

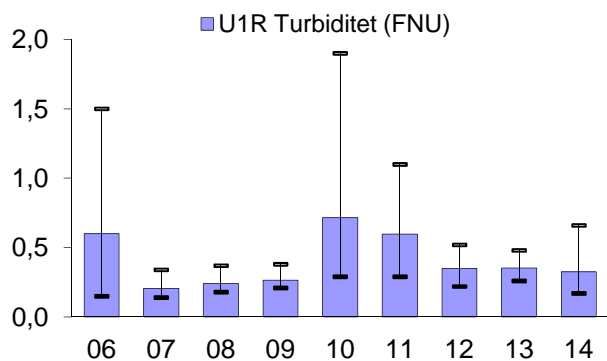
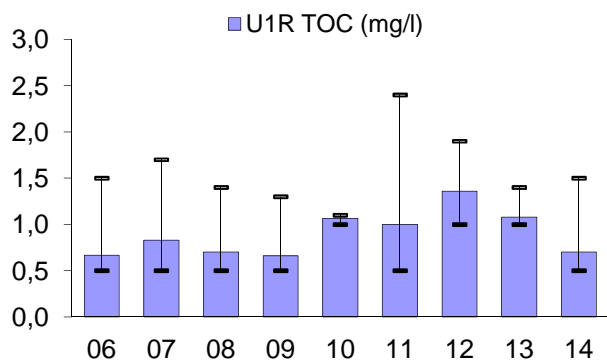
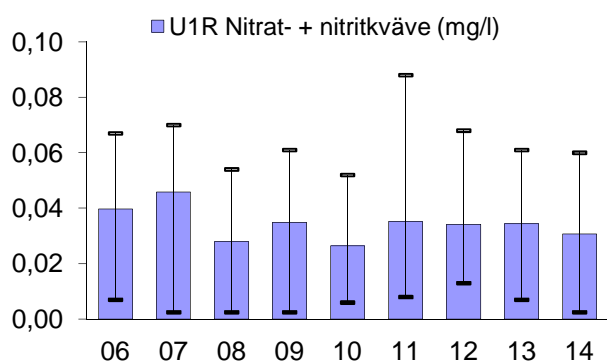
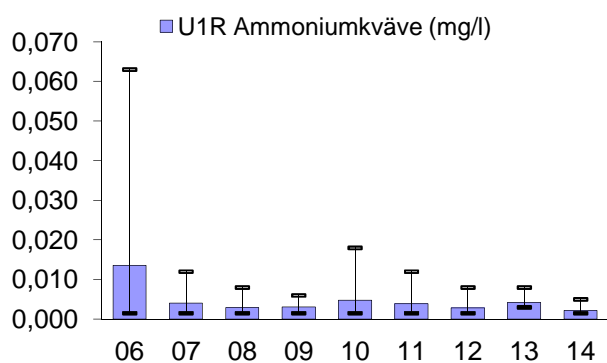
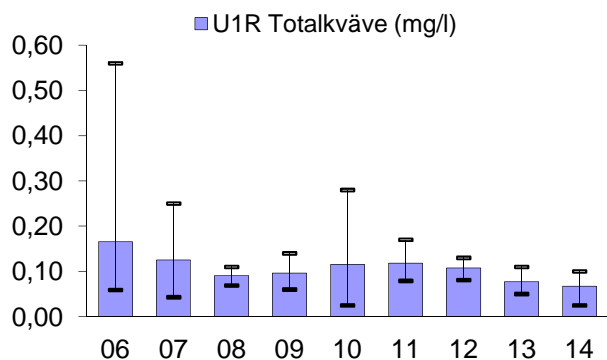
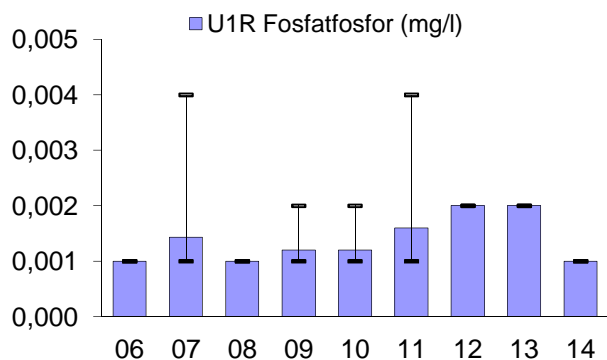
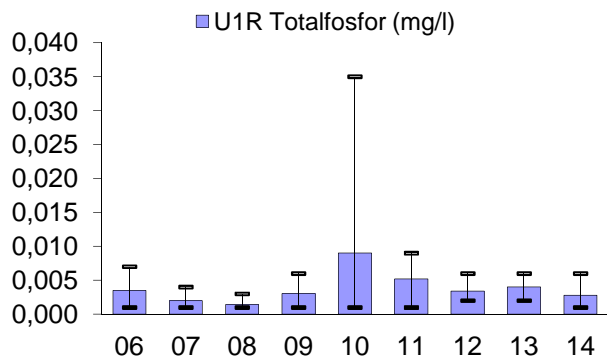
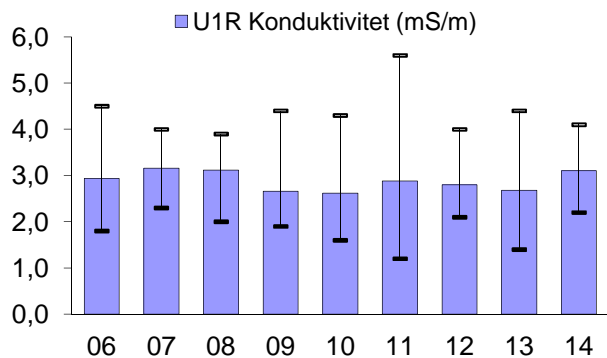
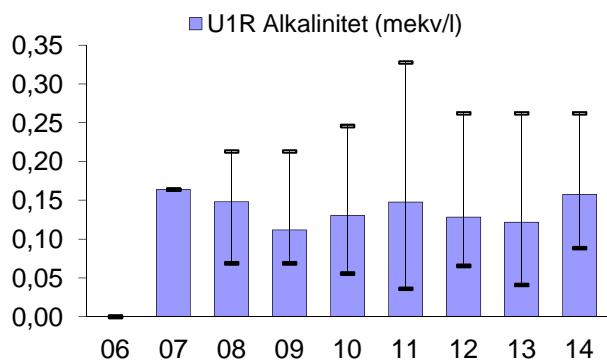
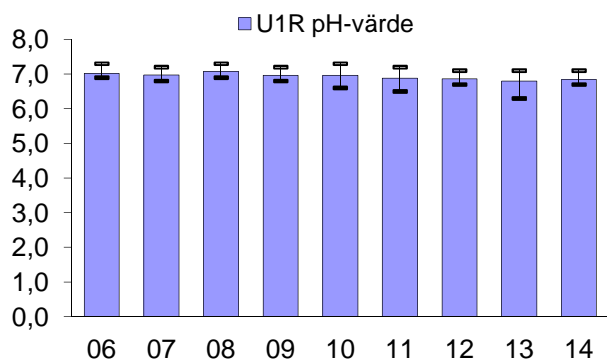
Bilaga 6

Statistik och Trender

I denna bilaga redovisas statistiska förändringar i respektive stations ytvatten (0-10m) för tidsperioden år 2006 till 2014 där det finns data. I de fall där djupet i stationen var mindre än 10m redovisas yta alternativt yta och mellannivå. För varje år redovisas medelvärde för året (blå stapel) samt högsta respektive lägsta värdet för året (svart streck).

De statistiska beräkningarna har utförts med hjälp av programmet: Mann-Kendall Test and Sen's Slope Estimates for the Trend of Annual Data (Copyright Finnish Meteorological Institute 2002). Signifikanta förändringar markeras i respektive stations tabell enligt nedan:

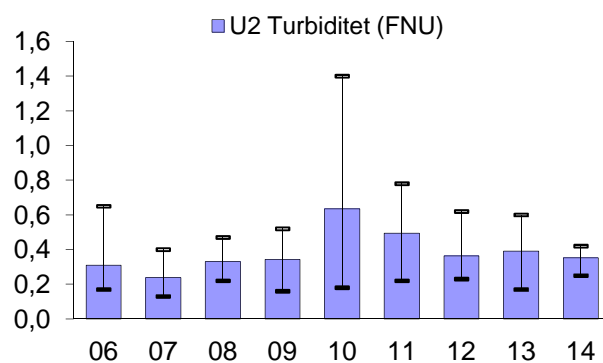
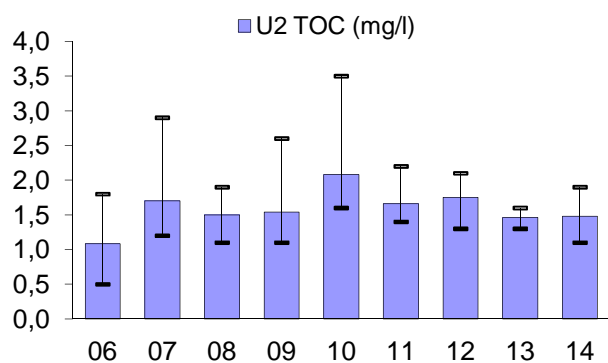
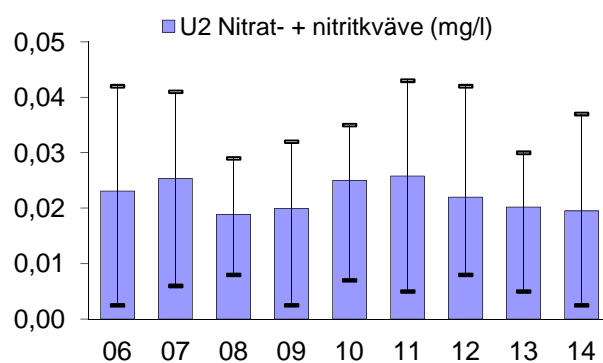
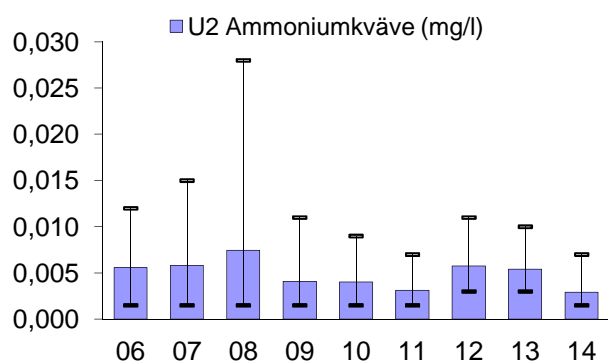
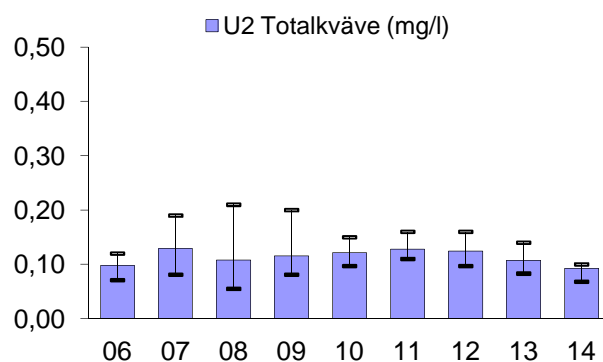
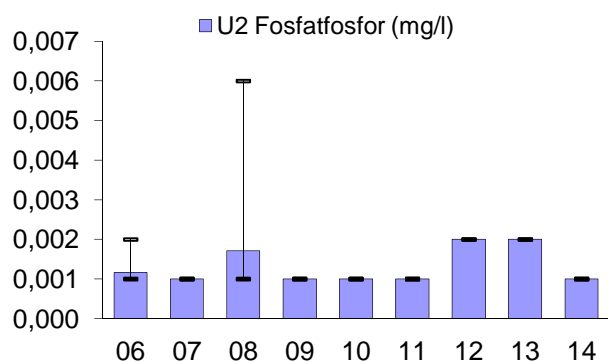
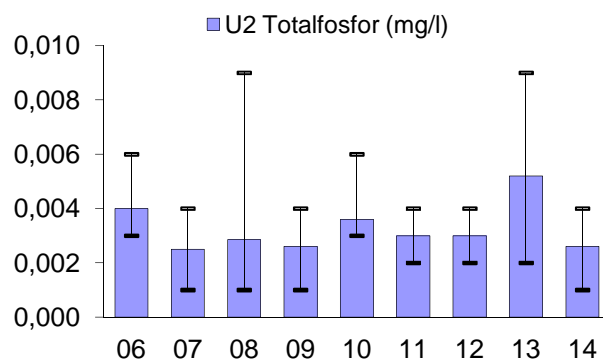
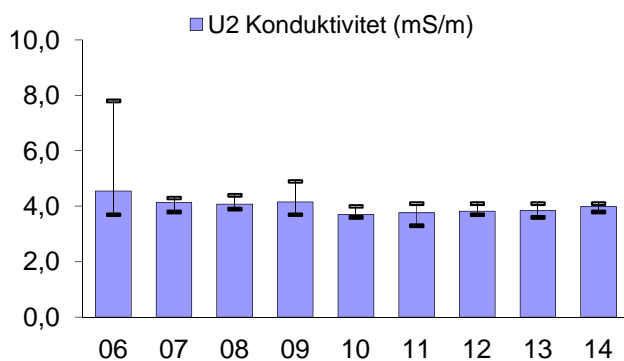
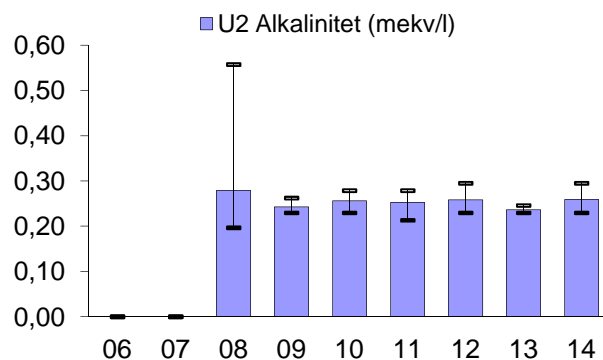
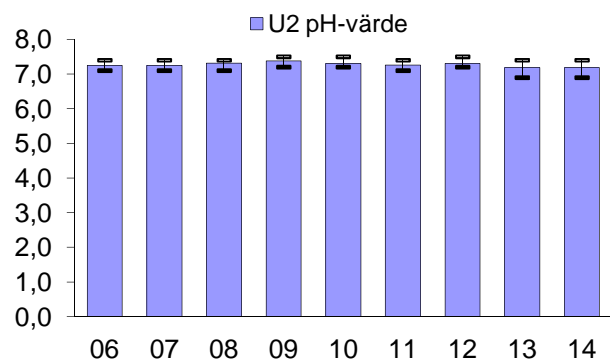
- + = nära signifikant ($p < 0,10$)
- * = $p < 0,05$
- ** = $p < 0,01$
- *** = $p < 0,001$

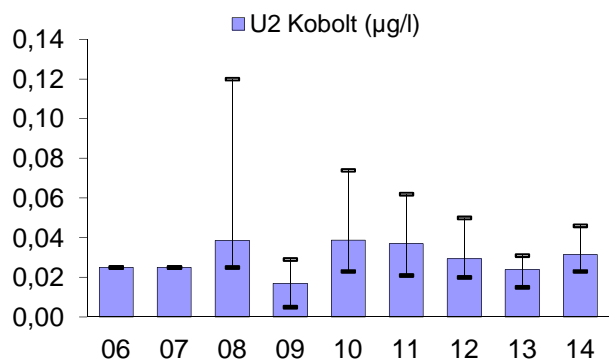
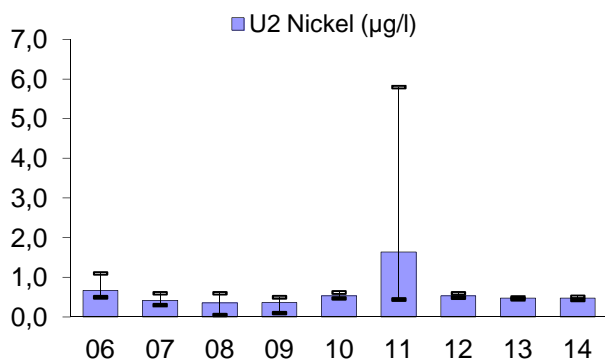
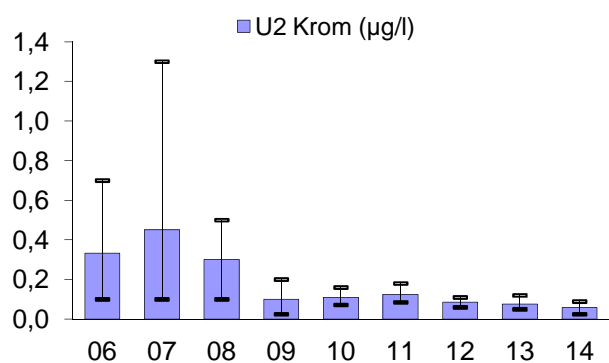
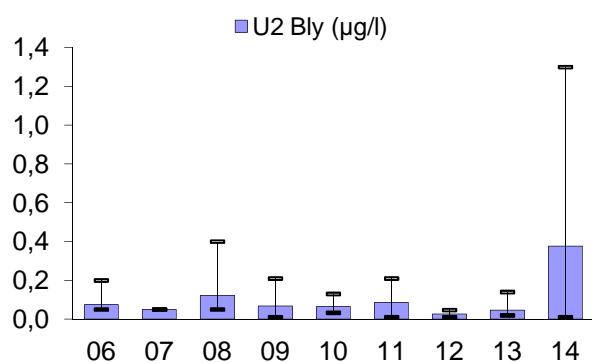
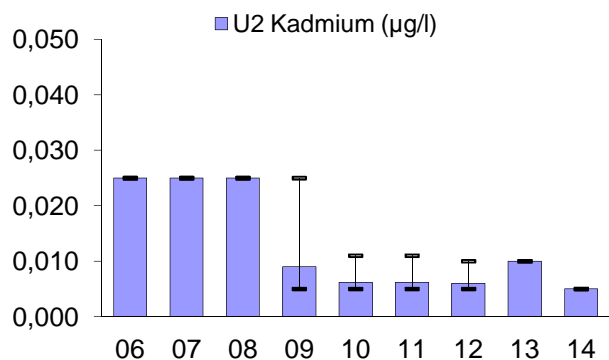
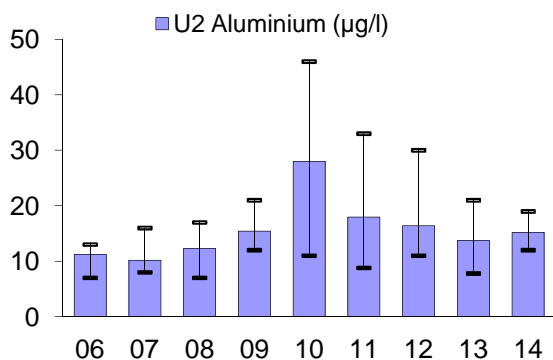
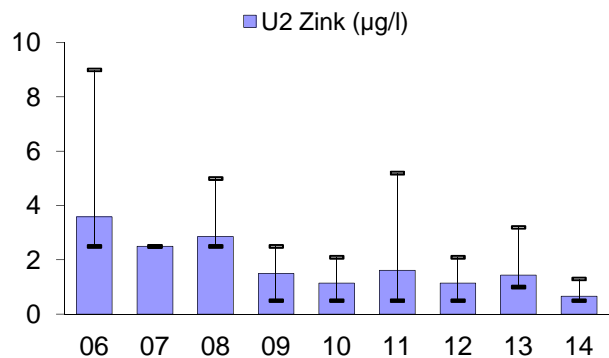
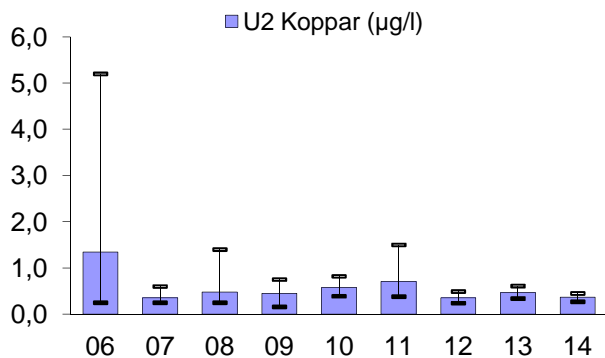
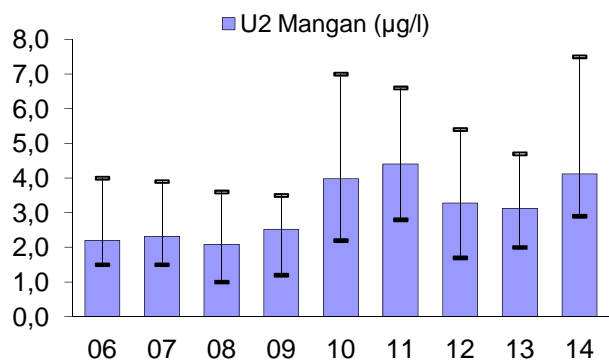
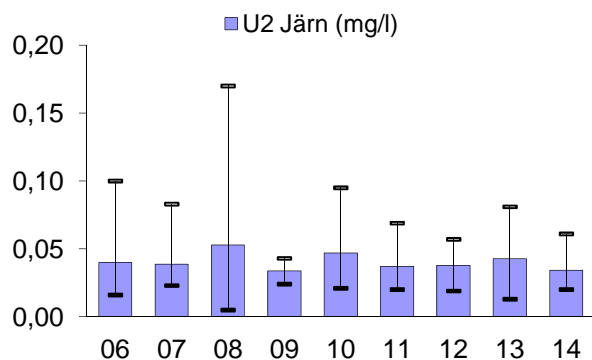


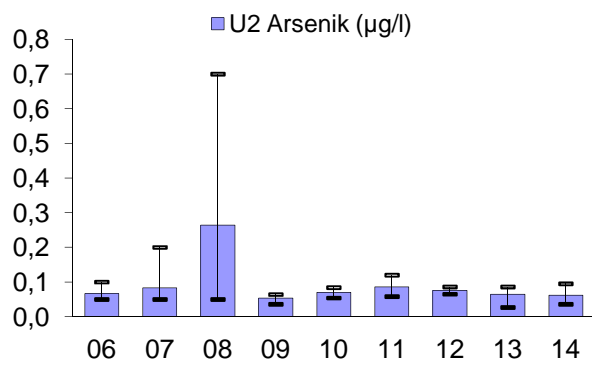
TREND STATISTICS

FI17 Virolahti 1987- 2000

[illegible]



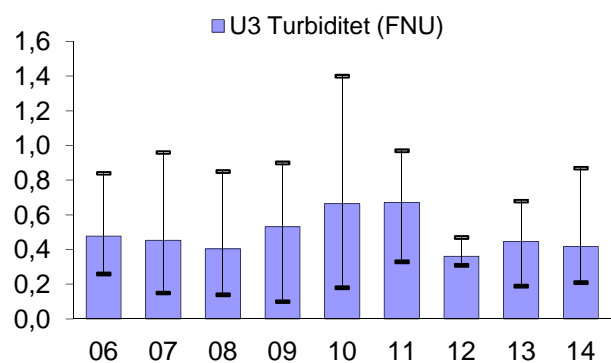
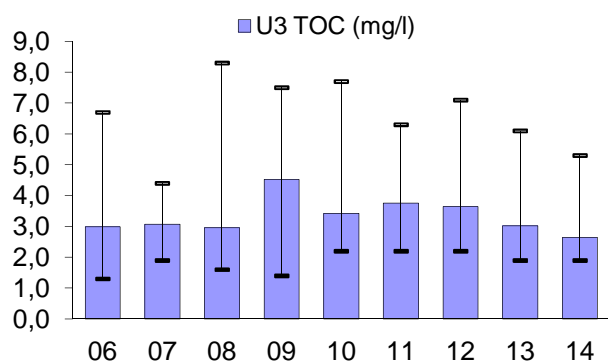
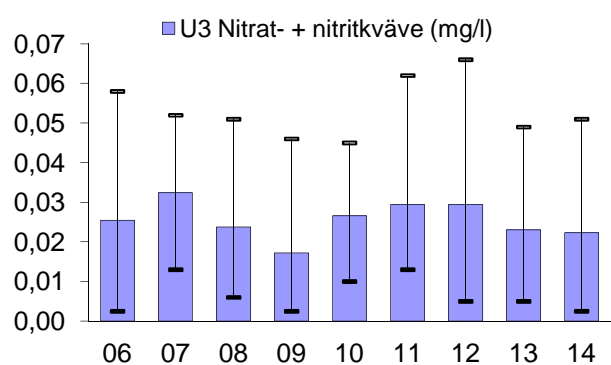
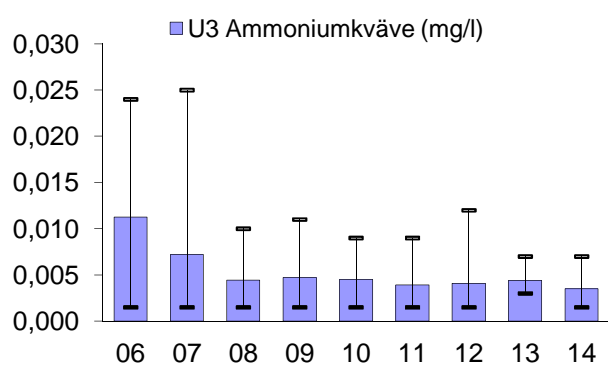
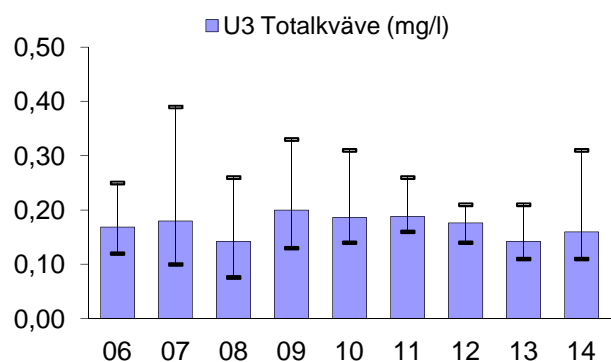
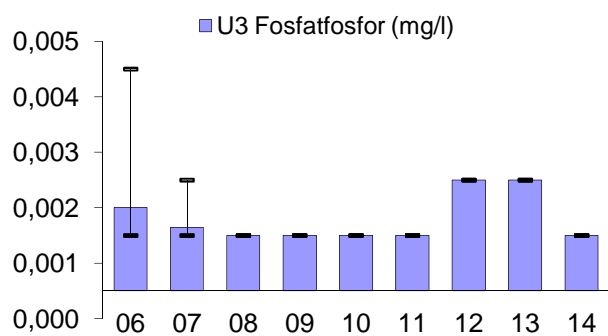
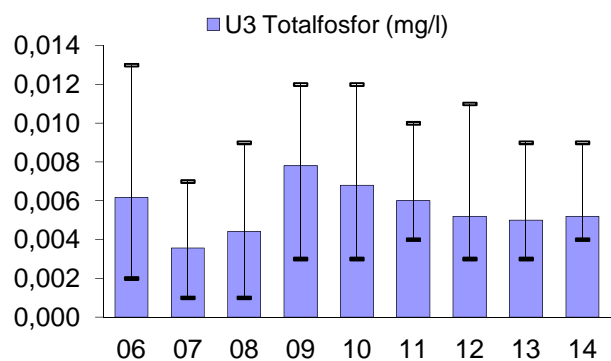
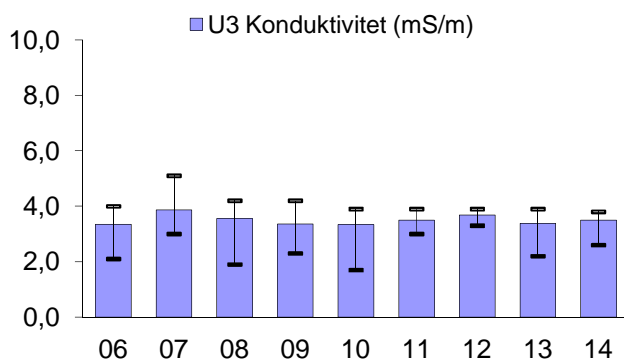
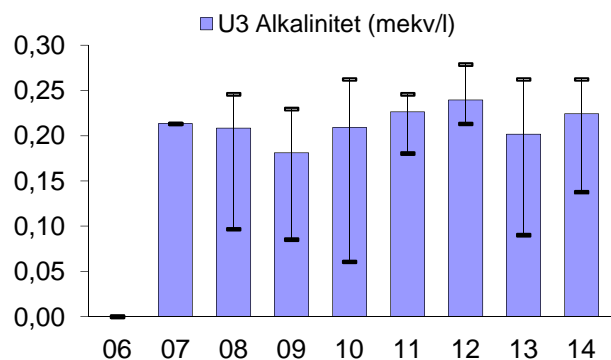
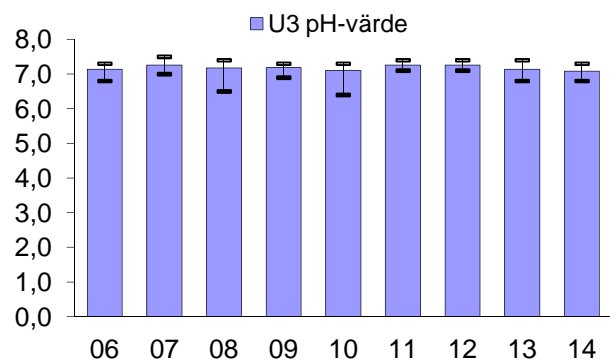


