

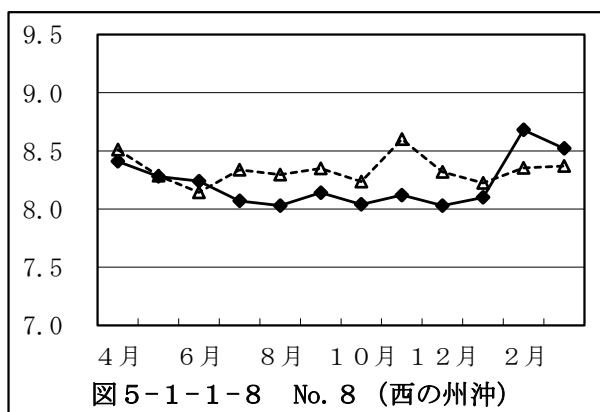
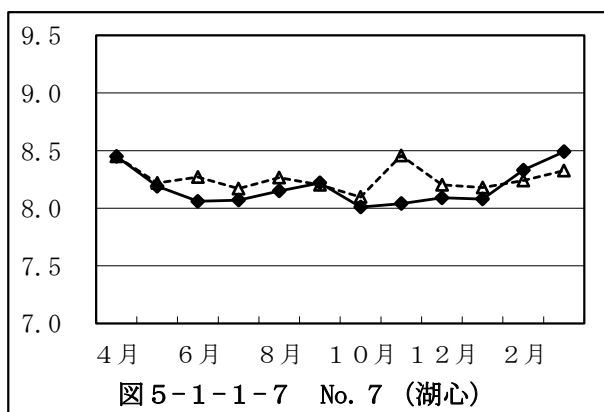
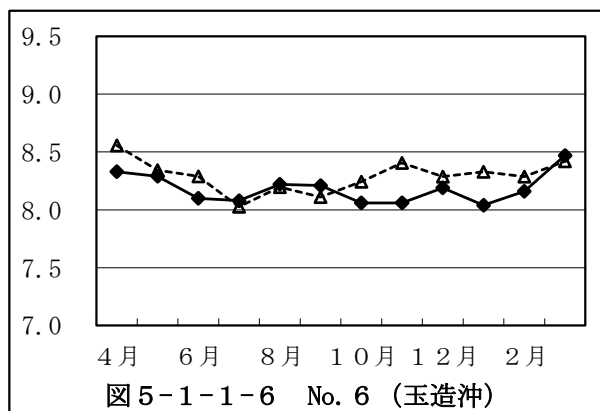
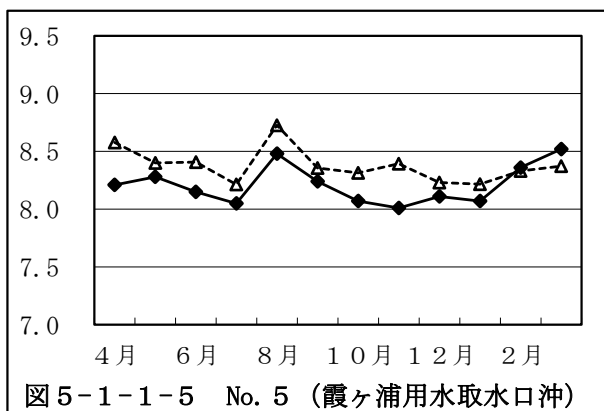
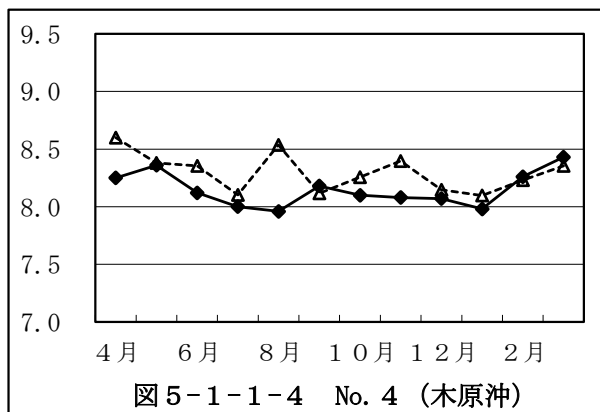
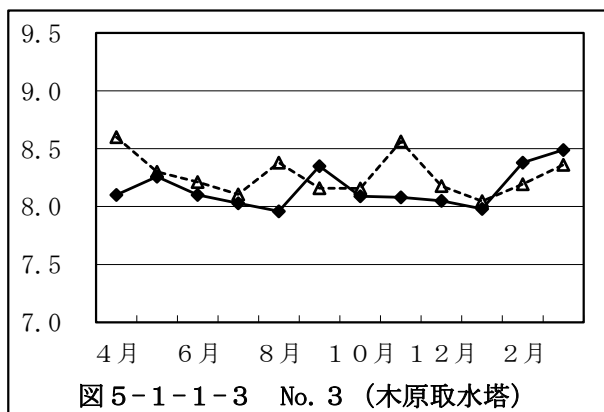
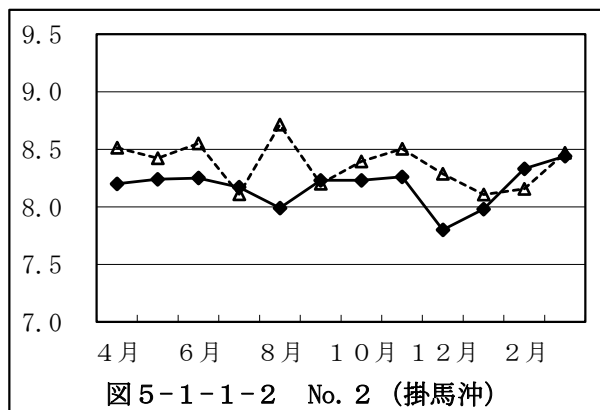
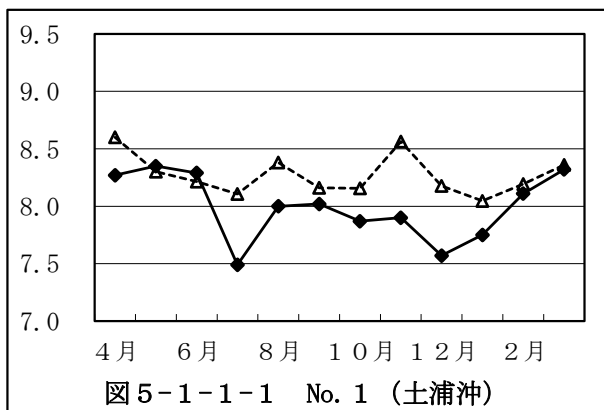
## 5 調査結果グラフ

### 5.1 地点別水質経月変化

#### 5.1.1 pH経月変化 (西浦)

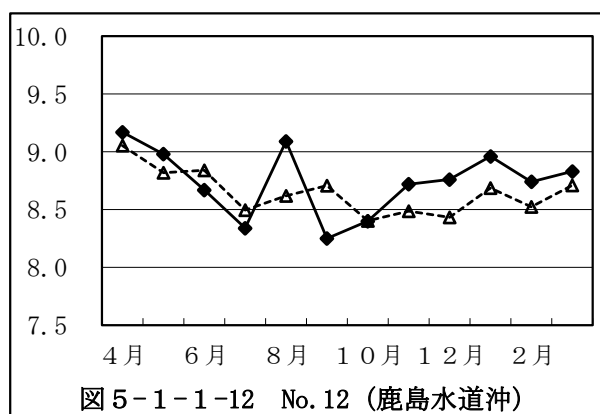
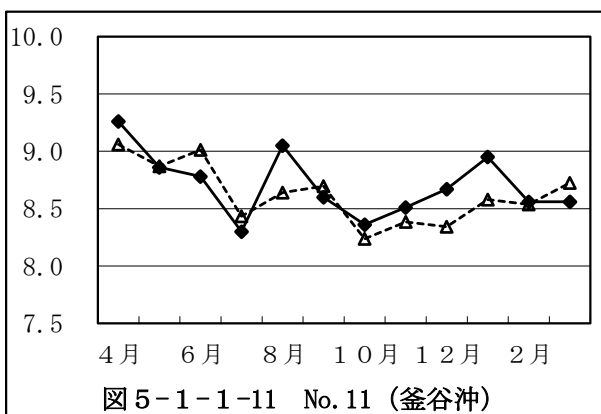
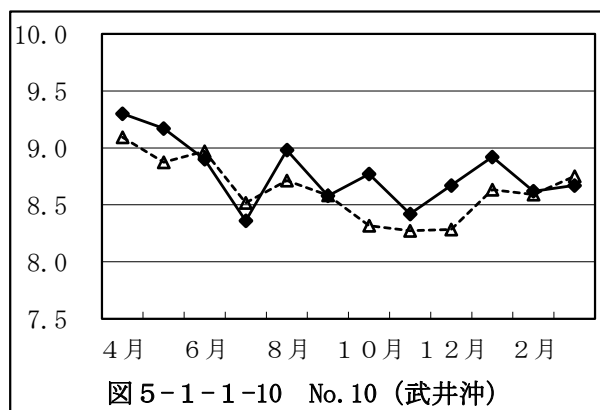
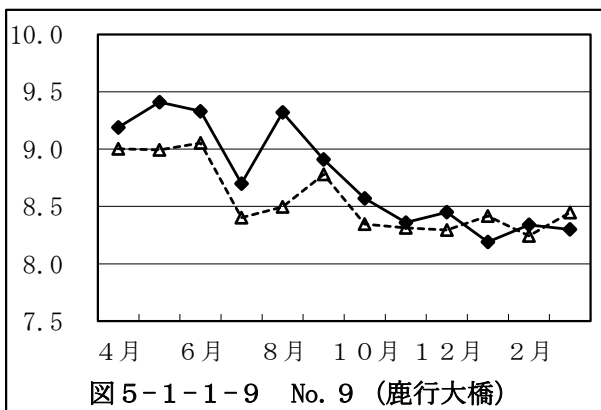
(平成30~令和2年度)

実線：R3年度、点線：過去3年間平均

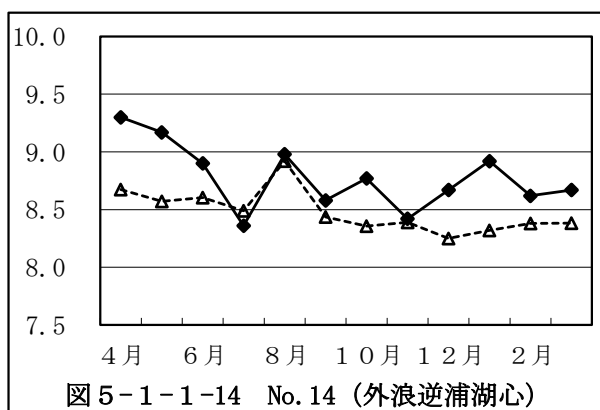
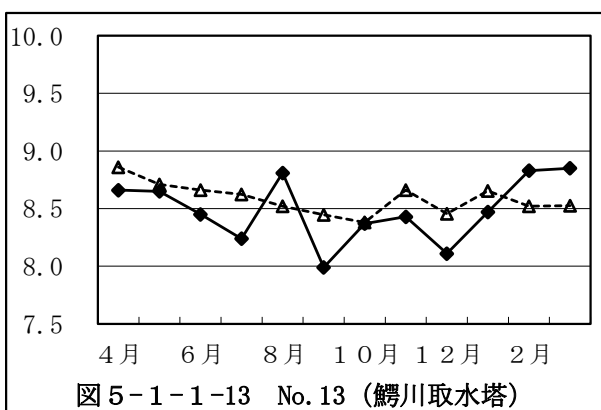


