

SEGUIMENT DELS PARÀMETRES DE QUALITAT DE L'AIGUA A TERRASSA

Alejandra Calleros Islas.

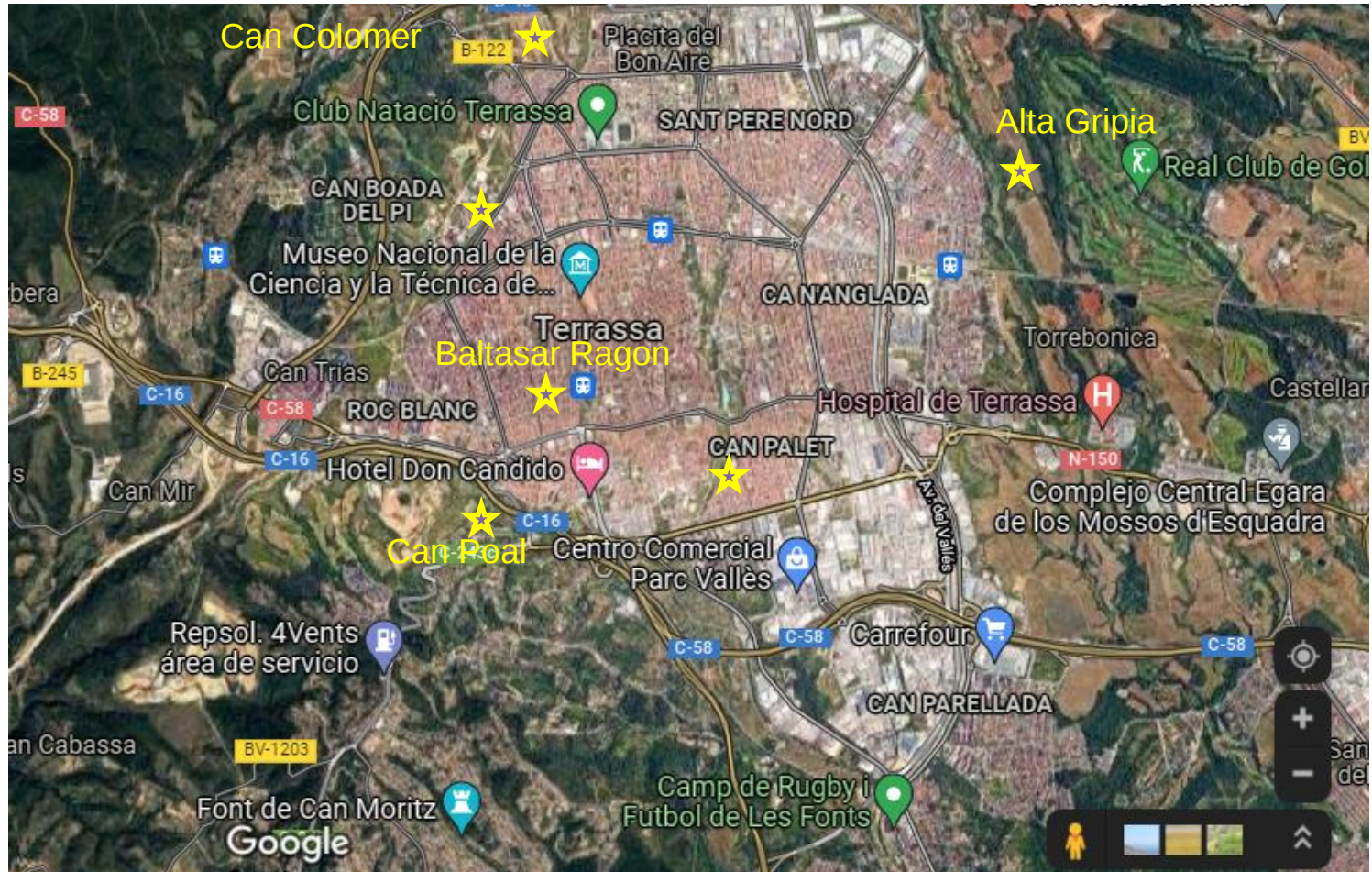
LLTDR1_LLOBREGAT /
CAN BOADA

LLTDR1_Llobregat / Can Boada

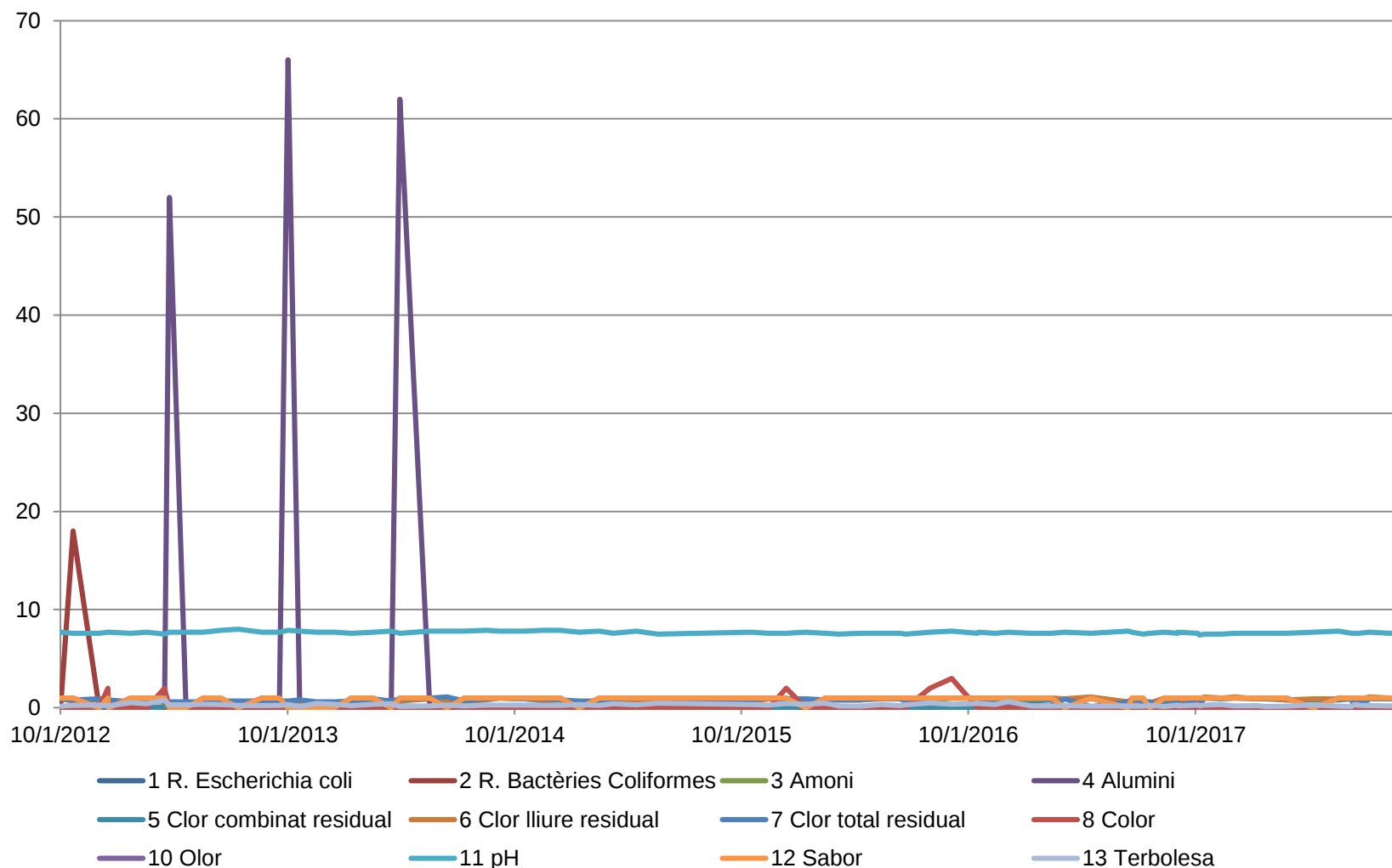
- No hi han dades pels 4 primers paràmetres a la data 10/01/2012
- Al paràmetre "E. Colli" no hi han dades a les dates 10/01/2013 i 19/07/2013
- Al paràmetre "alumini" el valor de "0" vol dir que no hi han dades
- Paràmetres amb valors de rang s'han hagut de canviar per la mitjana (conductivitat, pH i terbolesa)

