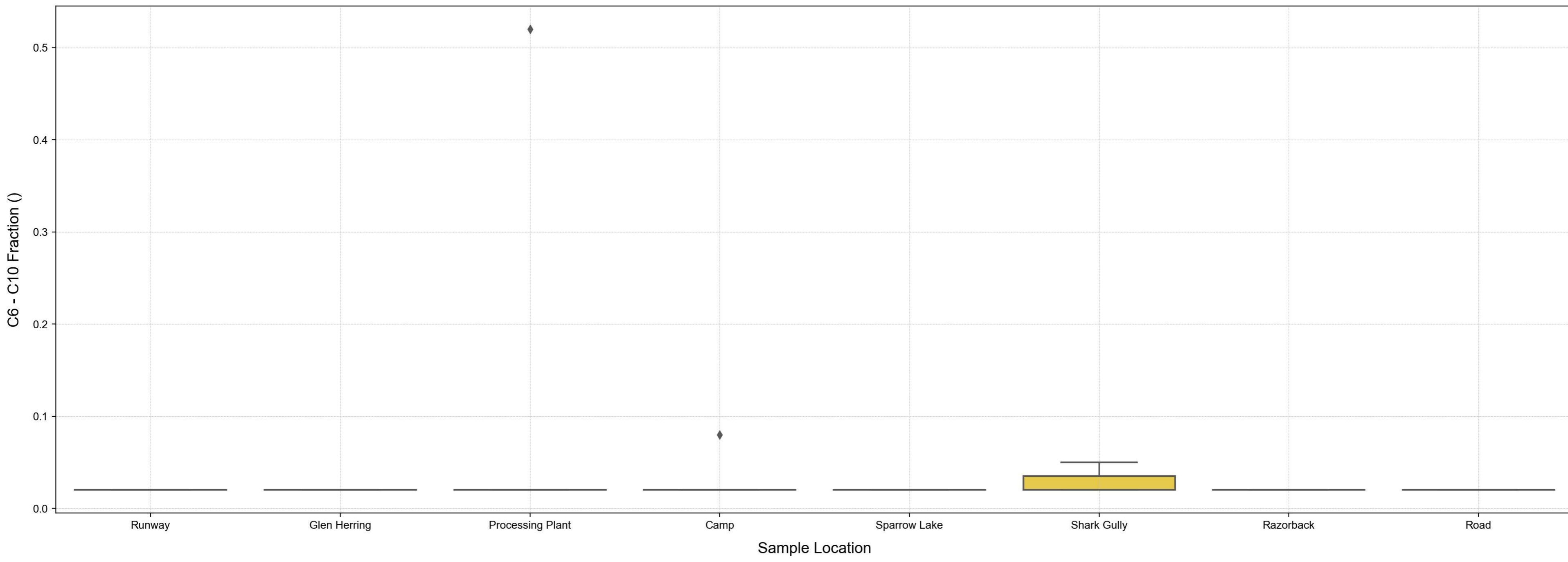
Boxplot: C15 - C28 Fraction



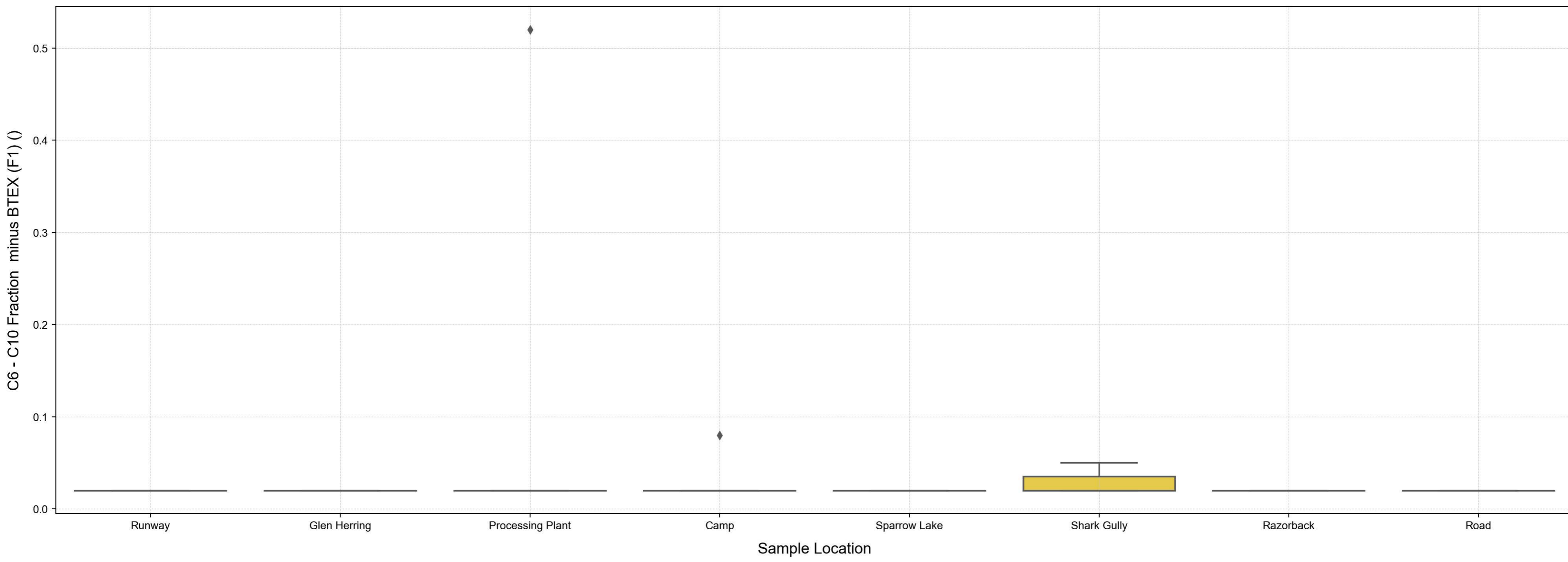
Boxplot: C29 - C36 Fraction