pH経月変化（北浦）

実線：R3年度、点線：過去3年間平均

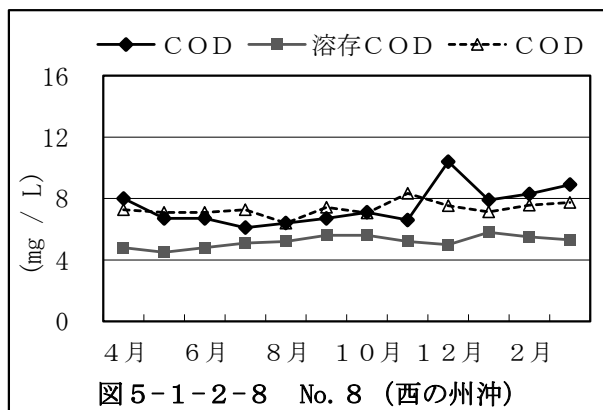
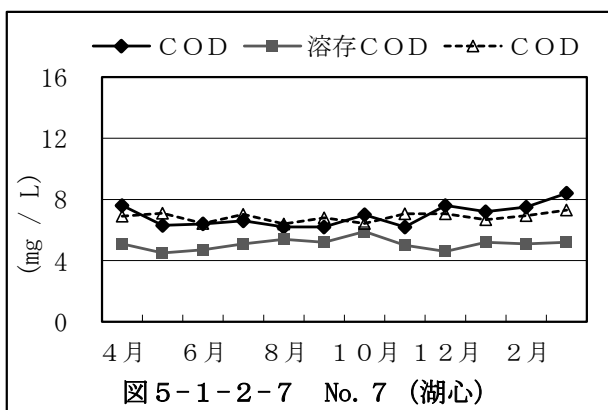
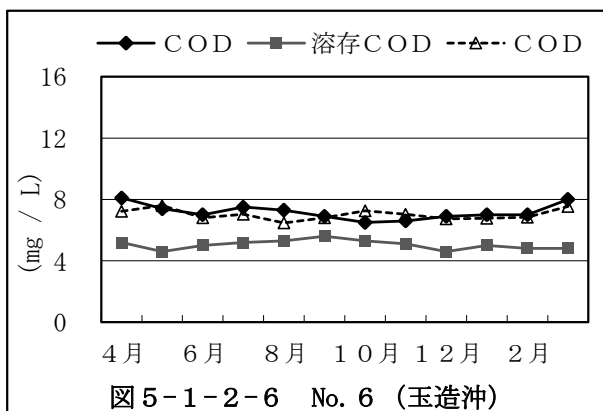
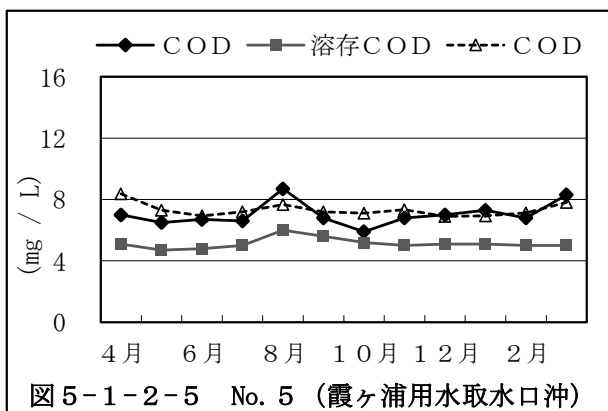
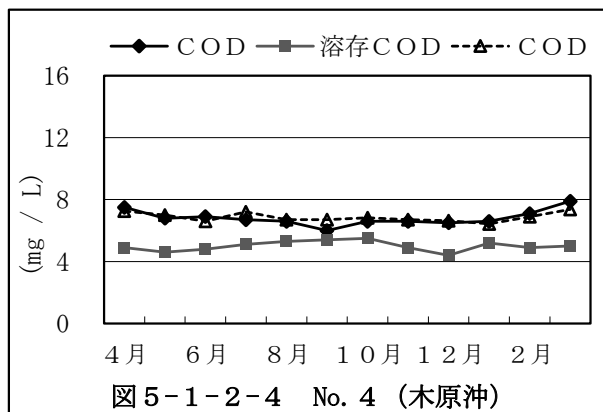
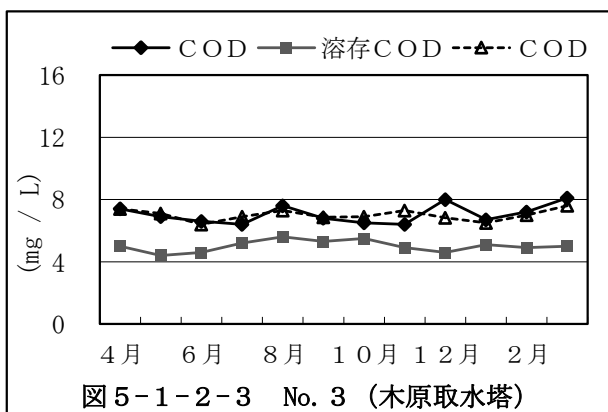
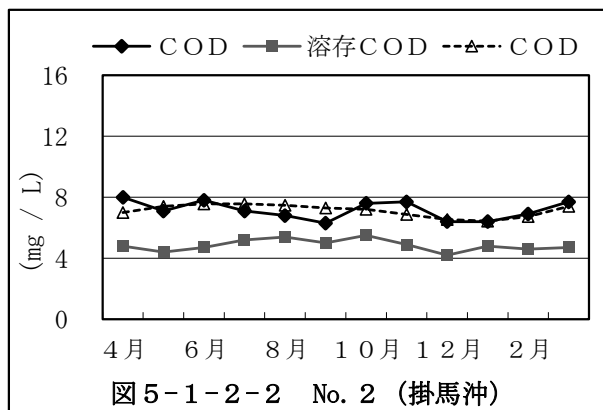
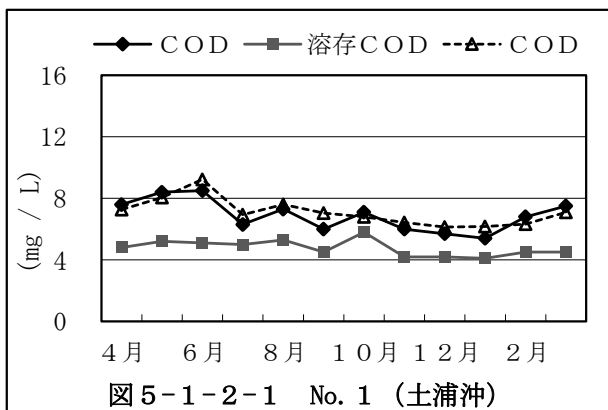


pH経月変化（鰯川、外浪逆浦）

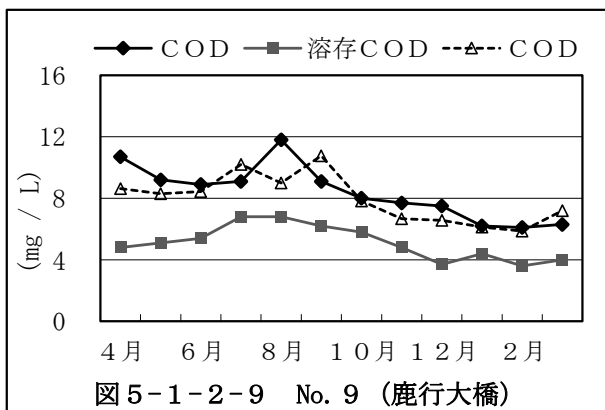


5.1.2 COD経月変化 (西浦)

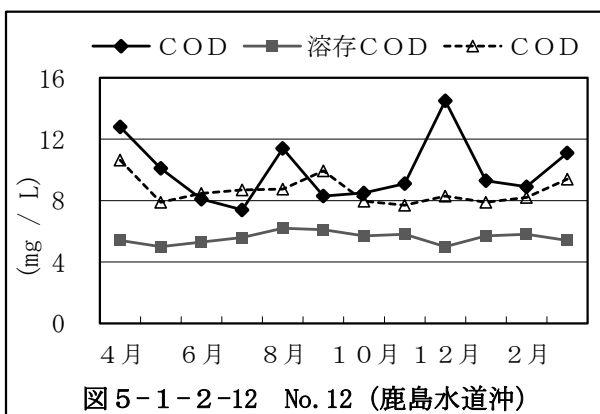
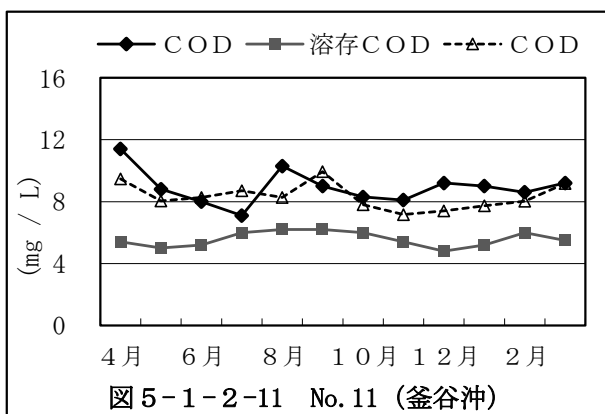
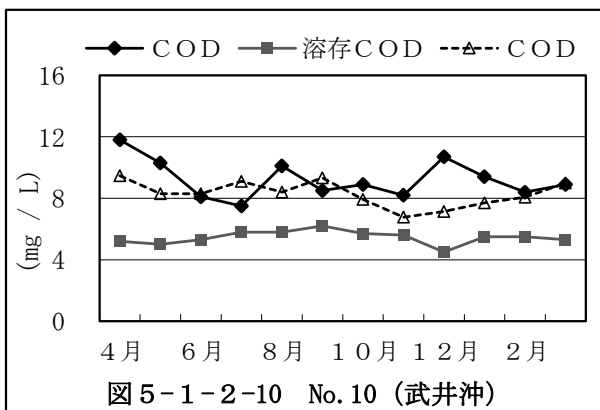
実線：R3年度、点線：過去3年間平均



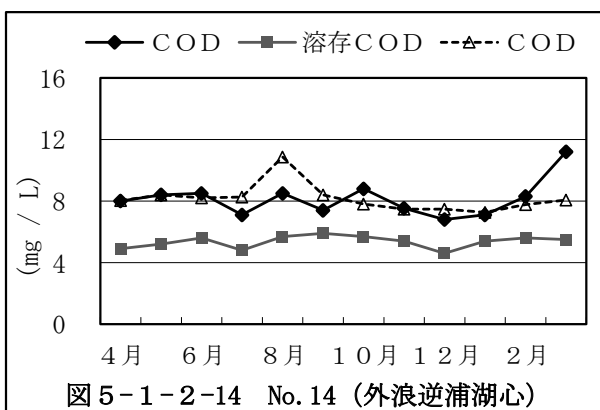
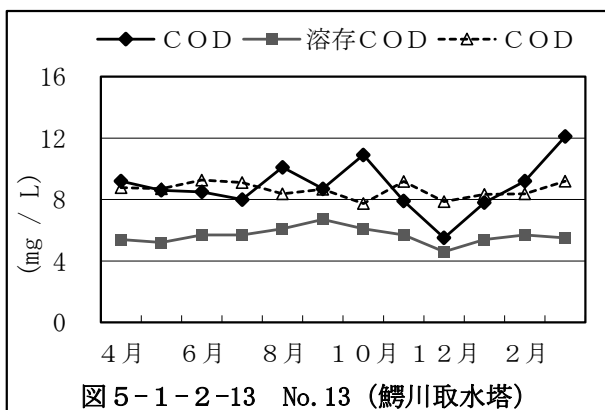
COD経月変化 (北浦)



実線：R3年度、点線：過去3年間平均

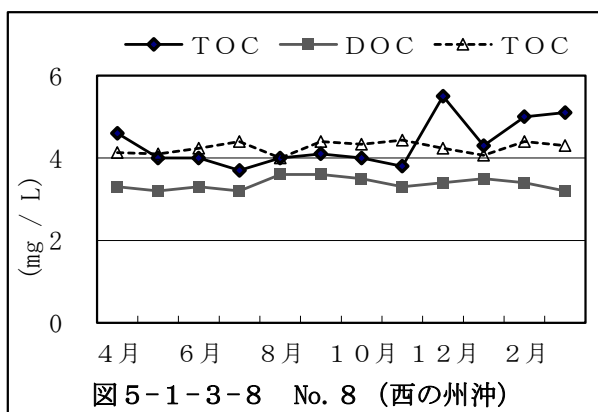
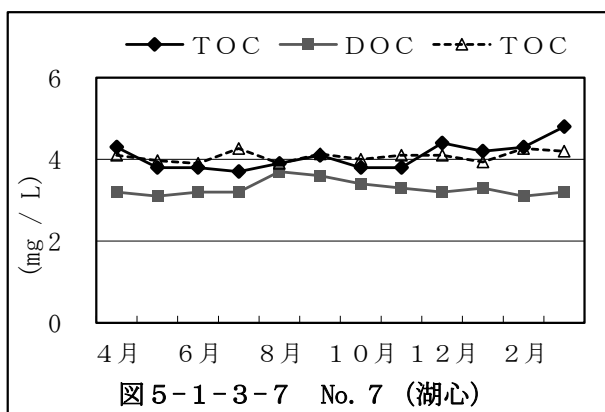
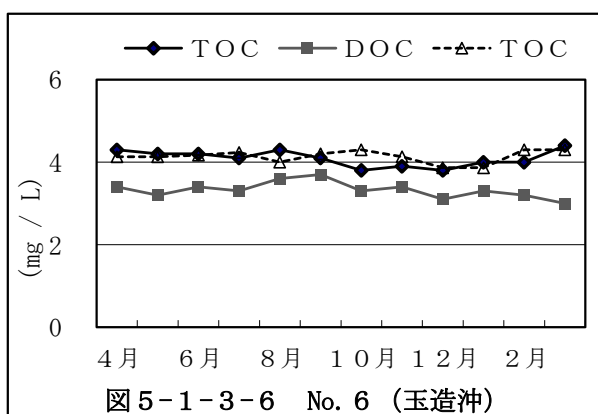
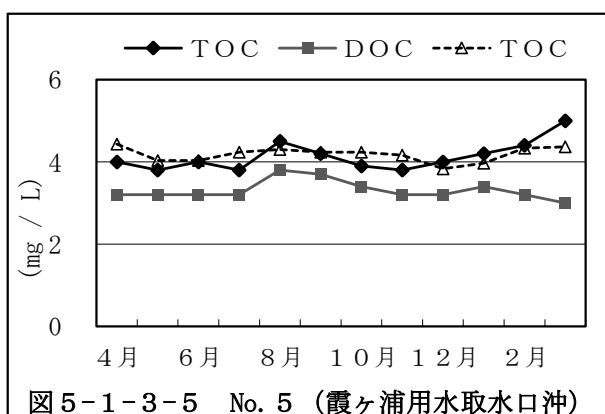
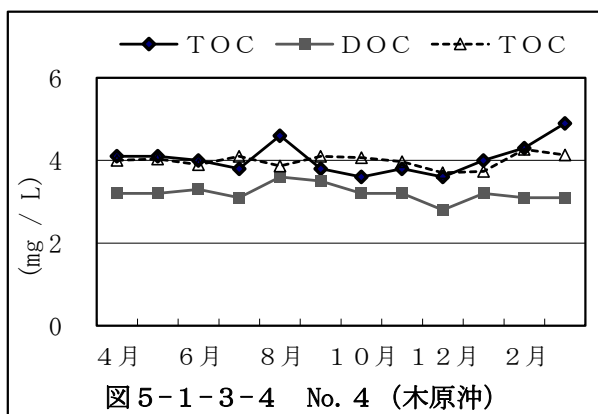
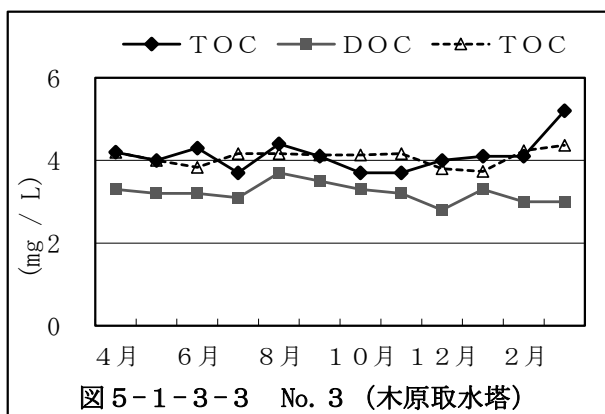
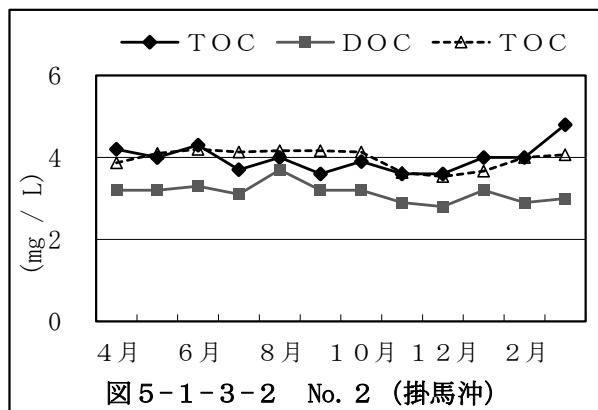
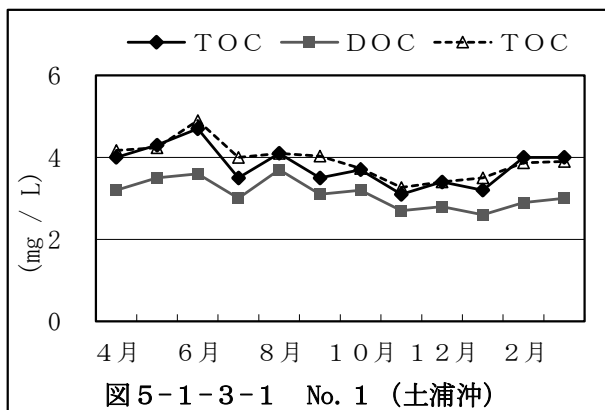