Valors paramètrics

Paràmetres	Valors de referència
1. R. Escherichia coli	0 UFC/100 ml
2. R. Bactèries Coliformes	0 UFC/100 ml
3. Amoni	0,5 mg/l
4. Aluminio	200 mg/l
5. Clor combinat residual	2 mg/l
6. Clor lliure residual	1 mg/l
7. Clor total residual	-
8. Color	15 mg/l Pt-Co
9. Conductivitat	2500 µS/cm 23°C
10. Olor	3 Index Dil.
11. pH	6,5 - 9,5
12. Sabor	3 Index Dil.
13. Terbolesa	1 U.N.F. Dipòsit; 5 U.N.F. Xarxa

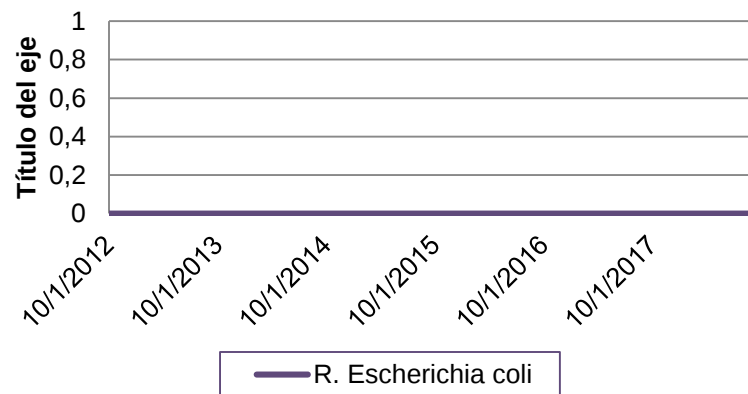