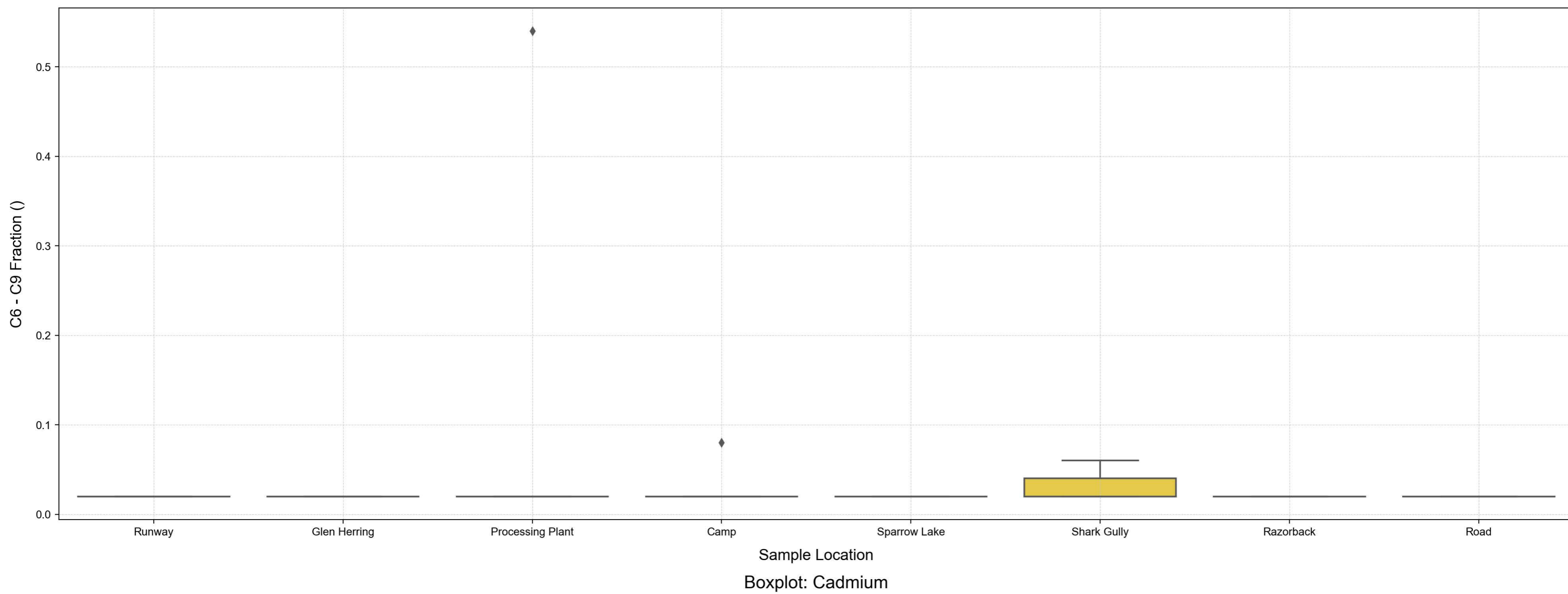
Boxplot: C6 - C10 Fraction



Boxplot: C6 - C10 Fraction minus BTEX (F1)