COD経月変化 (鰐川、外浪逆浦)

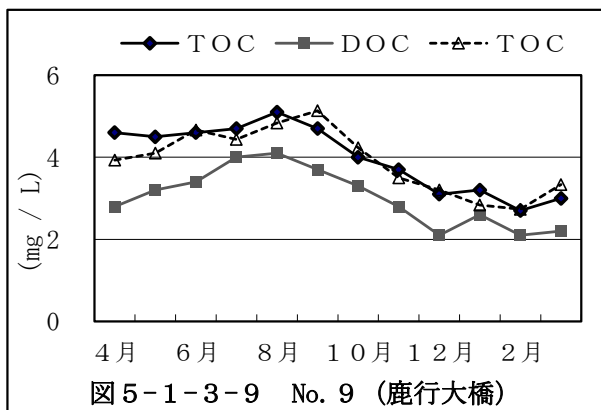


5.1.3 TOC経月変化（西浦）

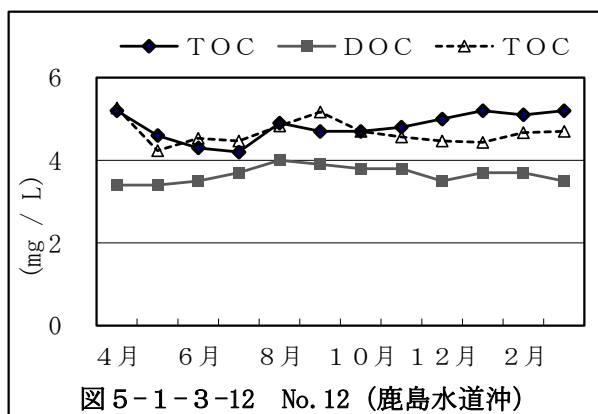
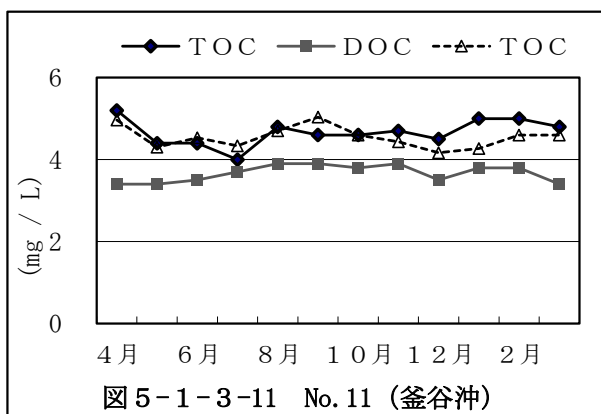
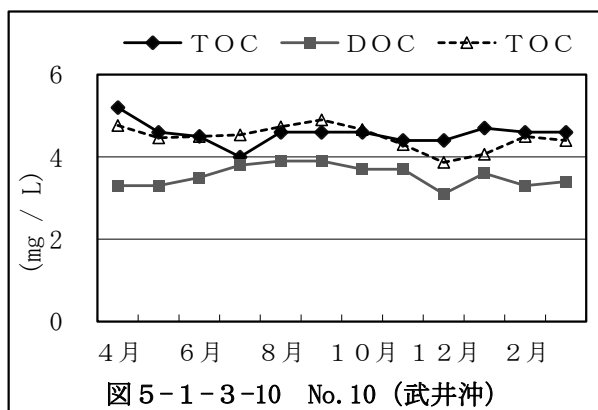
実線：R3年度、点線：過去3年間平均



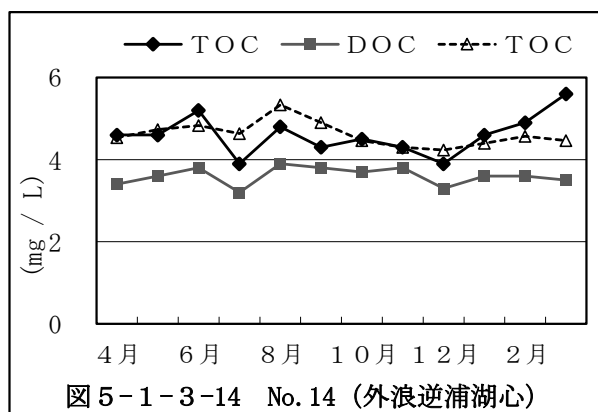
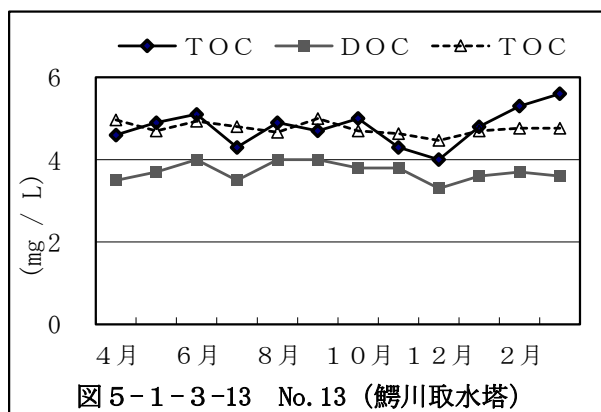
TOC経月変化 (北浦)



実線：R3年度、点線：過去3年間平均

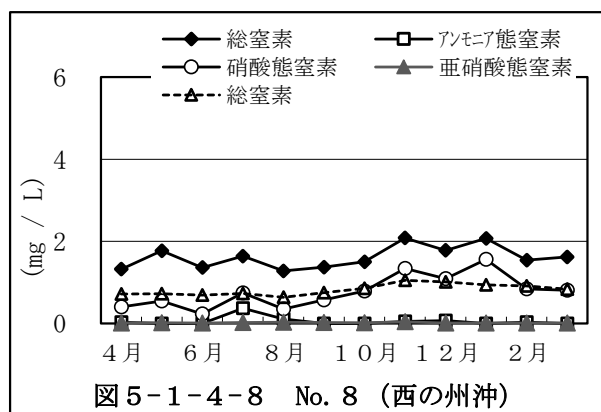
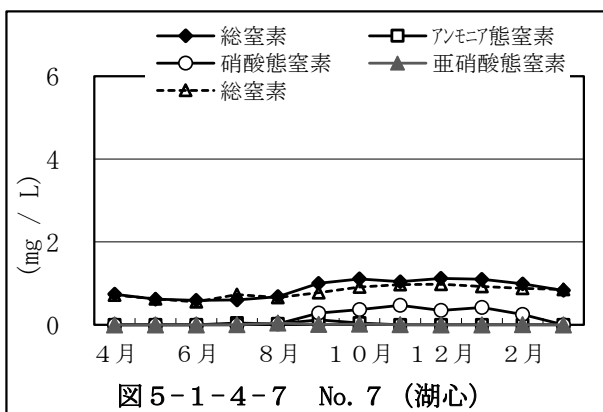
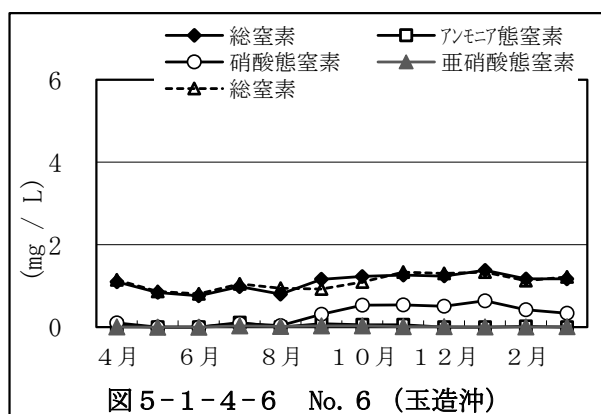
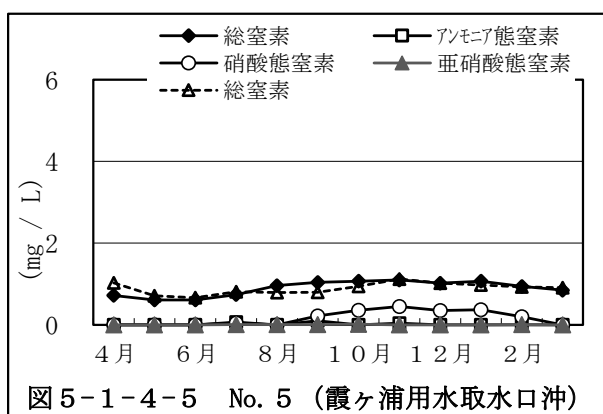
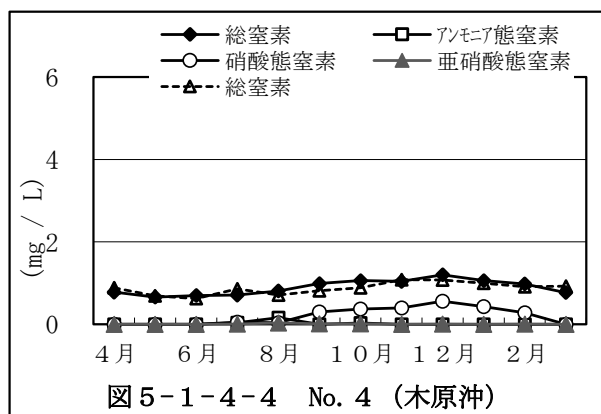
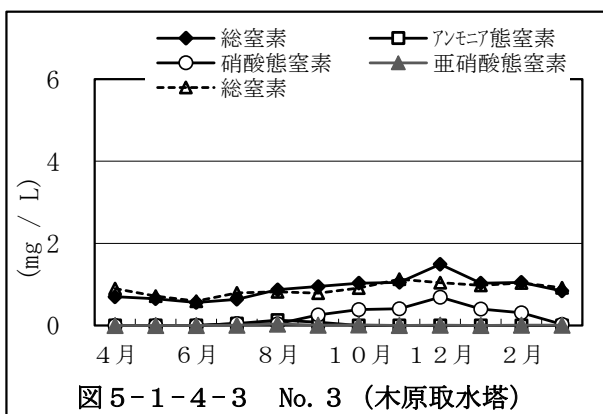
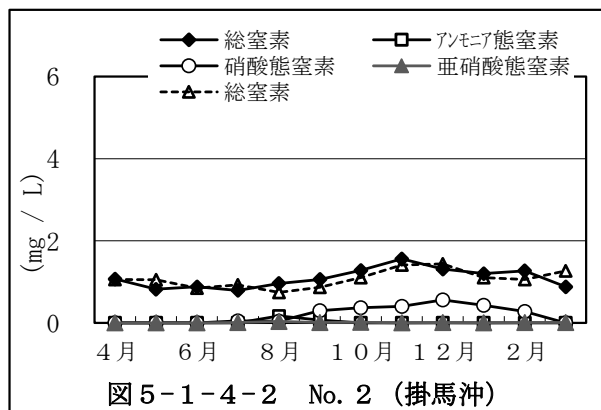
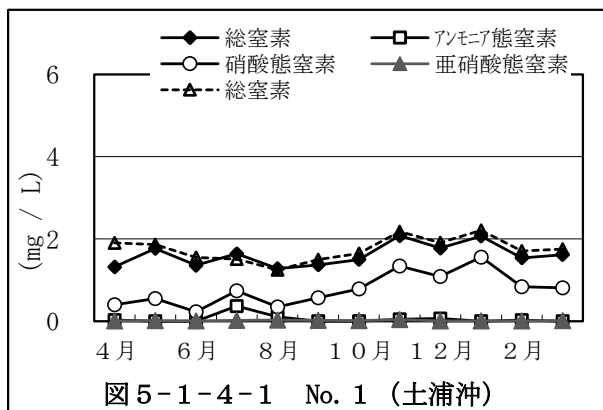