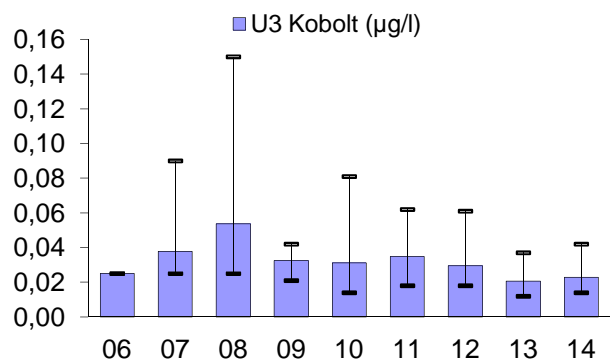
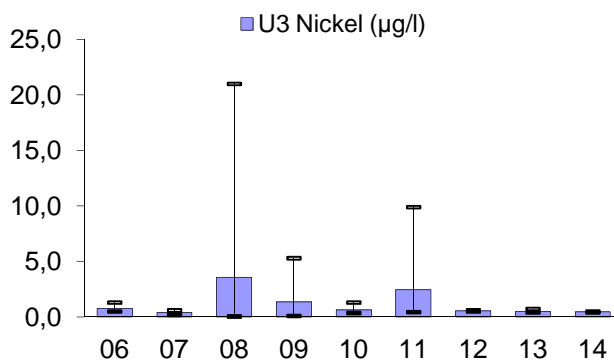
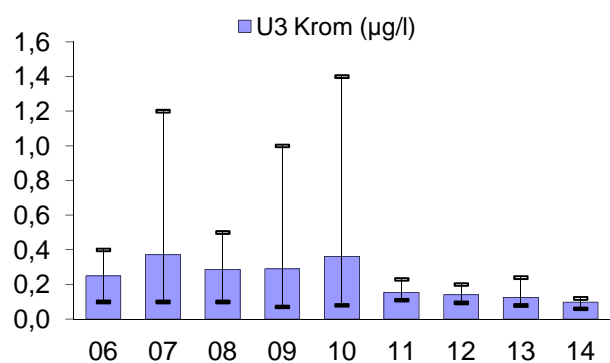
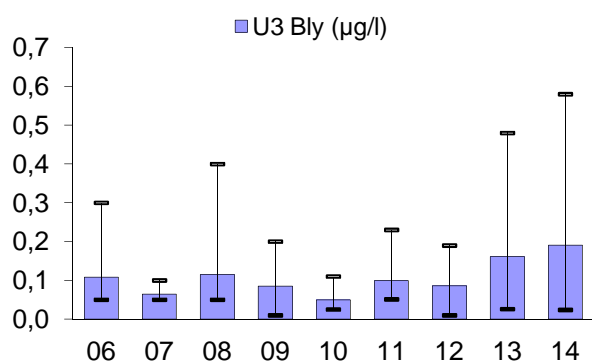
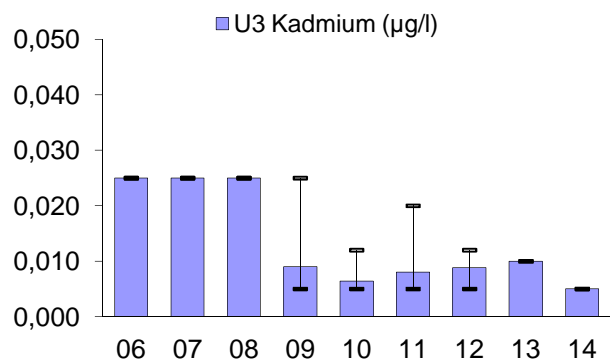
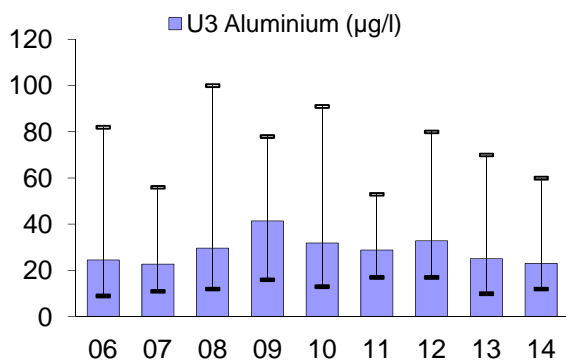
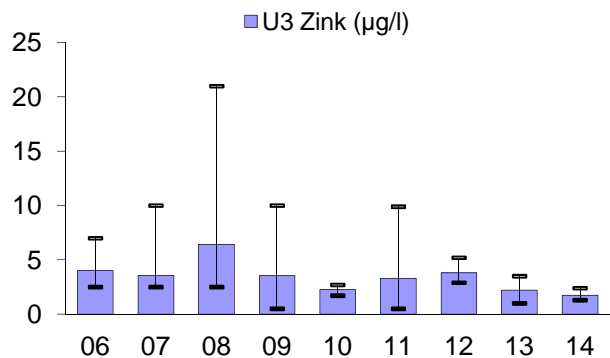
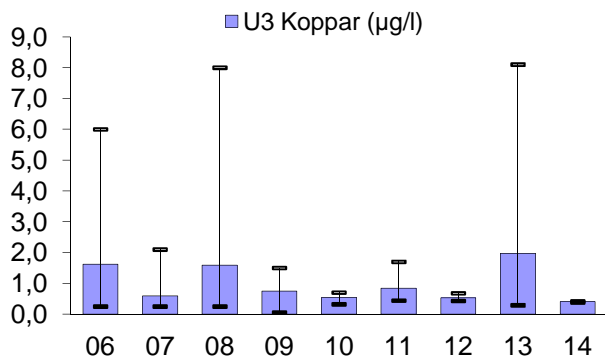
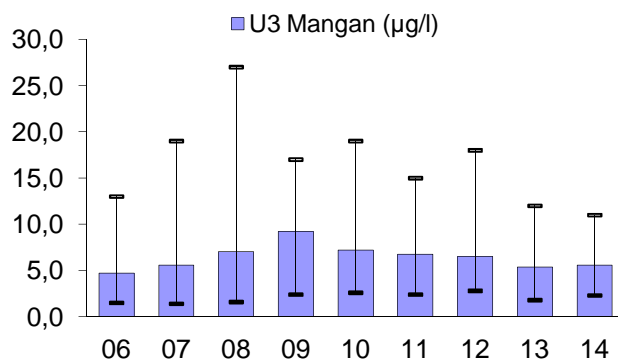
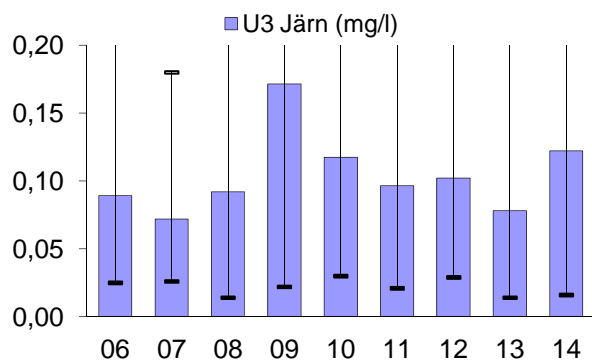


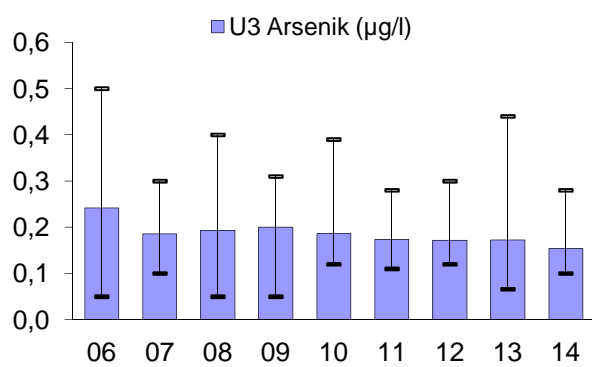
TREND STATISTICS

	Mann-Kendall trend	Sen's slope estimate
1980-1989	0.0000	0.0000
1990-1999	0.0000	0.0000
2000-2009	0.0000	0.0000
2010-2019	0.0000	0.0000
2020-2029	0.0000	0.0000
2030-2039	0.0000	0.0000
2040-2049	0.0000	0.0000
2050-2059	0.0000	0.0000
2060-2069	0.0000	0.0000
2070-2079	0.0000	0.0000
2080-2089	0.0000	0.0000
2090-2099	0.0000	0.0000
2100-2109	0.0000	0.0000
2110-2119	0.0000	0.0000
2120-2129	0.0000	0.0000
2130-2139	0.0000	0.0000
2140-2149	0.0000	0.0000
2150-2159	0.0000	0.0000
2160-2169	0.0000	0.0000
2170-2179	0.0000	0.0000
2180-2189	0.0000	0.0000
2190-2199	0.0000	0.0000
2200-2209	0.0000	0.0000
2210-2219	0.0000	0.0000
2220-2229	0.0000	0.0000
2230-2239	0.0000	0.0000
2240-2249	0.0000	0.0000
2250-2259	0.0000	0.0000
2260-2269	0.0000	0.0000
2270-2279	0.0000	0.0000
2280-2289	0.0000	0.0000
2290-2299	0.0000	0.0000
2300-2309	0.0000	0.0000
2310-2319	0.0000	0.0000
2320-2329	0.0000	0.0000
2330-2339	0.0000	0.0000
2340-2349	0.0000	0.0000
2350-2359	0.0000	0.0000
2360-2369	0.0000	0.0000
2370-2379	0.0000	0.0000
2380-2389	0.0000	0.0000
2390-2399	0.0000	0.0000
2400-2409	0.0000	0.0000
2410-2419	0.0000	0.0000
2420-2429	0.0000	0.0000
2430-2439	0.0000	0.0000
2440-2449	0.0000	0.0000
2450-2459	0.0000	0.0000
2460-2469	0.0000	0.0000
2470-2479	0.0000	0.0000
2480-2489	0.0000	0.0000
2490-2499	0.0000	0.0000
2500-2509	0.0000	0.0000
2510-2519	0.0000	0.0000
2520-2529	0.0000	0.0000
2530-2539	0.0000	0.0000
2540-2549	0.0000	0.0000
2550-2559	0.0000	0.0000
2560-2569	0.0000	0.0000
2570-2579	0.0000	0.0000
2580-2589	0.0000	0.0000
2590-2599	0.0000	0.0000
2600-2609	0.0000	0.0000
2610-2619	0.0000	0.0000
2620-2629	0.0000	0.0000
2630-2639	0.0000	0.0000
2640-2649	0.0000	0.0000
2650-2659	0.0000	0.0000
2660-2669	0.0000	0.0000
2670-2679	0.0000	0.0000
2680-2689	0.0000	0.0000
2690-2699	0.0000	0.0000
2700-2709	0.0000	0.0000
2710-2719	0.0000	0.0000
2720-2729	0.0000	0.0000
2730-2739	0.0000	0.0000
2740-2749	0.0000	0.0000
2750-2759	0.0000	0.0000
2760-2769	0.0000	0.0000
2770-2779	0.0000	0.0000
2780-2789	0.0000	0.0000
2790-2799	0.0000	0.0000
2800-2809	0.0000	0.0000
2810-2819	0.0000	0.0000
2820-2829	0.0000	0.0000
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[illegible]



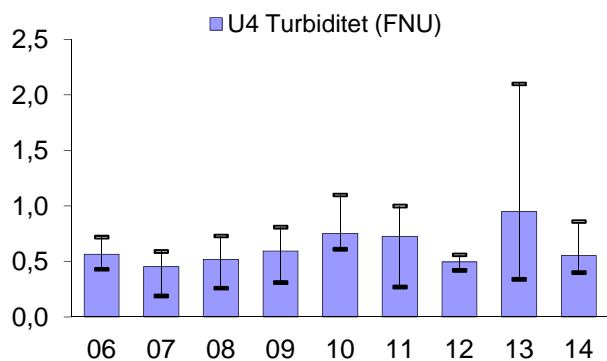
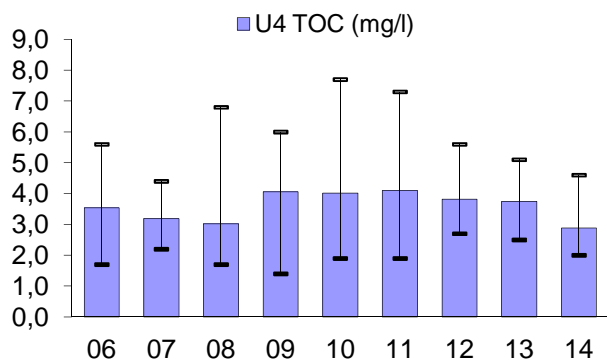
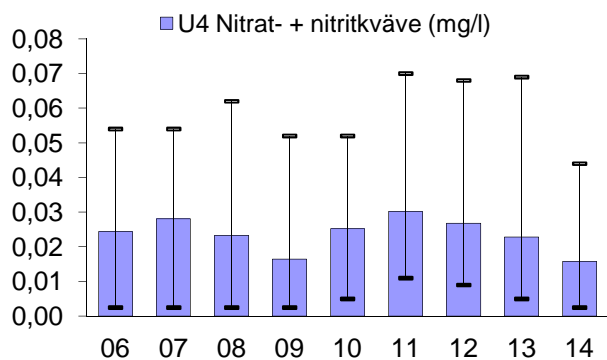
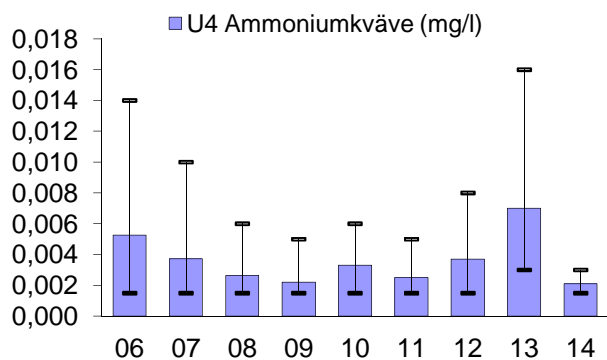
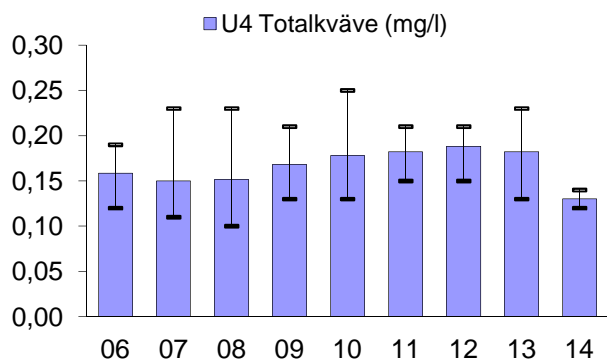
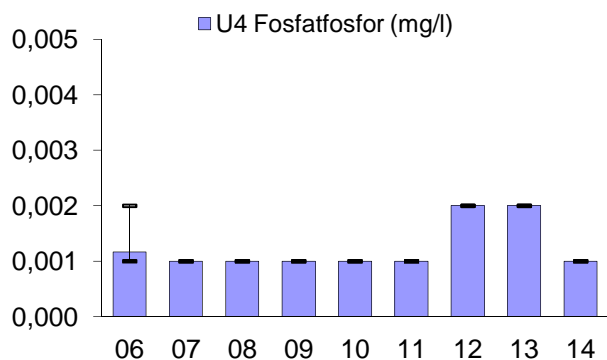
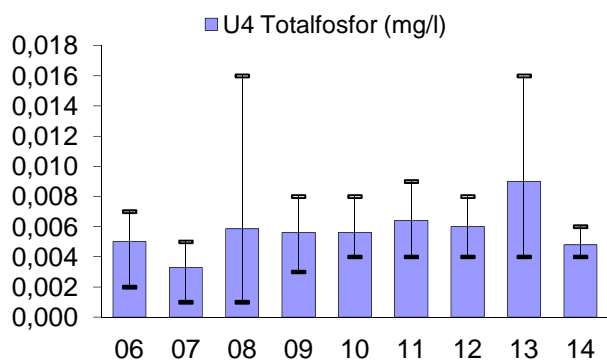
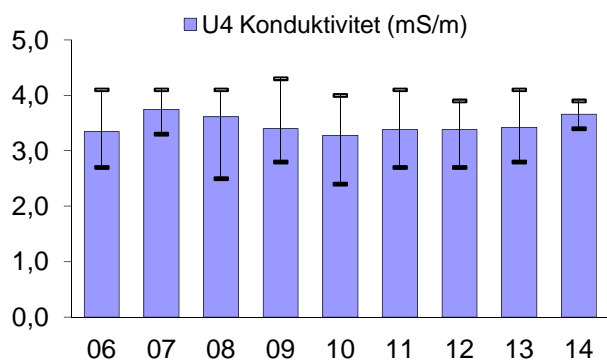
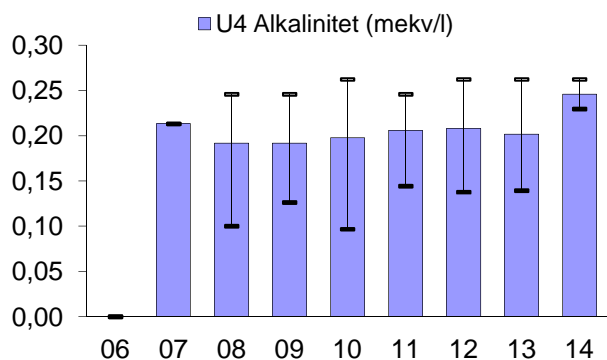
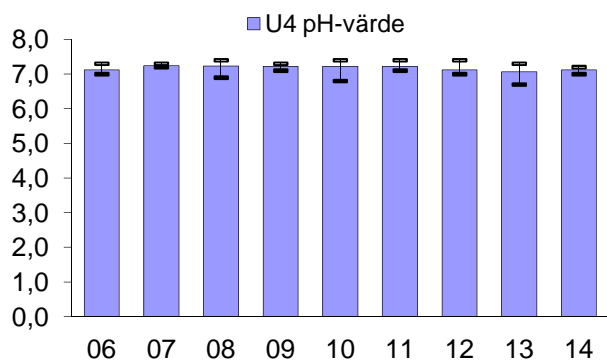




TREND STATISTICS

	Mann-Kendall trend	Sen's slope estimate
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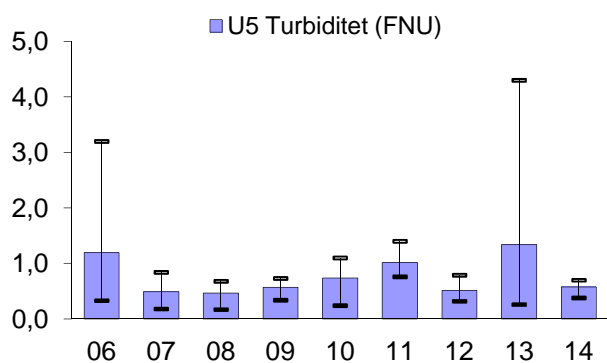
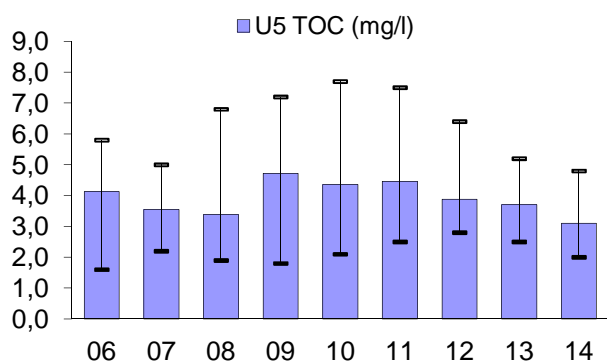
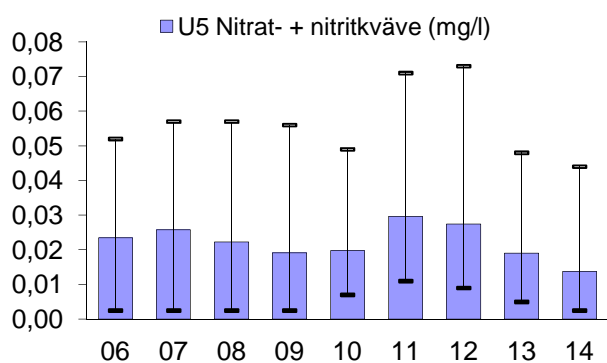
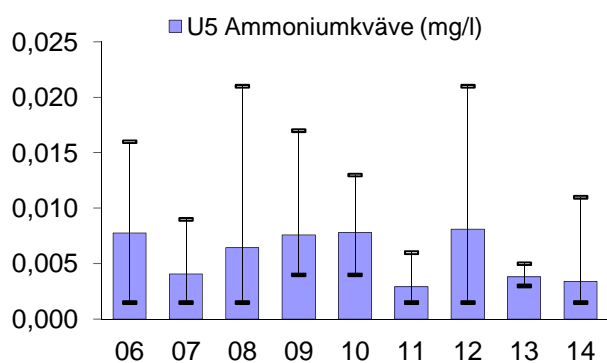
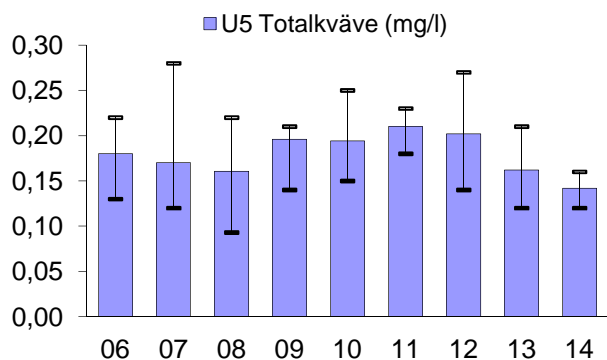
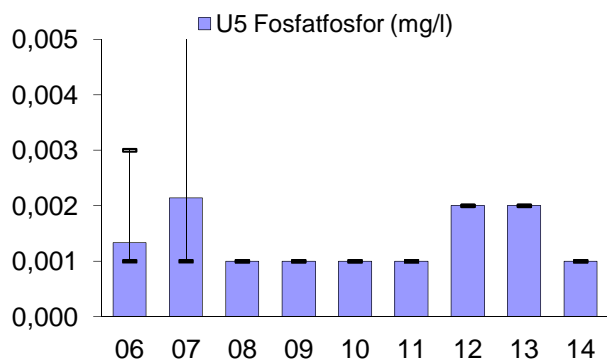
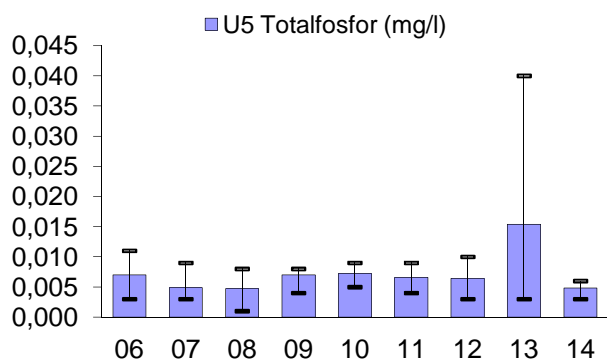
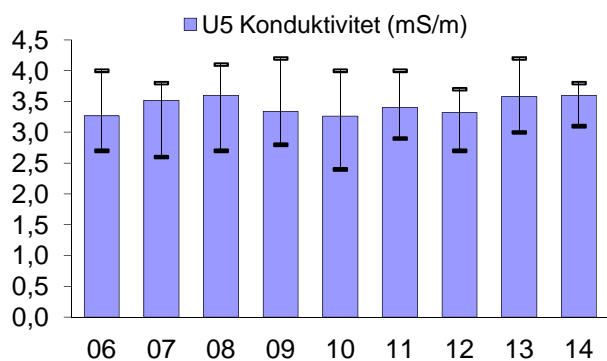
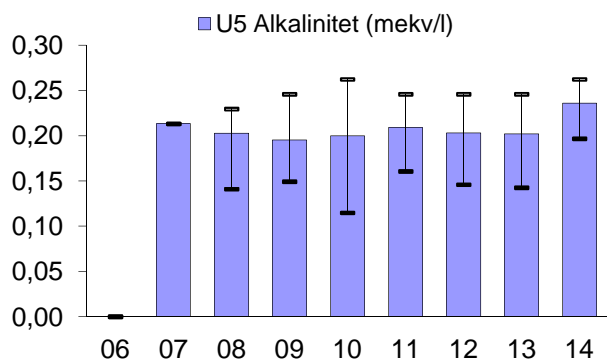
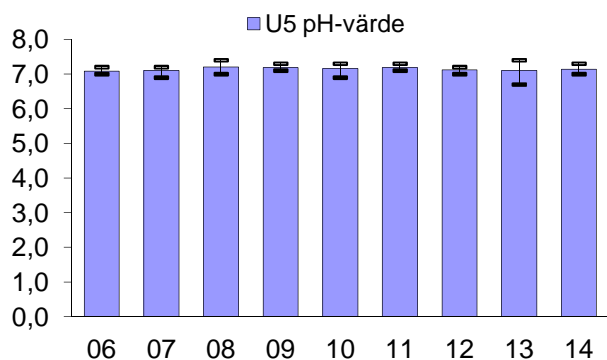
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TREND STATISTICS

FI17 Virolahti 1987- 2000

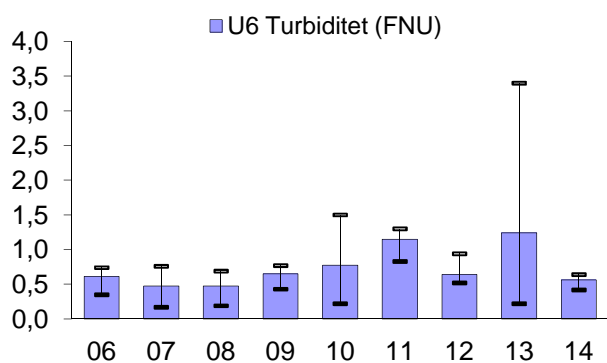
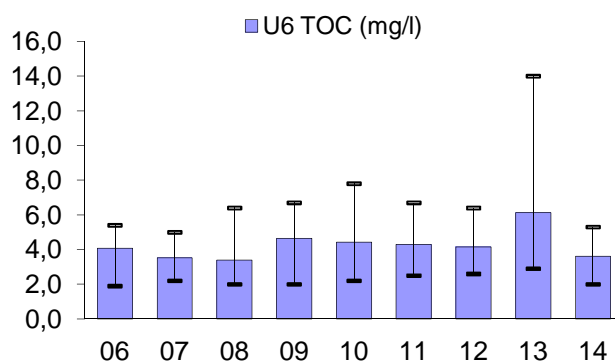
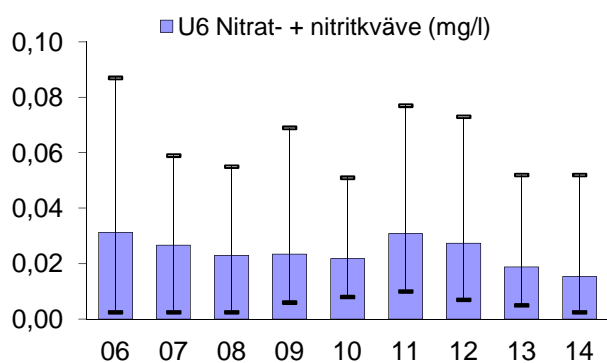
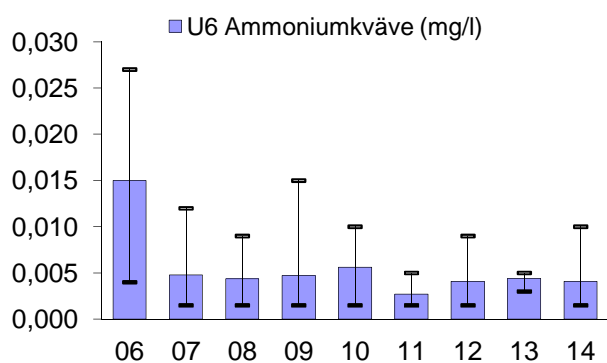
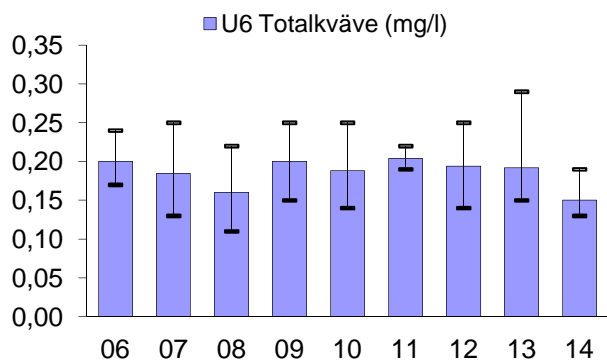
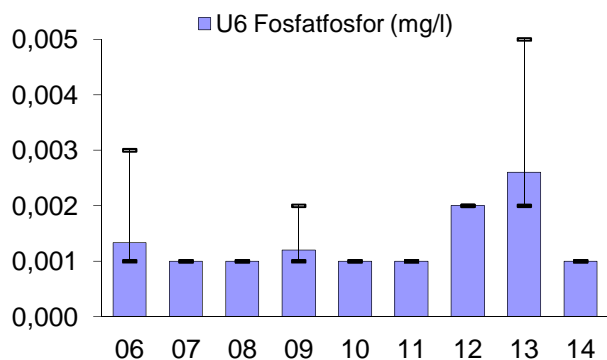
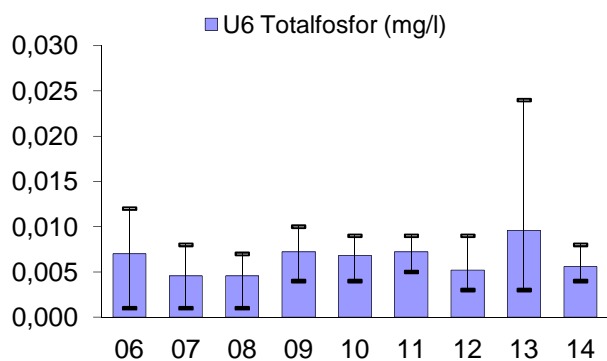
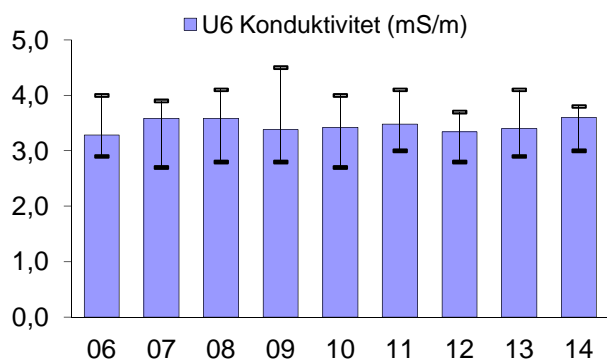
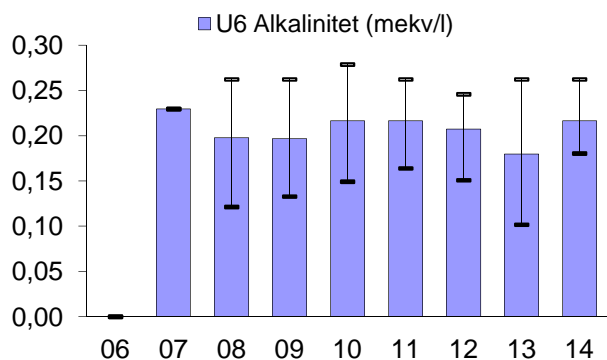
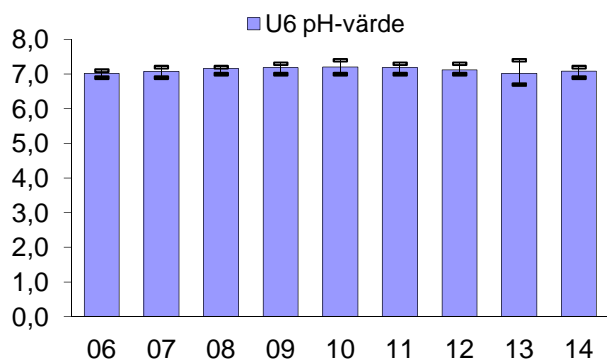
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TREND STATISTICS