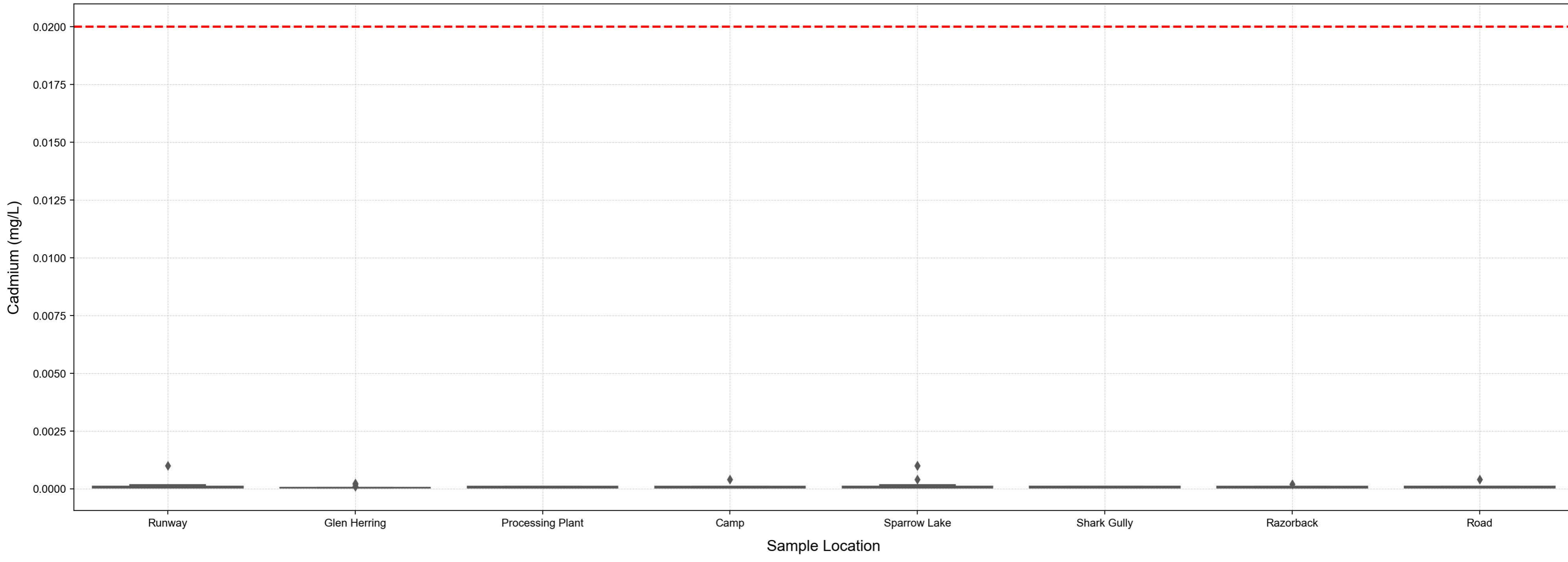


Boxplot: C6 - C9 Fraction



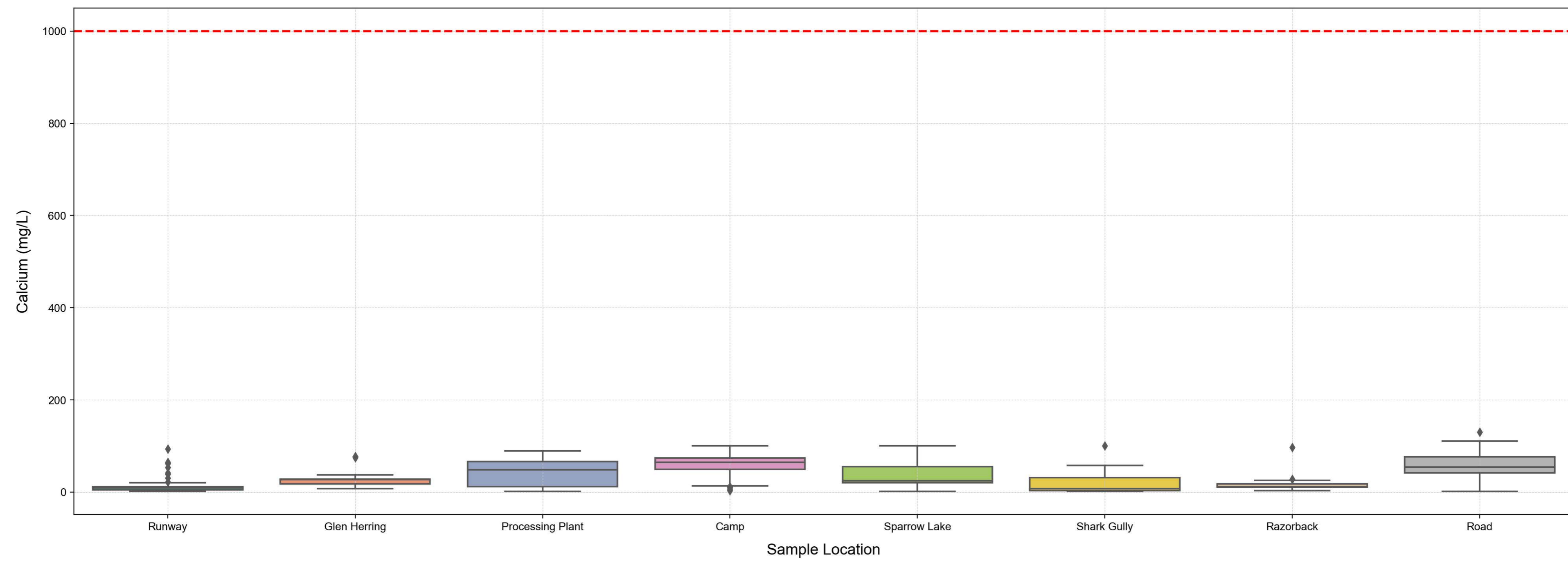
