



Display

Management and  
communication unit

UV spectrophotometer

Concentration and  
fraction collector

Solvents

## HYDROCARBONS

Origine	Ech.1	Ech.2
Aquapod	8µg/l	45µg/l
LABO Brest	5µg/l	24µg/l
Crépin (Rouen)		117µg/l
Institut Pasteur (Lille)		< 50µg/l

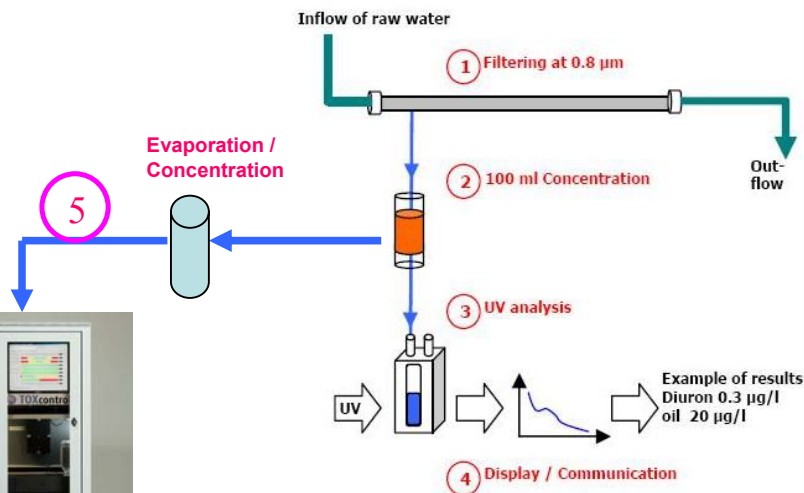
5 tests made by Véolia Water (Lyon)

## PESTICIDES

Paramètres	Atrazine	Isoproturon	Diuron	DEA	Chlorotoluron
Eaux brutes (µg/l)	0.24	0.38	0.21	0.35	0.21
Eaux traitées (µg/l)	0.08	0.06	0.13	0.08	0.13

Tests made by CU of Nantes

# SPE - TOX automated monitoring



**TOXcontrol**  
on-line toxicity  
monitor



**microLAN**  
On-line Biomonitoring Systems

✓ Combination with an on-line Solid Phase Extraction will make it possible to detect in the PPB levels of toxicity and thus increase the sensitivity according to detection levels mentioned in the WFD

✓ The concentrator includes an evaporation system in order to automatically reduce the solvent quantity in the extract.

✓ Dependent on the solvent it can have a negative influence on the luminescent bacteria but like up to 10% of methanol can be used.

✓ The eluate solvent from the SPE column will be reduced by evaporation to dryness, and then dissolved again in the reference water and transferred to the TOXcontrol.