TOC経月変化 (鰯川、外浪逆浦)

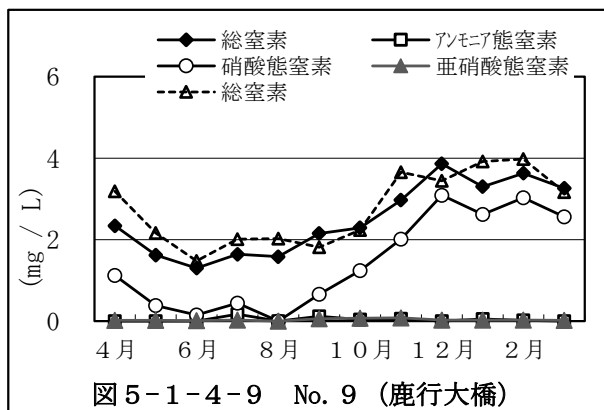


5.1.4 窒素類経月変化 (西浦)

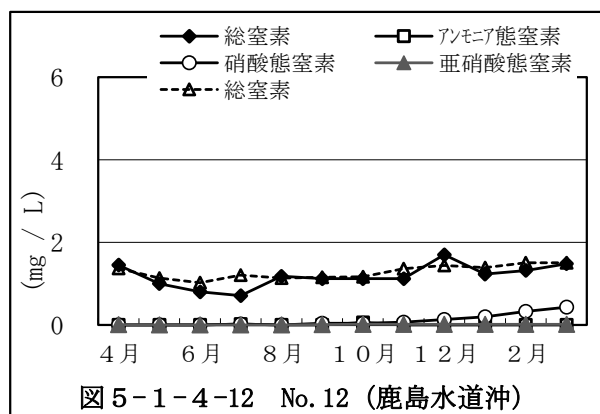
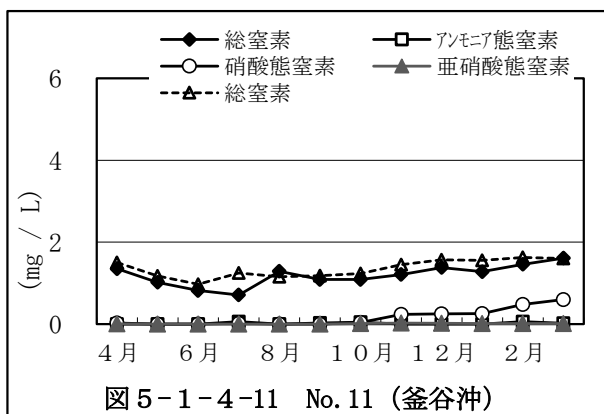
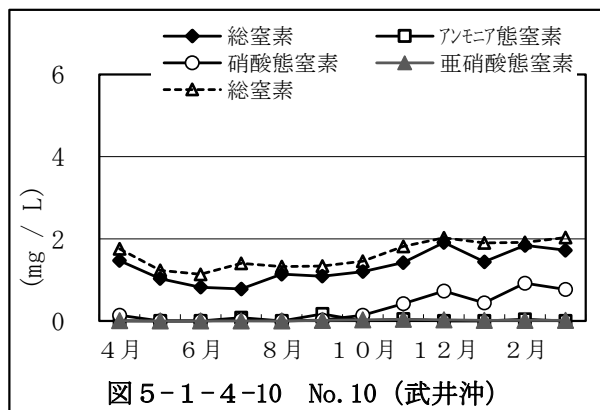
実線：R3年度、点線：過去3年間平均



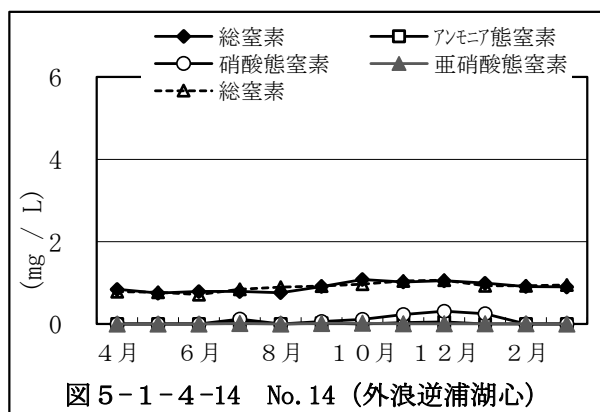
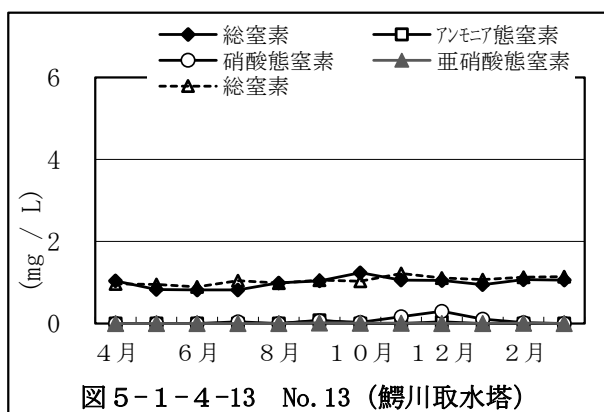
窒素類経月変化（北浦）



実線：R3年度、点線：過去3年間平均



窒素類経月変化（鰐川、外浪逆浦）

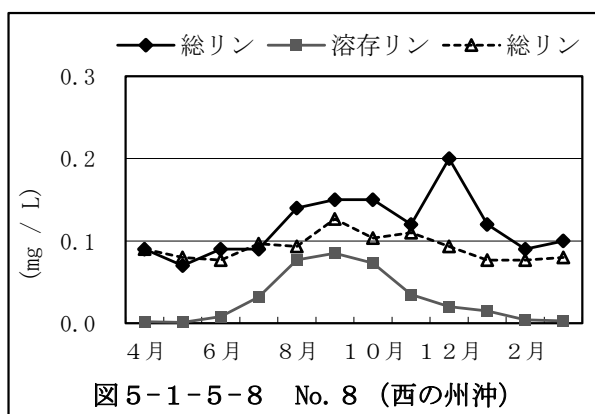
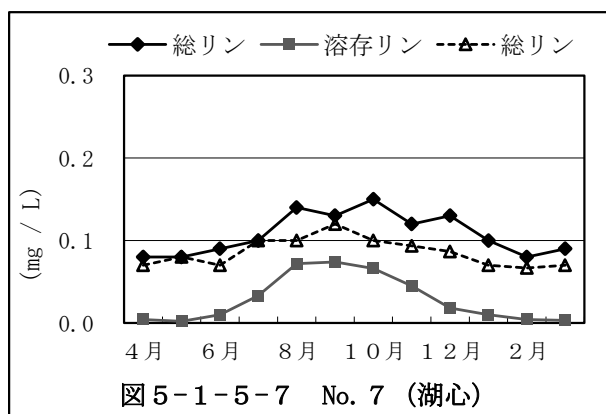
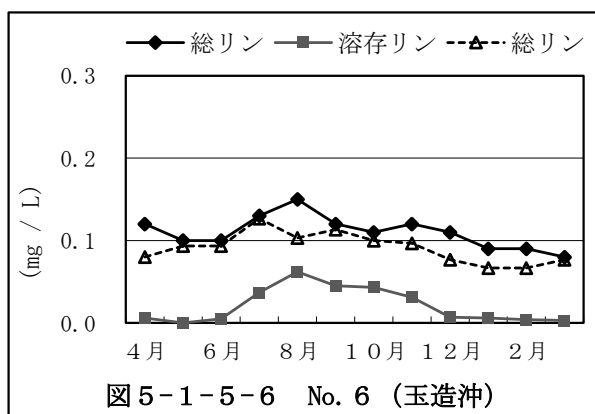
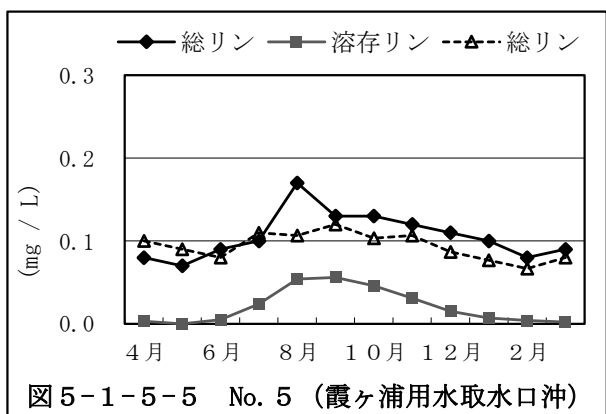
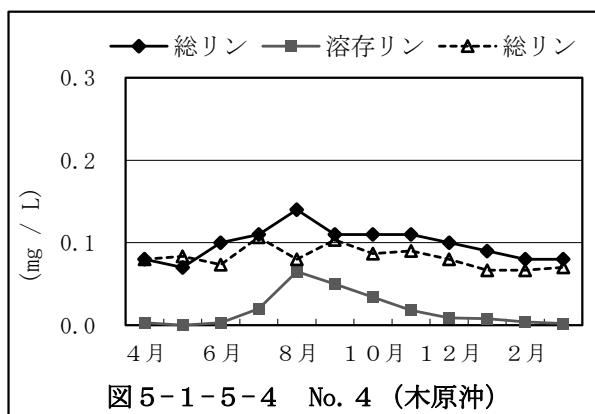
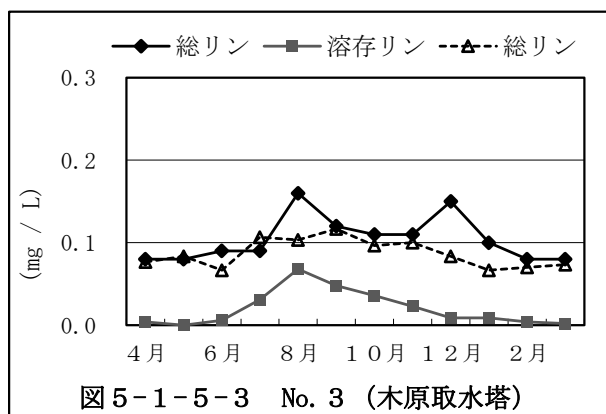
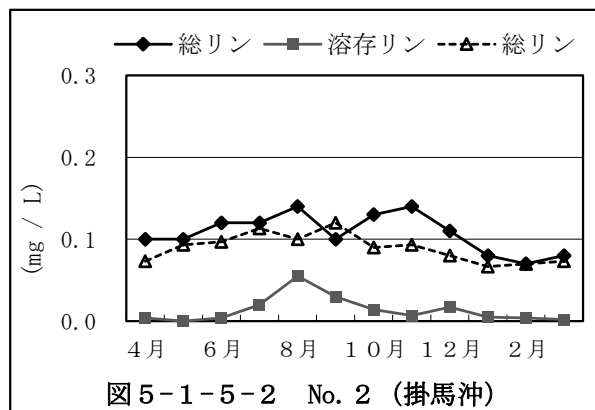
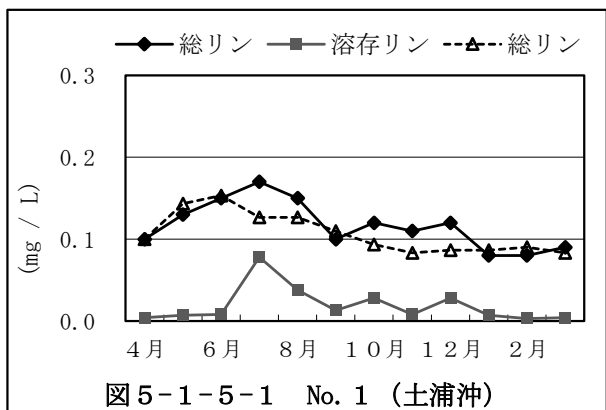