FI17 Virolahti 1987- 2000

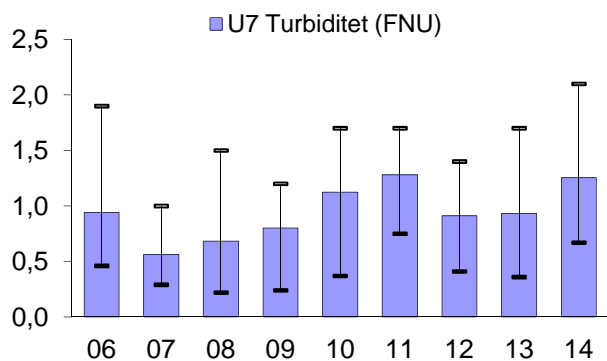
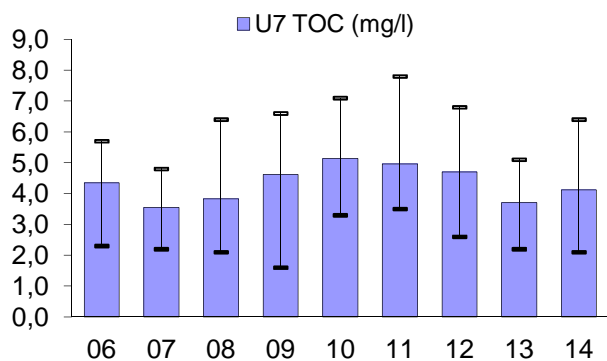
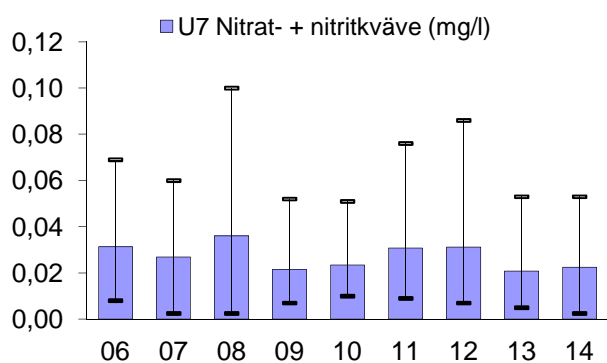
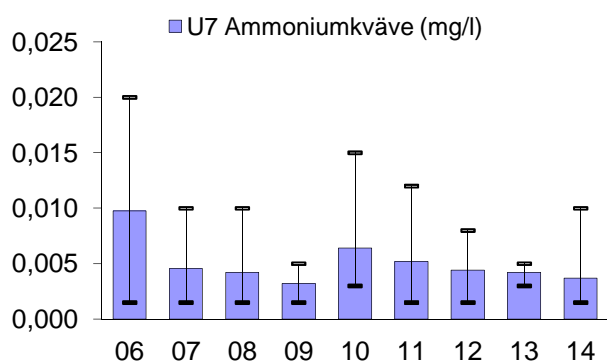
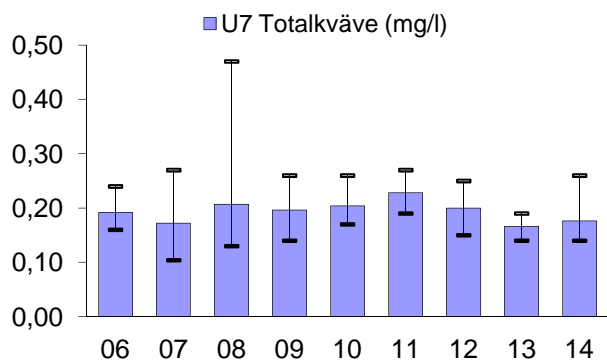
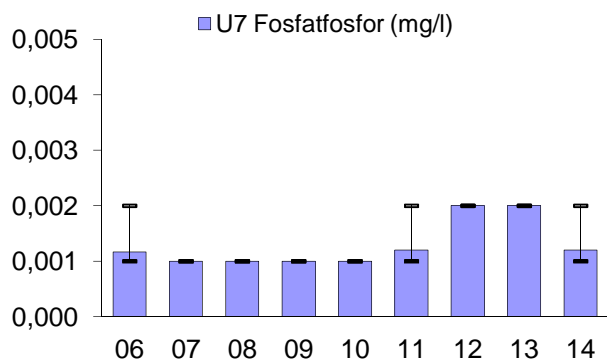
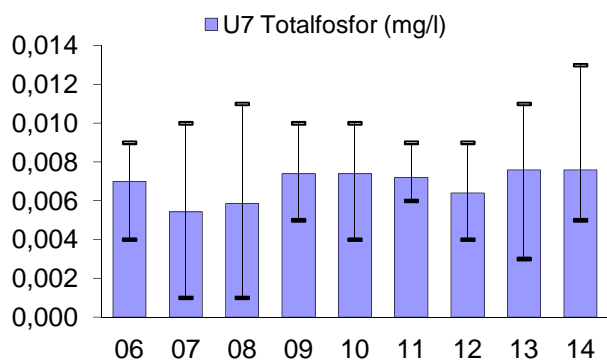
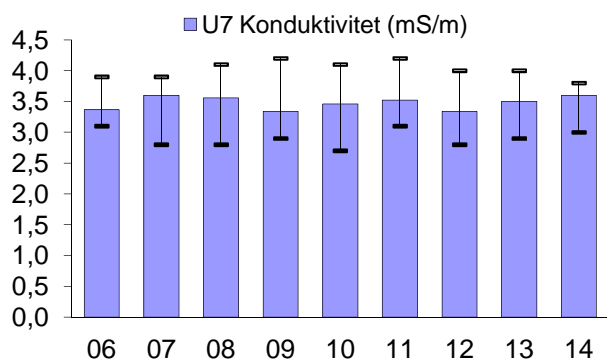
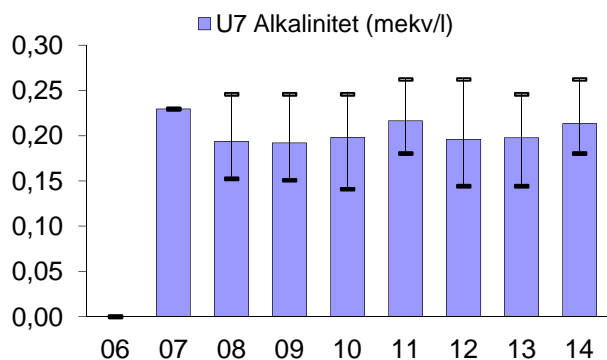
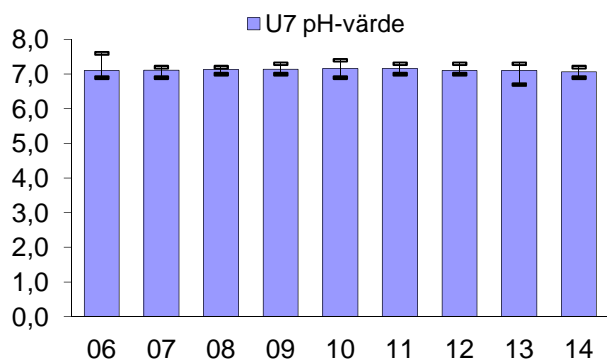
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FI17 Virolahti 1987- 2000

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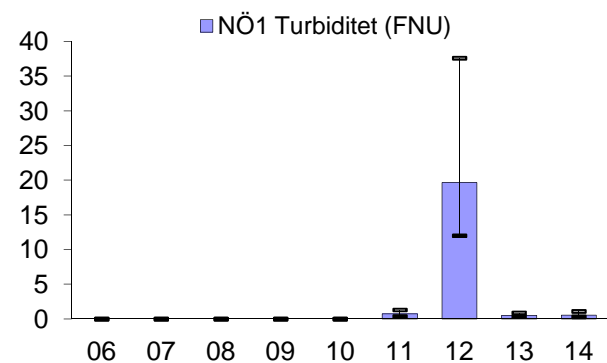
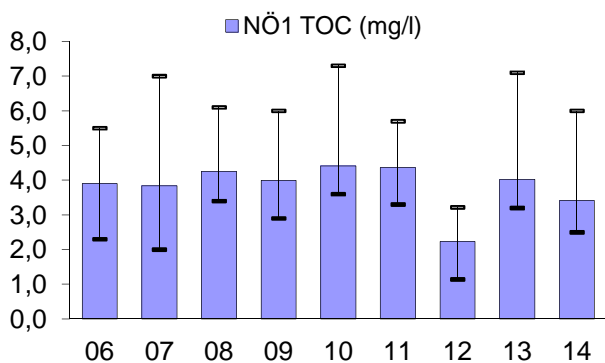
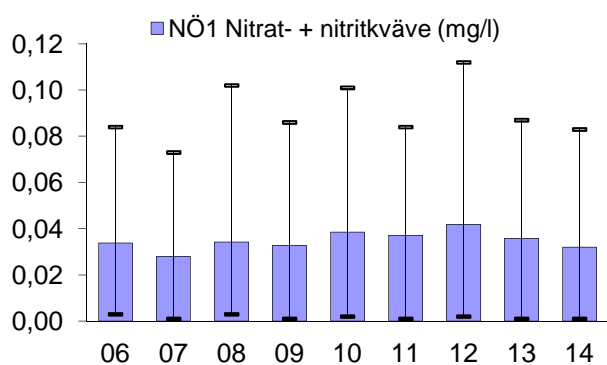
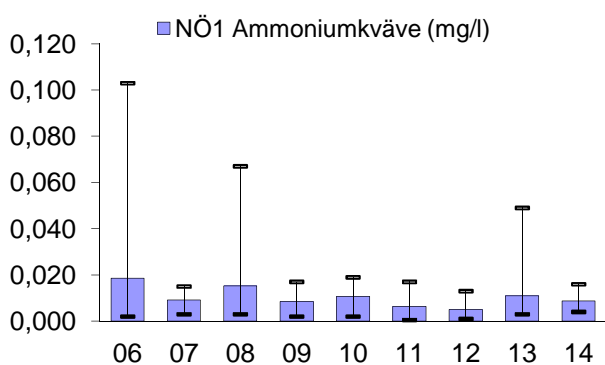
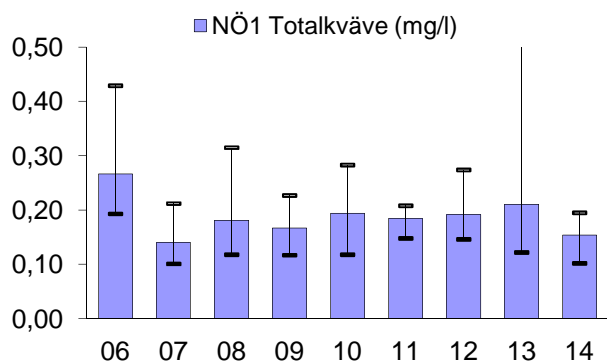
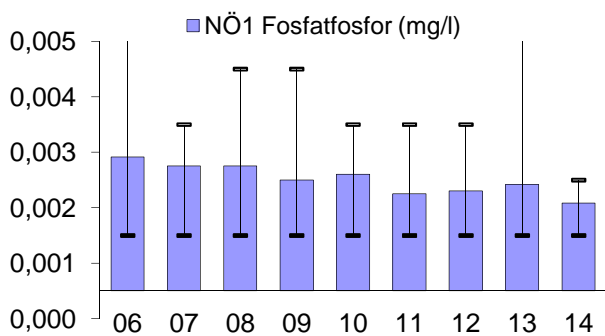
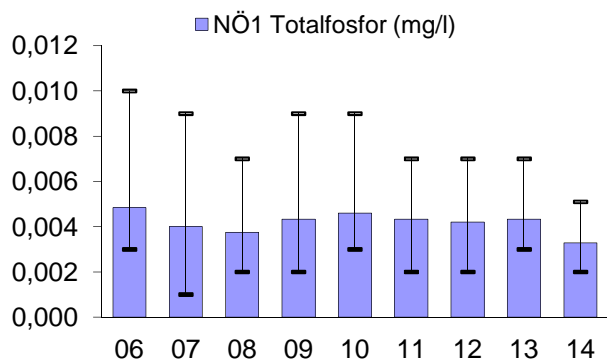
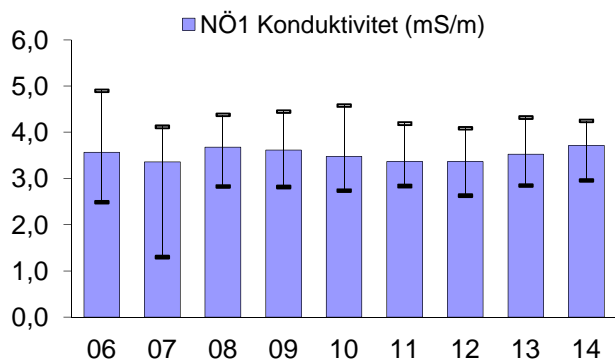
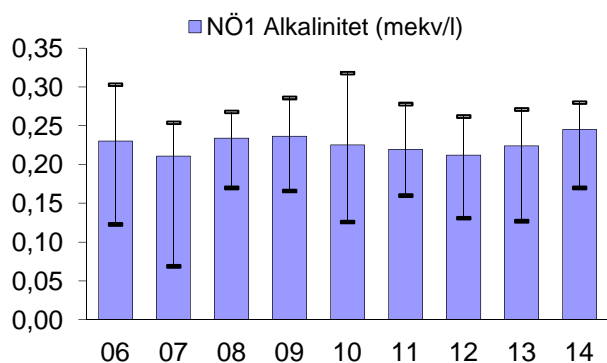
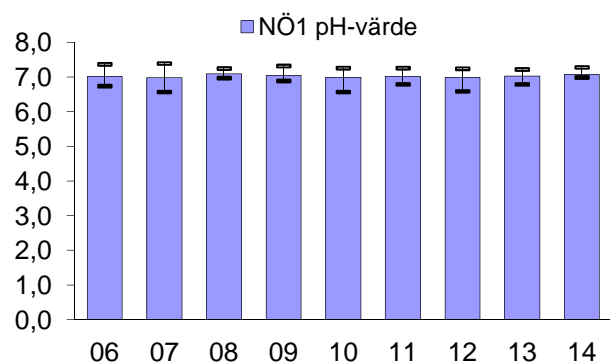


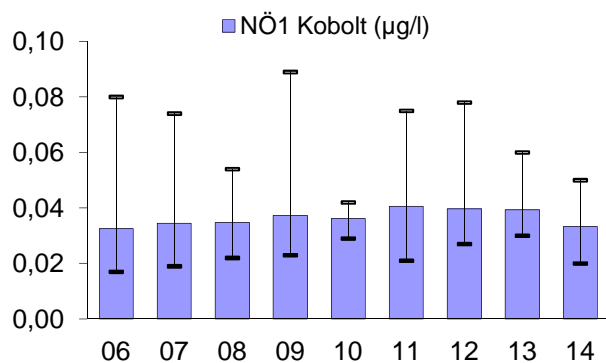
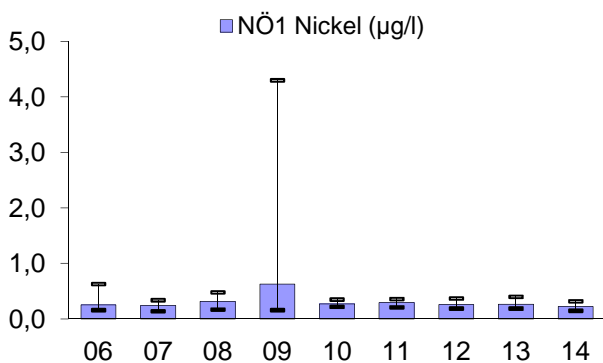
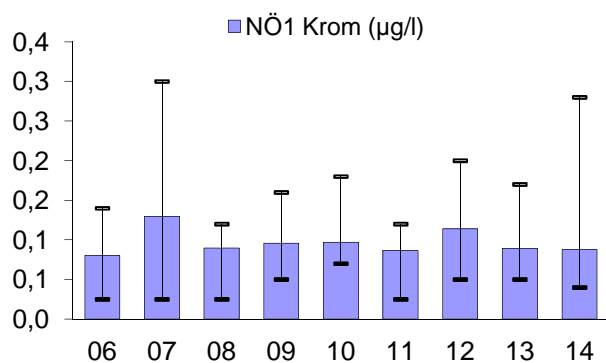
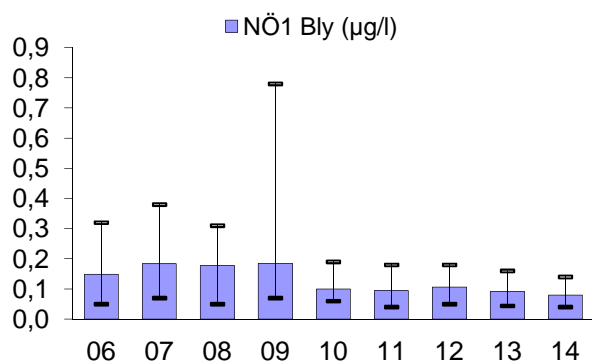
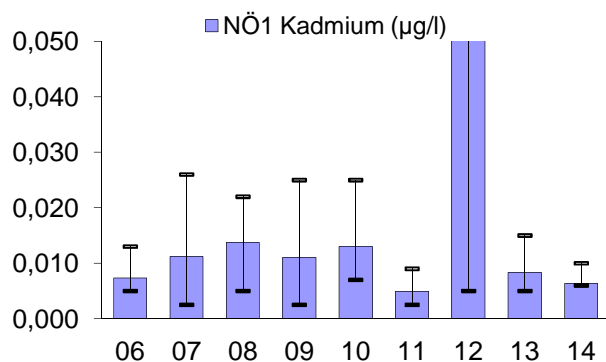
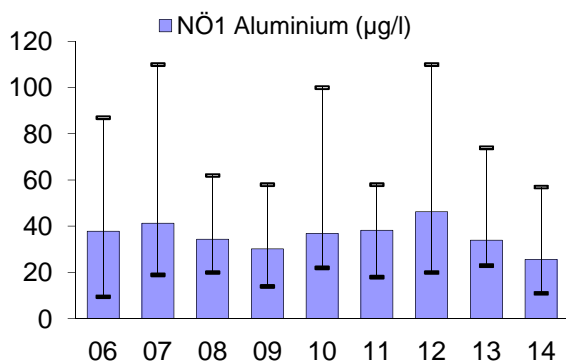
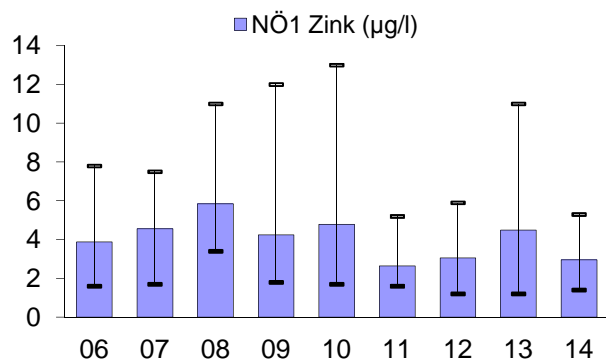
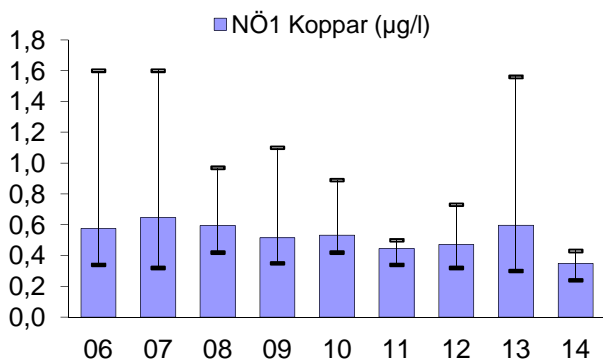
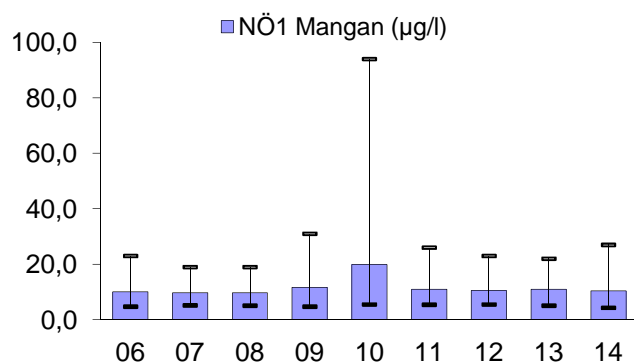
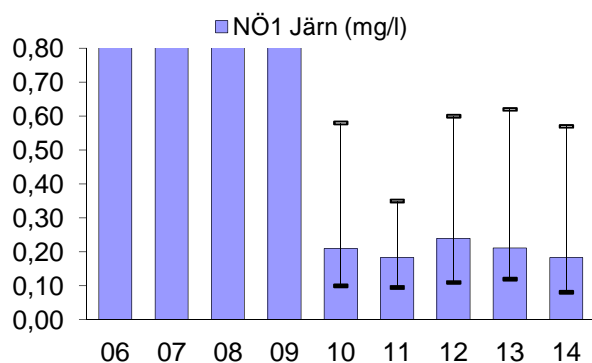
TREND STATISTICS

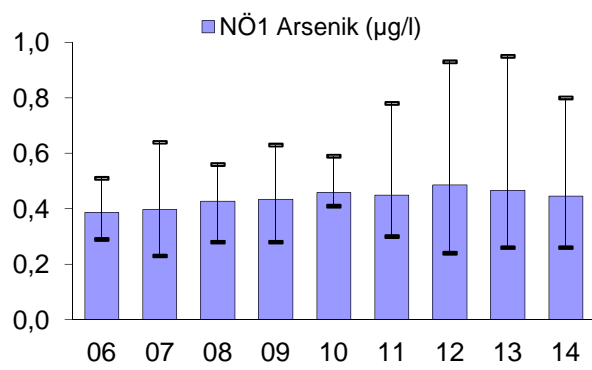
FI17 Virolahti 1987- 2000

Mann-Kendall trend Sen's slope estimate

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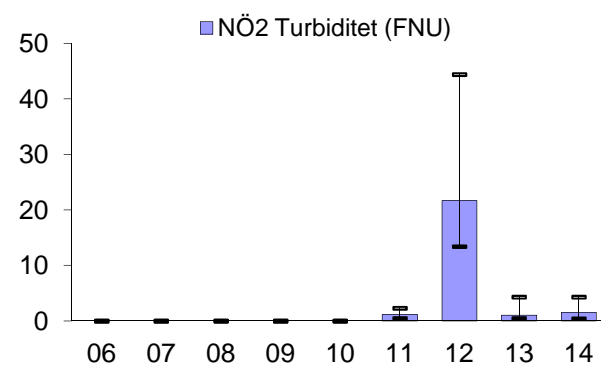
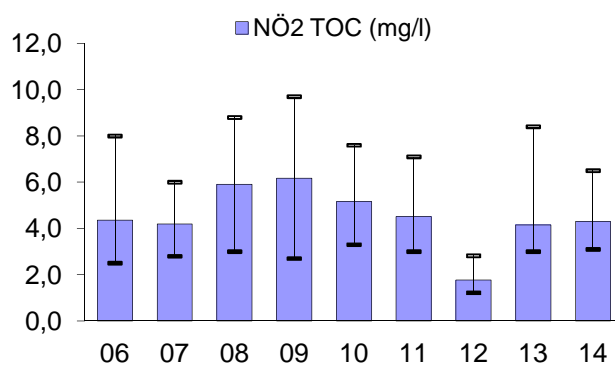
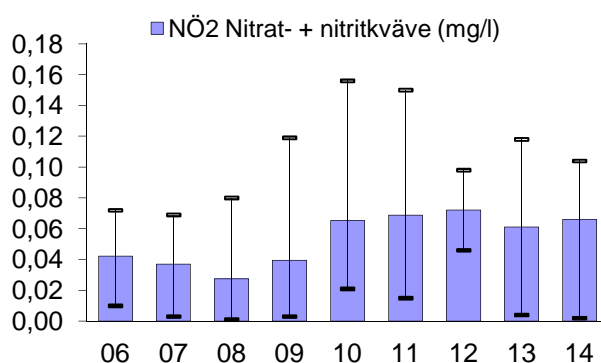
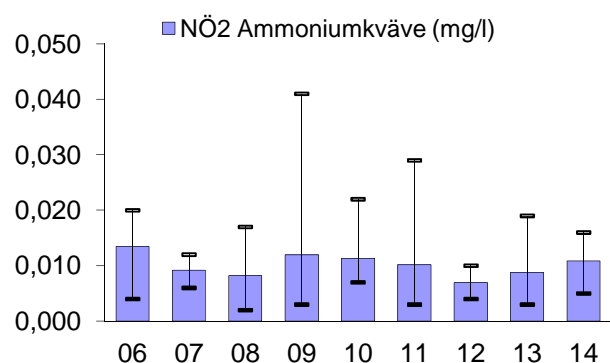
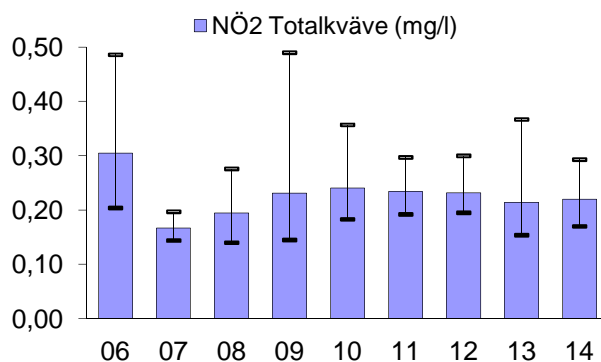
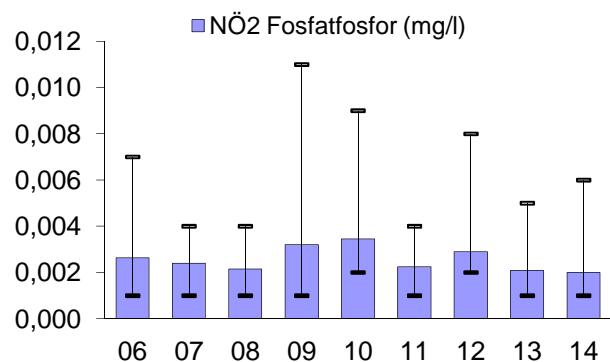
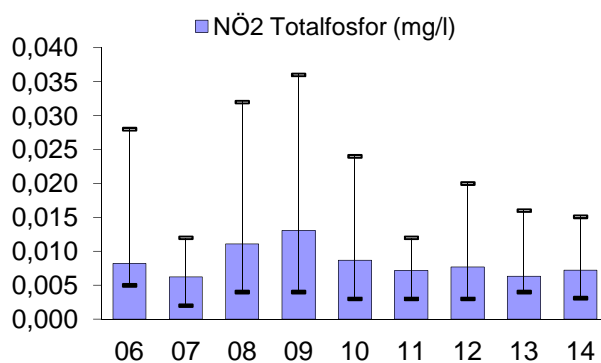
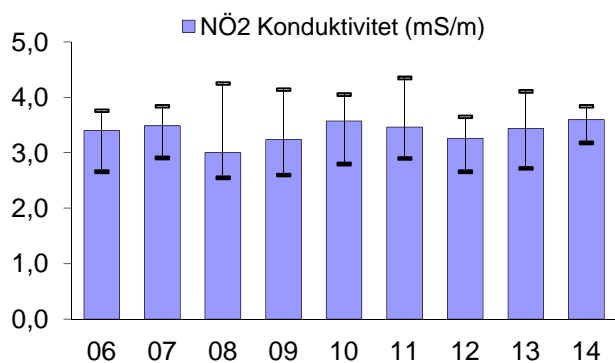
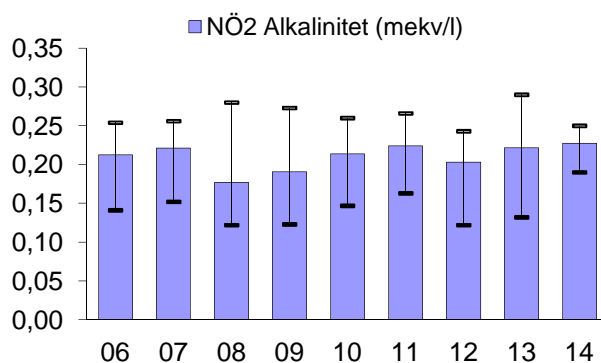
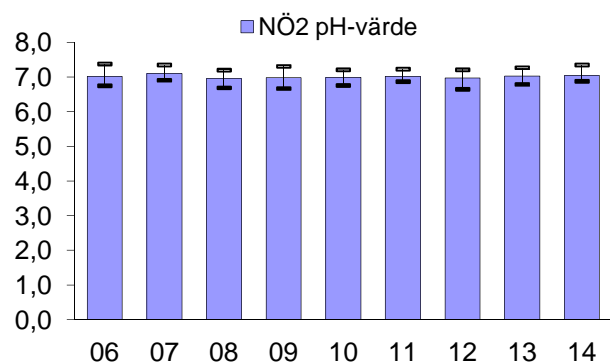


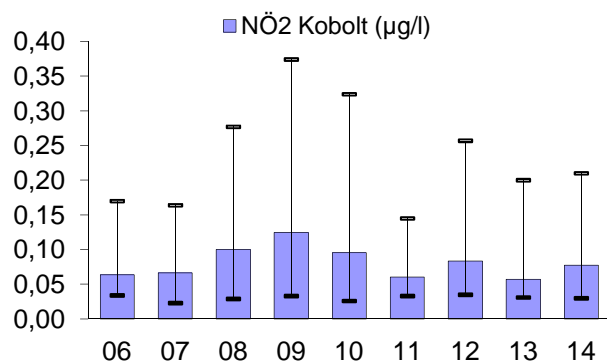
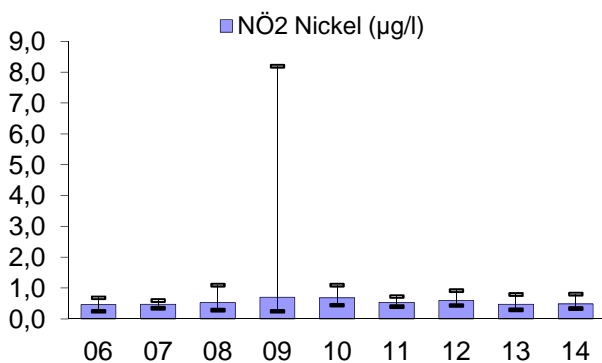
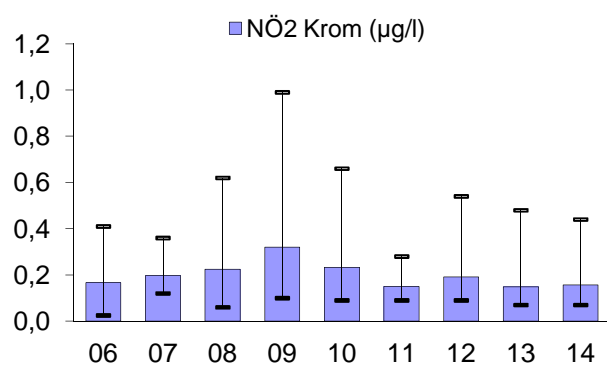
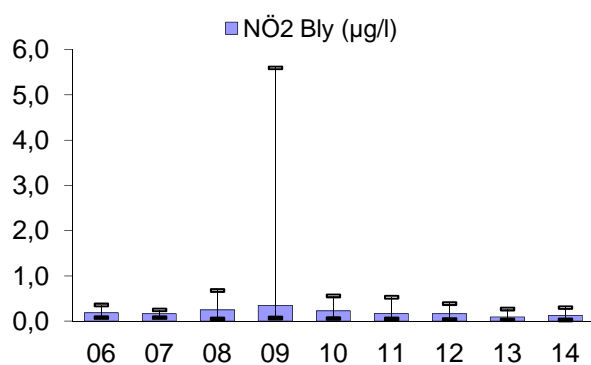
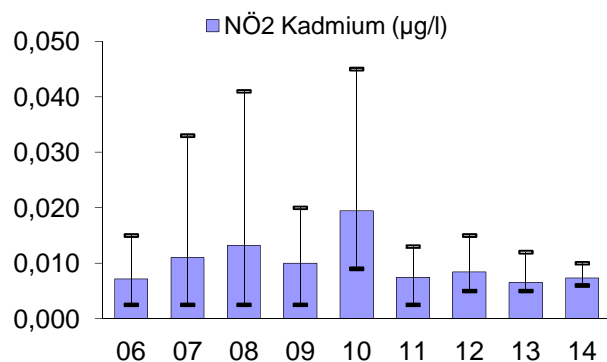
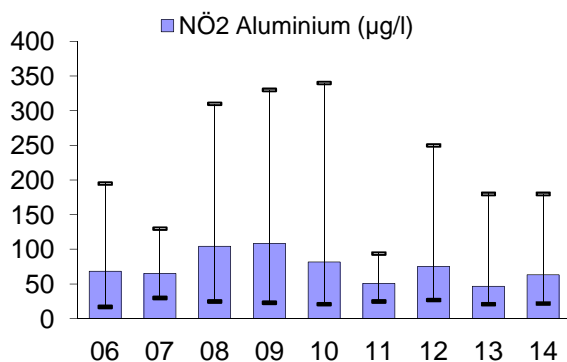
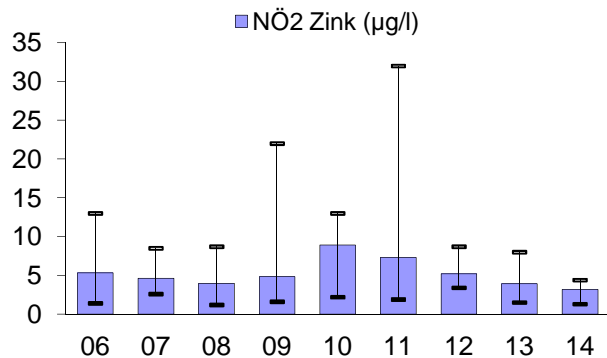
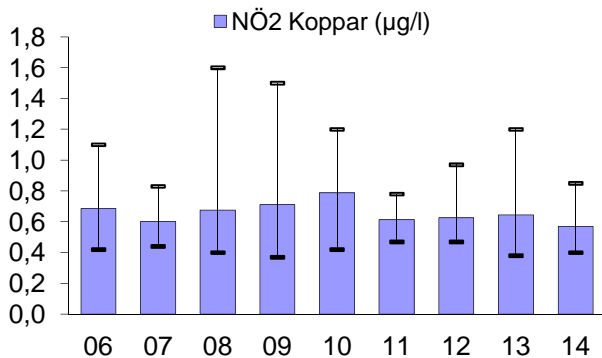
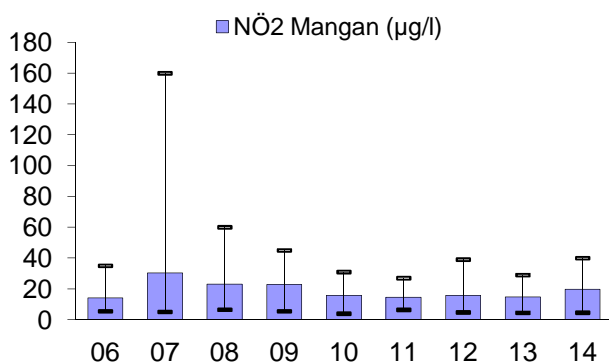
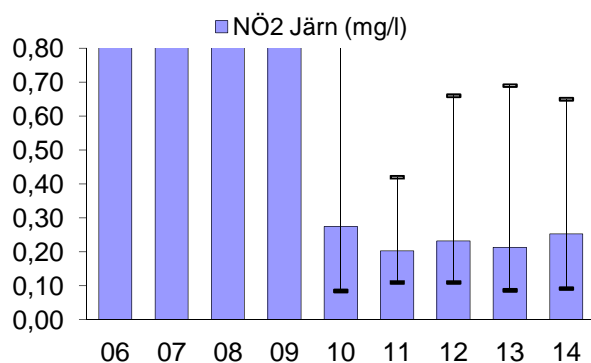