Gràfic amb tots els paràmetres – menys conductivitat

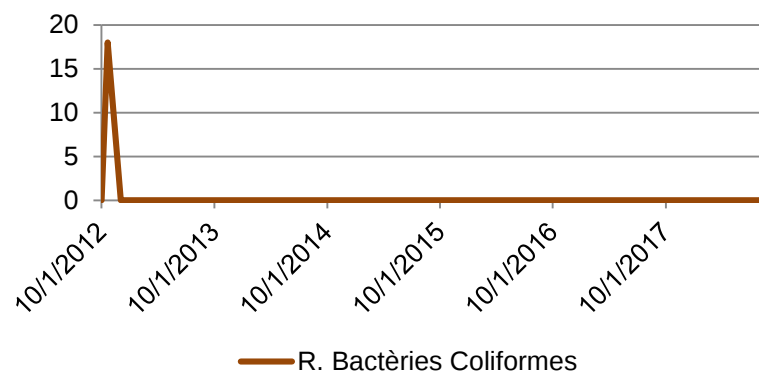


LLTDR1_Llobregat / Can Boada

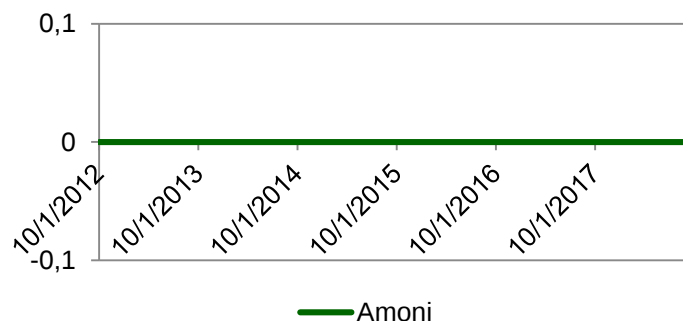
1. R. Escherichia coli



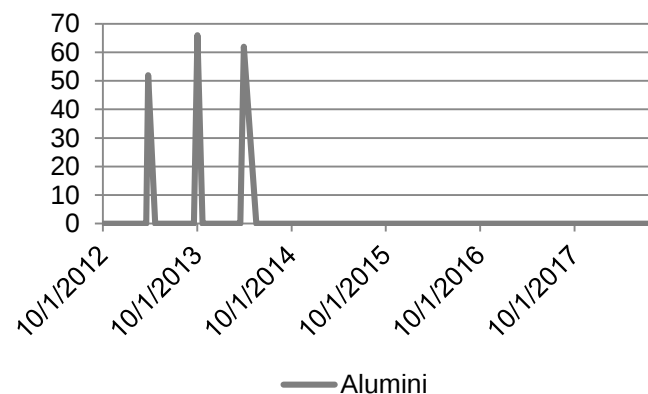
2. R. Bactèries Coliformes



3. Amoni

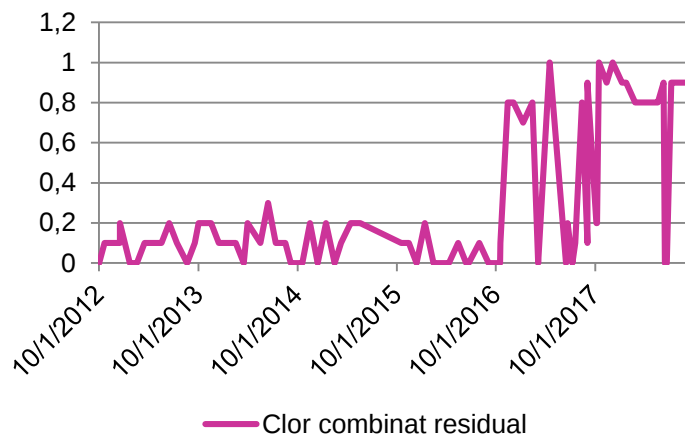


4. Aluminio

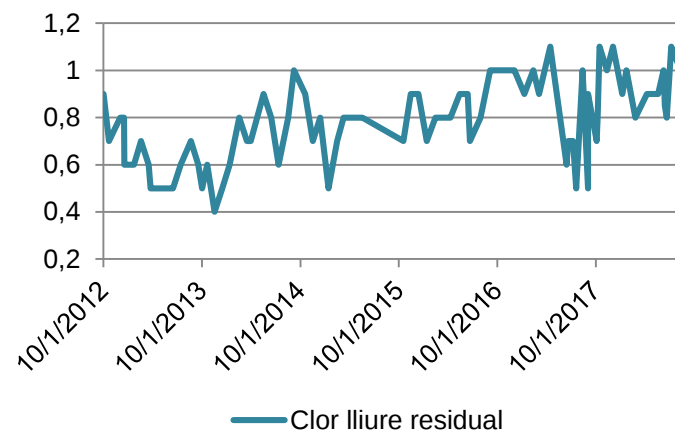


LLTDR1_Llobregat / Can Boada

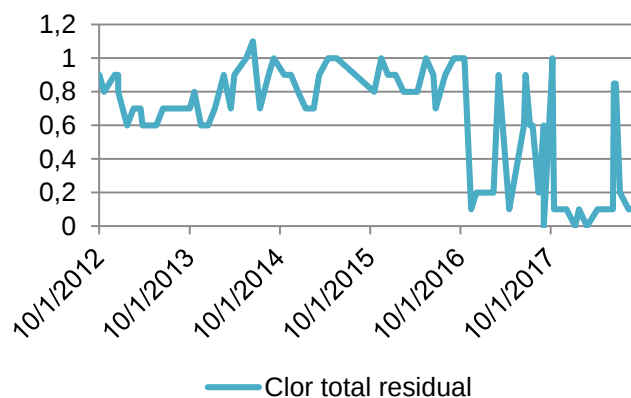
5. Clor combinat residual