注) 定量下限値(アンモニア態窒素：0.02 mg/L、亜硝酸態窒素：0.004 mg/L、硝酸態窒素：0.02 mg/L)未滿は、0 mg/Lで表示



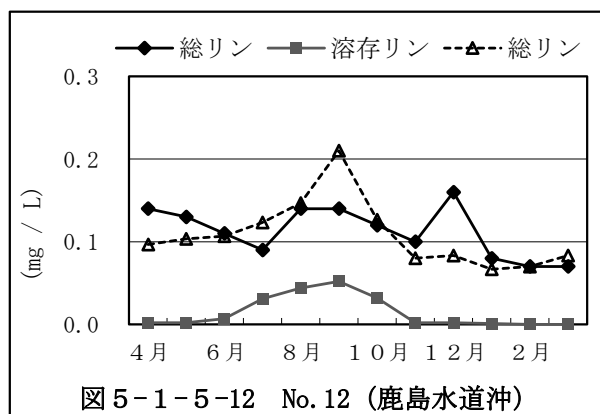
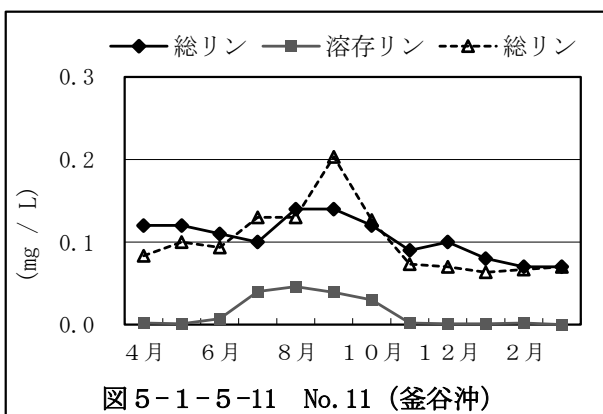
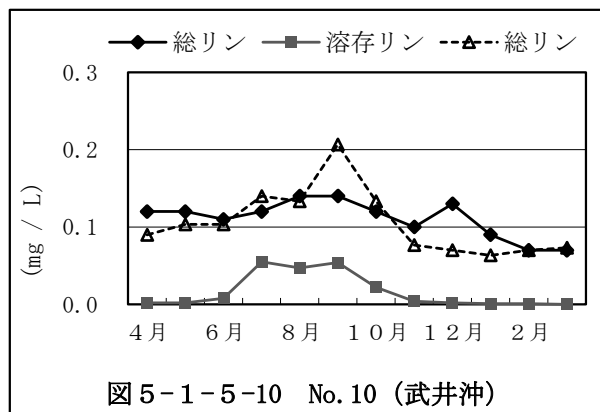
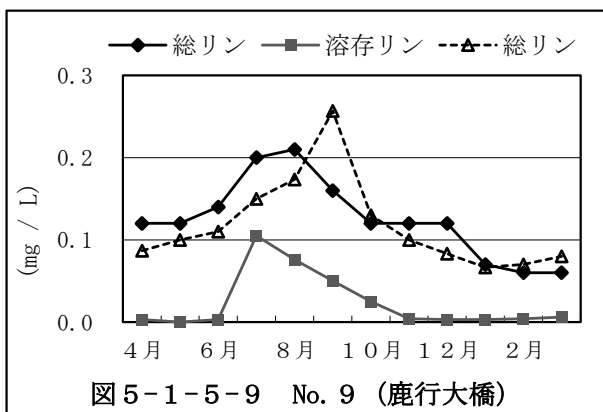
5.1.5 リン経月変化 (西浦)

実線：R3年度、点線：過去3年間平均

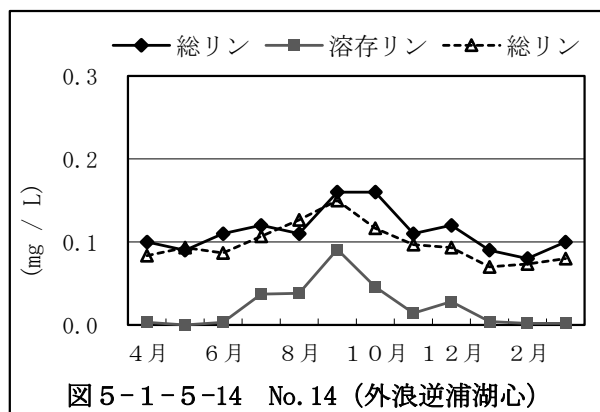
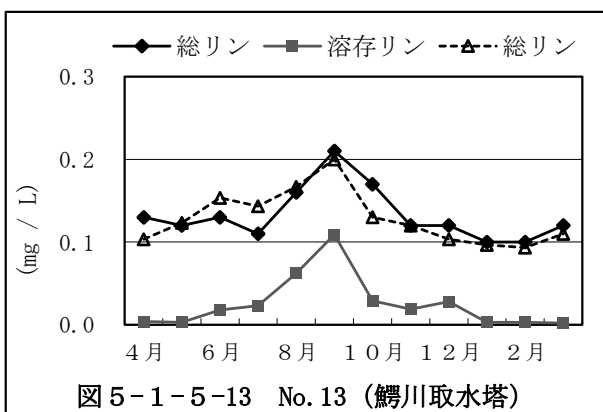


リン経月変化 (北浦)

実線：R3年度、点線：過去3年間平均



リン経月変化 (鰯川、外浪逆浦)



注) 定量下限値(0.001 mg/L)未滿は、0 mg/Lで表示

5.1.6 塩化物イオン経月変化 (西浦)

実線：R3年度、点線：過去3年間平均

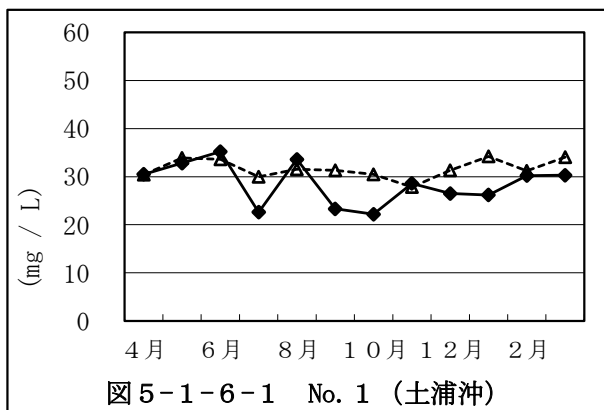


図5-1-6-1 No. 1 (土浦沖)

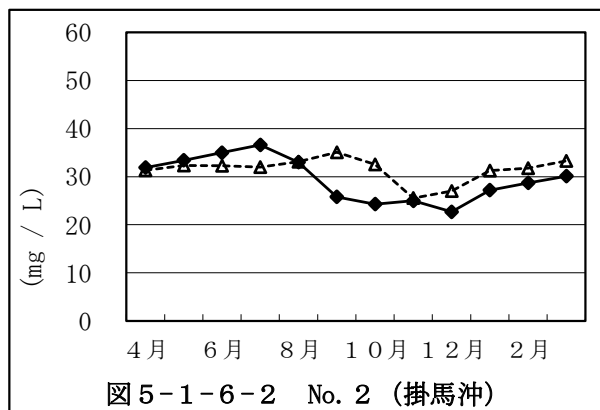


図5-1-6-2 No. 2 (掛馬沖)

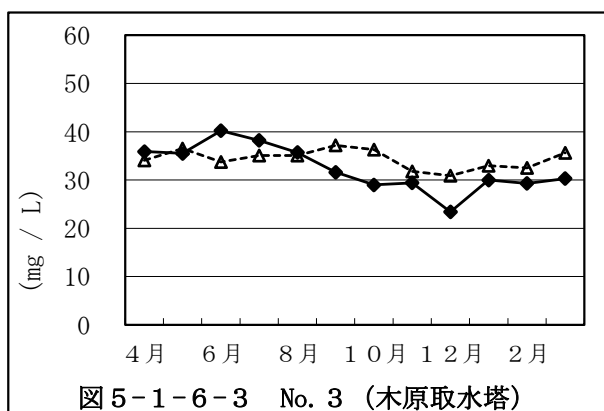


図5-1-6-3 No. 3 (木原取水塔)

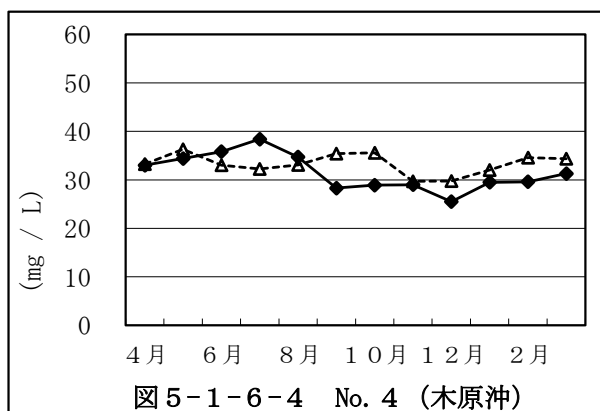


図5-1-6-4 No. 4 (木原沖)

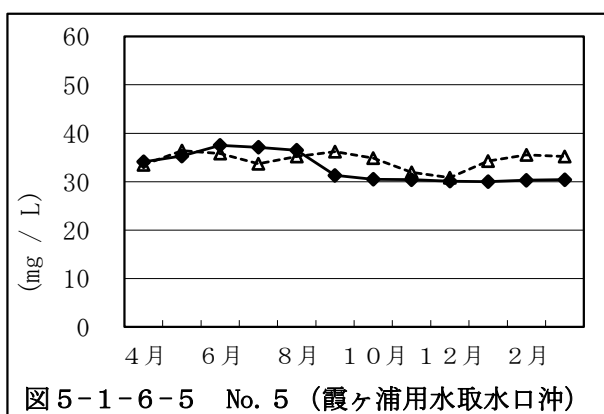


図5-1-6-5 No. 5 (霞ヶ浦用水取水口沖)

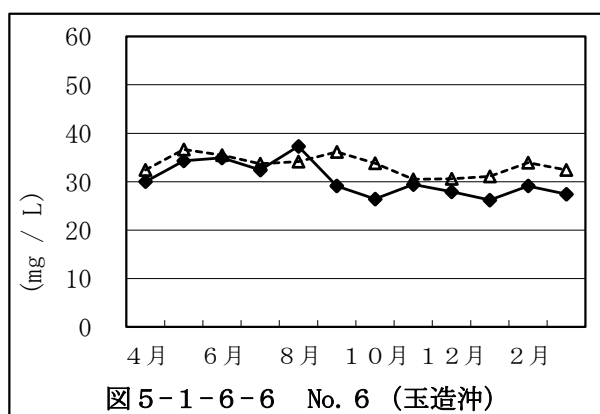


図5-1-6-6 No. 6 (玉造沖)

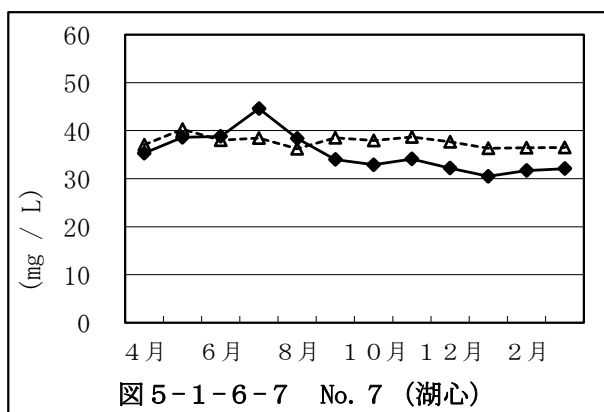


図5-1-6-7 No. 7 (湖心)