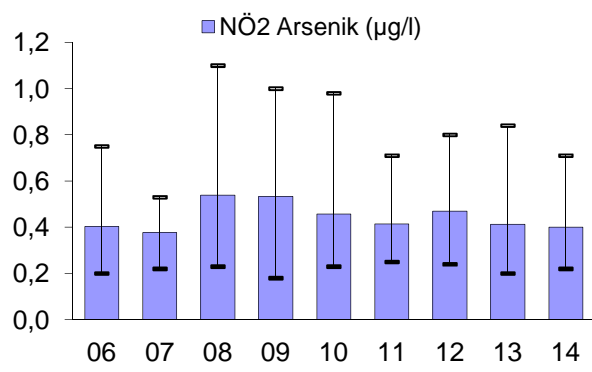
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FI17 Virolahti 1987- 2000

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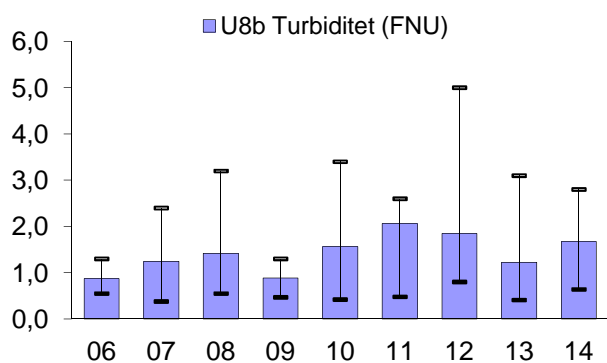
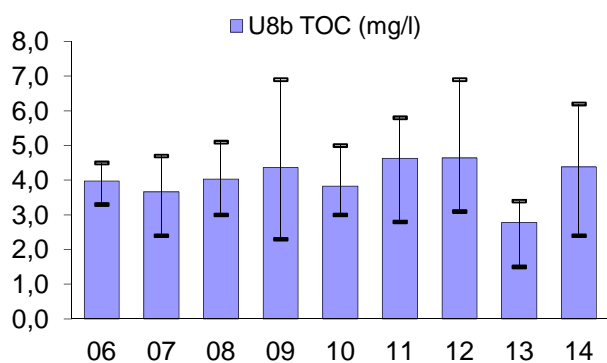
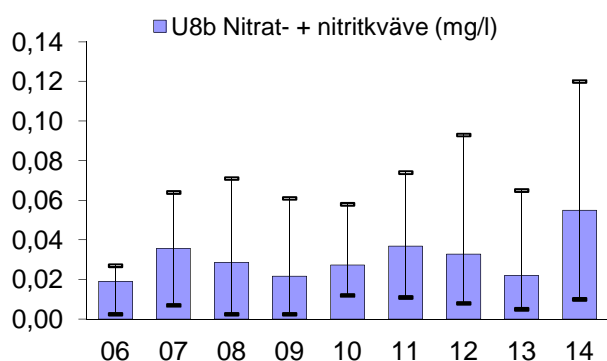
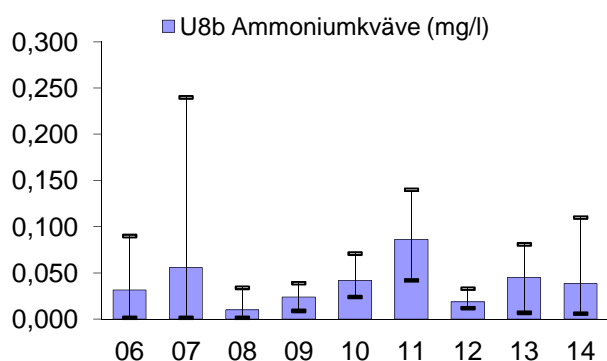
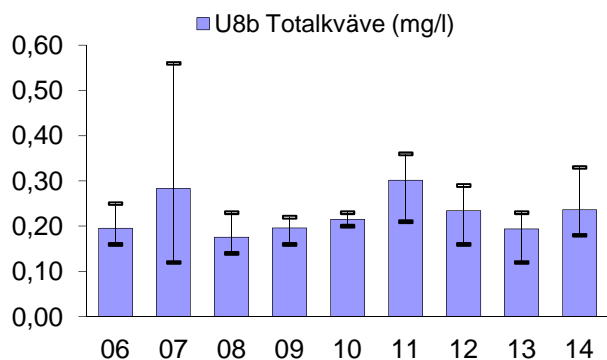
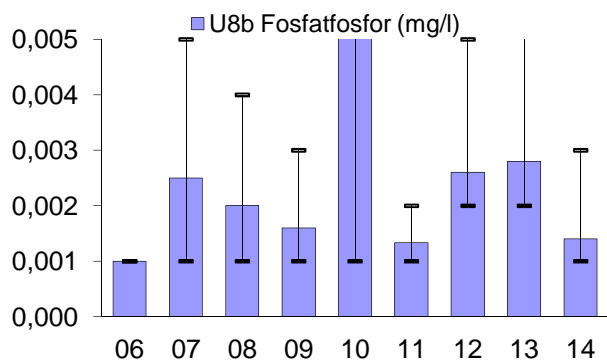
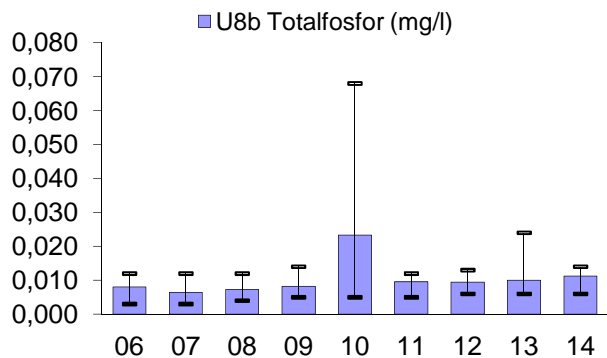
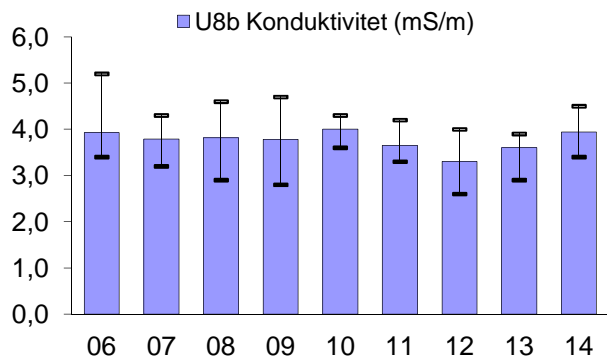
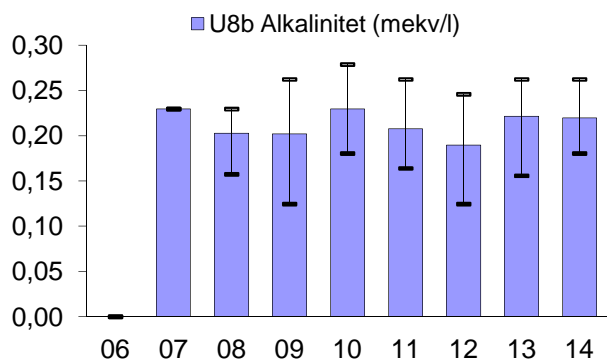
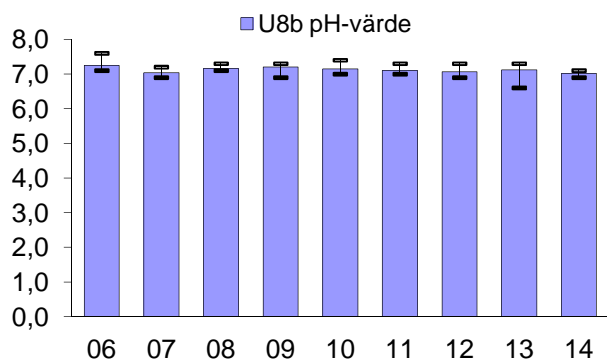




TREND STATISTICS

FI17 Virolahti 1987- 2000

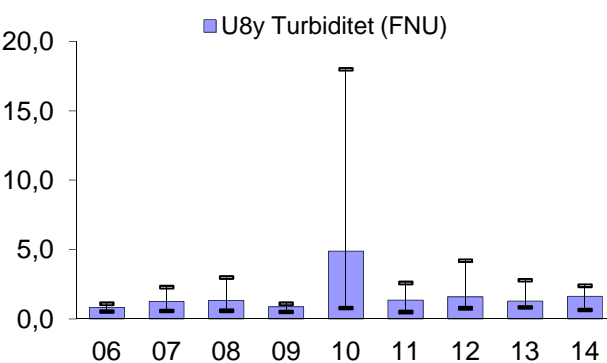
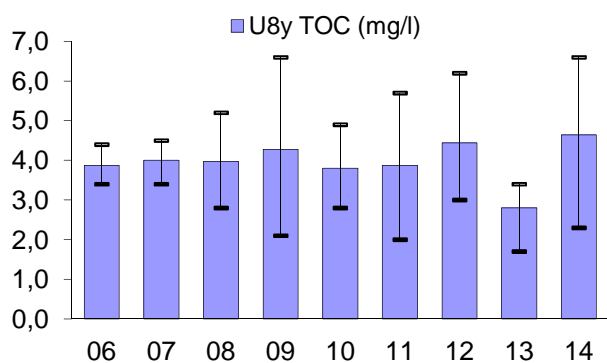
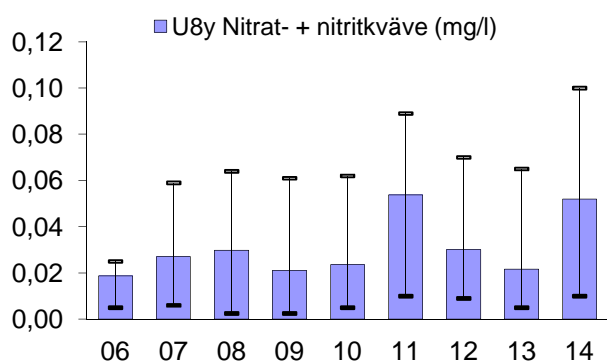
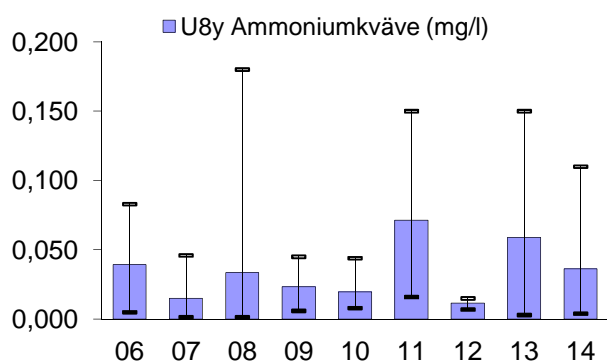
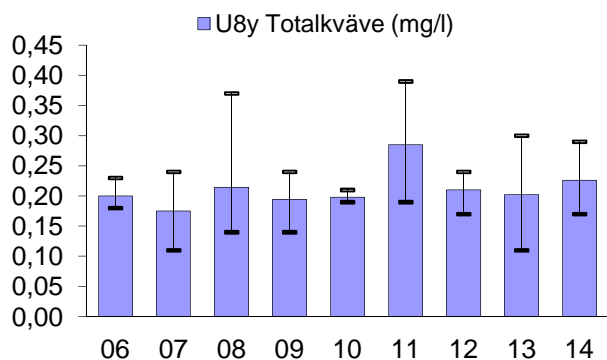
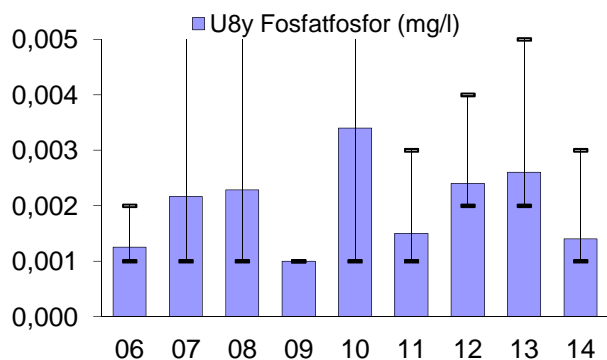
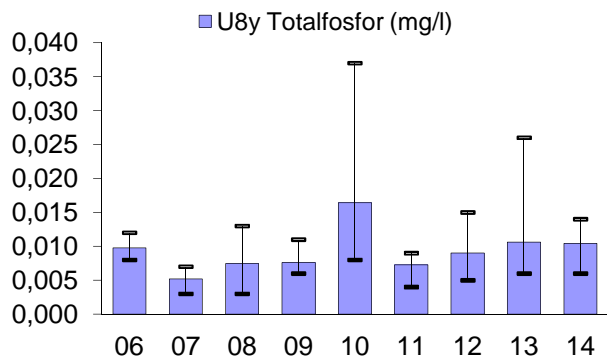
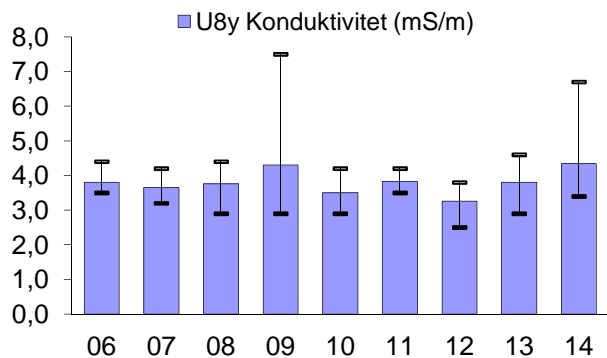
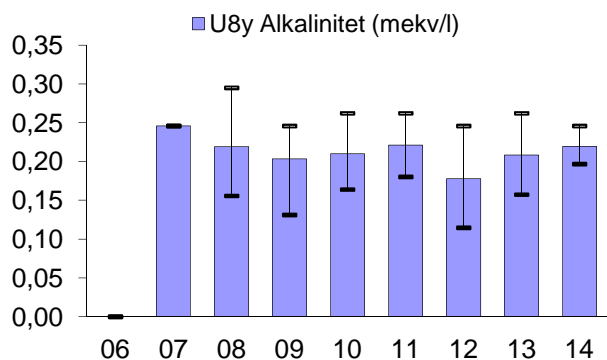
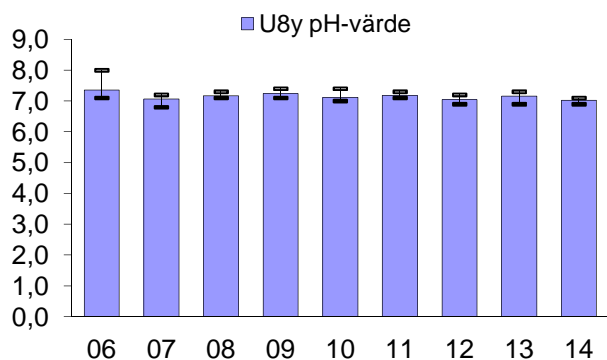
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FI17 Virolahti 1987- 2000

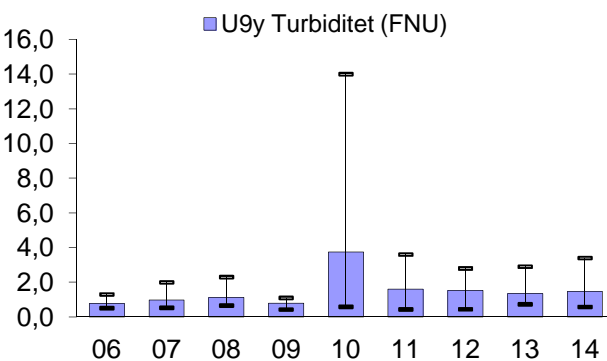
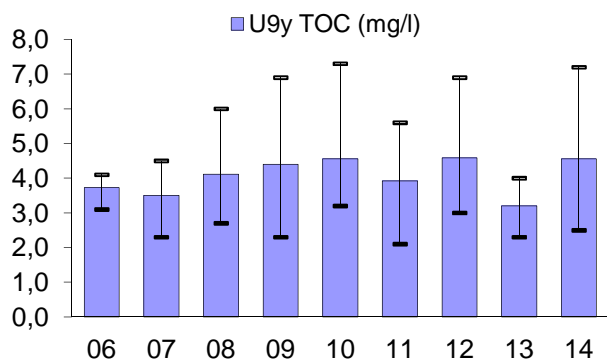
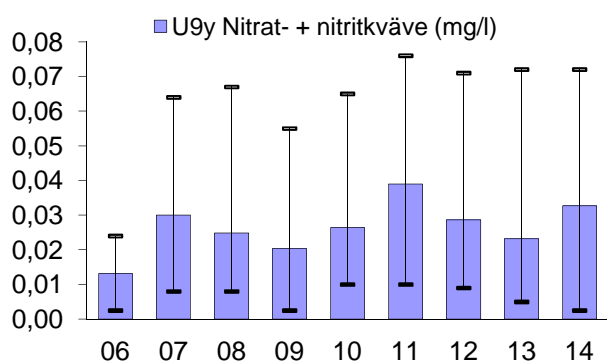
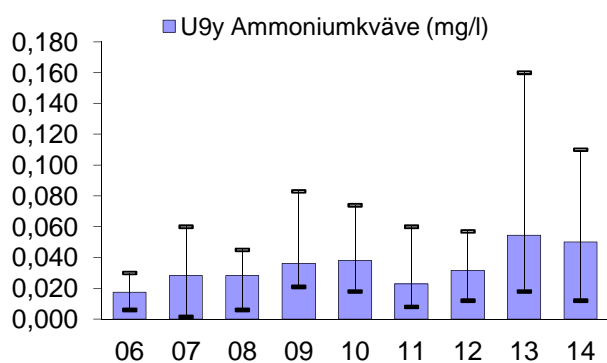
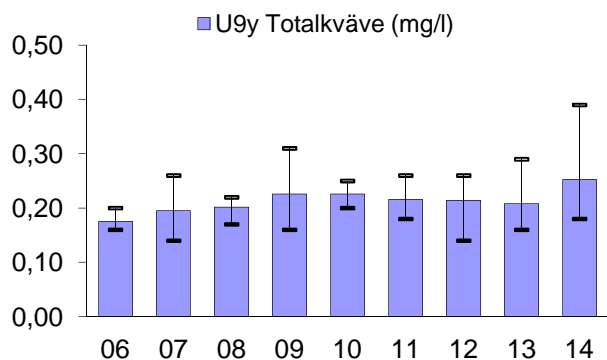
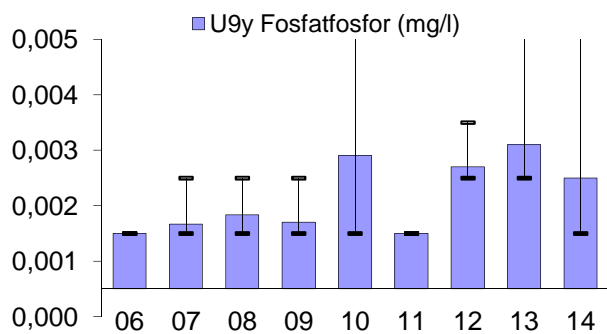
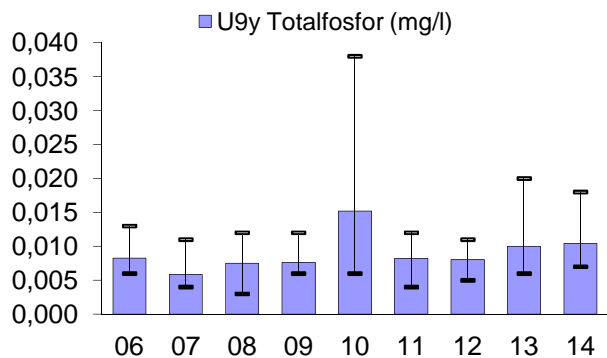
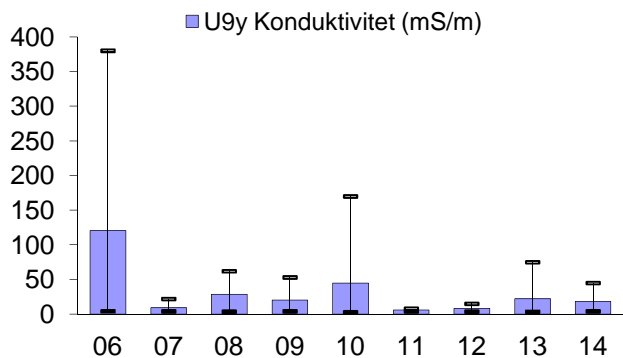
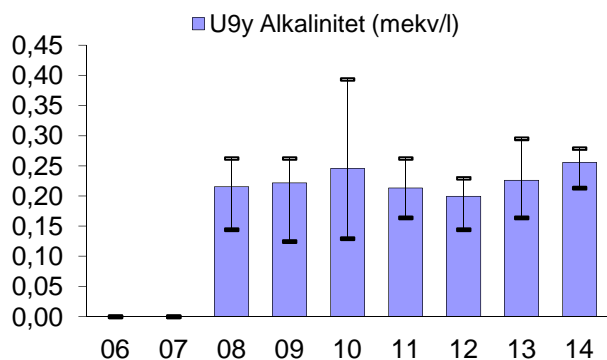
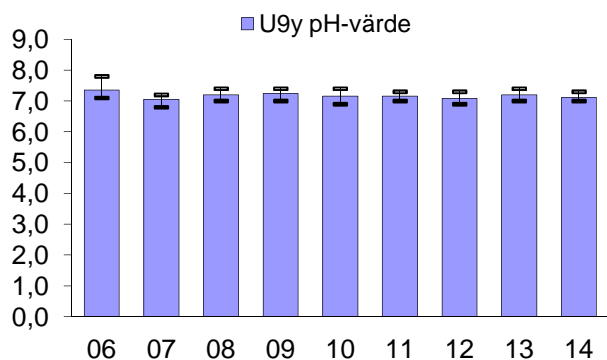
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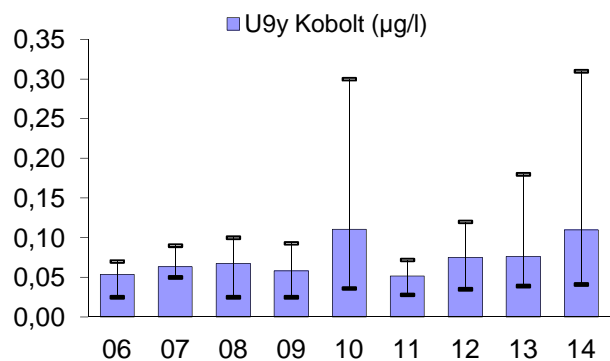
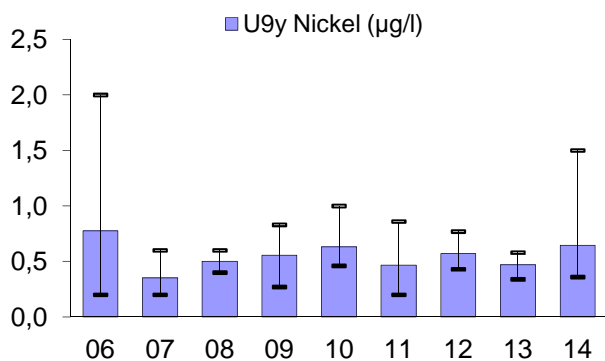
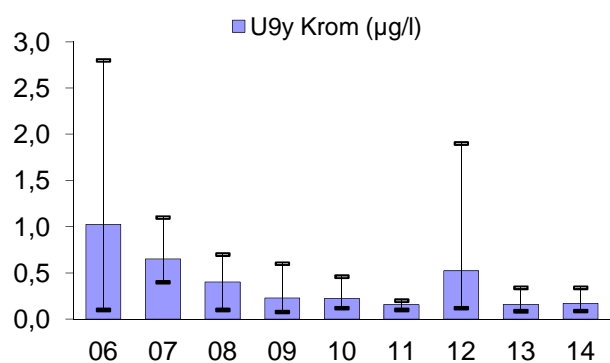
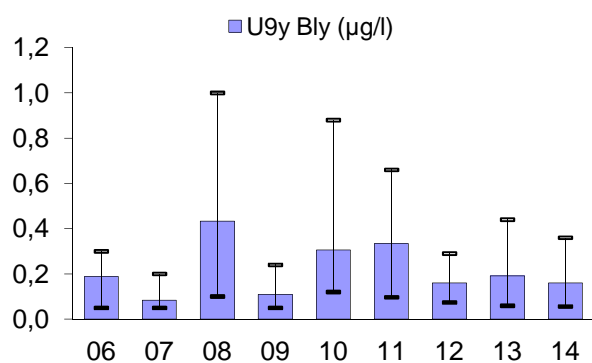
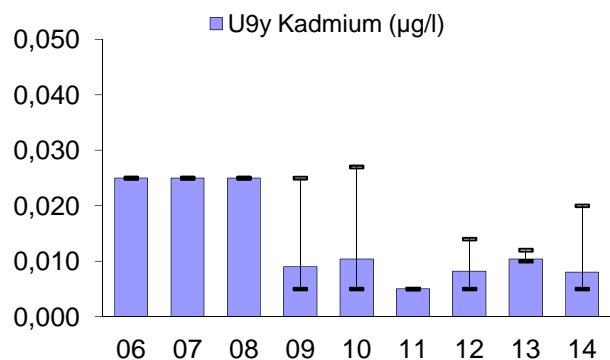
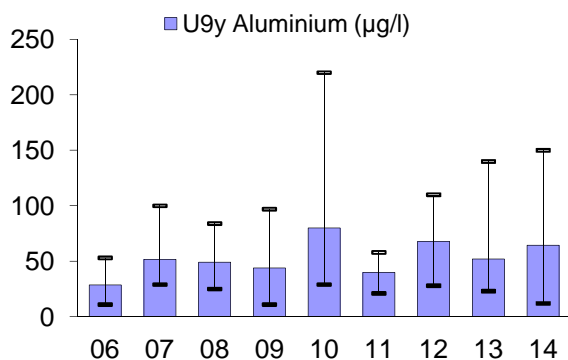
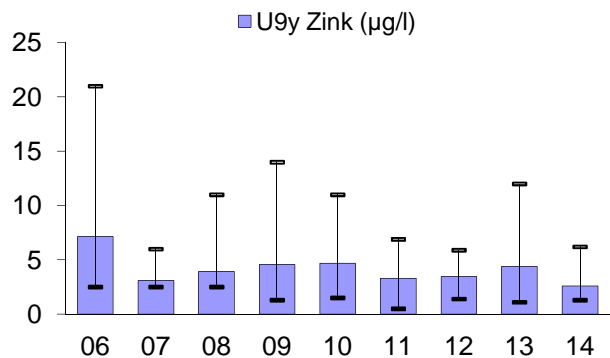
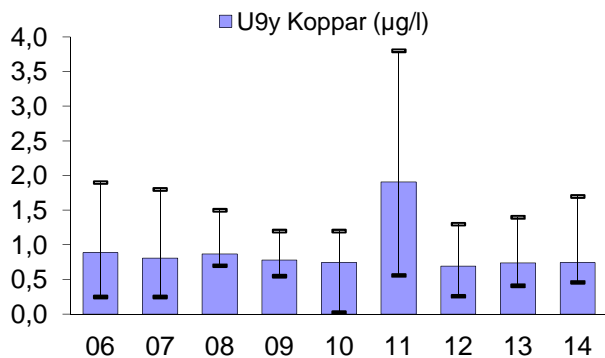
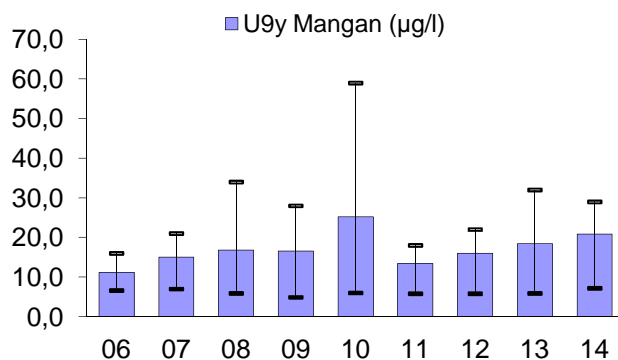
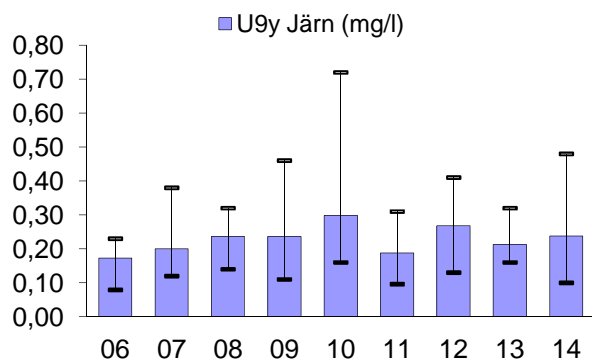