Sample Location

Boxplot: Cadmium



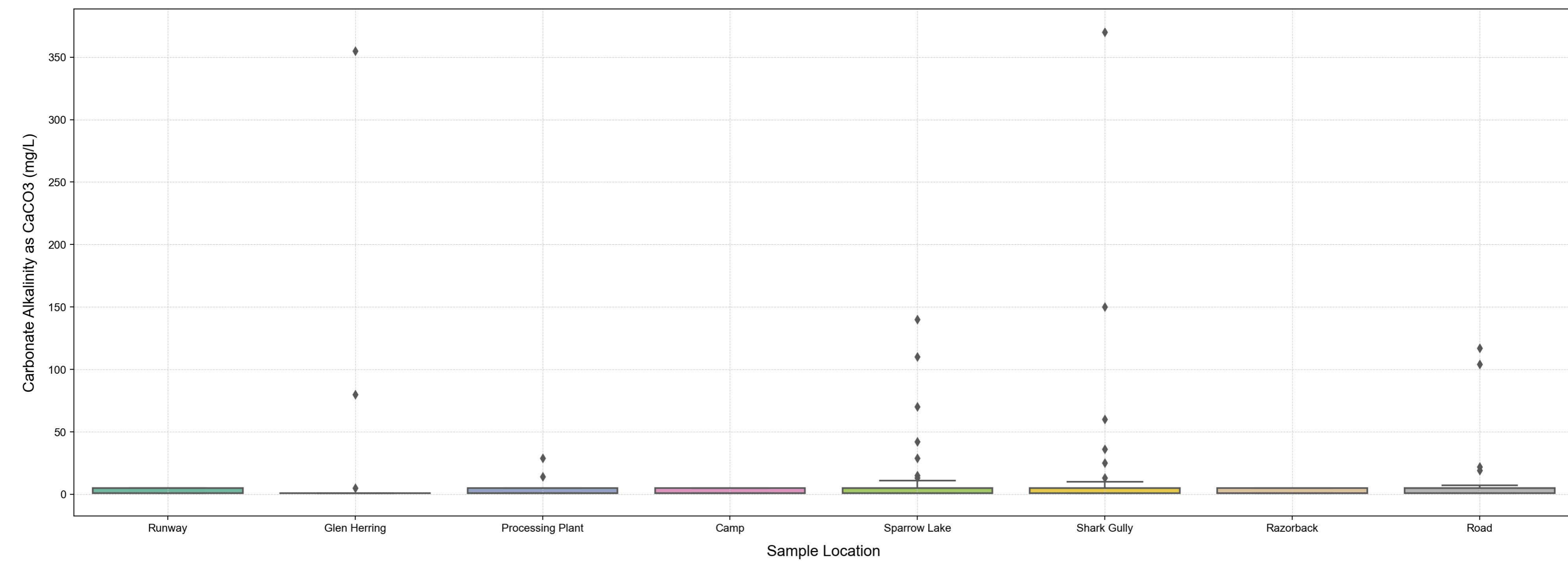
Sample Location

Boxplot: Calcium