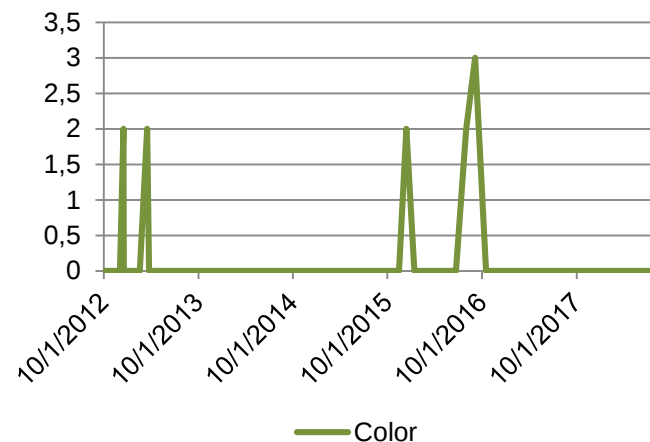
6. Clor lliure residual



7. Clor total residual

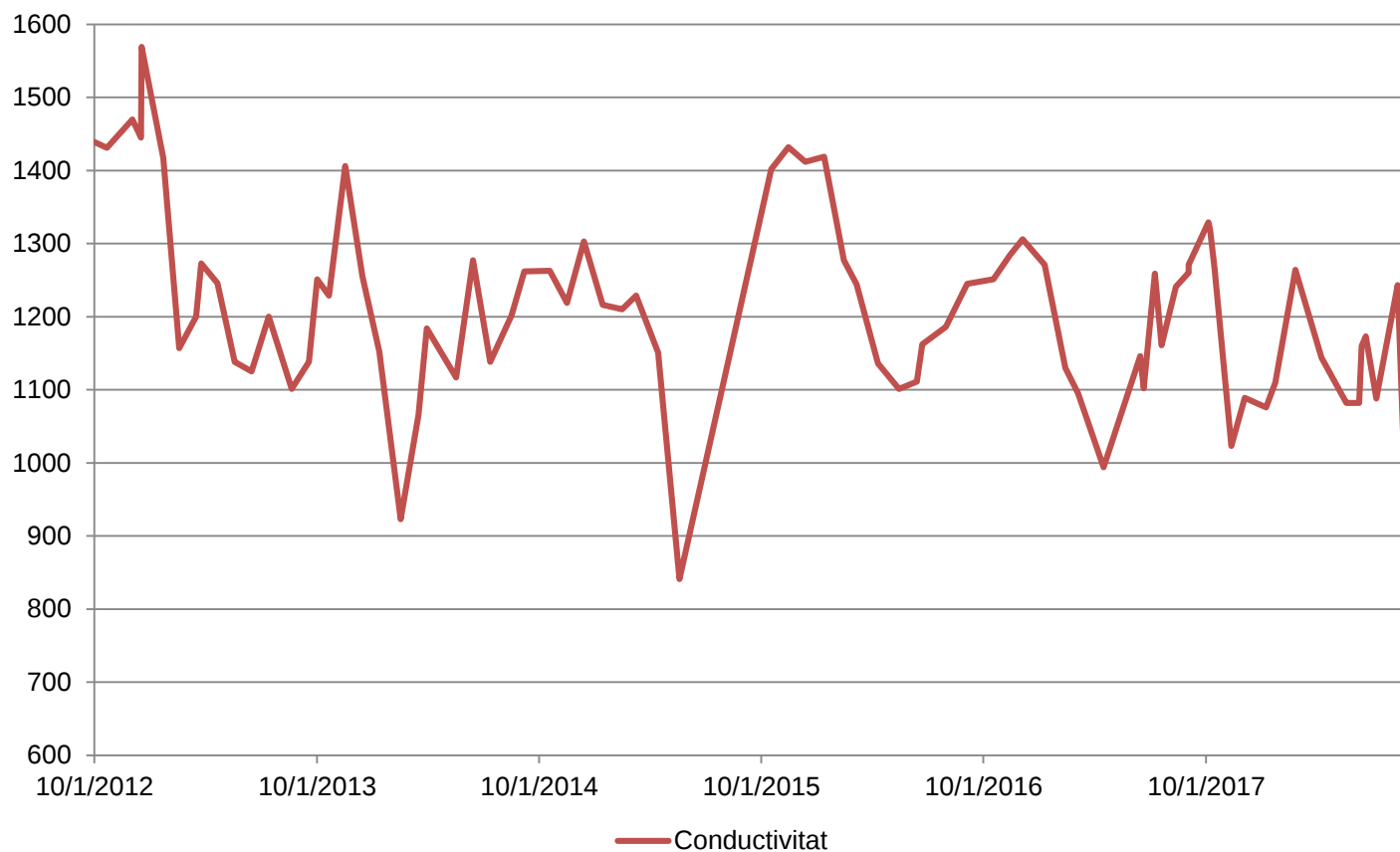


8. Color



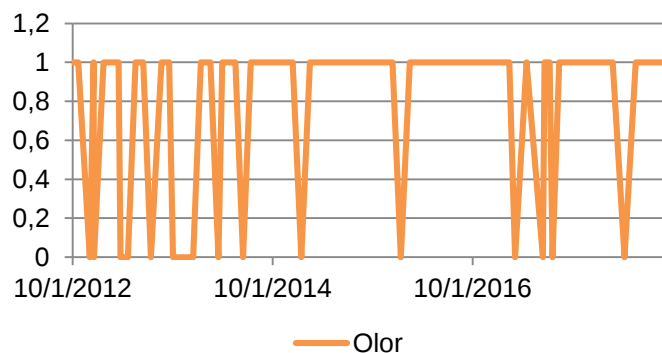
LLTDR1_Llobregat / Can Boada

9. Conductivitat

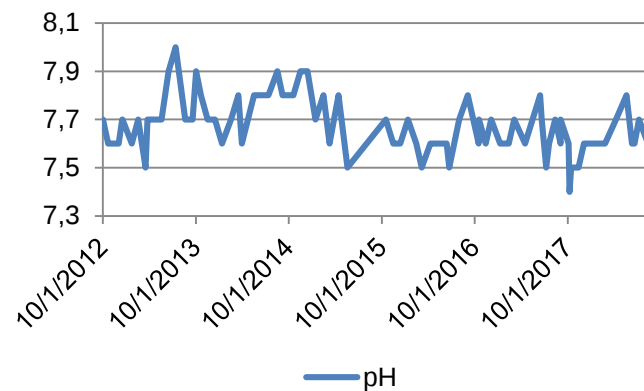


LLTDR1_Llobregat / Can Boada

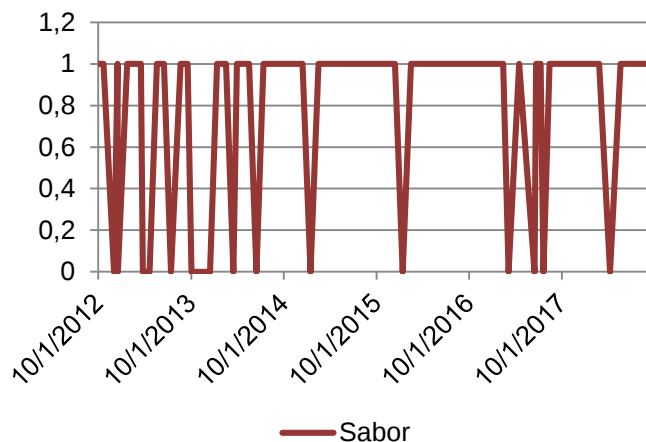
10. Olor



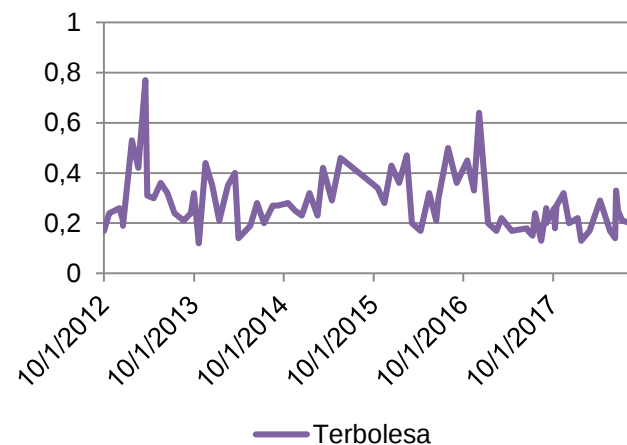
11. pH



12. Sabor

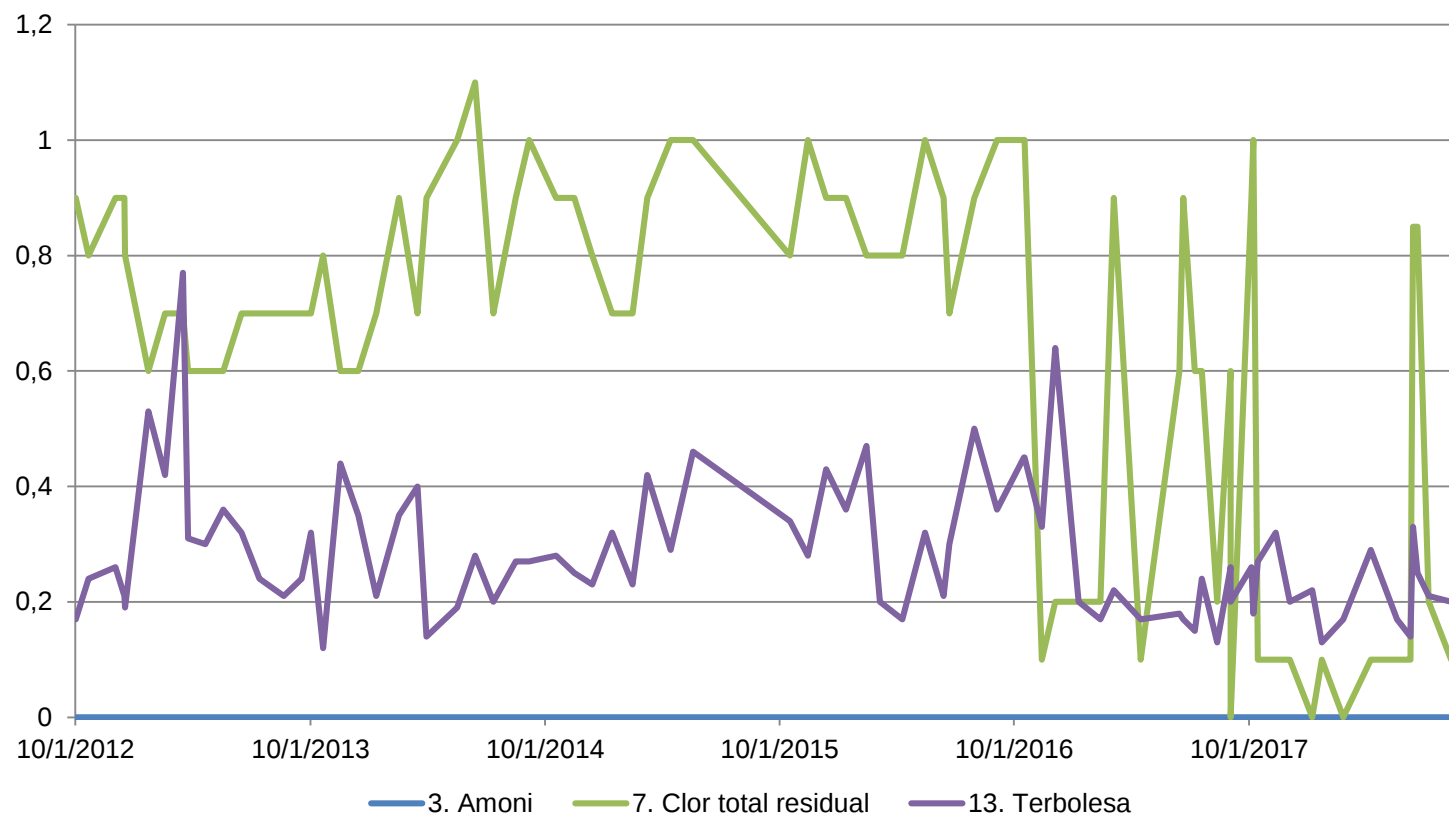


13. Terbolesa