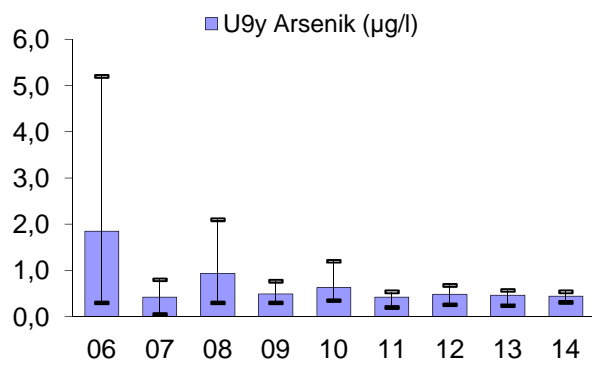
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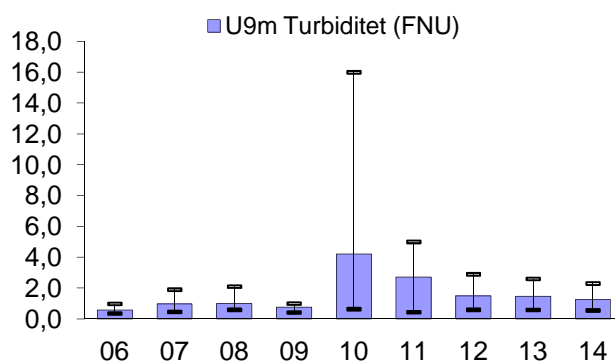
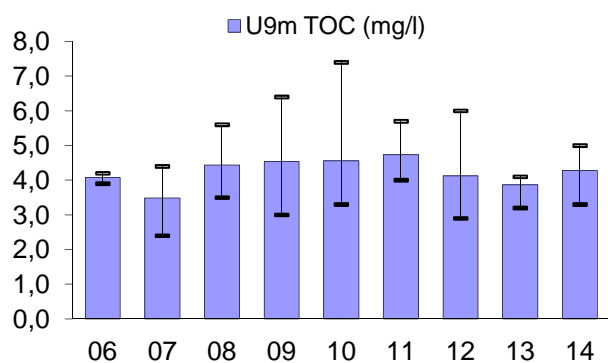
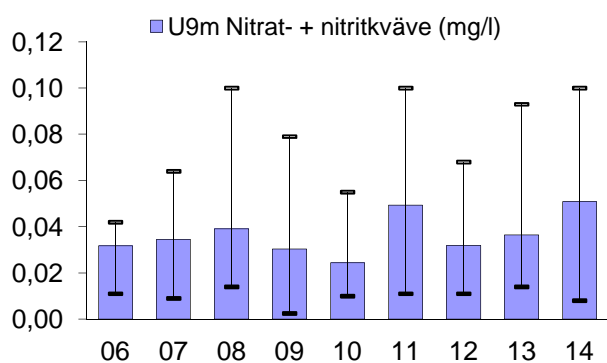
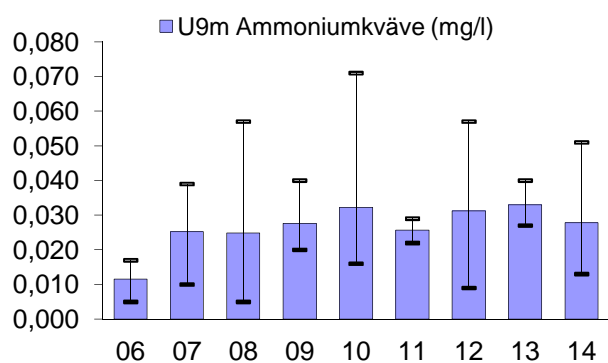
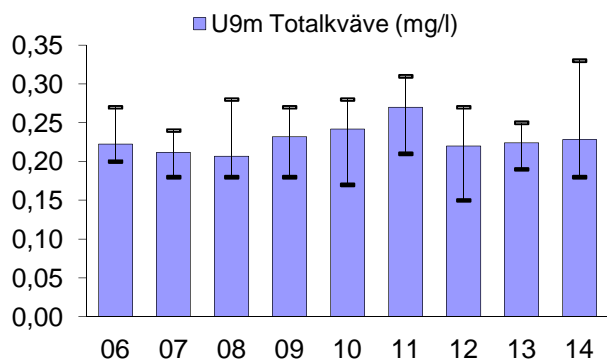
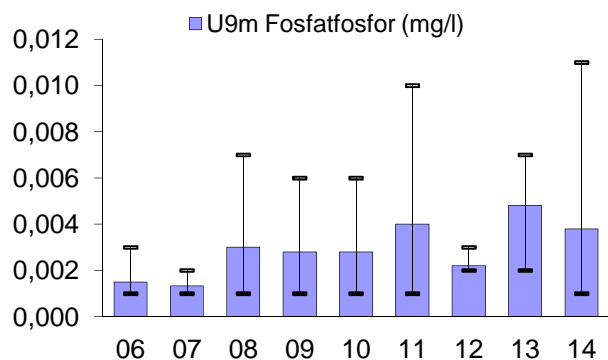
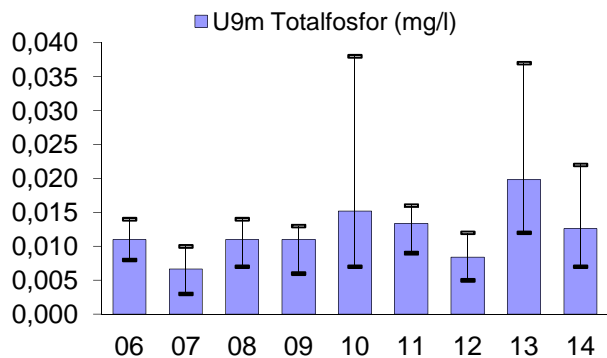
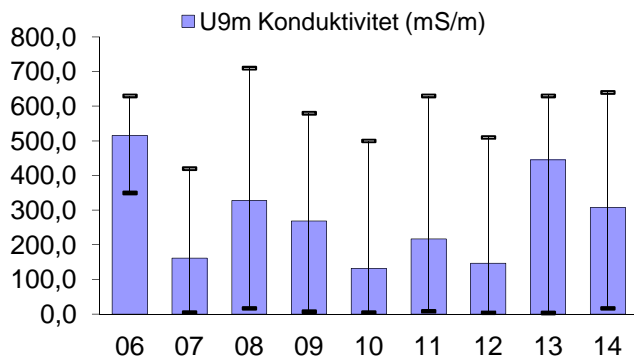
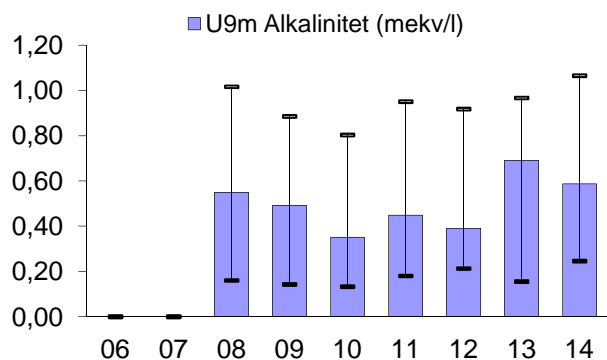
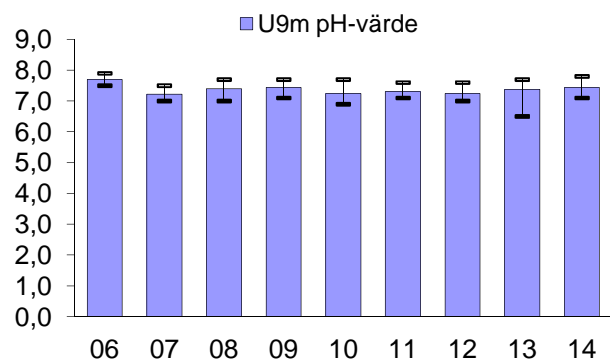




TREND STATISTICS

	Mann-Kendall trend	Sen's slope estimate
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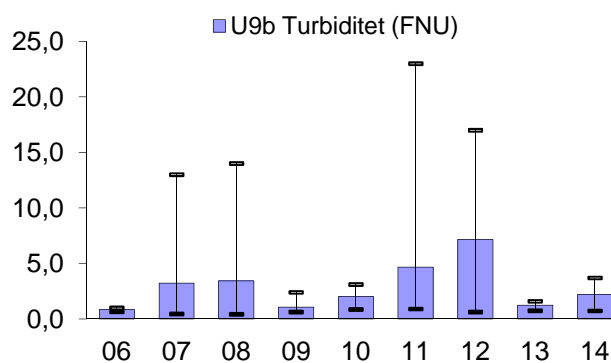
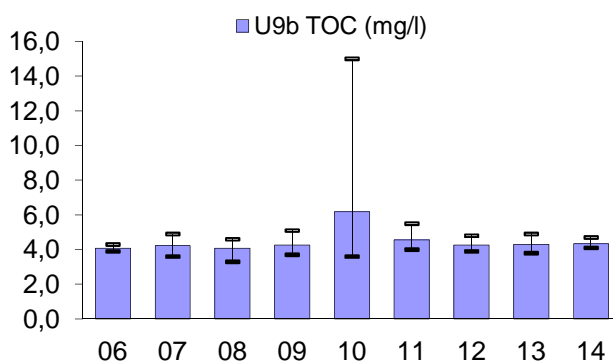
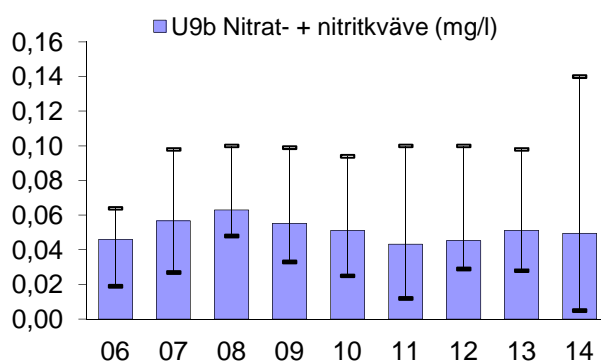
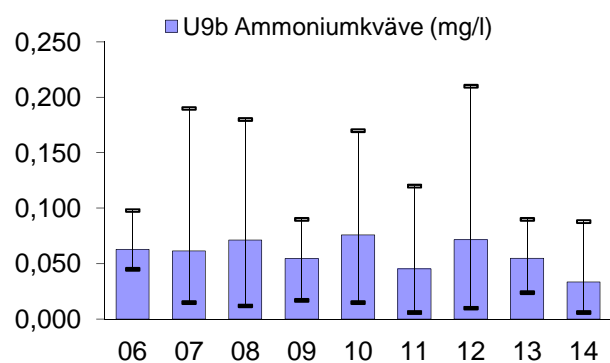
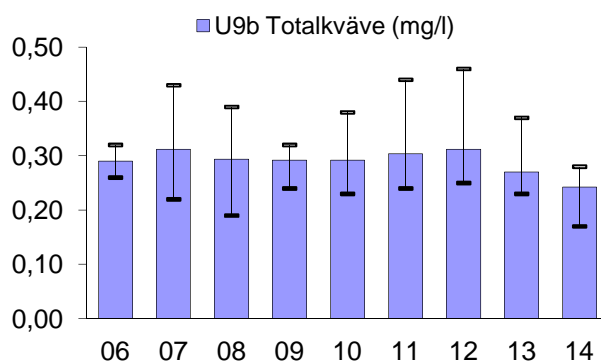
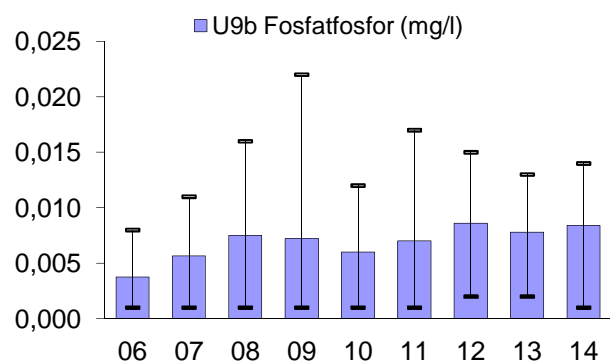
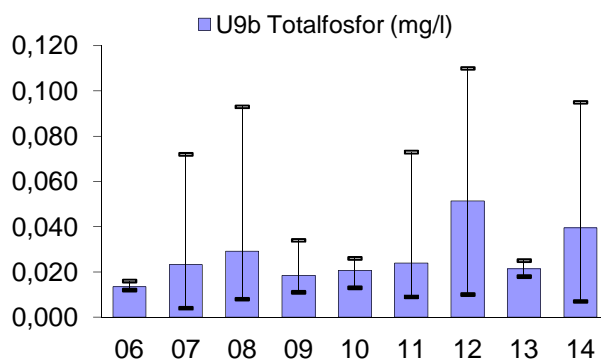
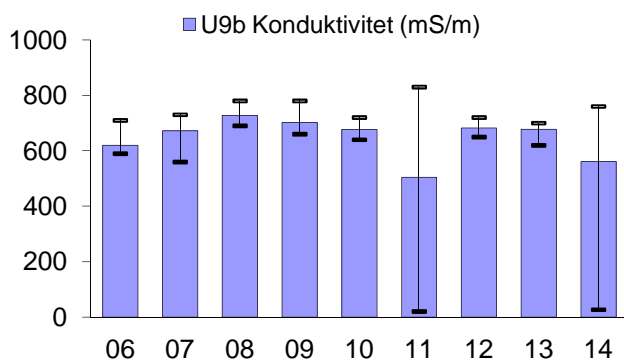
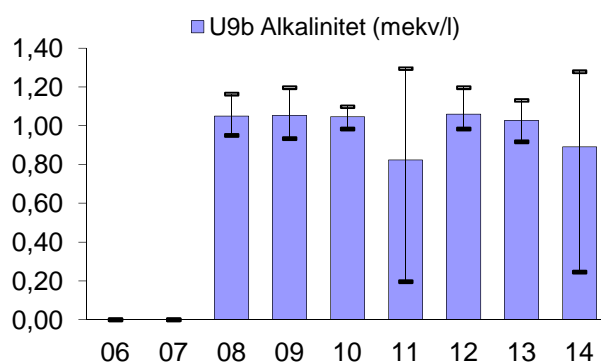
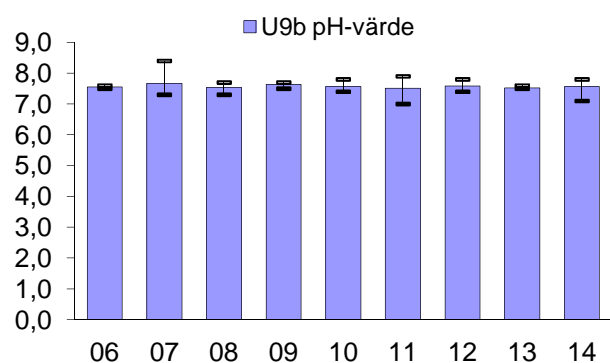
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TREND STATISTICS

FI17 Virolahti 1987- 2000

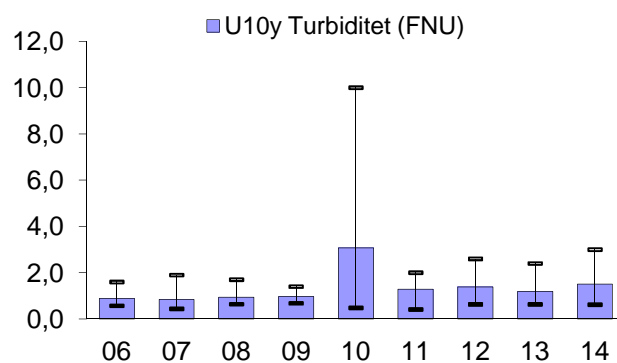
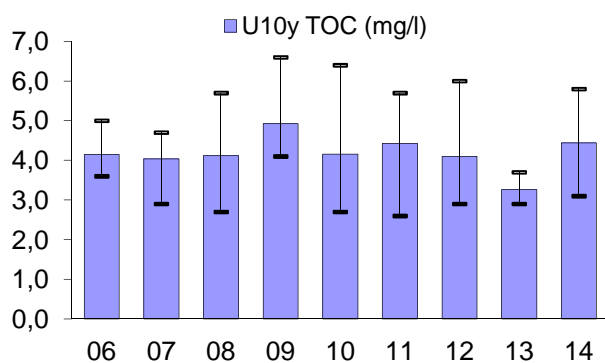
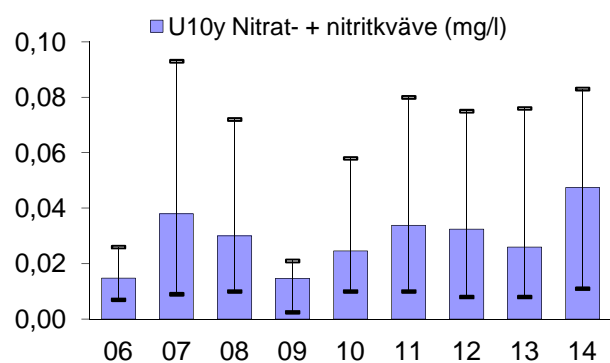
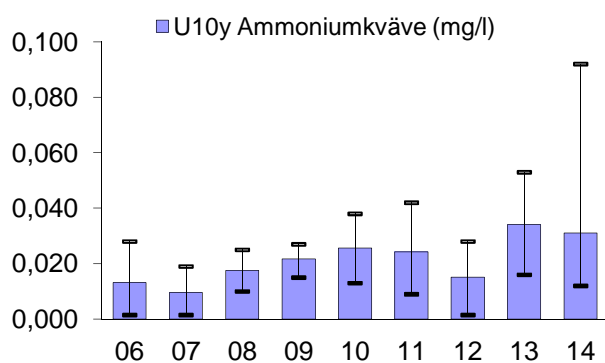
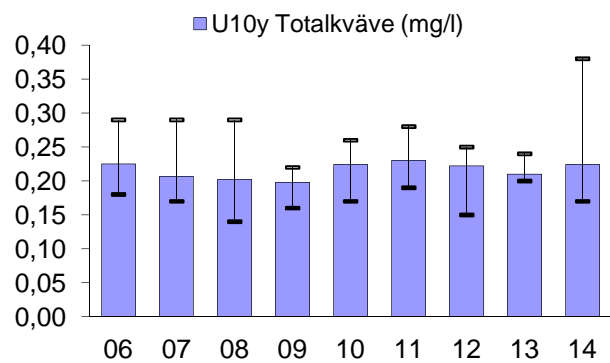
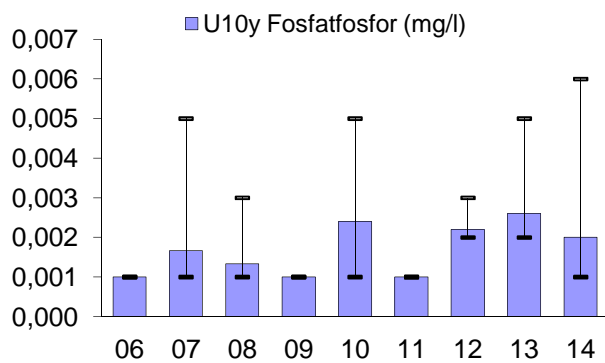
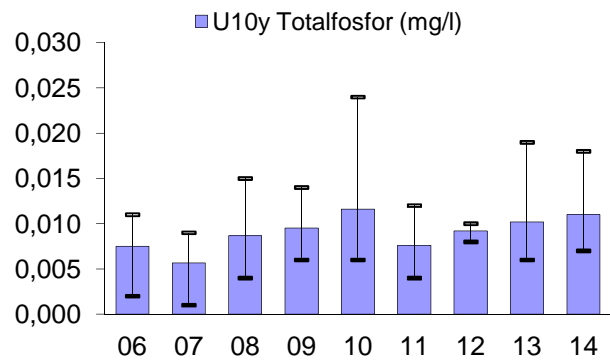
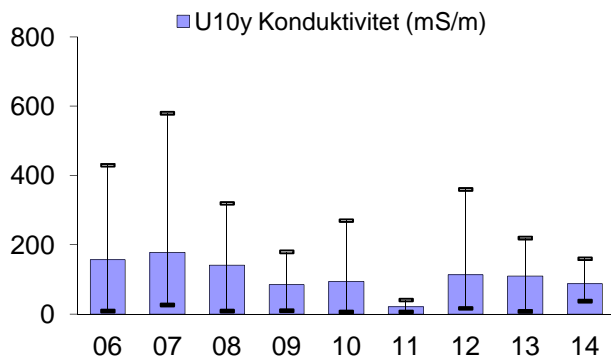
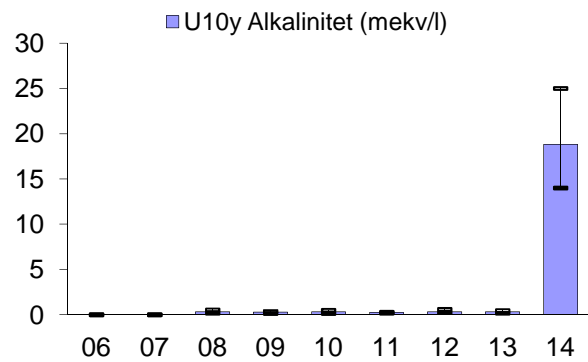
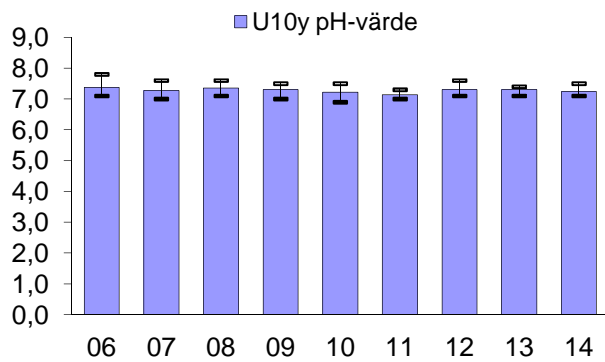
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TREND STATISTICS

FI17 Virolahti 1987- 2000

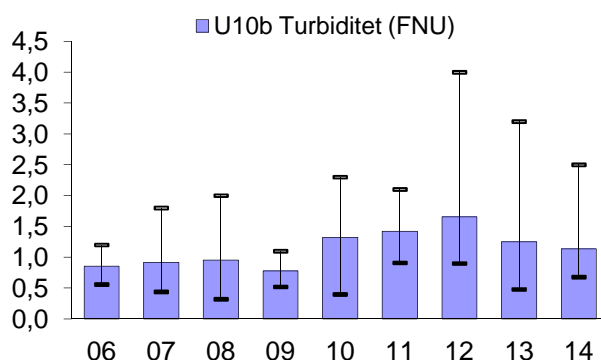
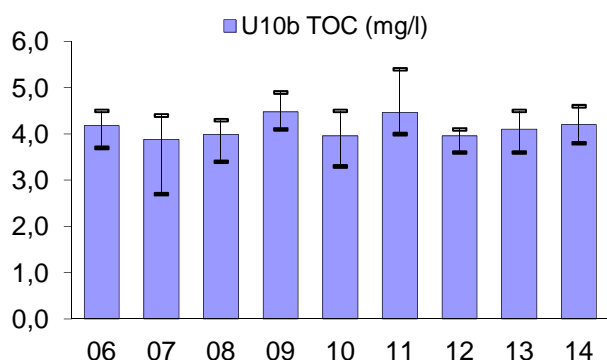
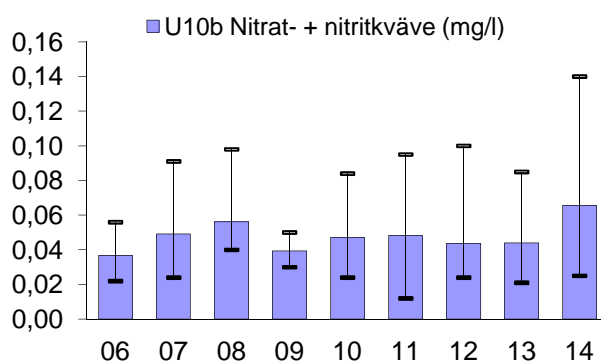
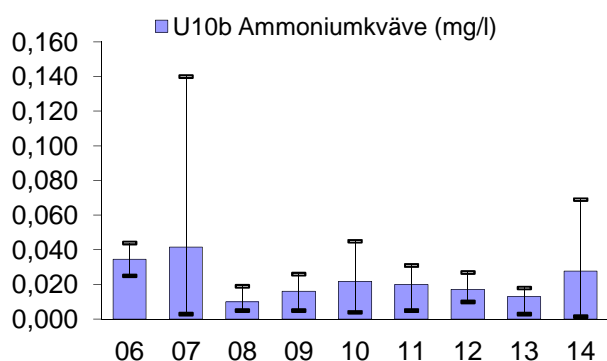
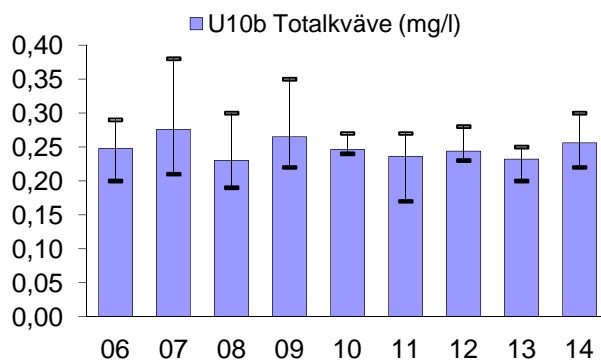
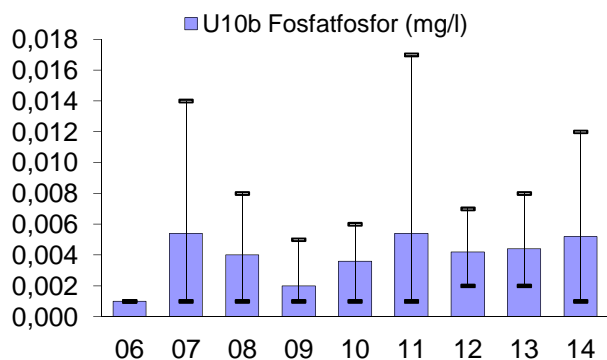
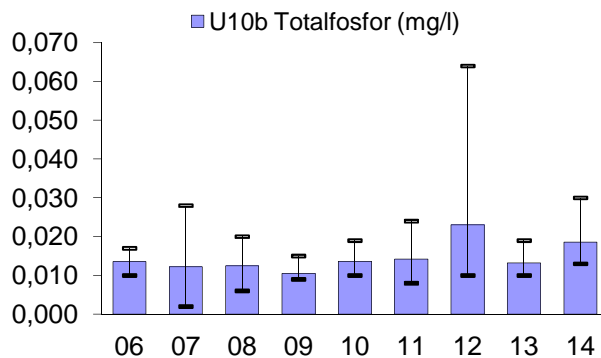
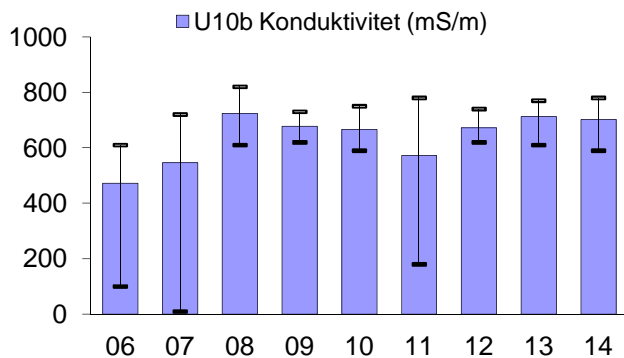
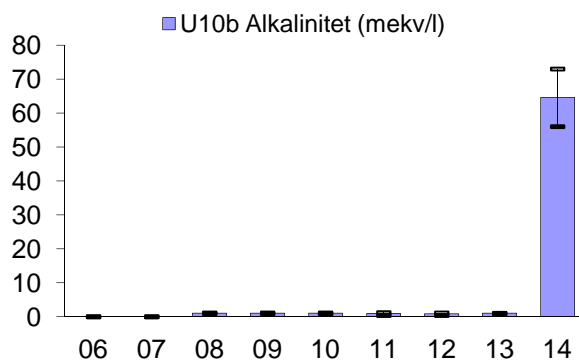
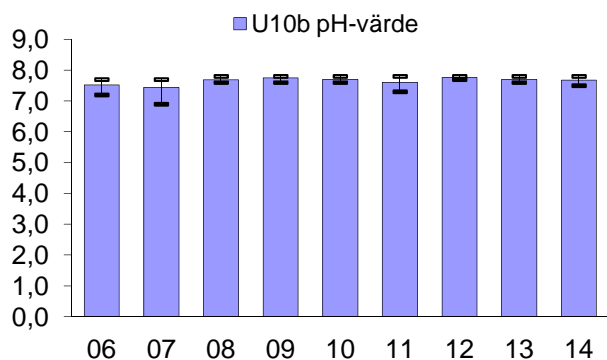
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TREND STATISTICS