Sample Location

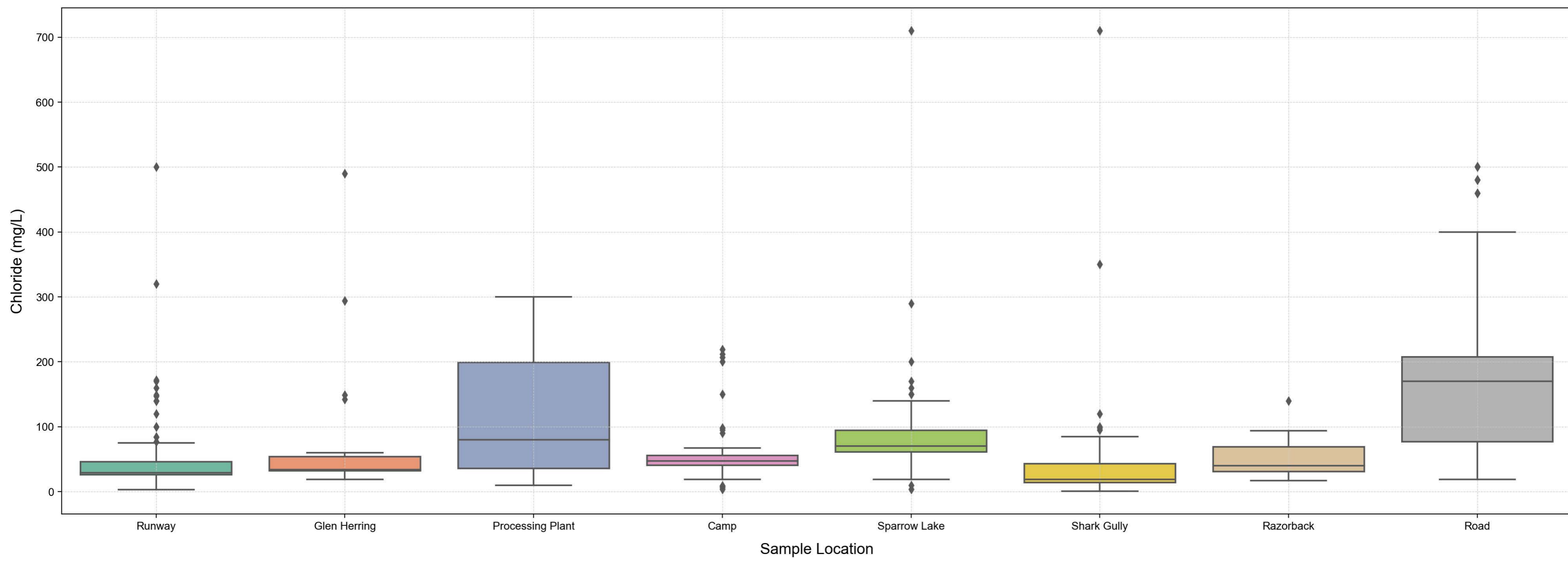
Boxplot: Carbonate Alkalinity as CaCO3



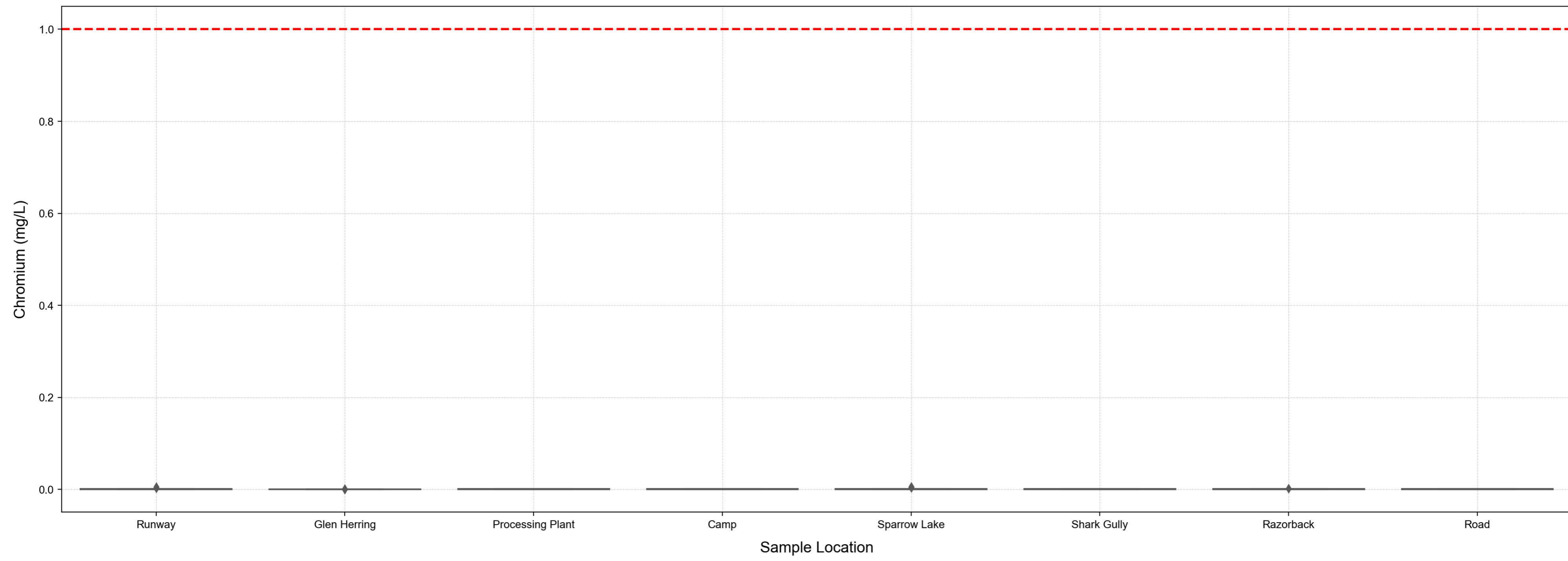