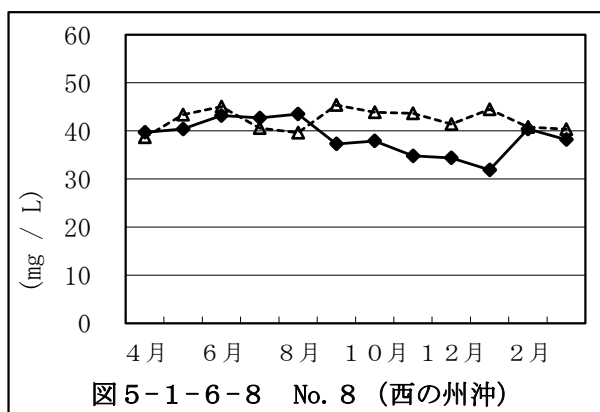
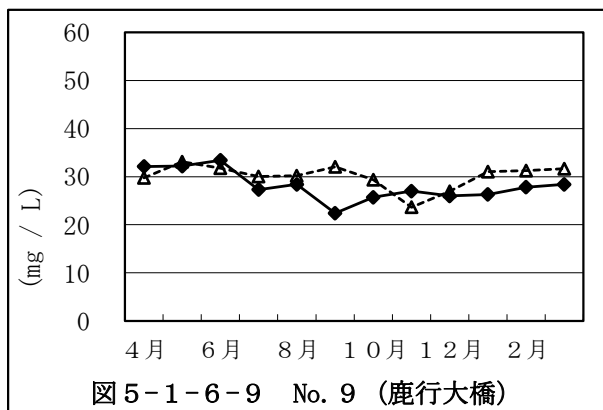
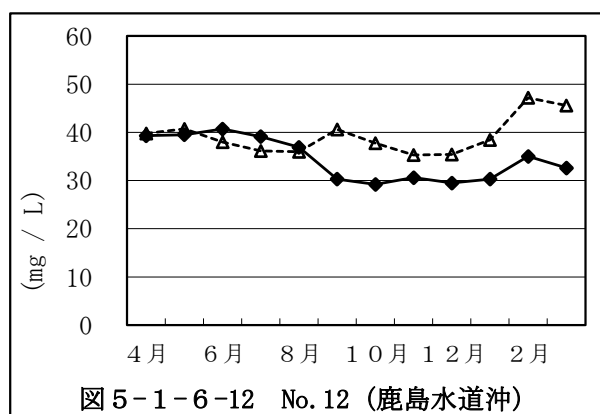
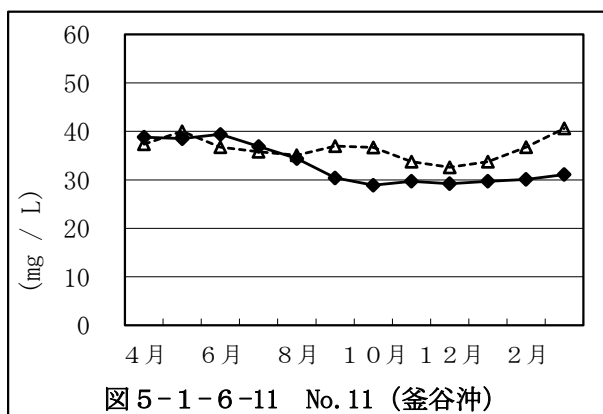
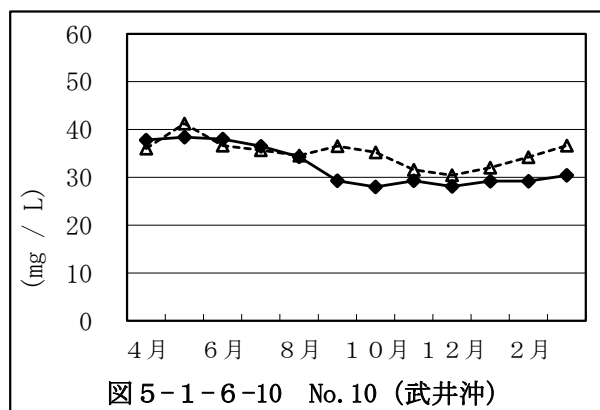


図5-1-6-8 No. 8 (西の州沖)

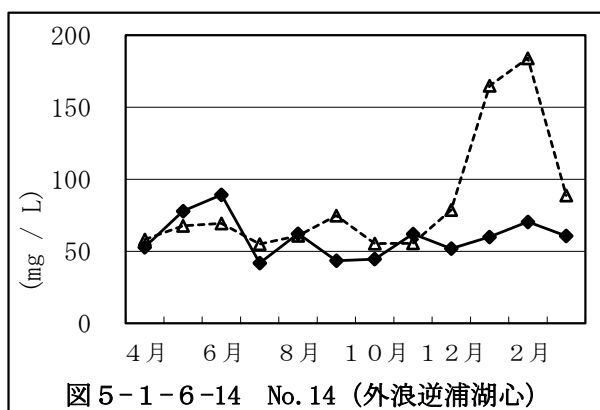
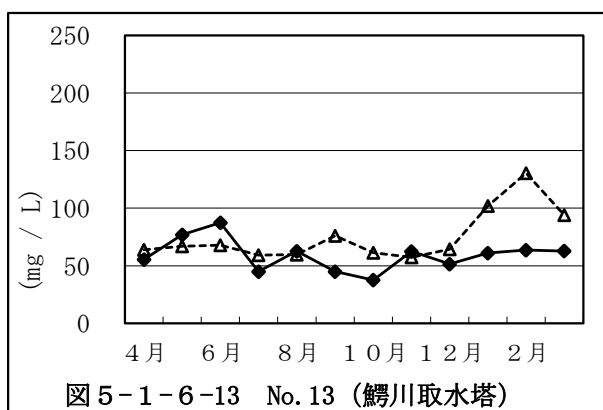
塩化物イオン経月変化（北浦）



実線：R3年度、点線：過去3年間平均

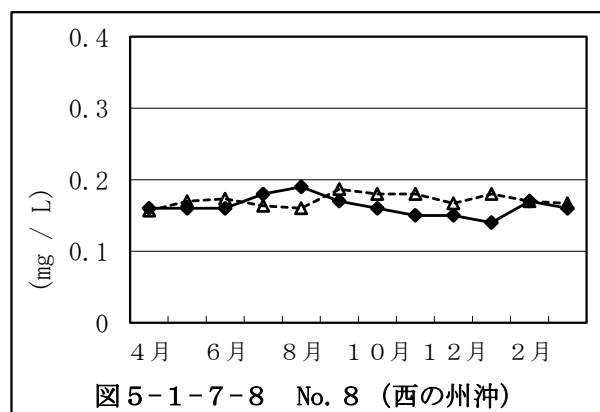
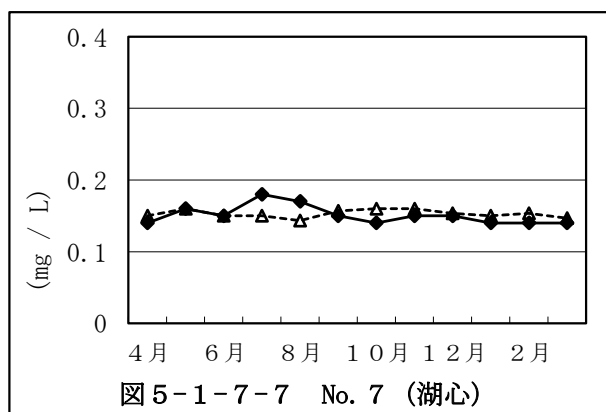
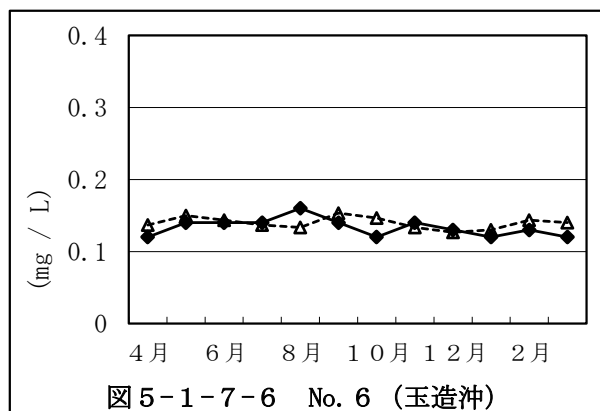
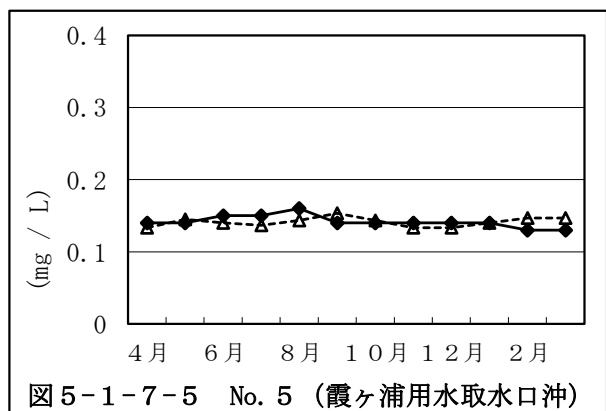
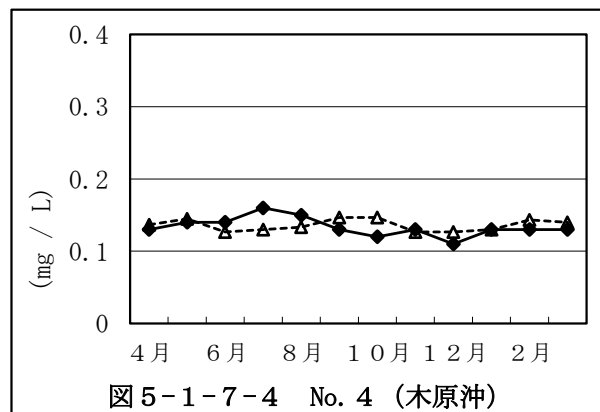
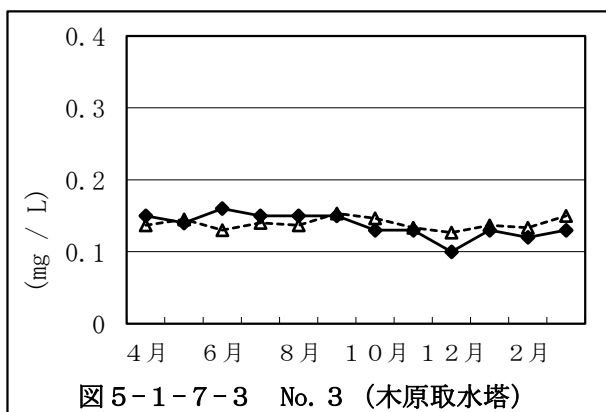
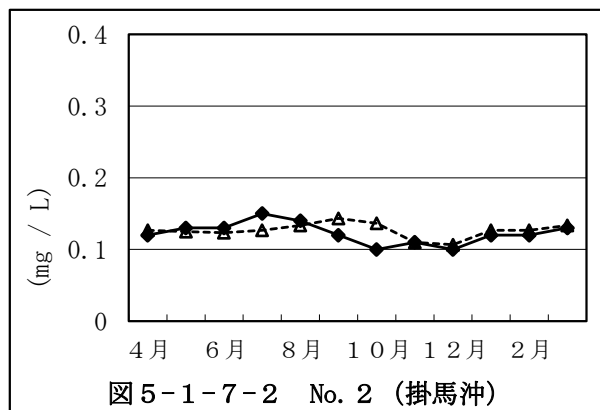
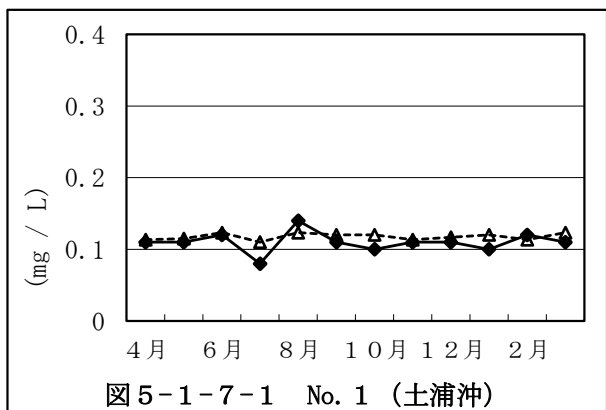


塩化物イオン経月変化（鰐川、外浪逆浦）

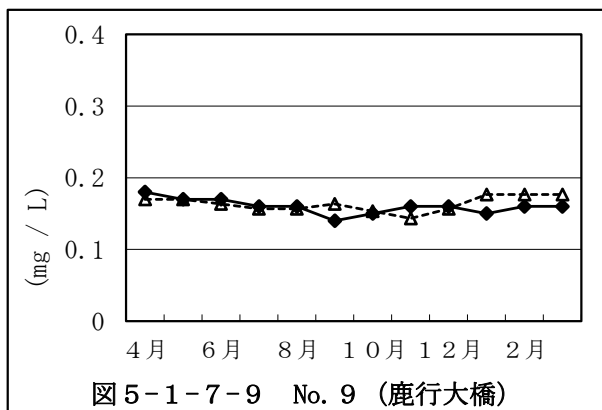


5.1.7 臭化物イオン経月変化 (西浦)

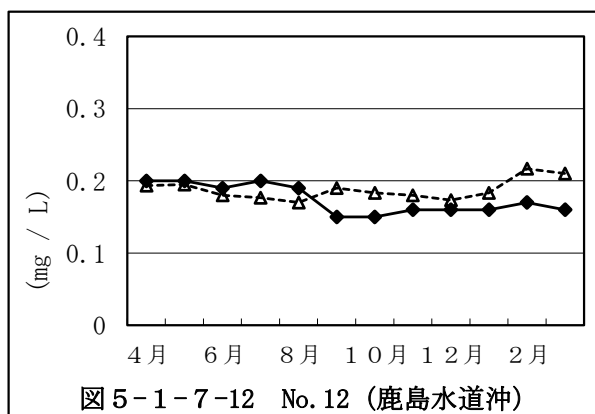
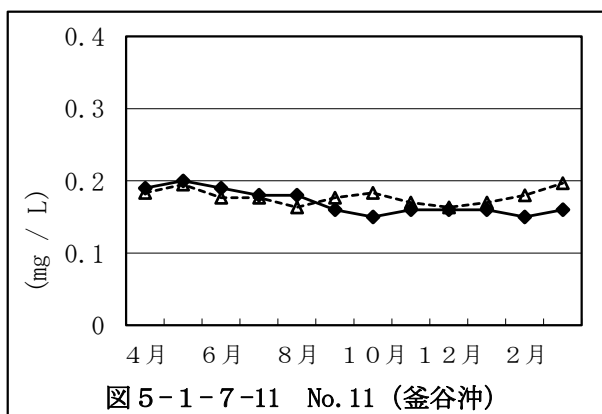
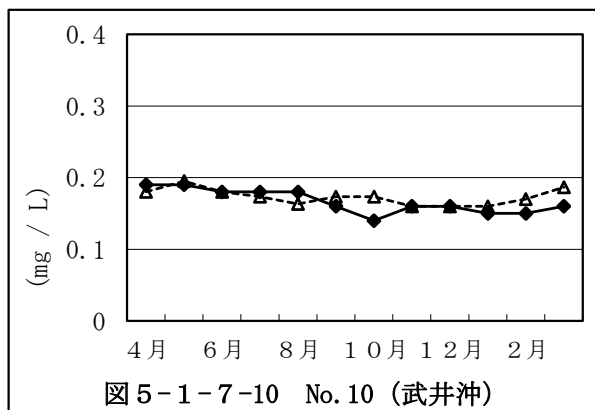
実線：R3年度、点線：過去3年間平均