FI17 Virolahti 1987- 2000

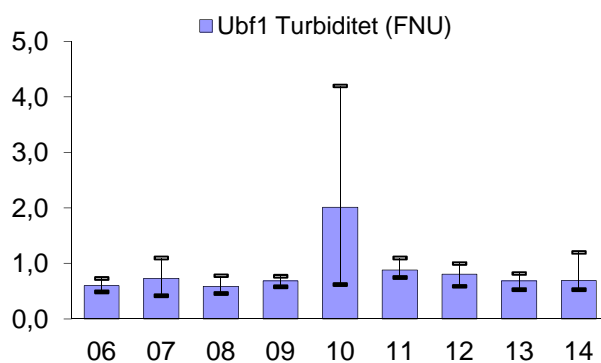
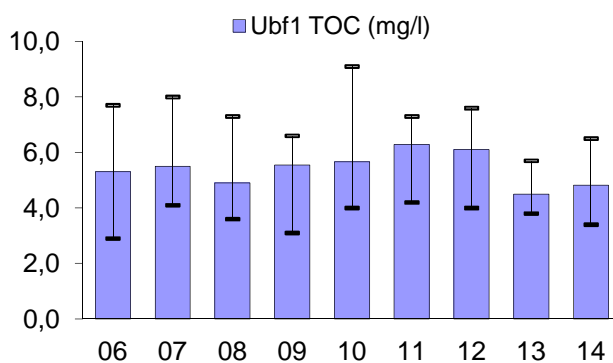
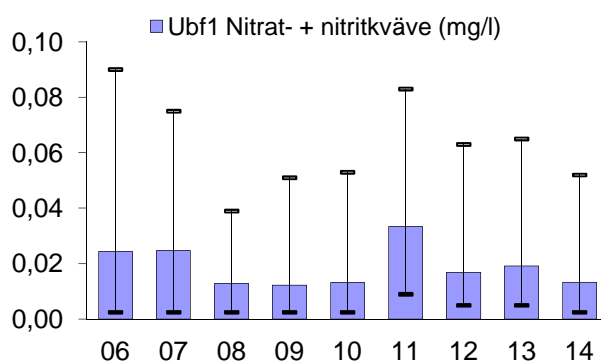
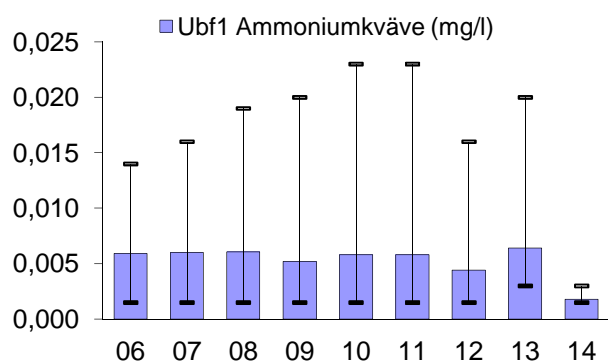
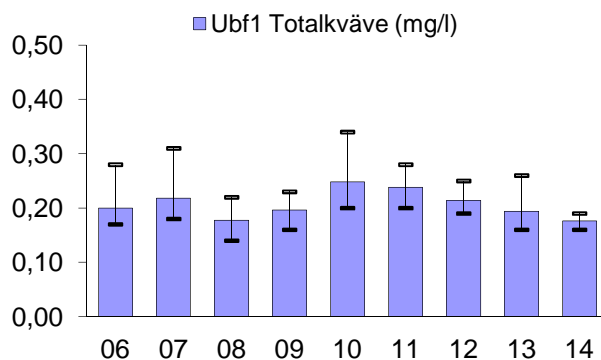
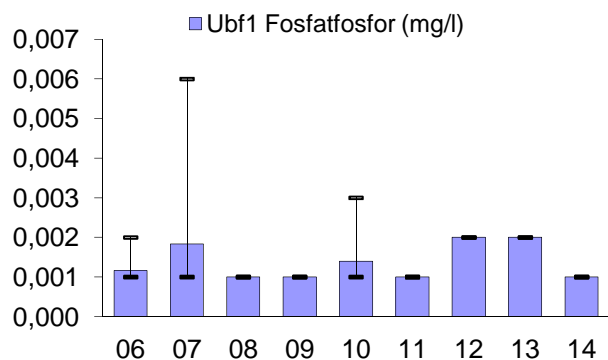
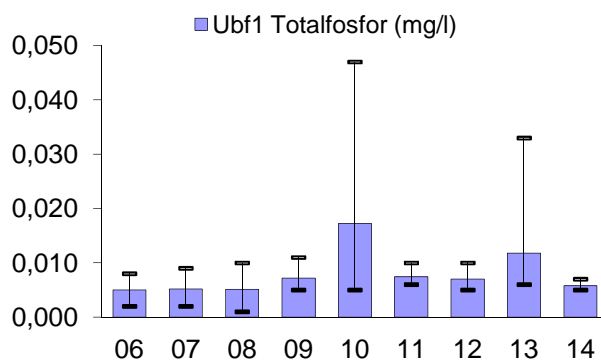
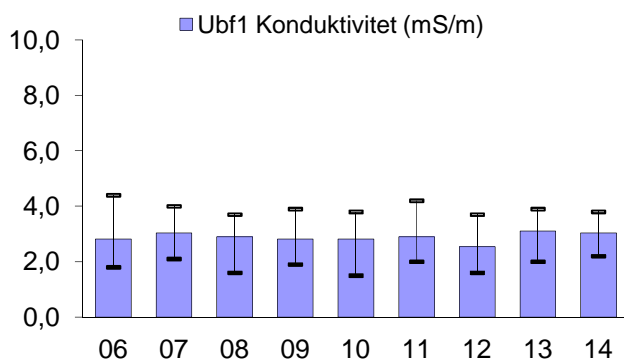
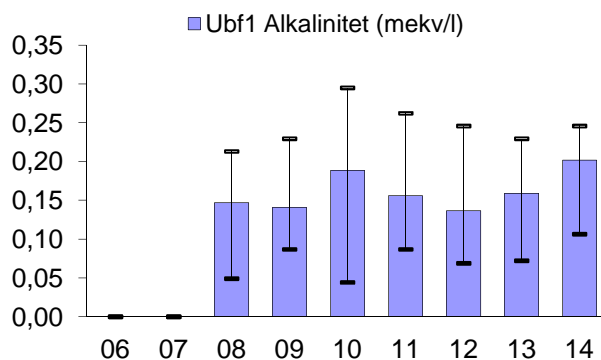
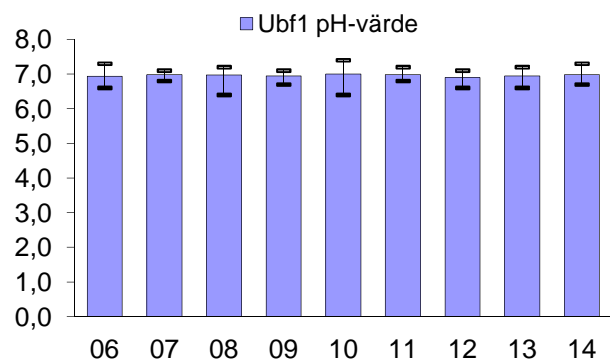
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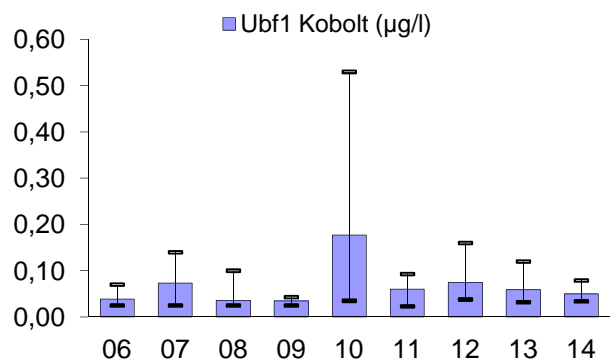
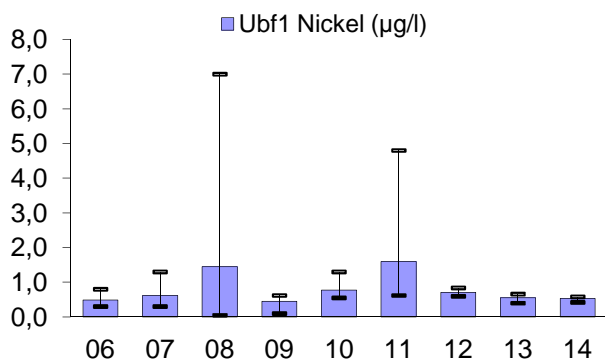
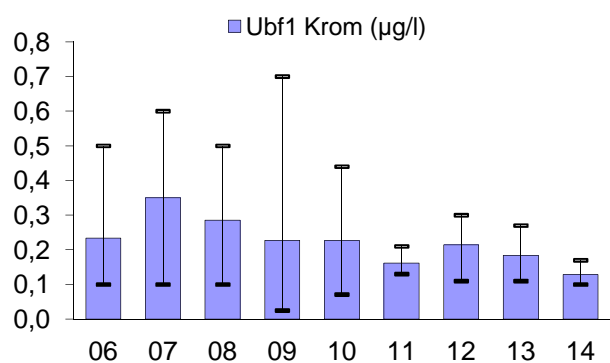
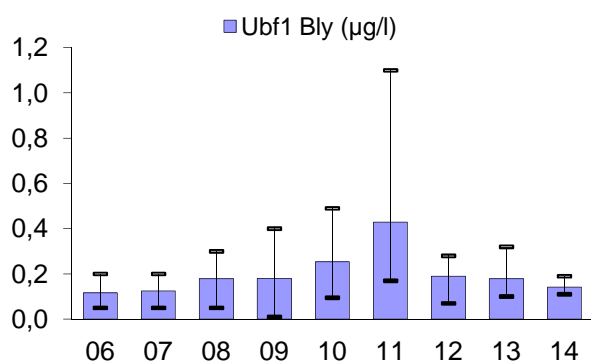
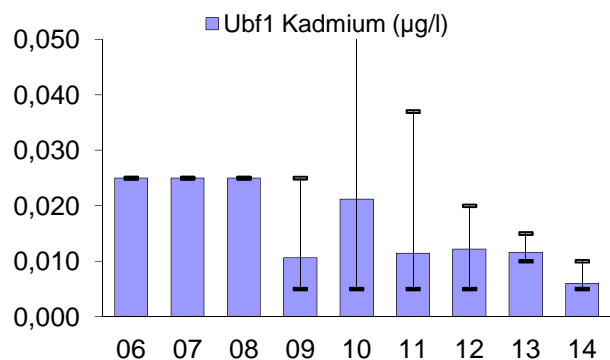
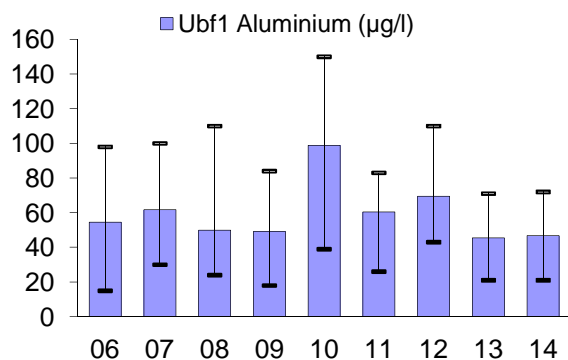
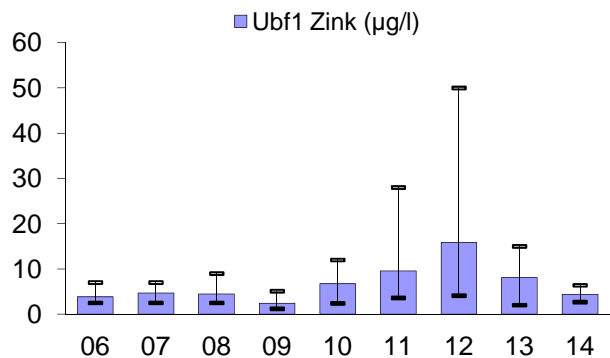
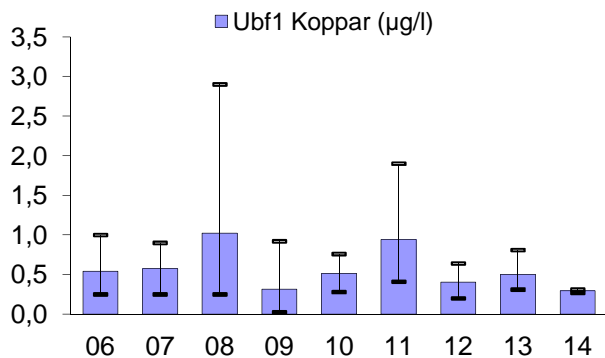
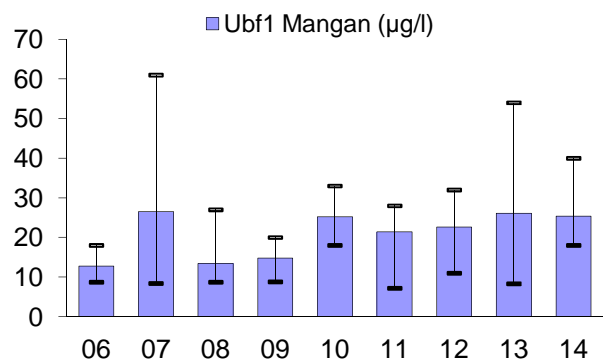
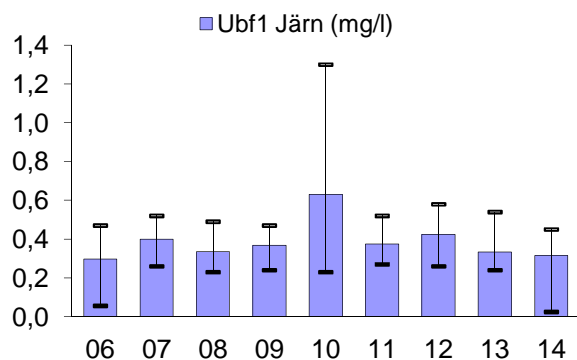


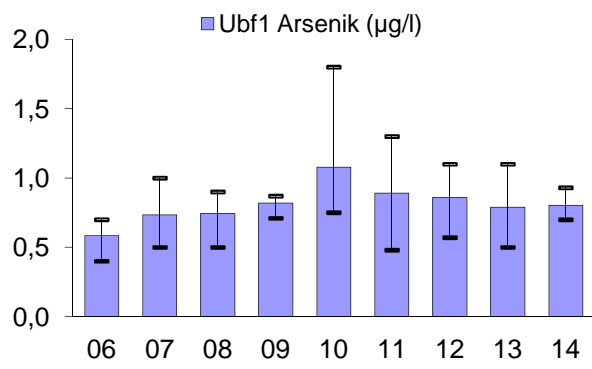
TREND STATISTICS

FI17 Virolahti 1987- 2000

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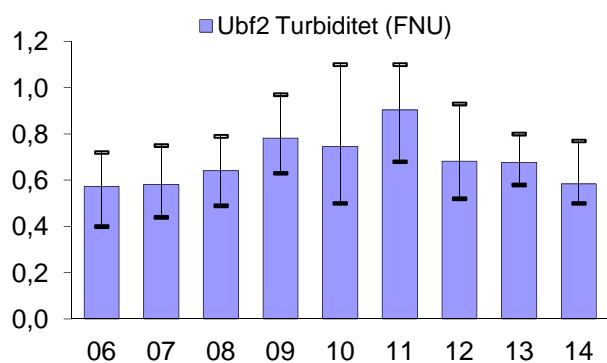
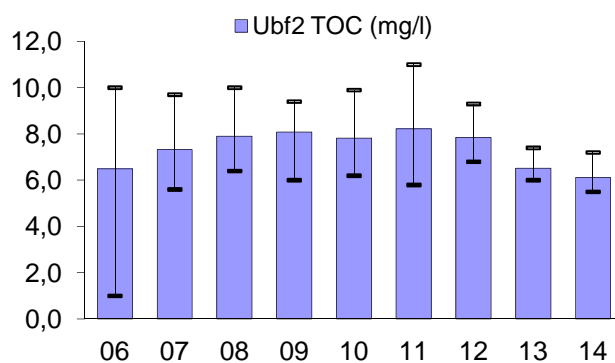
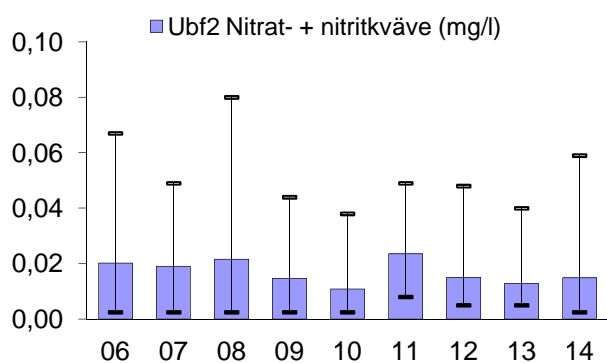
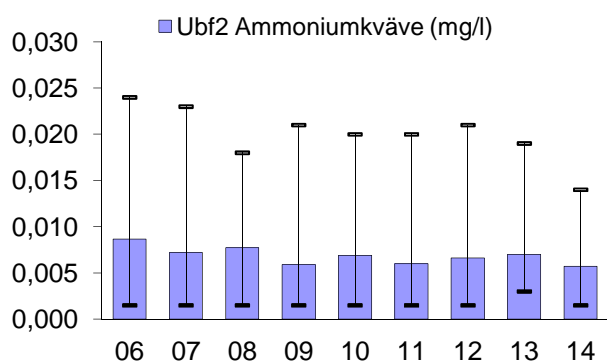
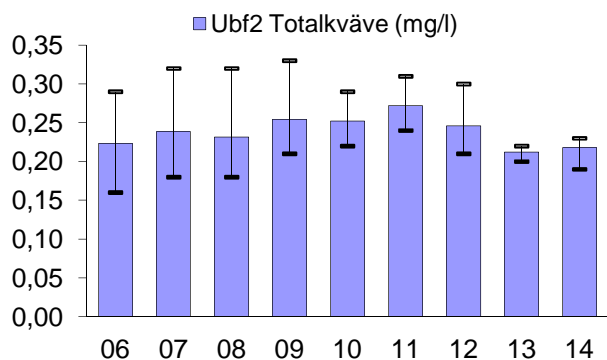
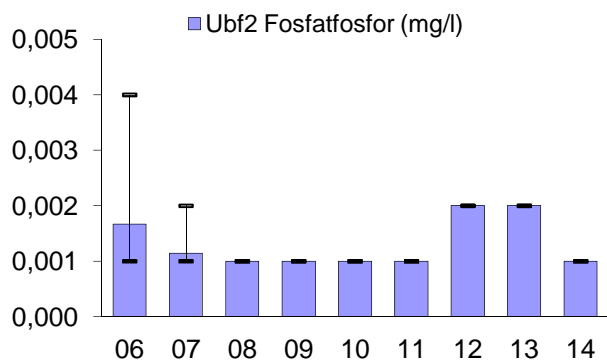
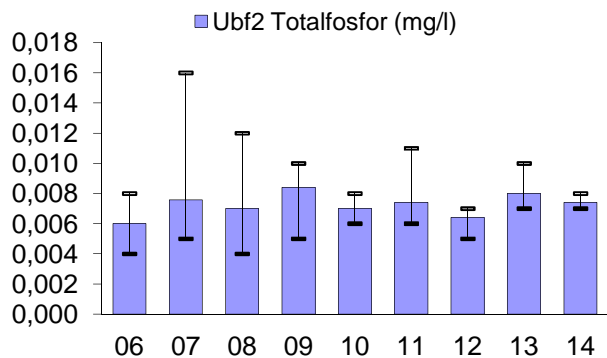
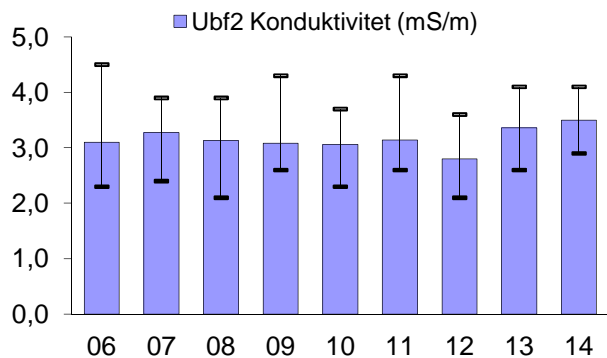
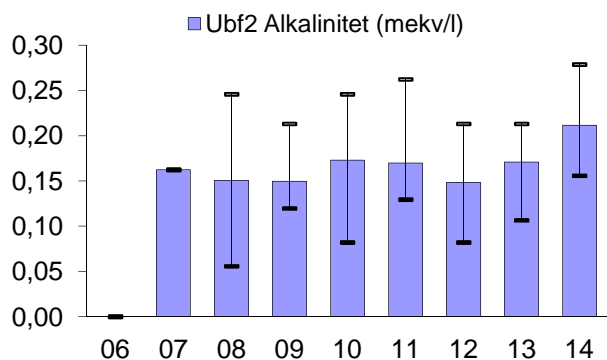
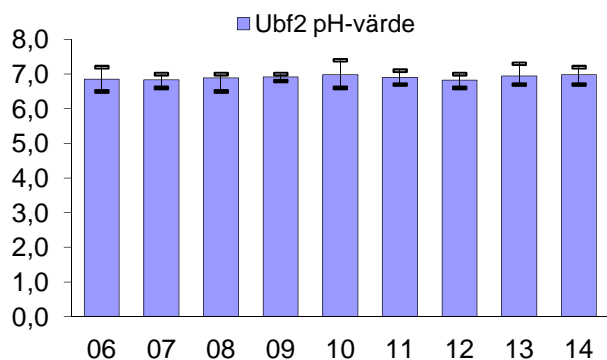




TREND STATISTICS

	Mann-Kendall trend	Sen's slope estimate
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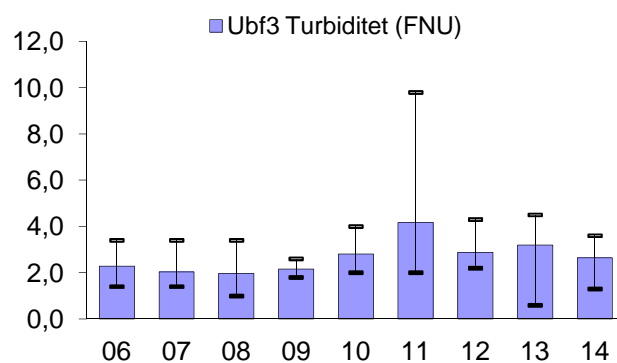
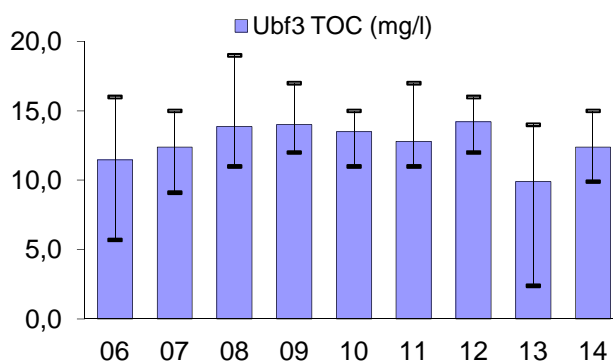
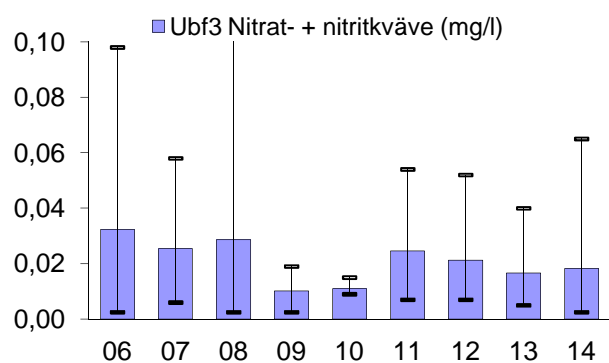
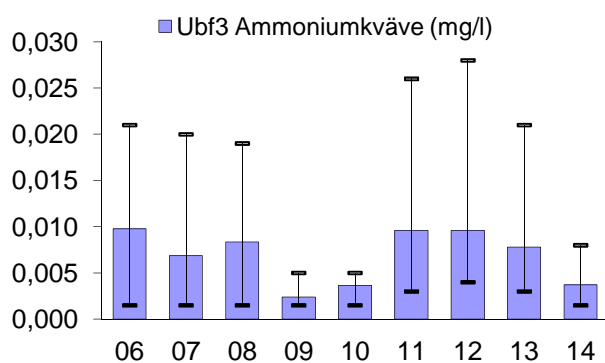
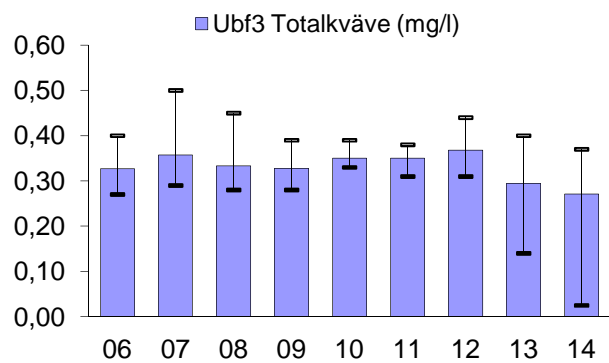
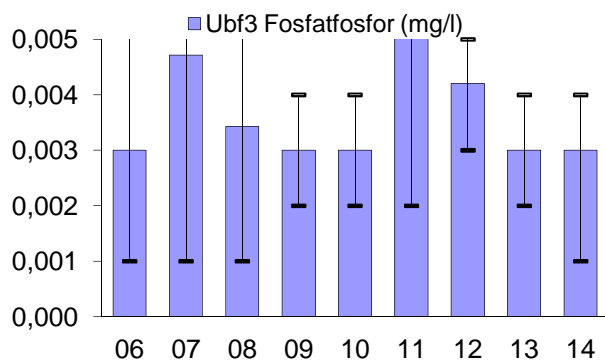
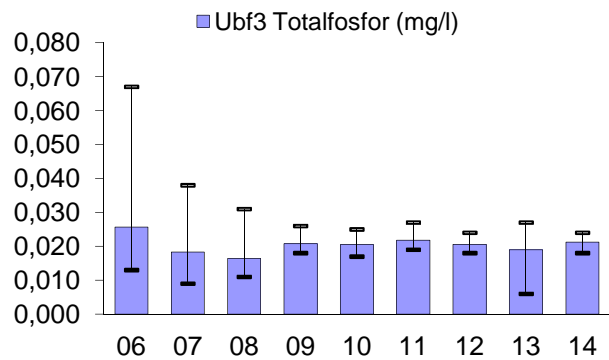
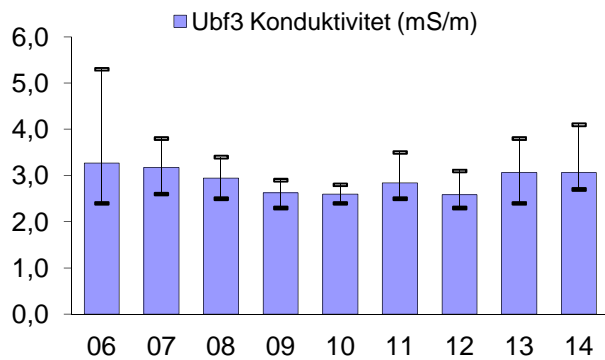
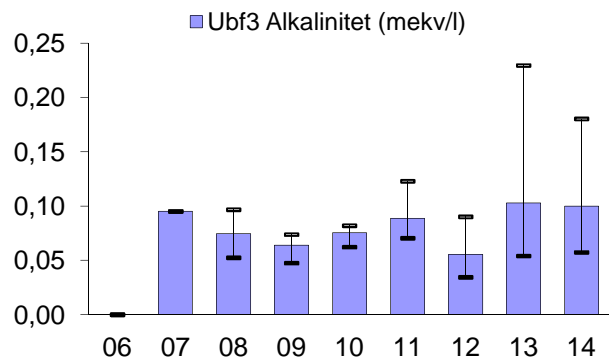
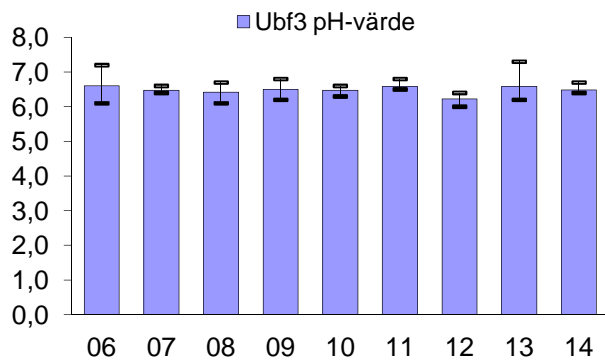
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TREND STATISTICS

FI17 Virolahti 1987- 2000

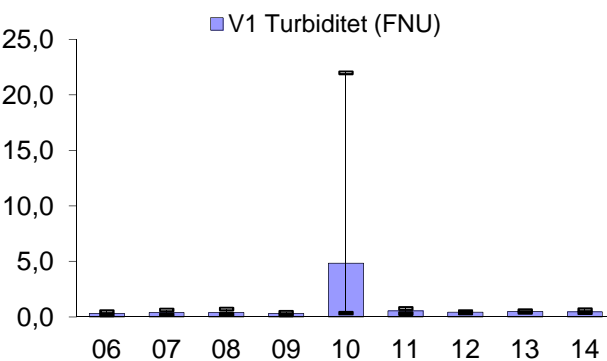
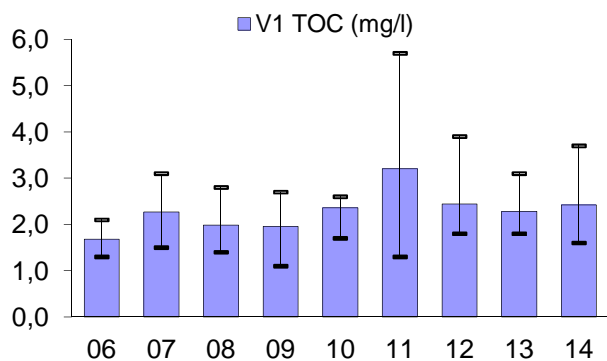
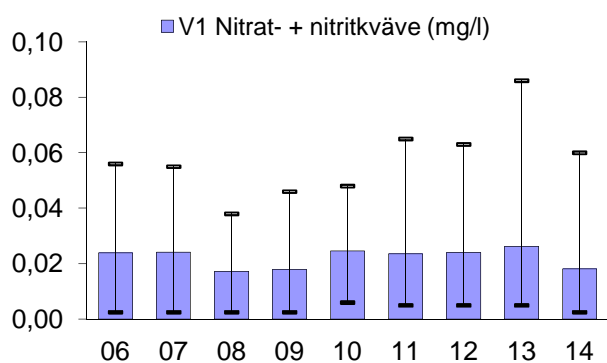
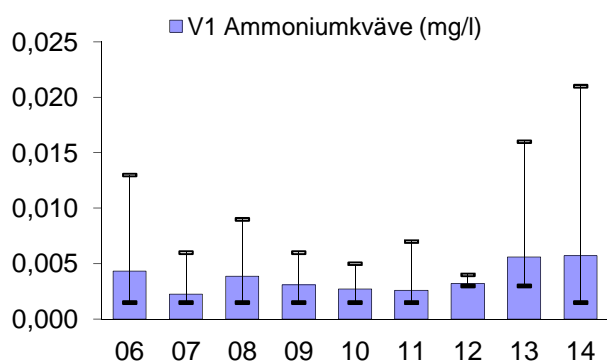
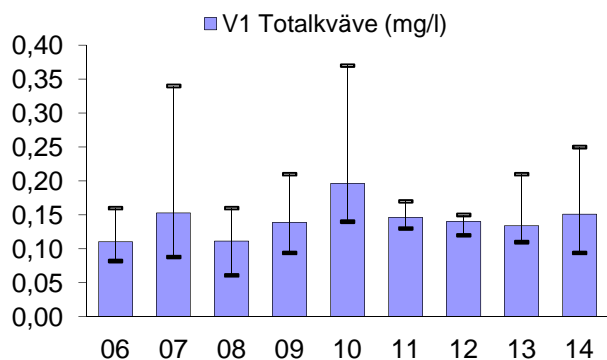
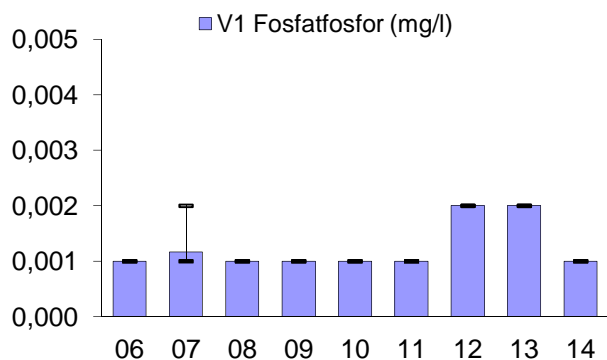
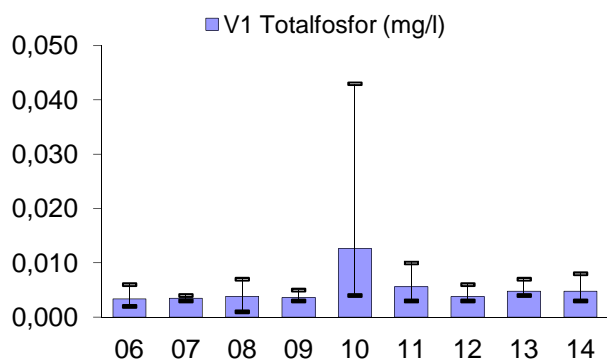
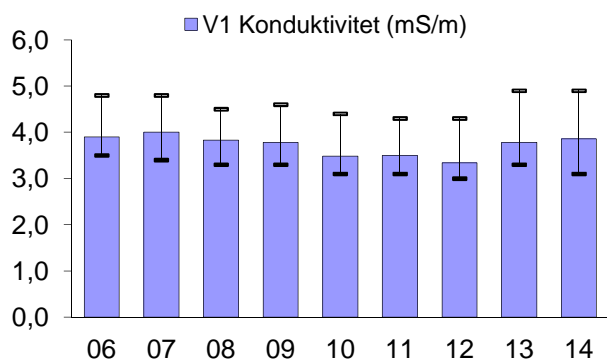
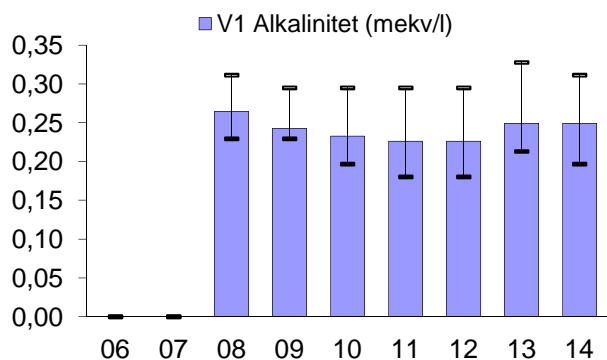
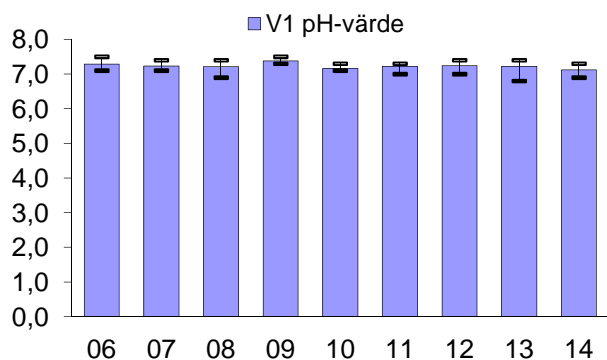
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TREND STATISTICS

FI17 Virolahti 1987- 2000

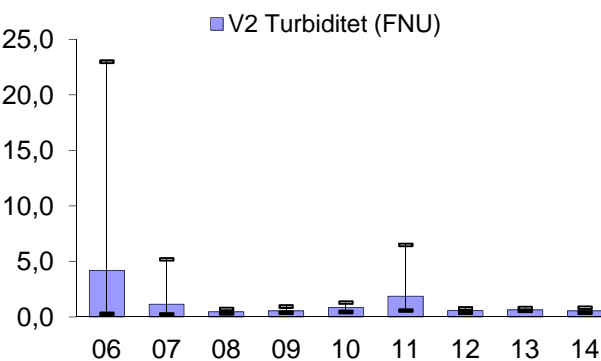
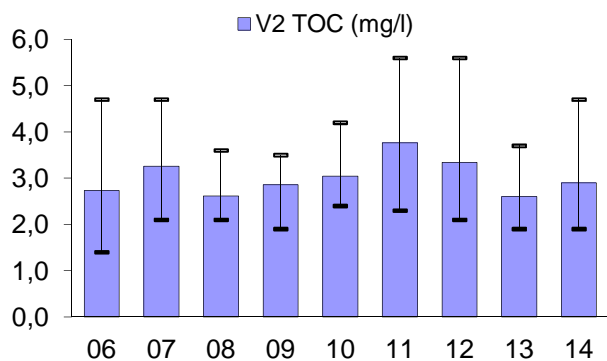
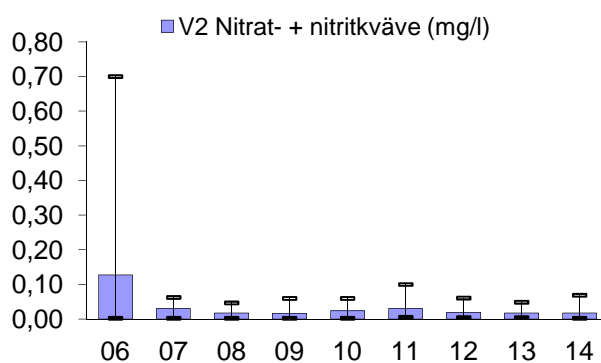
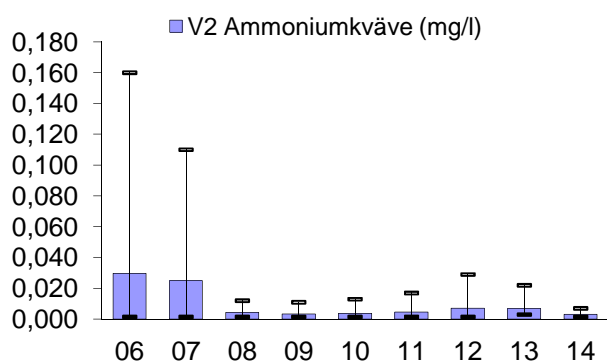
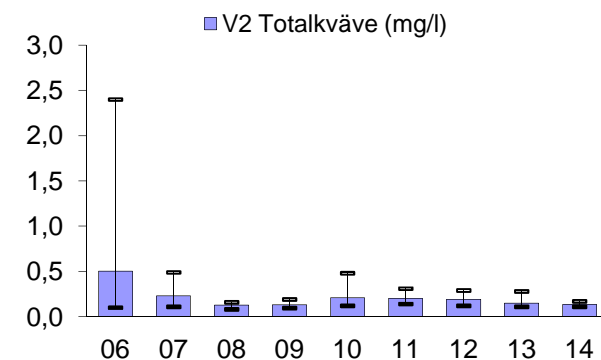
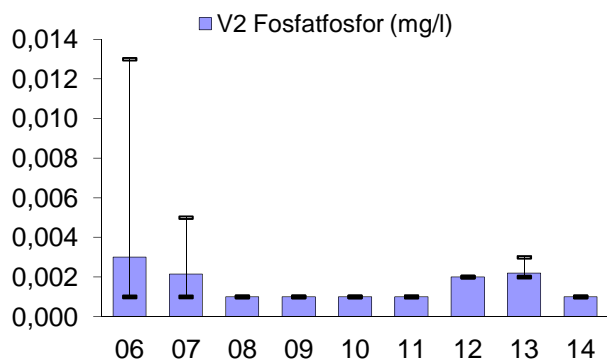
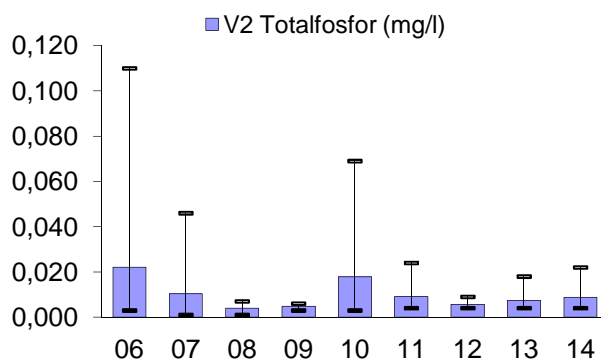
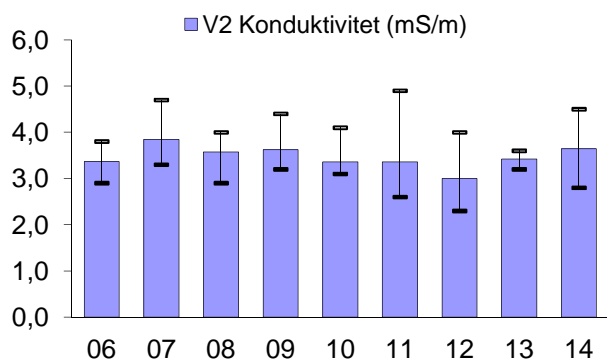
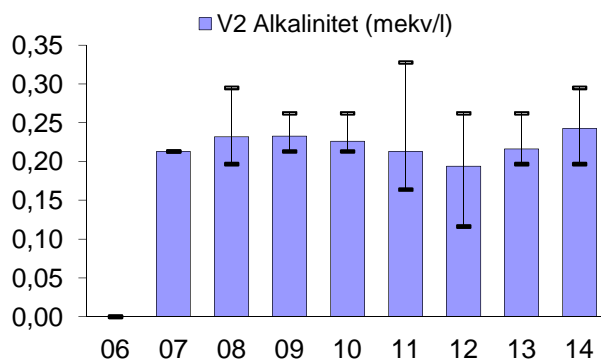
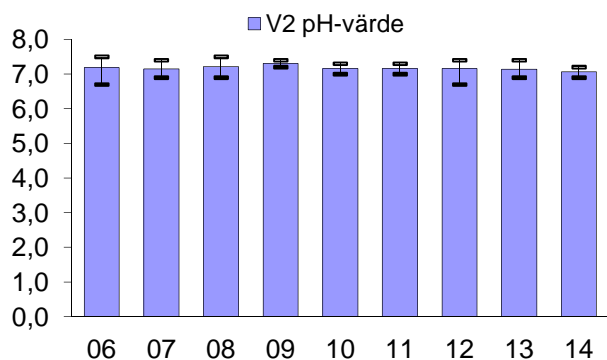
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TREND STATISTICS