Sample Location

--- ANZECC Limit

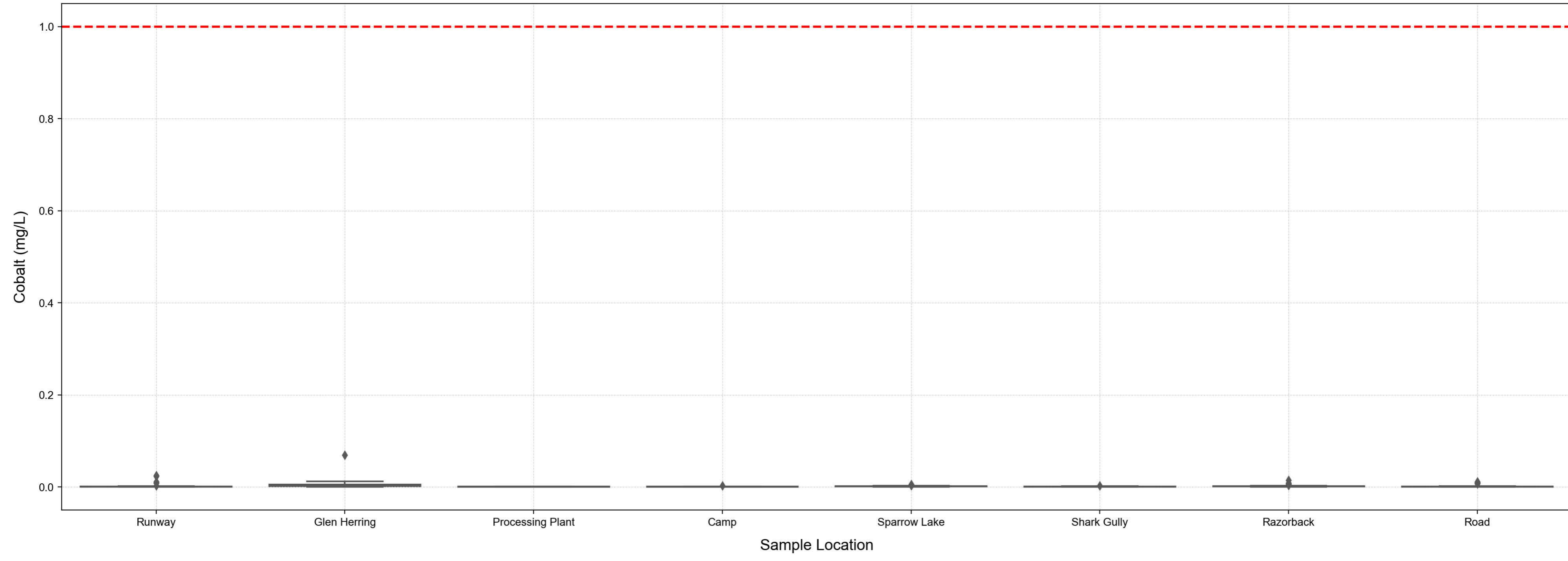
Boxplot: Chloride