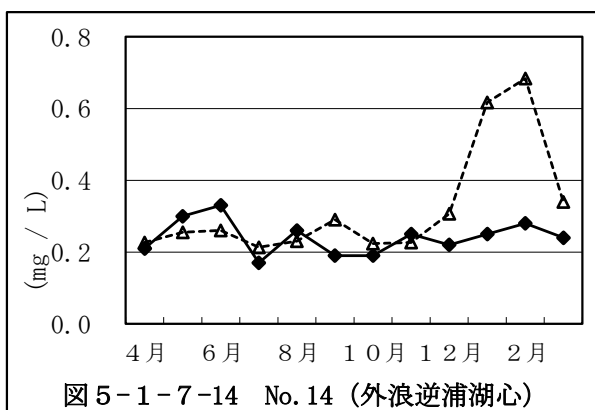
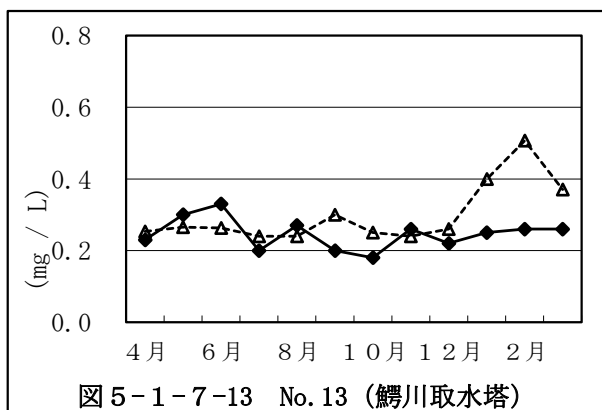
臭化物イオン経月変化（北浦）



実線：R3年度、点線：過去3年間平均



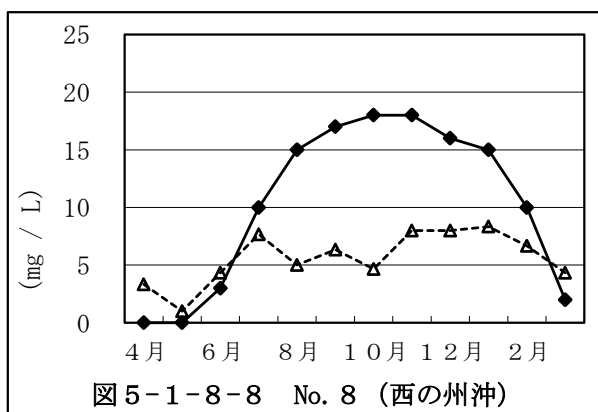
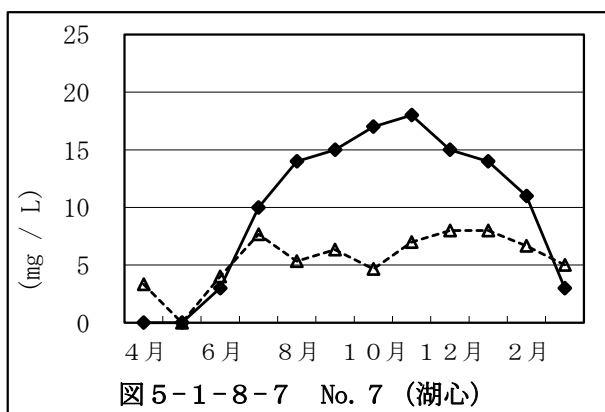
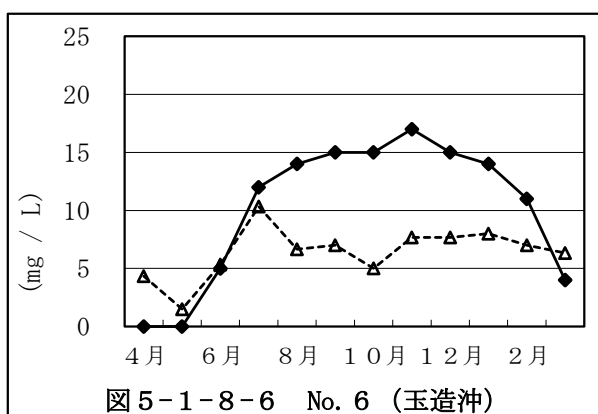
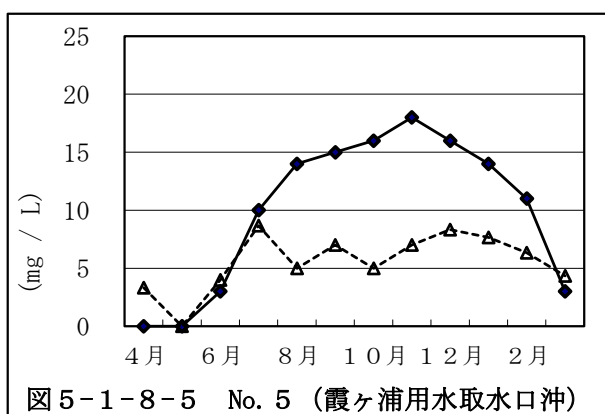
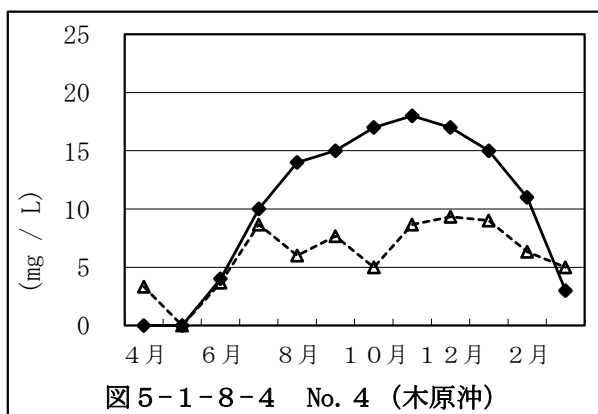
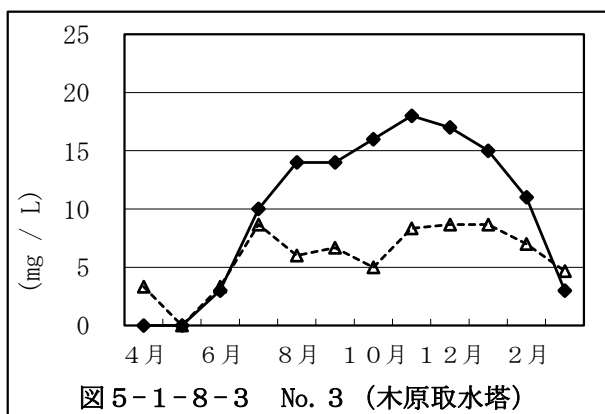
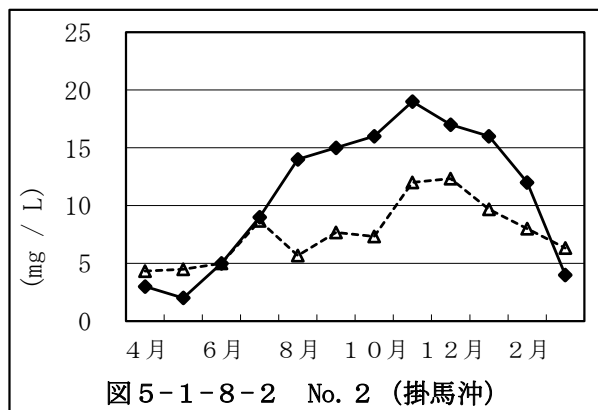
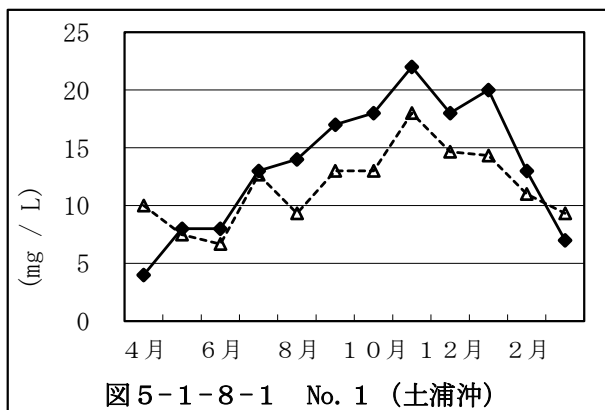
臭化物イオン経月変化（鰐川、外浪逆浦）



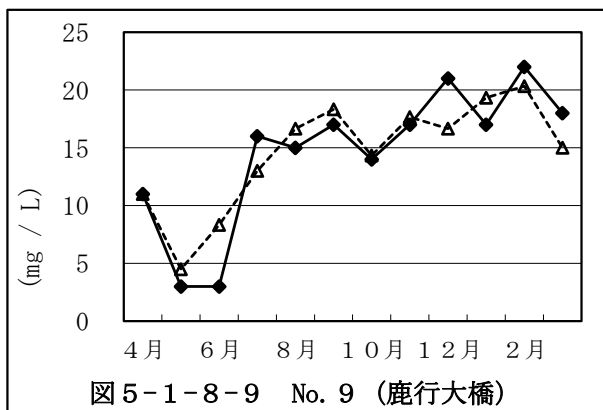
注) 定量下限値(0.10 mg/L)未満は、0 mg/Lで表示

5.1.8 溶性ケイ酸経月変化 (西浦)

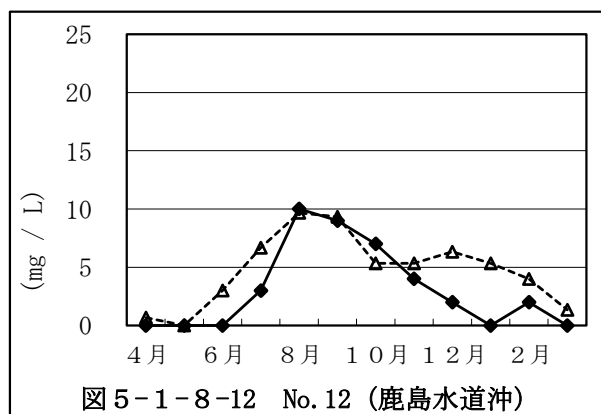
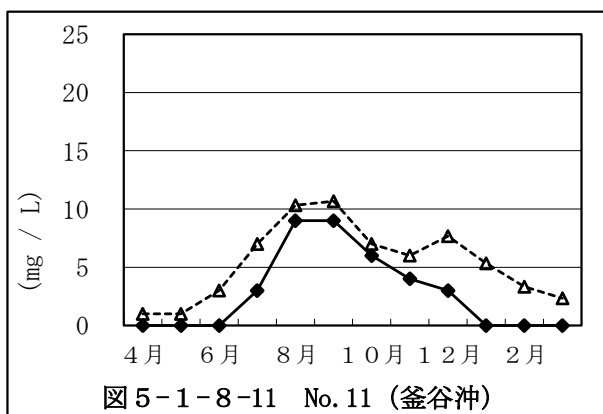
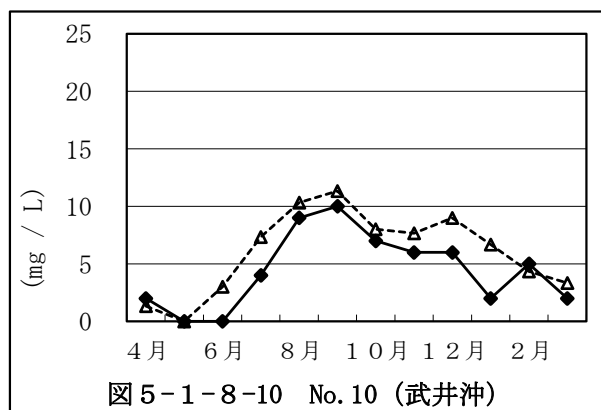
実線：R3年度、点線：過去3年間平均



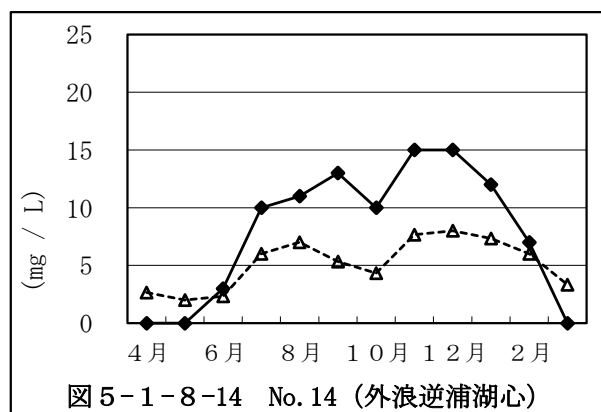
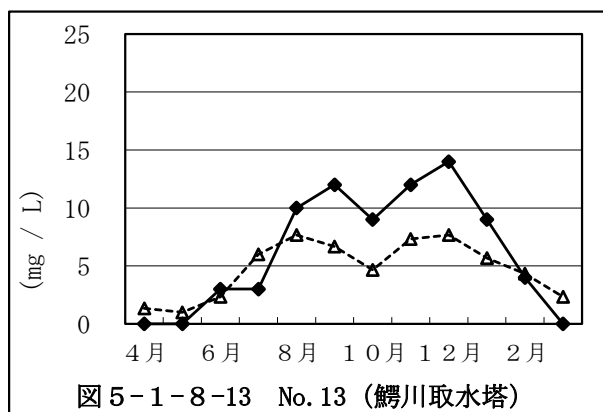
溶性ケイ酸経月変化（北浦）