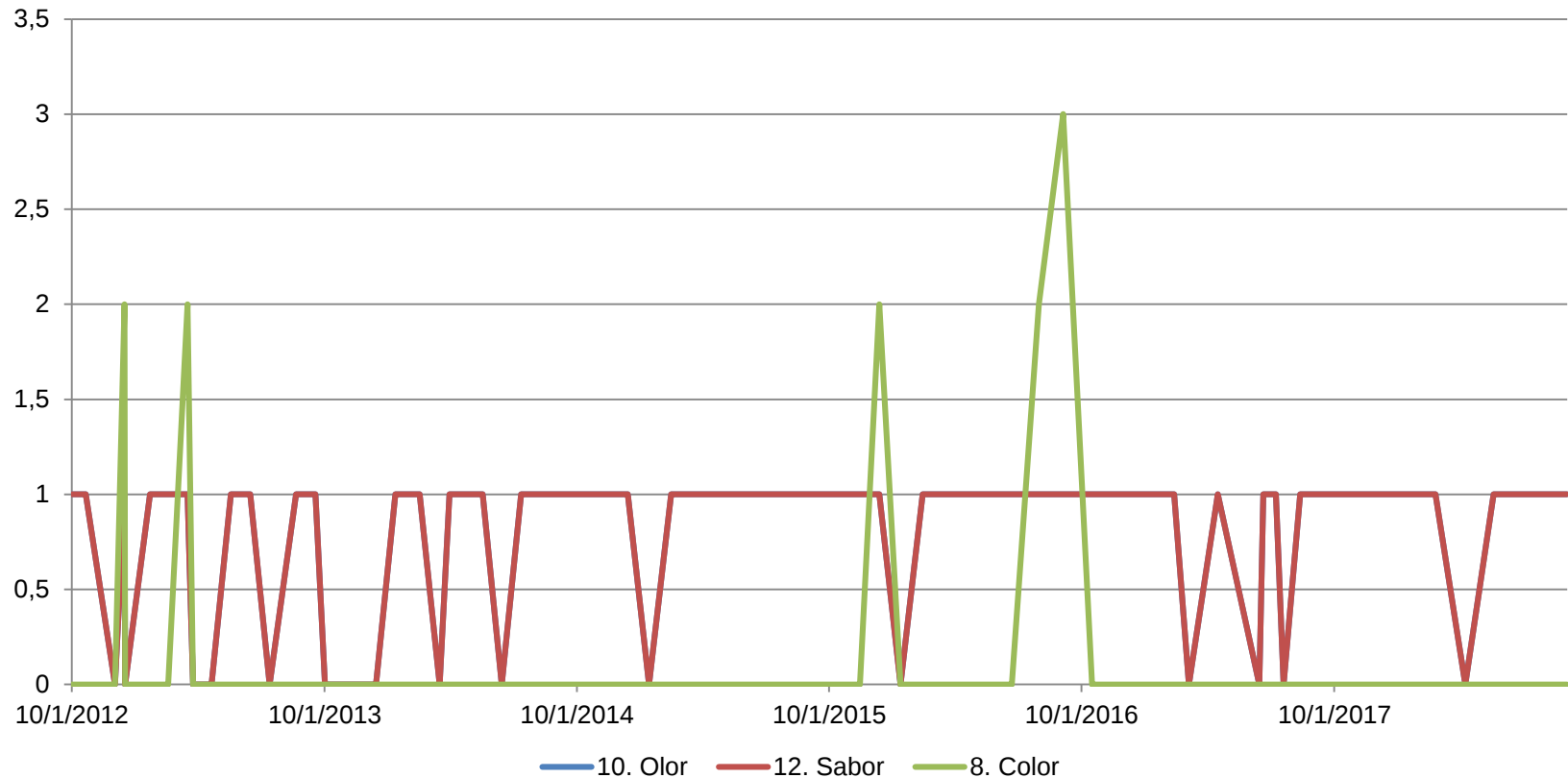
LLTDR1_Llobregat / Can Boada

Amoni, Clor i Terbolesa



LLTDR1_Llobregat / Can Boada

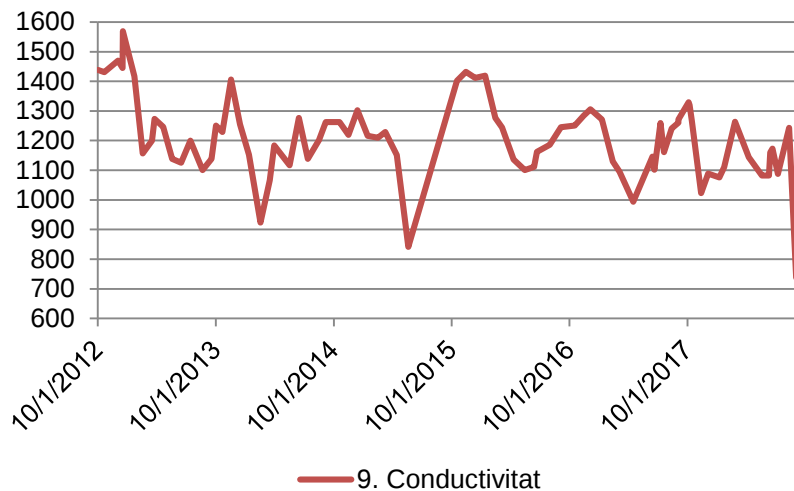
Olor, Sabor y Color



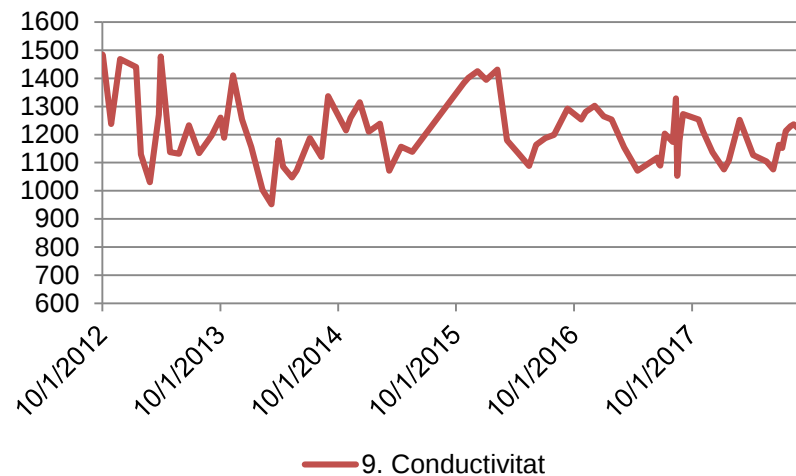
COMPARATIVA

9. Conductivitat

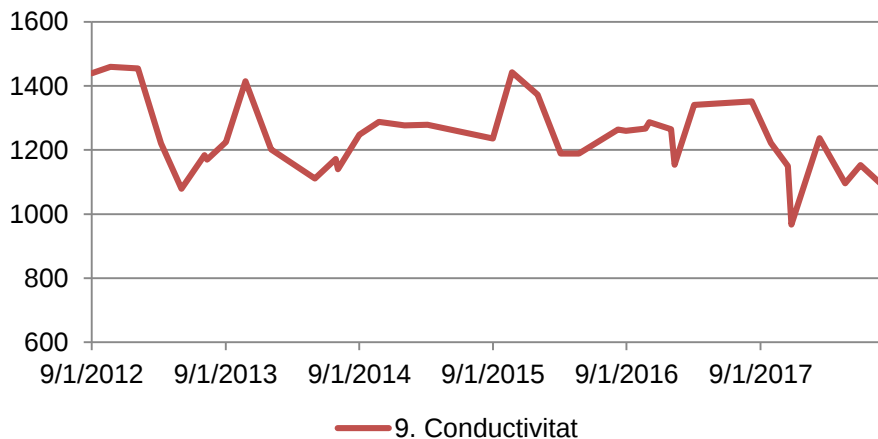
1. Can Boada



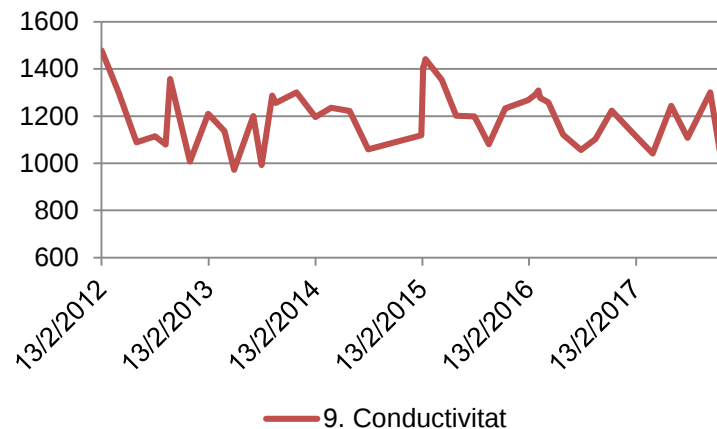
2. Can Poal



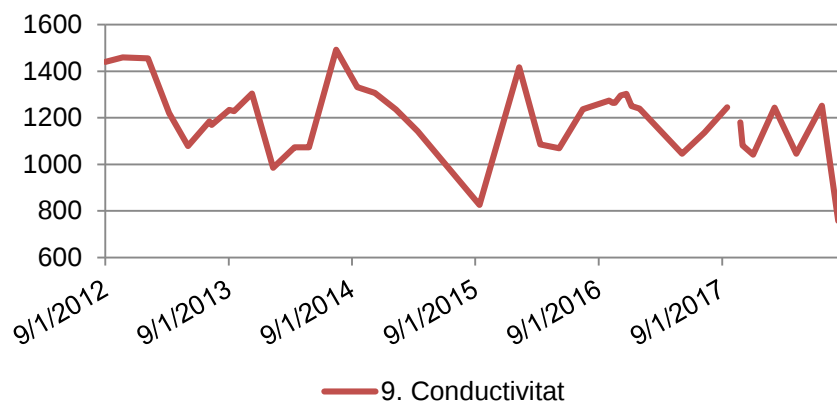
3. Sulleva



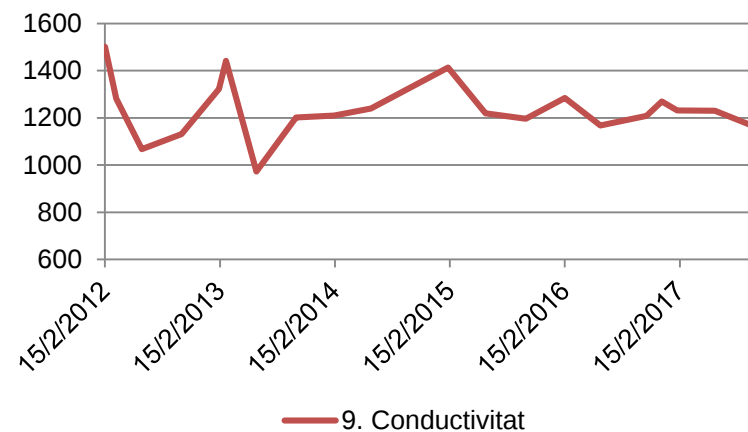