FI17 Virolahti 1987- 2000

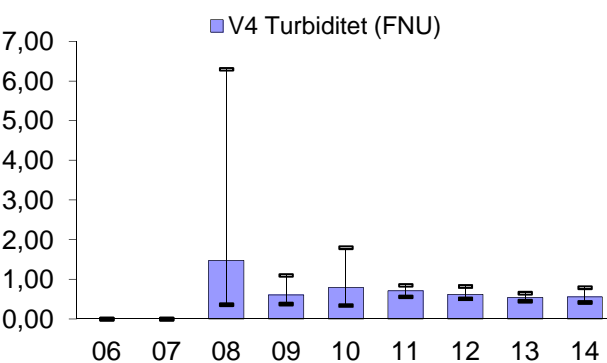
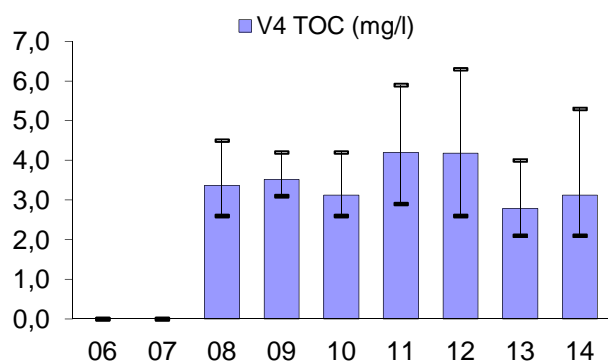
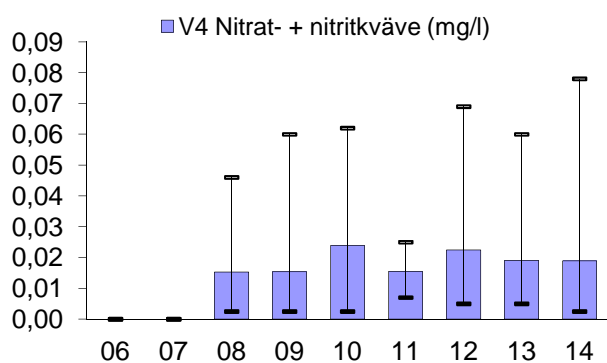
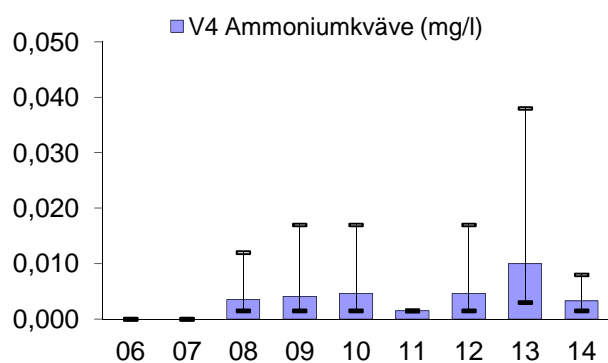
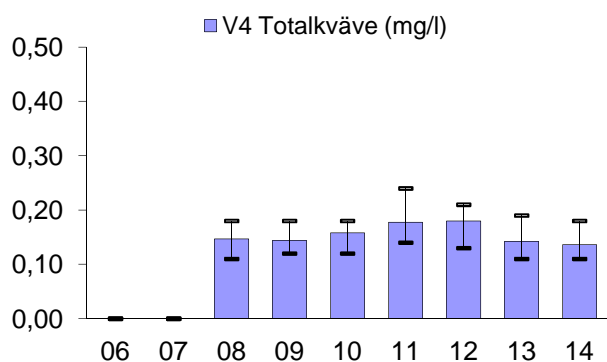
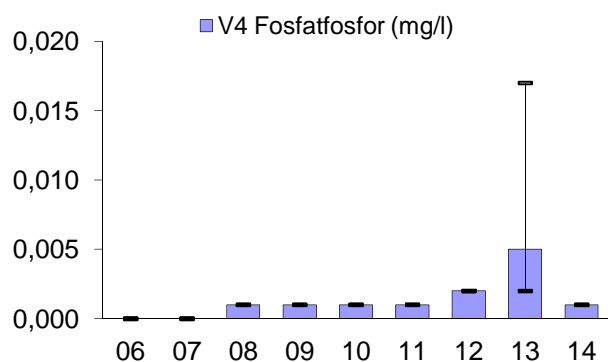
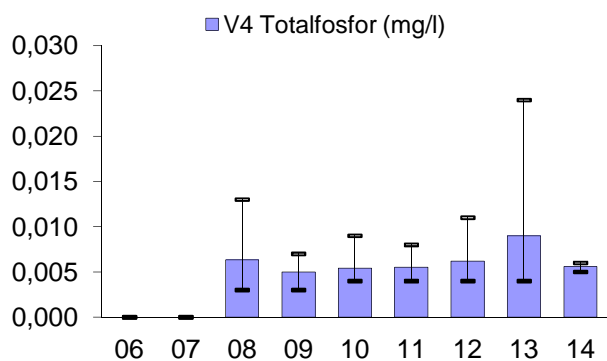
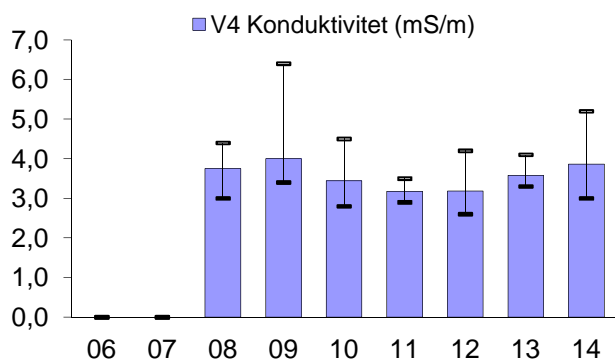
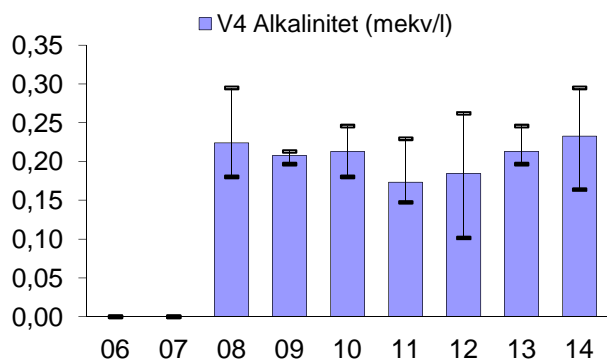
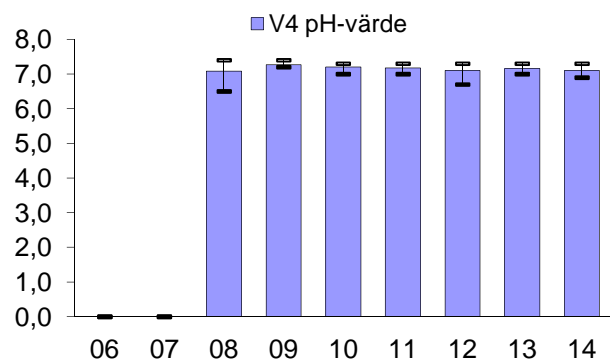
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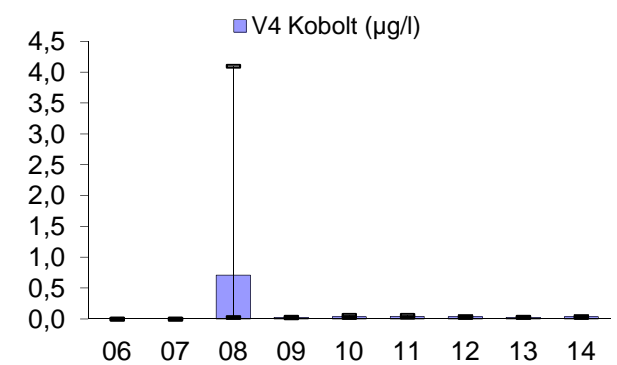
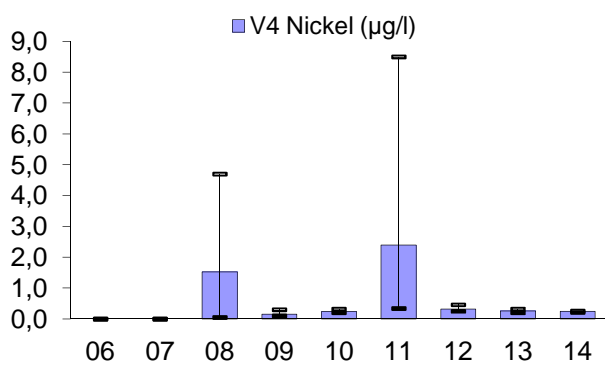
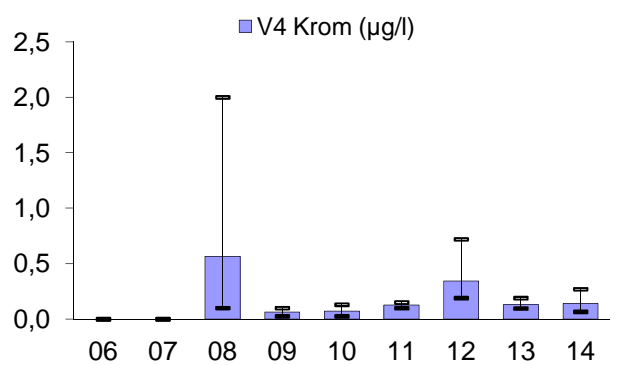
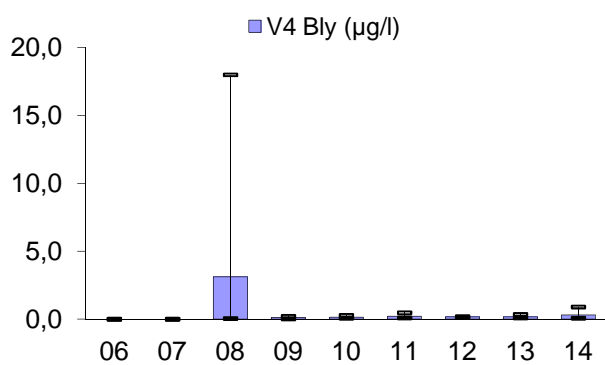
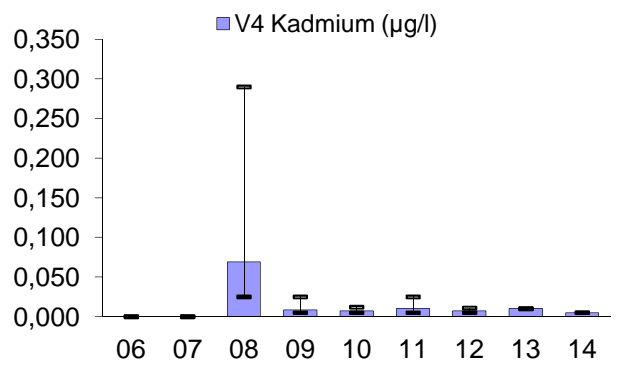
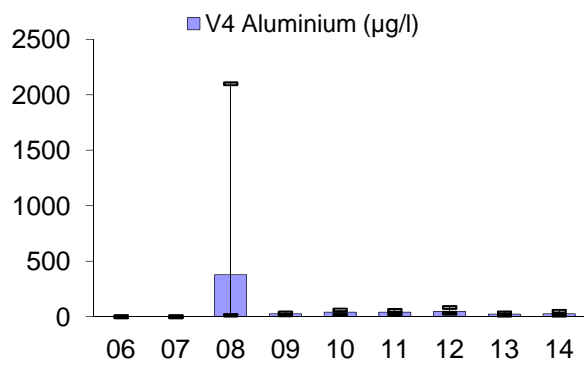
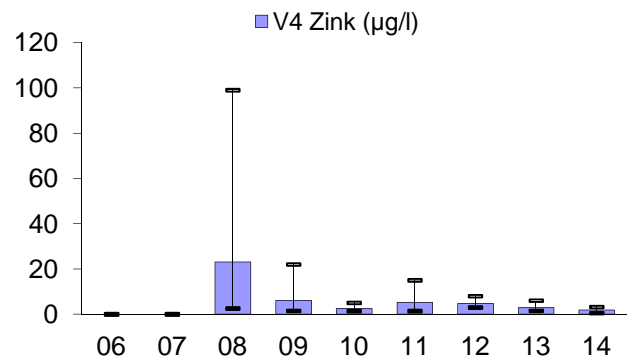
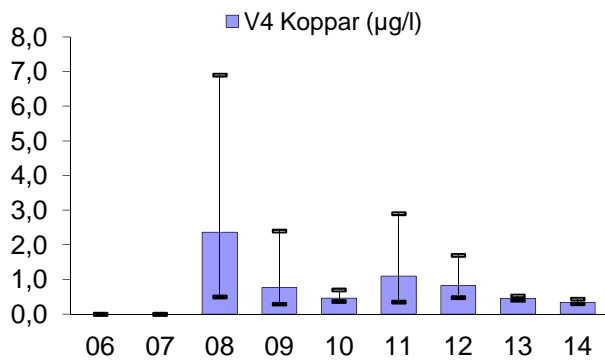
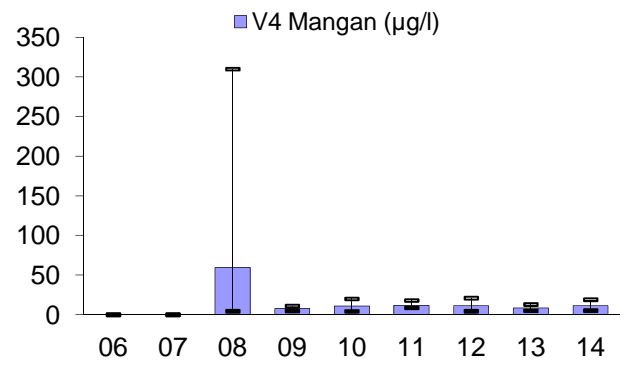
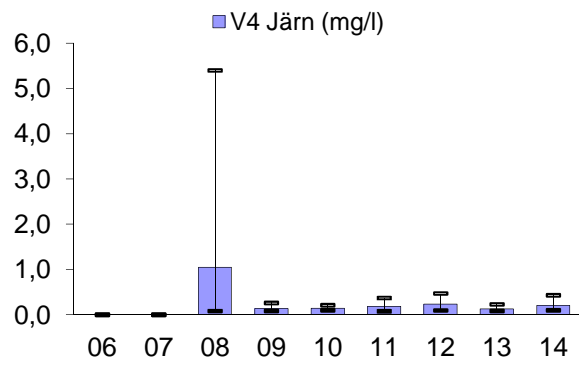


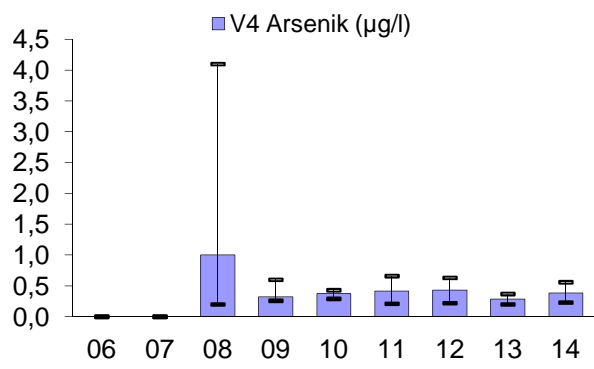
TREND STATISTICS

FI17 Virolahti 1987- 2000

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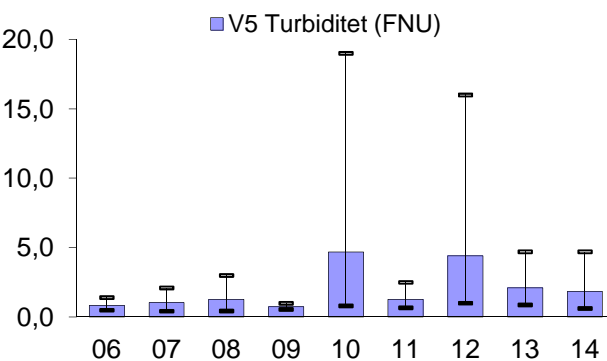
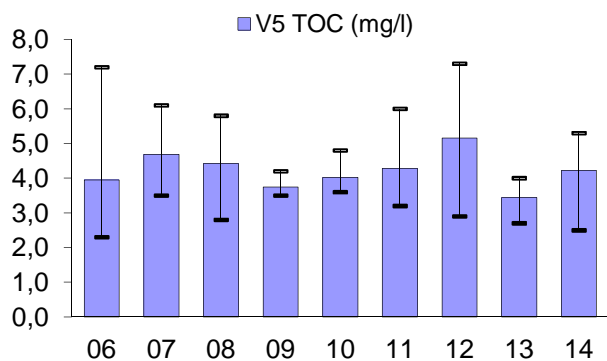
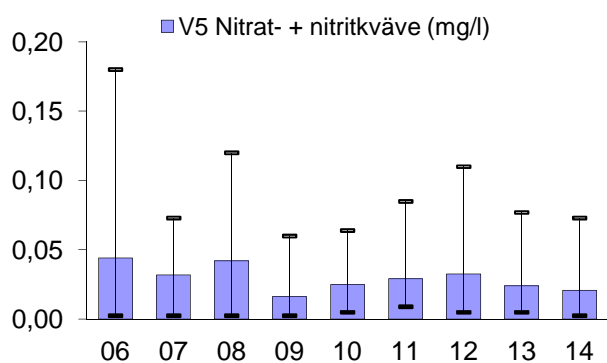
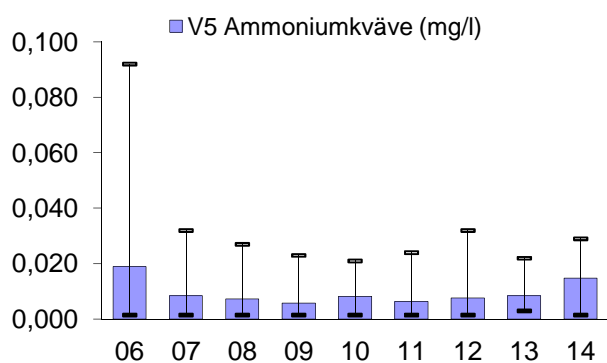
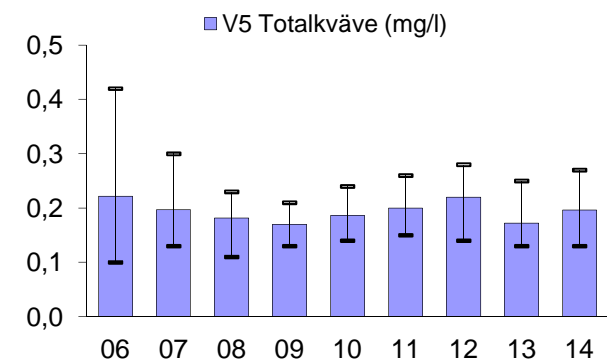
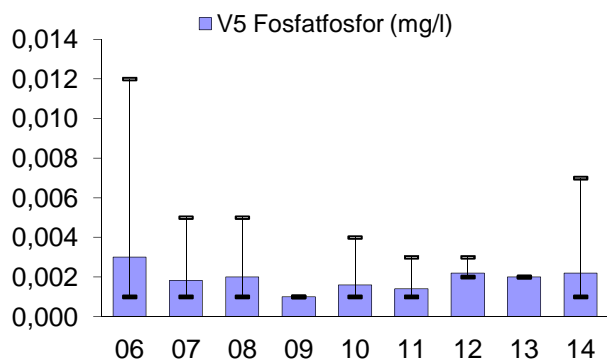
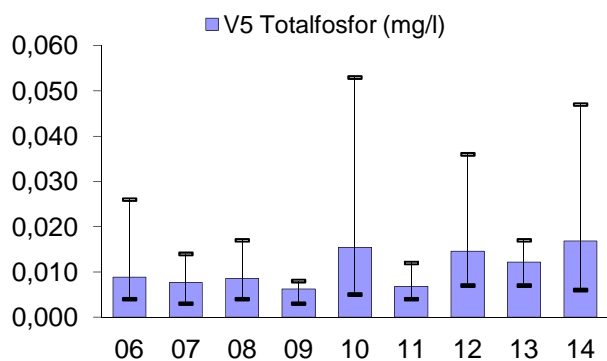
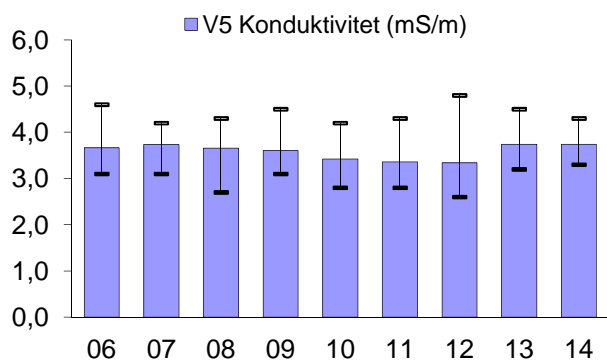
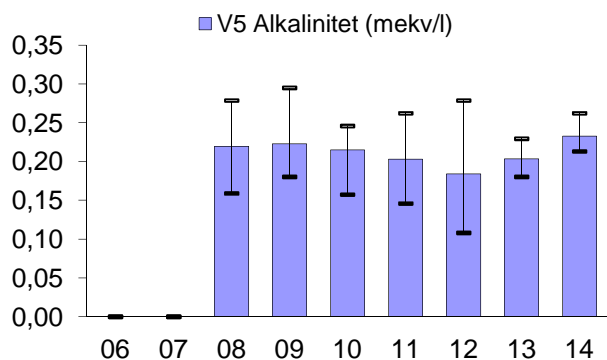
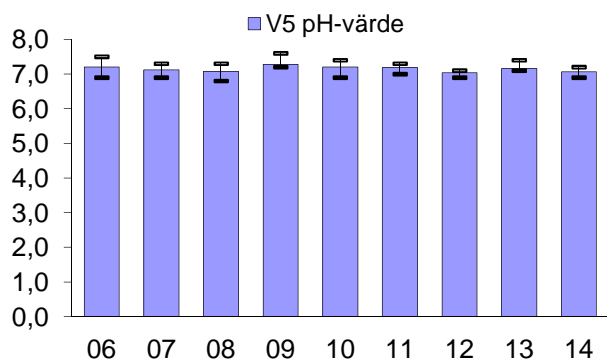




TREND STATISTICS

	Mann-Kendall trend	Sen's slope estimate
1980-1989	0.0000	0.0000
1990-1999	0.0000	0.0000
2000-2009	0.0000	0.0000
2010-2019	0.0000	0.0000
2020-2029	0.0000	0.0000
2030-2039	0.0000	0.0000
2040-2049	0.0000	0.0000
2050-2059	0.0000	0.0000
2060-2069	0.0000	0.0000
2070-2079	0.0000	0.0000
2080-2089	0.0000	0.0000
2090-2099	0.0000	0.0000
2100-2109	0.0000	0.0000
2110-2119	0.0000	0.0000
2120-2129	0.0000	0.0000
2130-2139	0.0000	0.0000
2140-2149	0.0000	0.0000
2150-2159	0.0000	0.0000
2160-2169	0.0000	0.0000
2170-2179	0.0000	0.0000
2180-2189	0.0000	0.0000
2190-2199	0.0000	0.0000
2200-2209	0.0000	0.0000
2210-2219	0.0000	0.0000
2220-2229	0.0000	0.0000
2230-2239	0.0000	0.0000
2240-2249	0.0000	0.0000
2250-2259	0.0000	0.0000
2260-2269	0.0000	0.0000
2270-2279	0.0000	0.0000
2280-2289	0.0000	0.0000
2290-2299	0.0000	0.0000
2300-2309	0.0000	0.0000
2310-2319	0.0000	0.0000
2320-2329	0.0000	0.0000
2330-2339	0.0000	0.0000
2340-2349	0.0000	0.0000
2350-2359	0.0000	0.0000
2360-2369	0.0000	0.0000
2370-2379	0.0000	0.0000
2380-2389	0.0000	0.0000
2390-2399	0.0000	0.0000
2400-2409	0.0000	0.0000
2410-2419	0.0000	0.0000
2420-2429	0.0000	0.0000
2430-2439	0.0000	0.0000
2440-2449	0.0000	0.0000
2450-2459	0.0000	0.0000
2460-2469	0.0000	0.0000
2470-2479	0.0000	0.0000
2480-2489	0.0000	0.0000
2490-2499	0.0000	0.0000
2500-2509	0.0000	0.0000
2510-2519	0.0000	0.0000
2520-2529	0.0000	0.0000
2530-2539	0.0000	0.0000
2540-2549	0.0000	0.0000
2550-2559	0.0000	0.0000
2560-2569	0.0000	0.0000
2570-2579	0.0000	0.0000
2580-2589	0.0000	0.0000
2590-2599	0.0000	0.0000
2600-2609	0.0000	0.0000
2610-2619	0.0000	0.0000
2620-2629	0.0000	0.0000
2630-2639	0.0000	0.0000
2640-2649	0.0000	0.0000
2650-2659	0.0000	0.0000
2660-2669	0.0000	0.0000
2670-2679	0.0000	0.0000
2680-2689	0.0000	0.0000
2690-2699	0.0000	0.0000
2700-2709	0.0000	0.0000
2710-2719	0.0000	0.0000
2720-2729	0.0000	0.0000
2730-2739	0.0000	0.0000
2740-2749	0.0000	0.0000
2750-2759	0.0000	0.0000
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2770-2779	0.0000	0.0000
2780-2789	0.0000	0.0000
2790-2799	0.0000	0.0000
2800-2809	0.0000	0.0000
2810-2819	0.0000	0.0000
2820-2829	0.0000	0.0000
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[illegible]