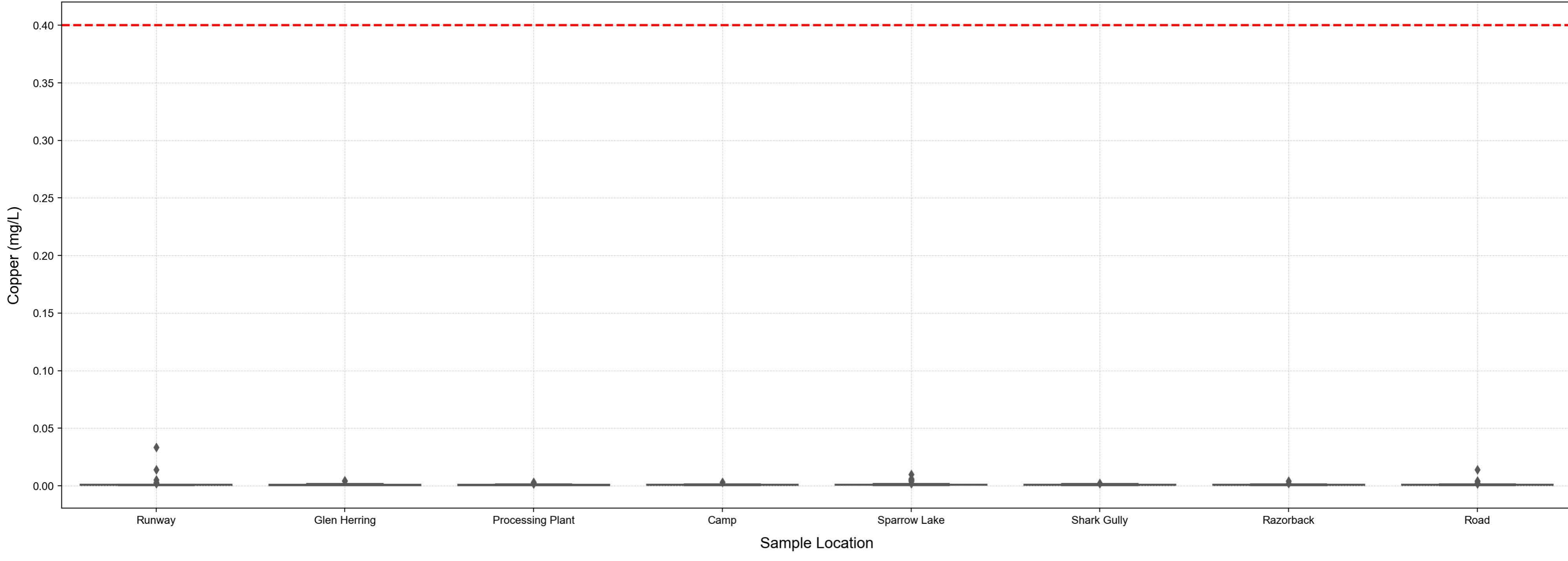
Boxplot: Chromium



Boxplot: Cobalt



Boxplot: Copper



--- ANZECC Limit