4. Can Colomer



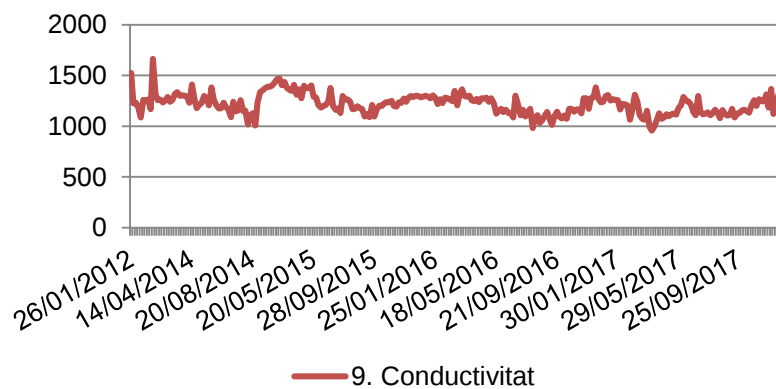
5. Alta Gripià



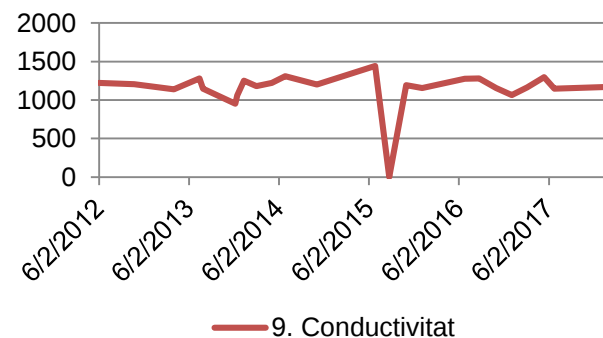
7. Can Palet



8. Sort Cent

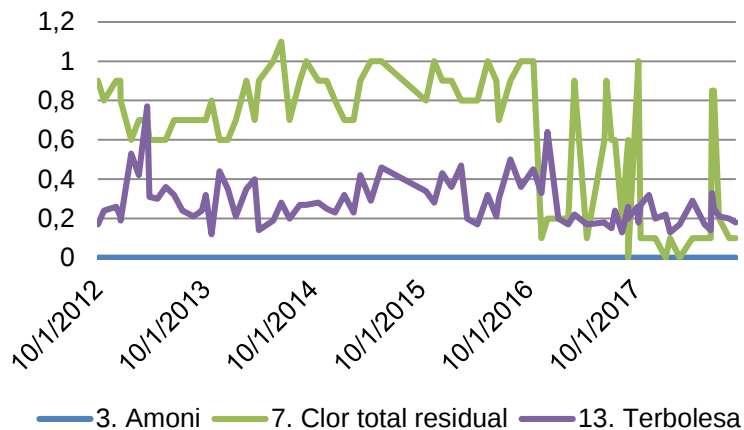


11. Baltasar Ragon

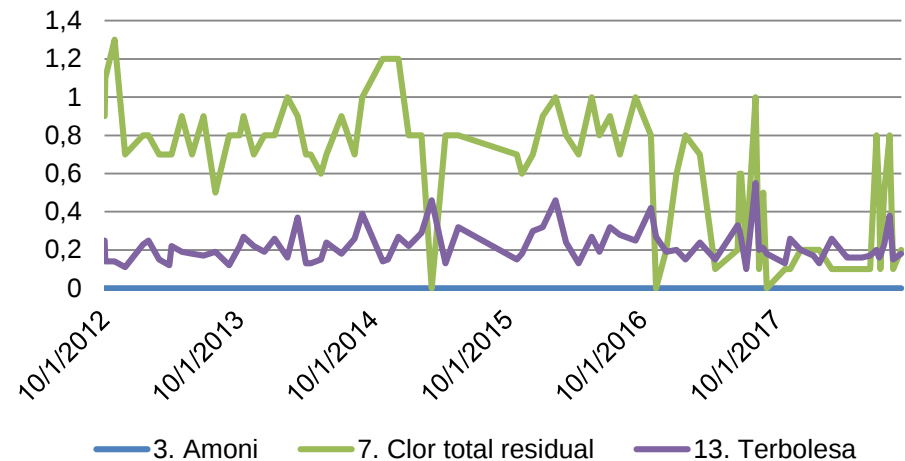


Amoni, Clor, Terbolesa

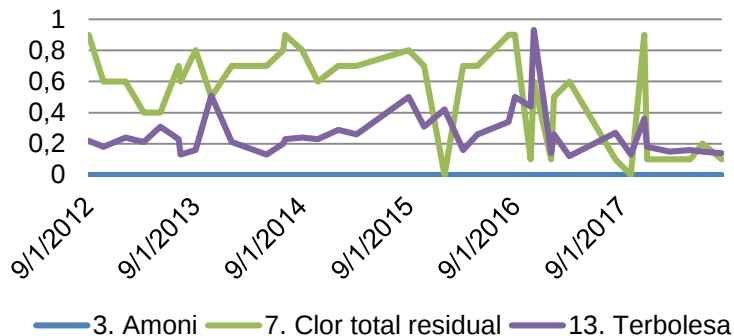
1. Can Boada



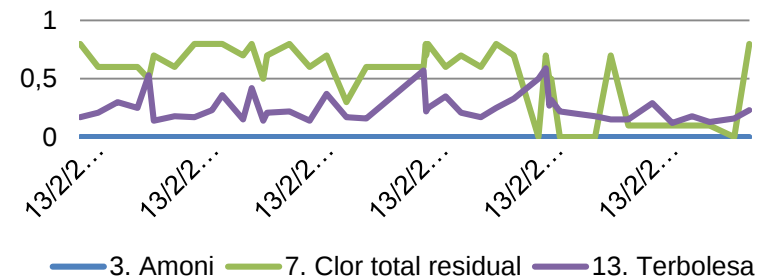
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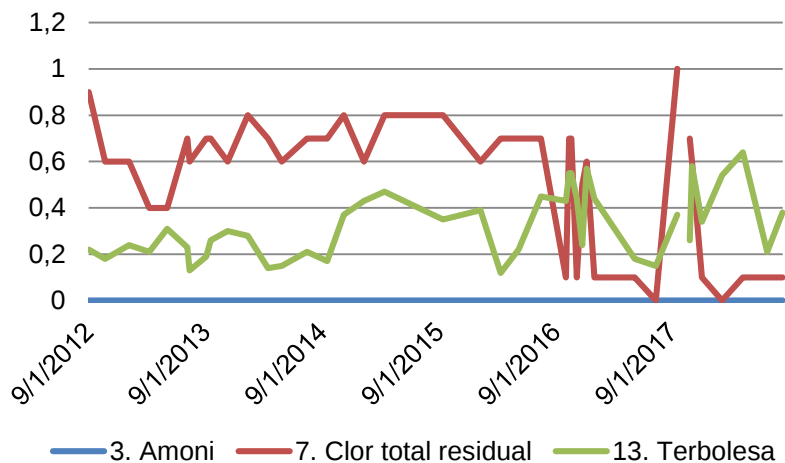
3. Sulleva