TREND STATISTICS

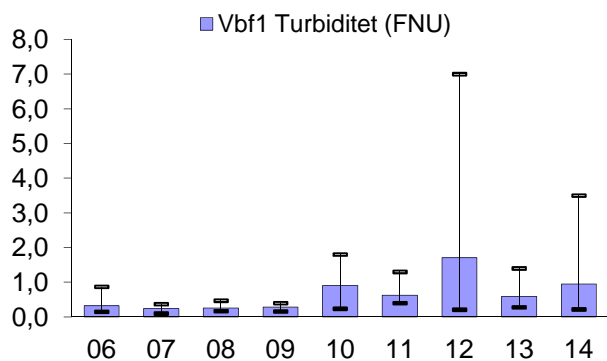
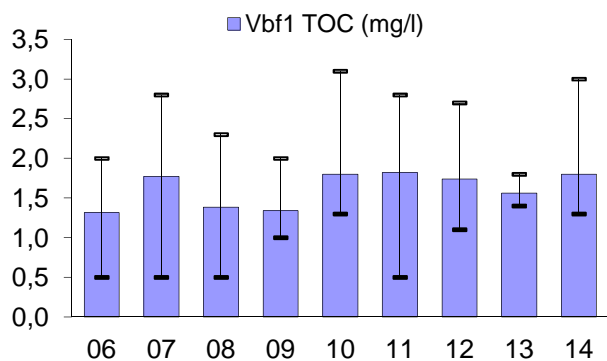
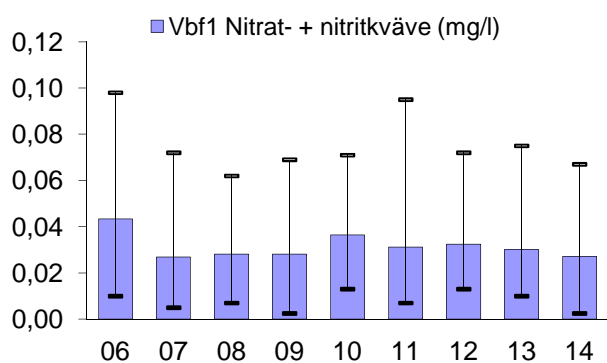
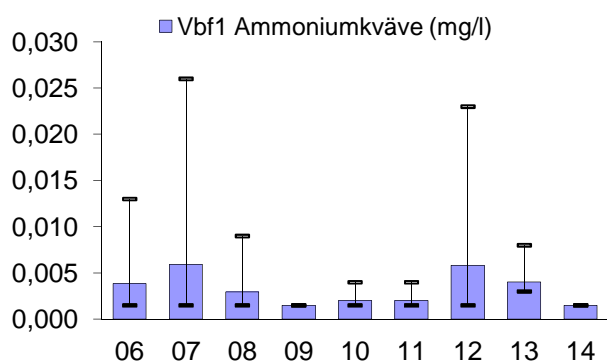
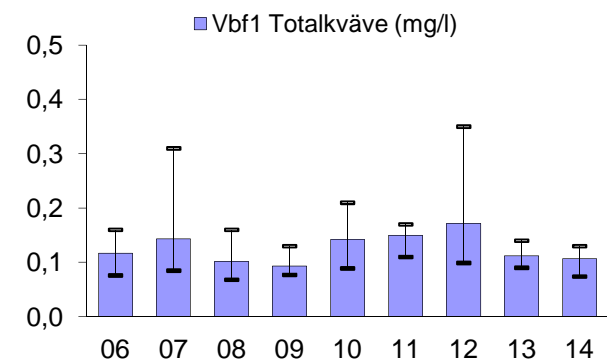
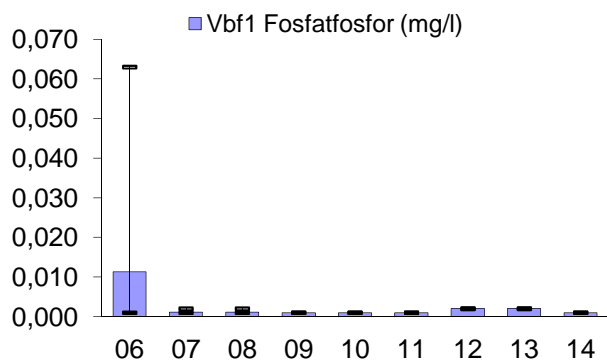
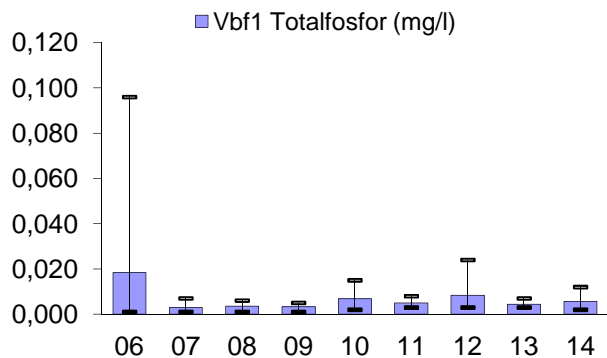
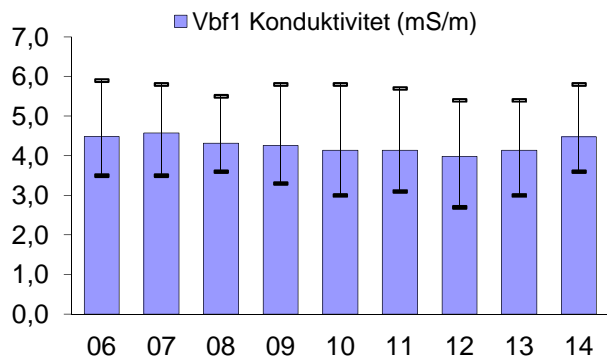
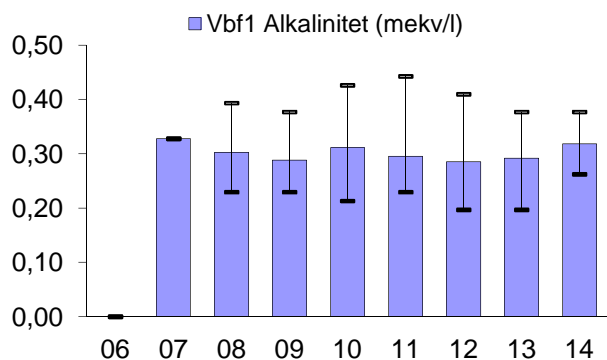
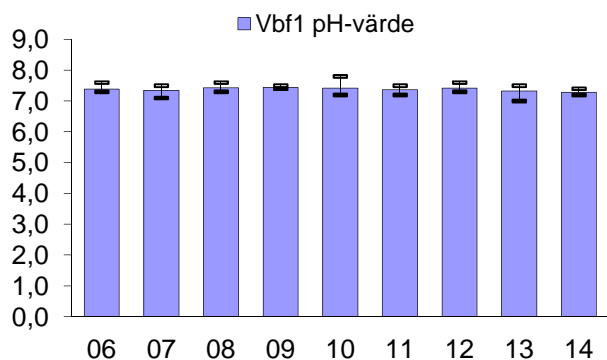
FI17 Virolahti 1987- 2000

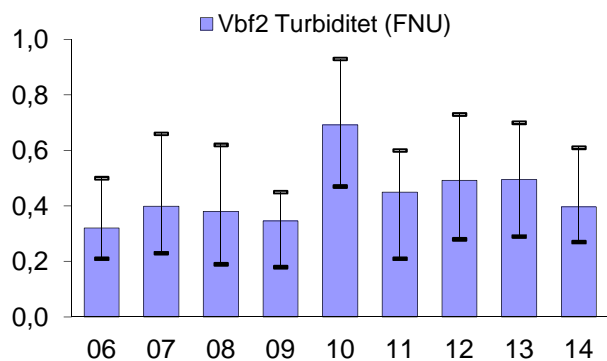
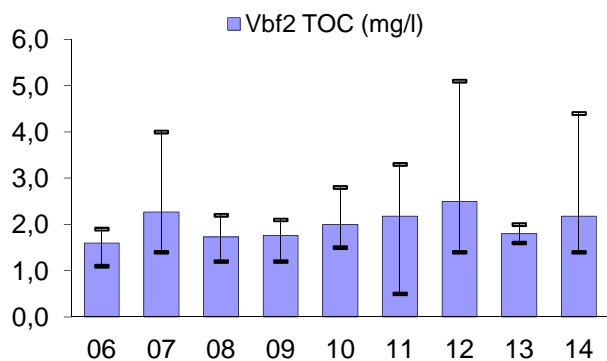
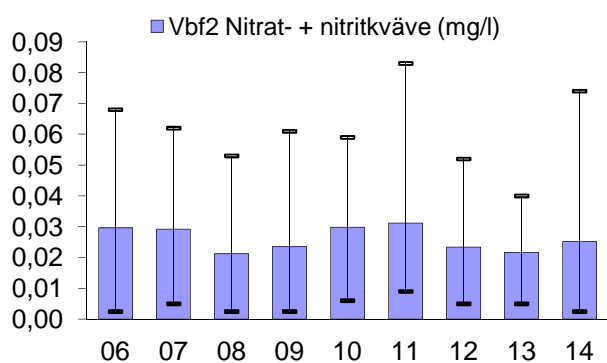
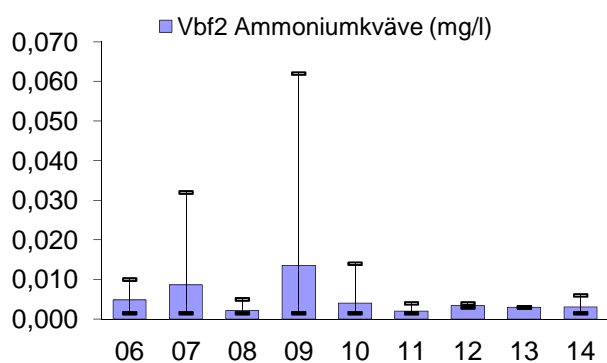
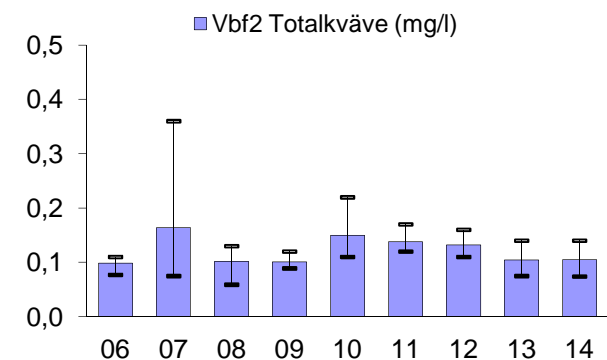
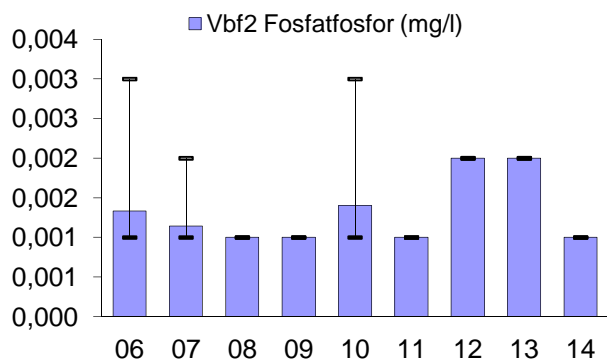
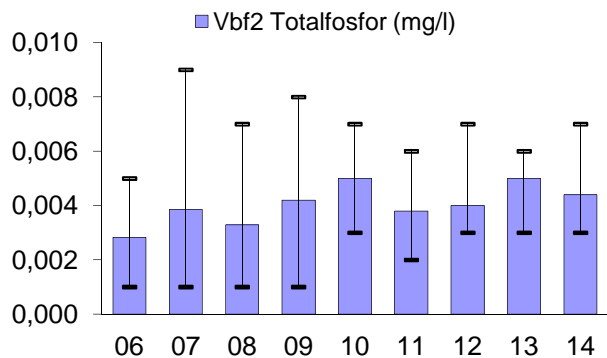
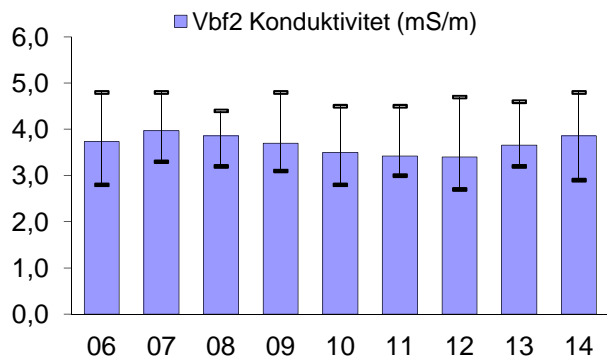
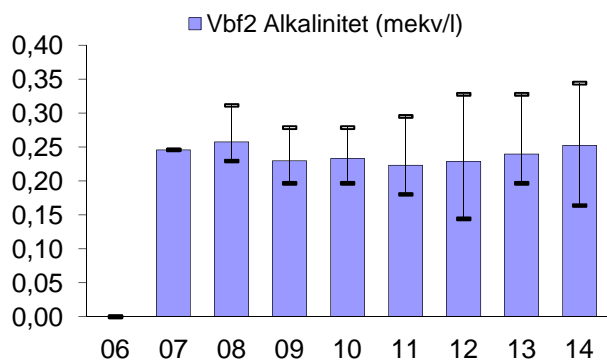
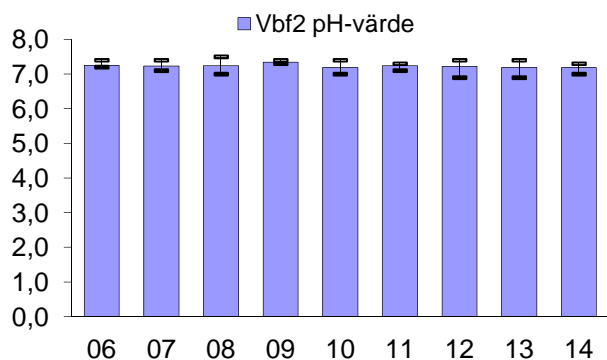
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TREND STATISTICS

FI17 Virolahti 1987- 2000

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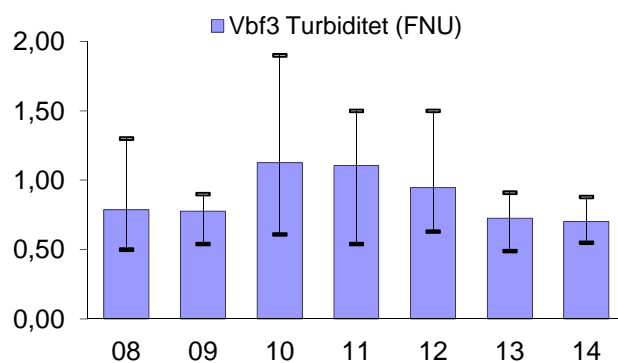
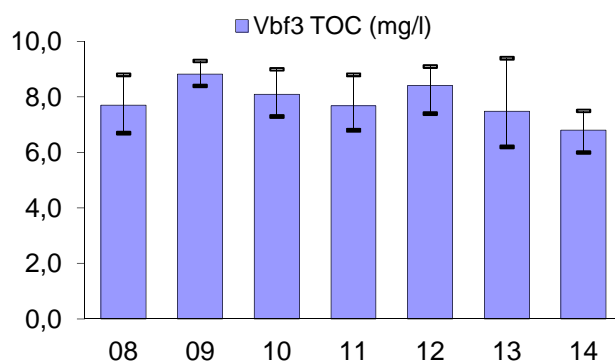
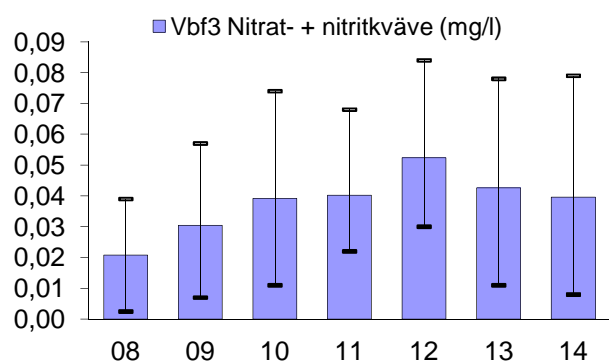
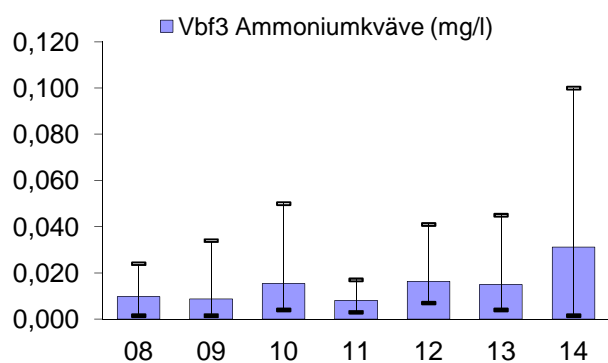
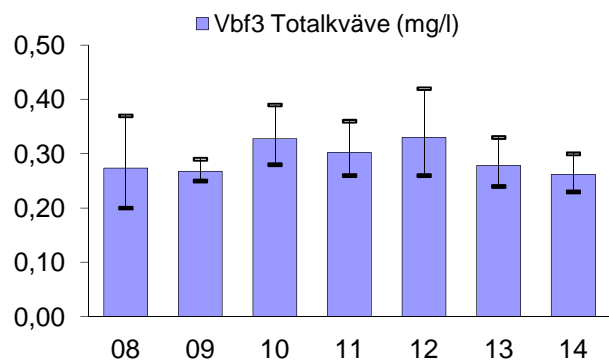
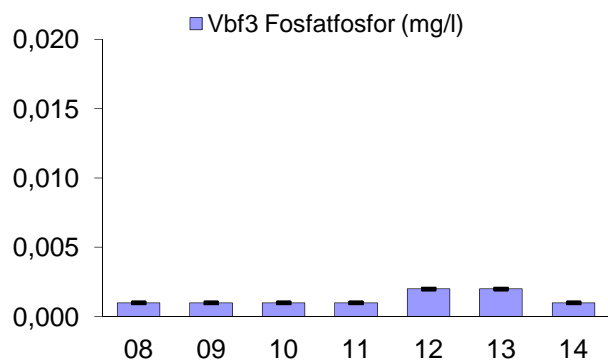
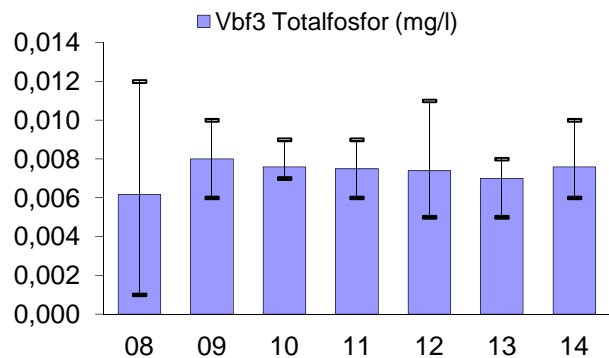
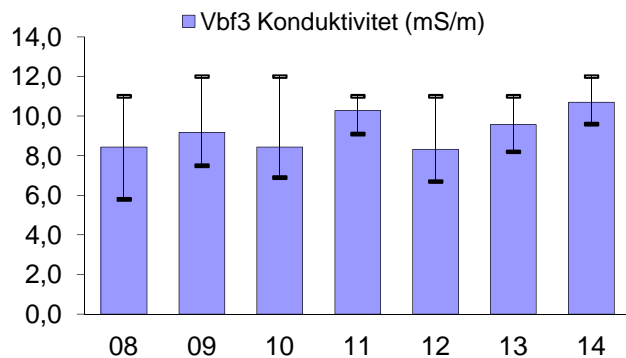
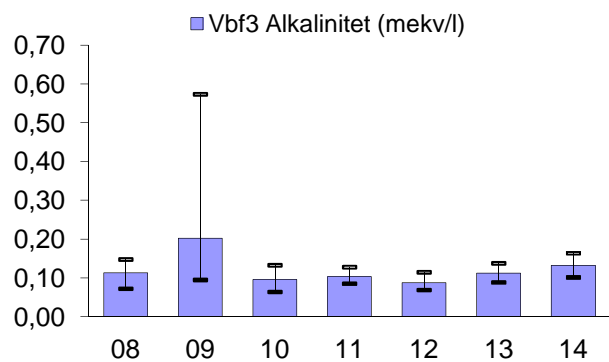
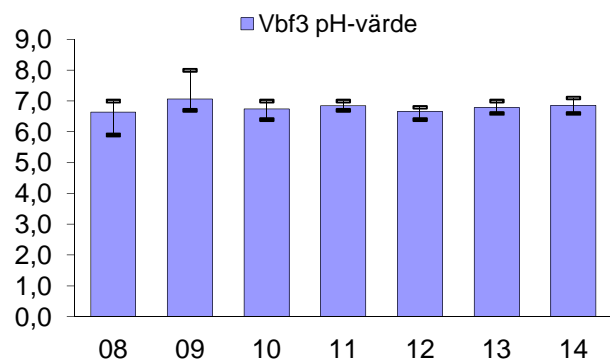


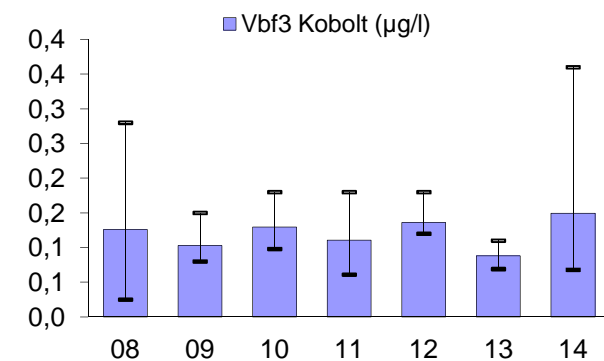
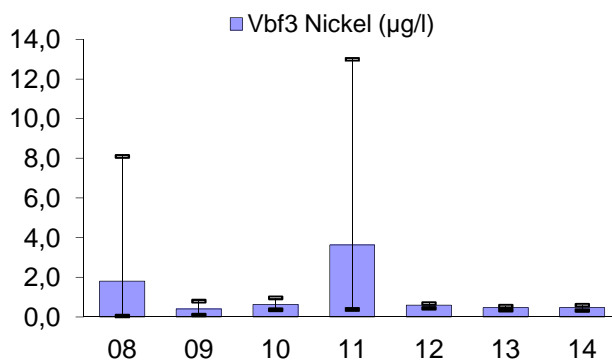
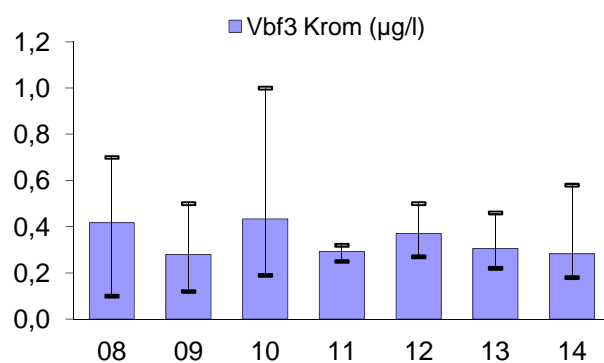
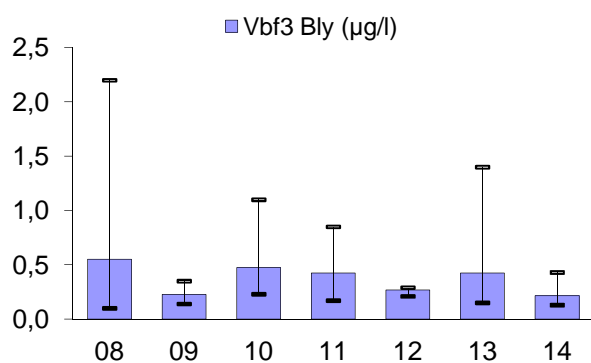
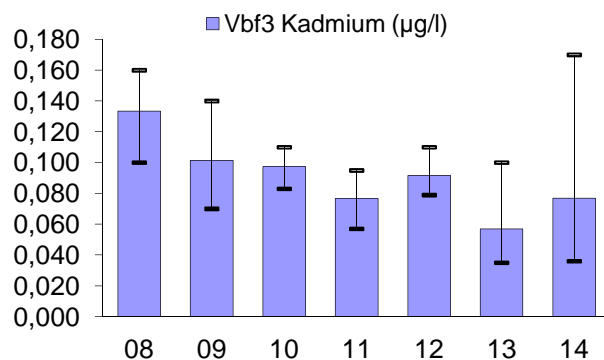
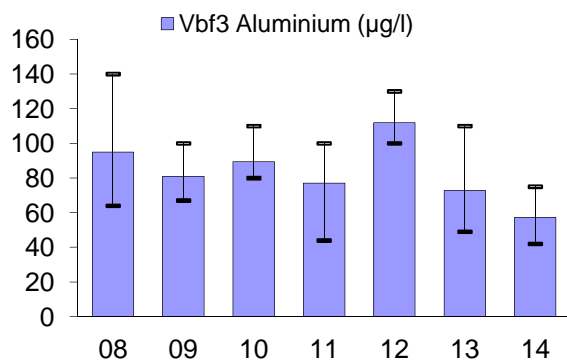
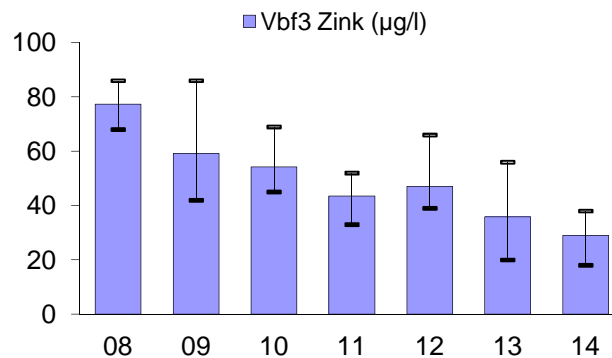
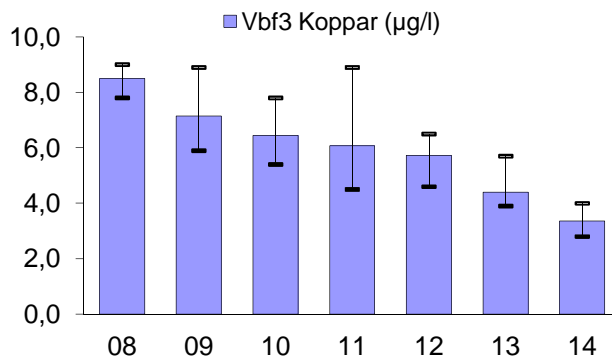
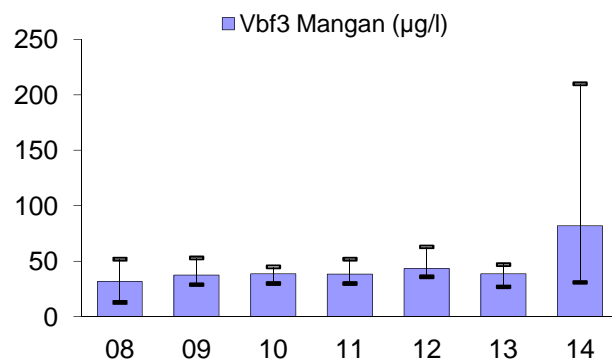
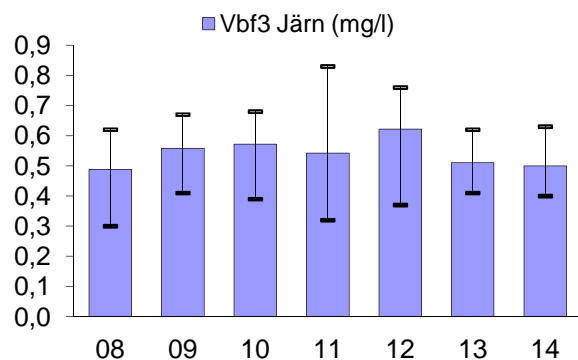


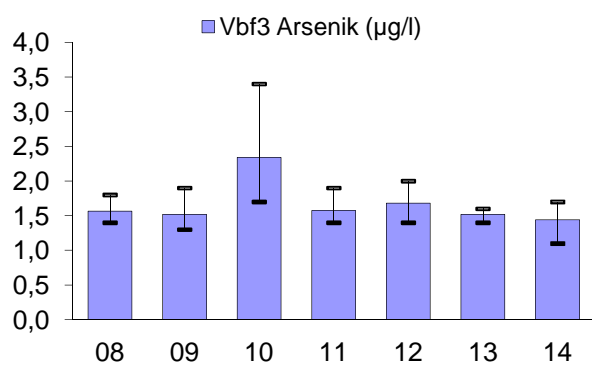
TREND STATISTICS

FI17 Virolahti 1987- 2000

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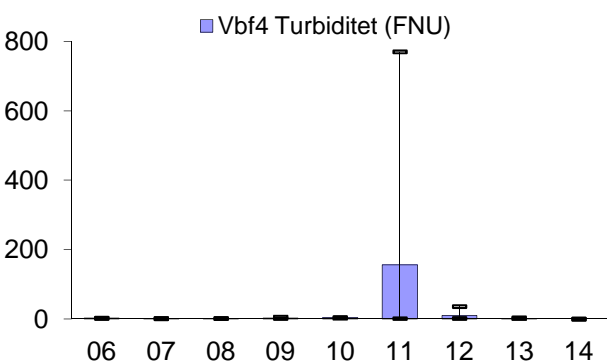
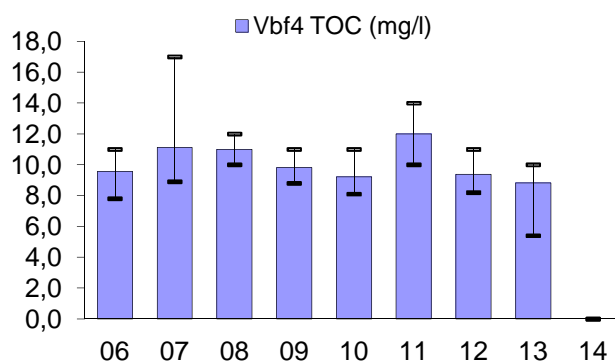
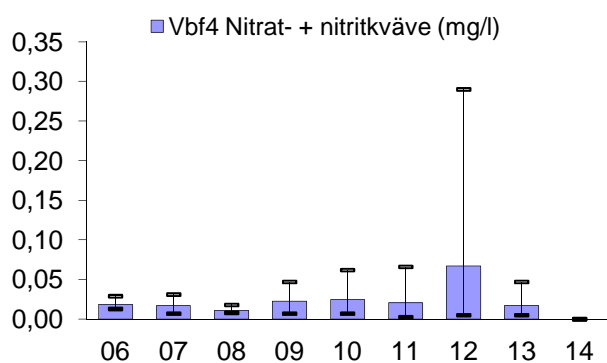
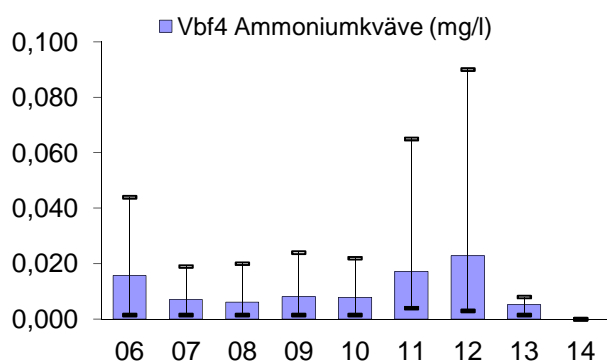
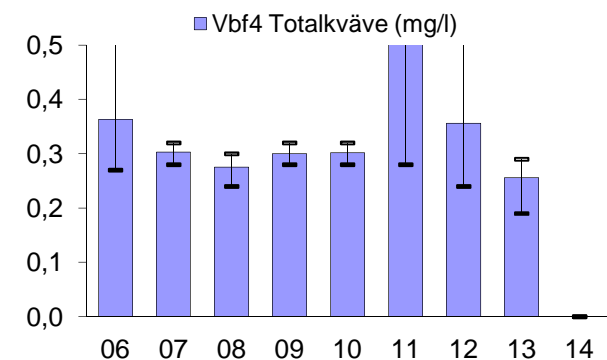
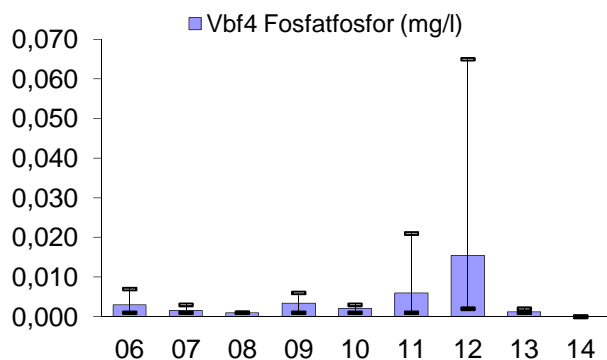
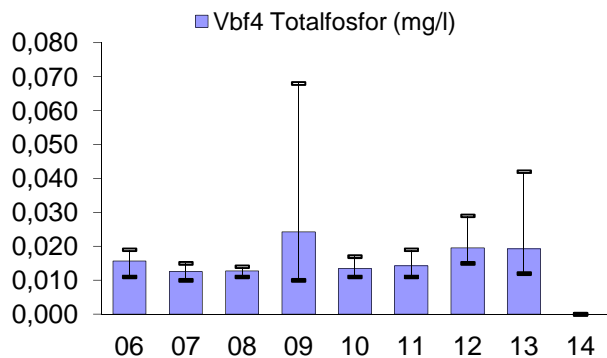
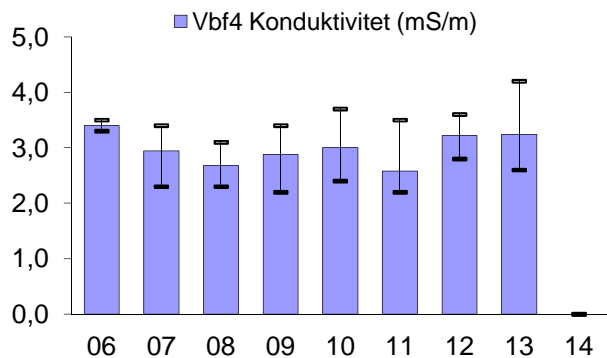
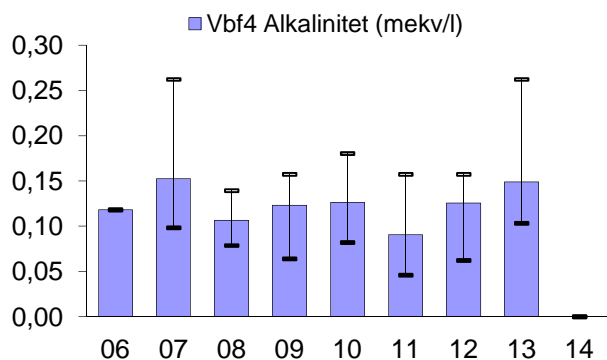
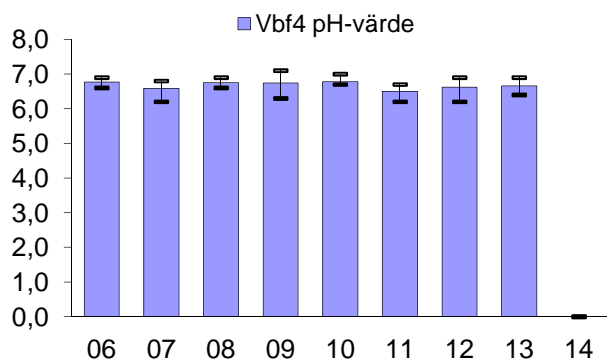




TREND STATISTICS

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[illegible]



TREND STATISTICS

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[illegible]