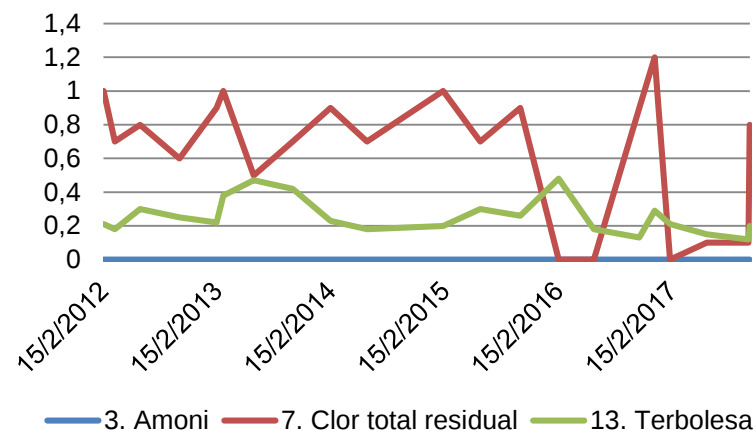
4. Can Colomer



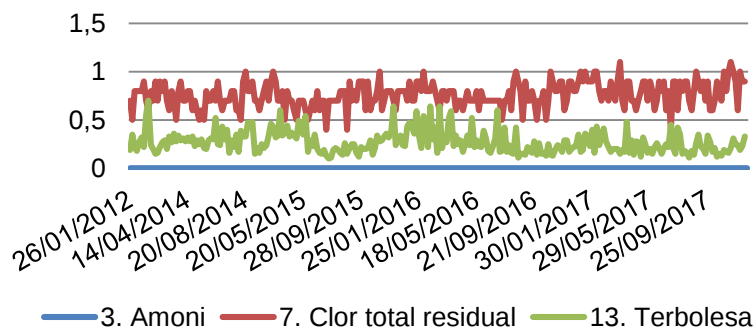
5. Alta Gripiá



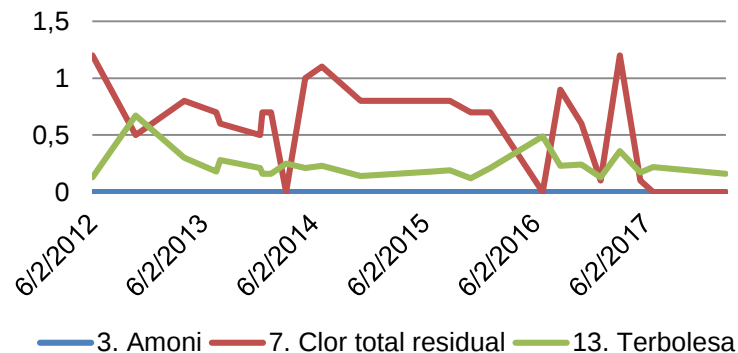
7. Can Palet



8. Sort Cent

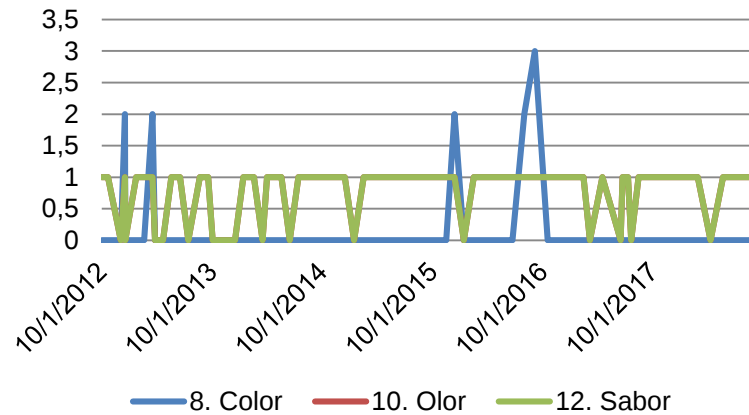


11. Baltasar Ragon

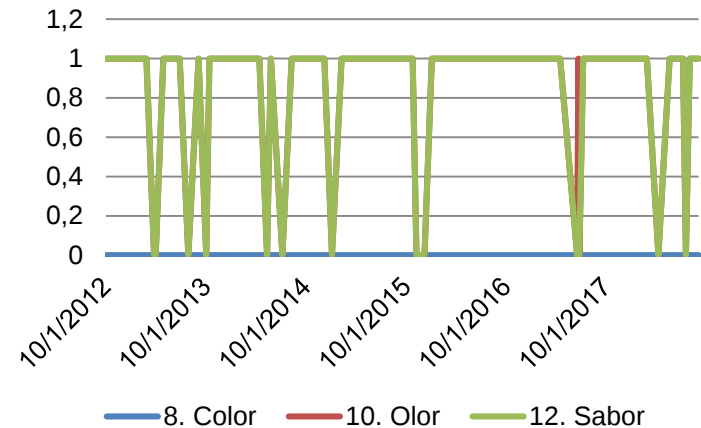


Color, Olor, Sabor

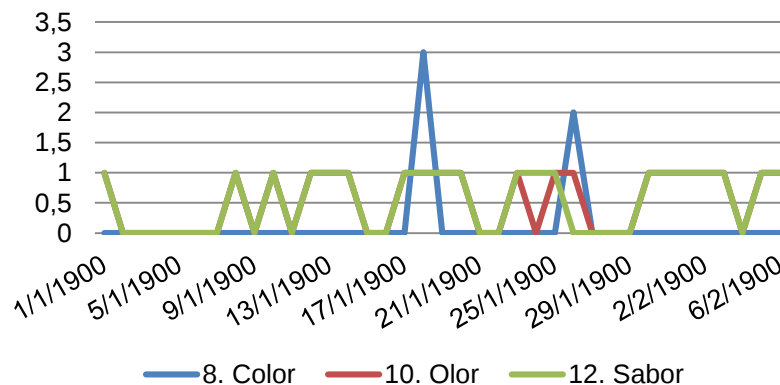
1. Can Boada



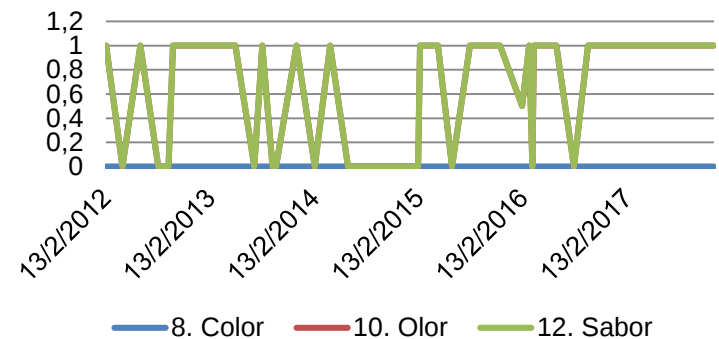
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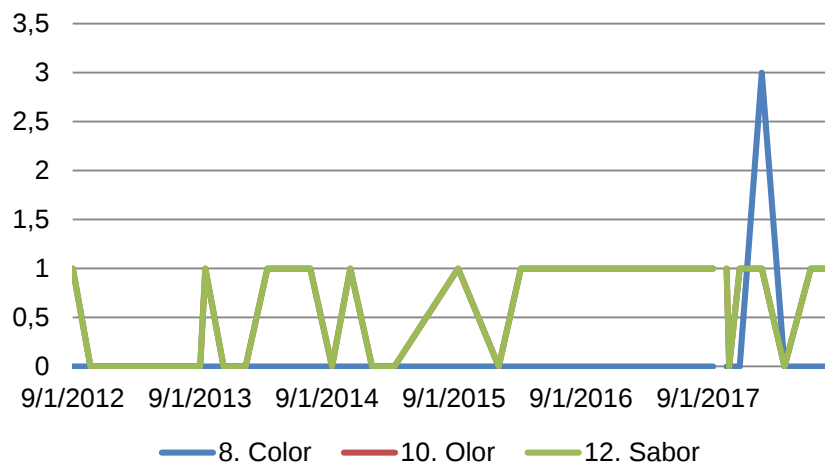
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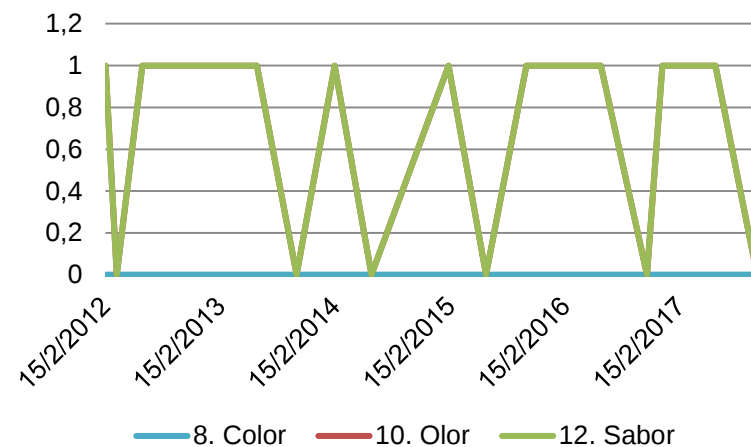
4. Can Colomer



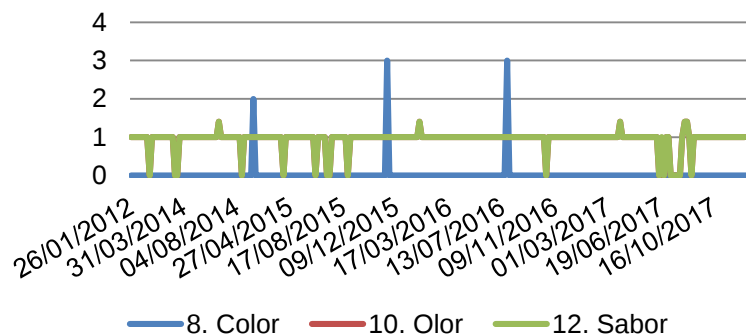
5. Alta Gripia



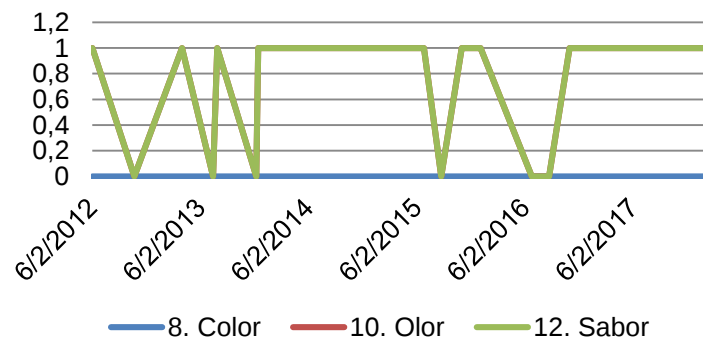
7. Can Palet



8. Sort Cent



11. Baltasar Ragon



Observacions

Alt nivell de complexitat

- Treballar amb sèries històriques discontinúes
 - 6 anys
 - 56 punts de mesura (fonts)
 - 13 paràmetres

Avantatges

- Dona una visió global del comportament de les variables observades
- A partir d'ara el seguiment serà més senzill
- La disponibilitat d'aquests dades possibilita conduir recerca i treballs molt diversos:
 - Creuar dades de distints punts
 - Aplicació de GIS
 - Èmfasi a la continuïtat en la mesura dels paràmetres més importants

Obstacles a superar

- **Heterogeneïtat de les dades** quan a la seva disponibilitat, escala i dates de mesura
 - → poca o nul·la comparabilitat
- Mesures d'alguns paràmetres dificulten la producció gràfica:
 - valors com $< 0 >$ que
 - valors de rang (40 – 75)