実線：R3年度、点線：過去3年間平均



溶性ケイ酸経月変化（鰐川、外浪逆浦）

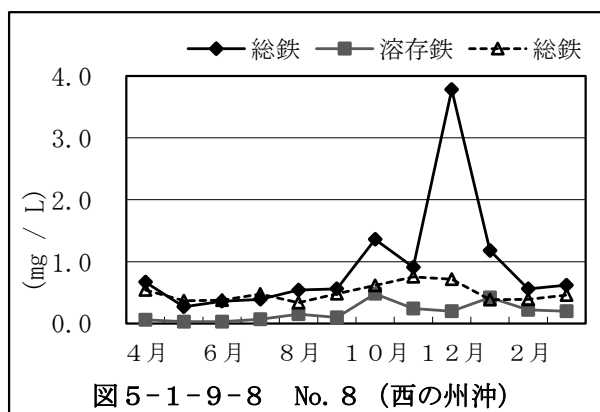
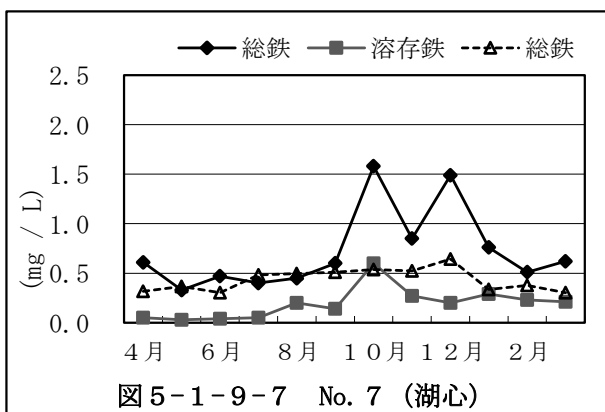
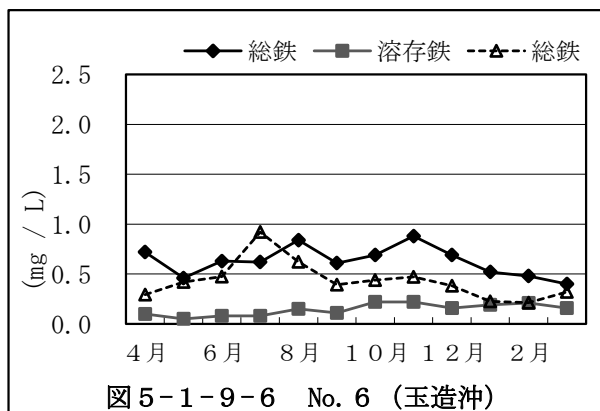
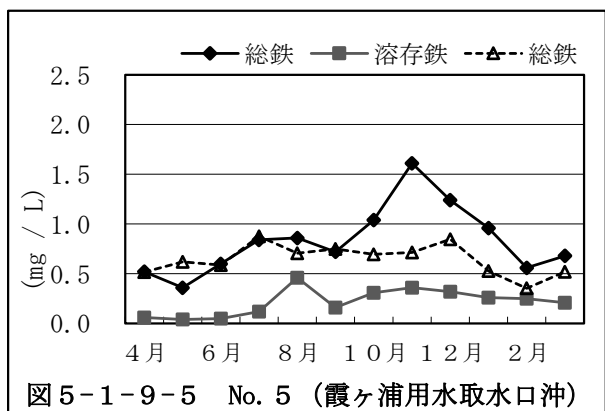
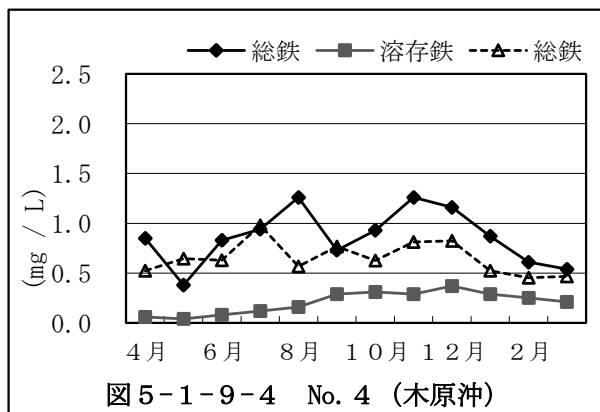
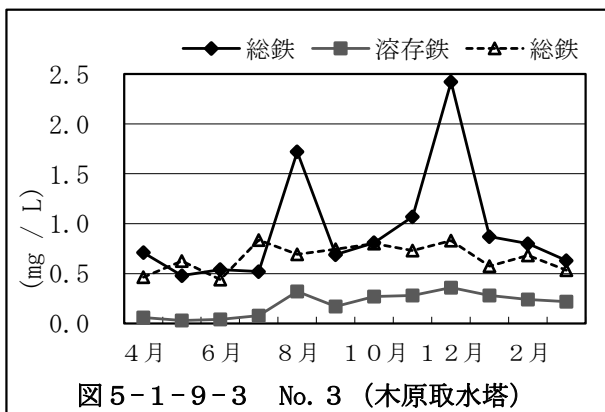
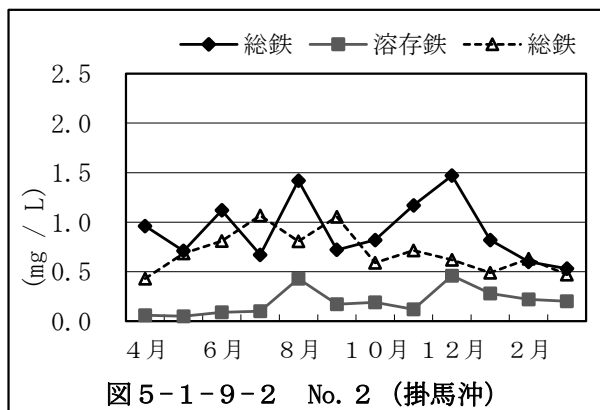
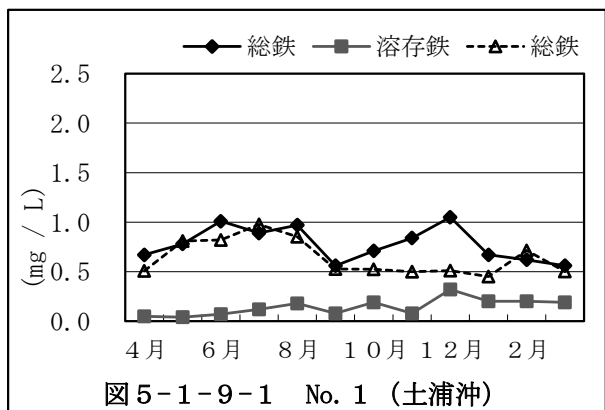


注) 定量下限値(2 mg/L)未満は、0 mg/Lで表示

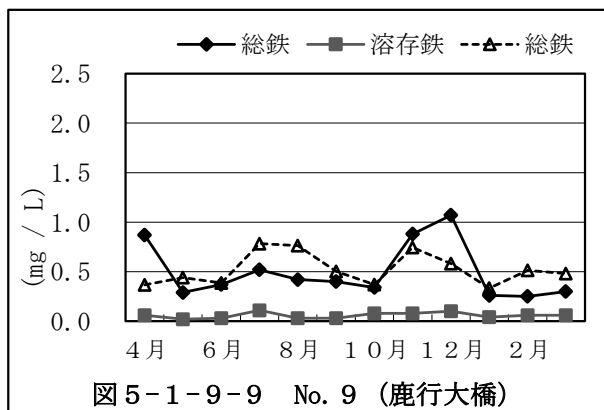


5.1.9 鉄経月変化 (西浦)

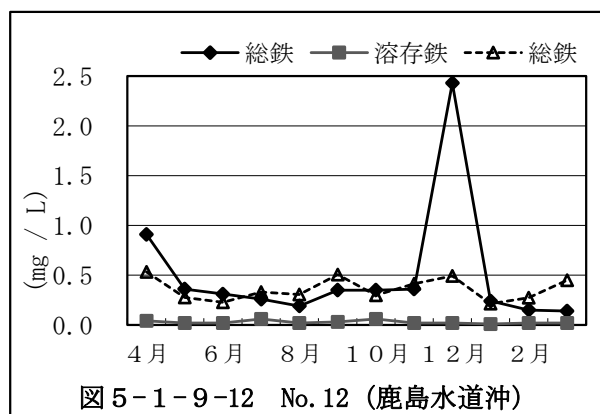
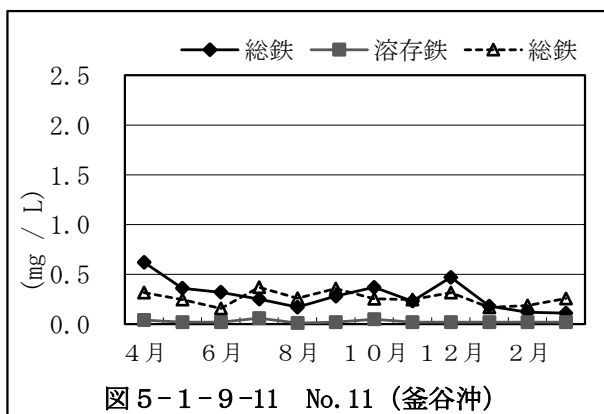
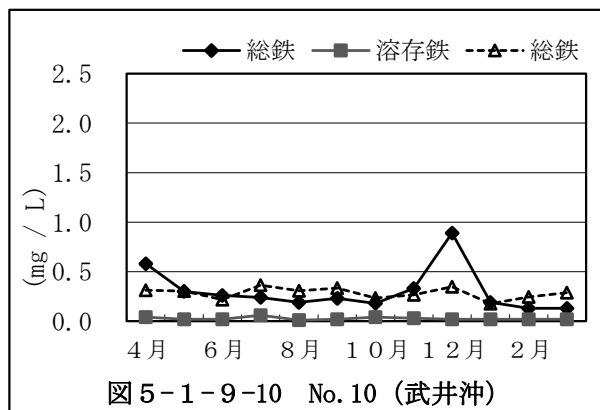
実線：R3年度、点線：過去3年間平均



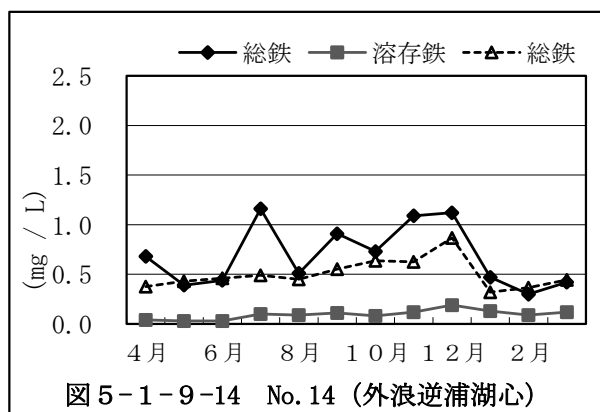
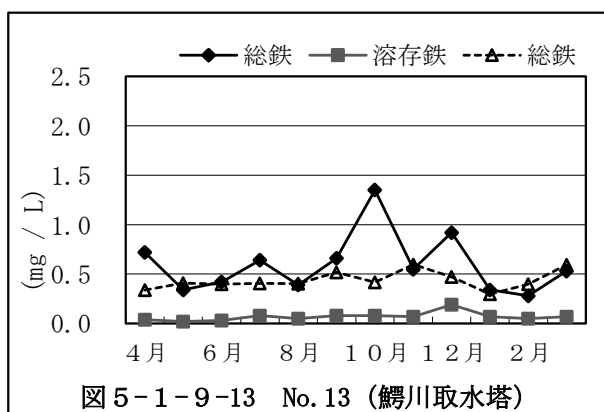
鉄経月変化（北浦）



実線：R3年度、点線：過去3年間平均



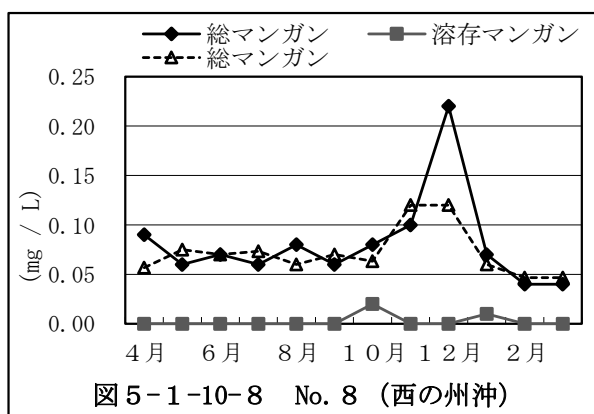
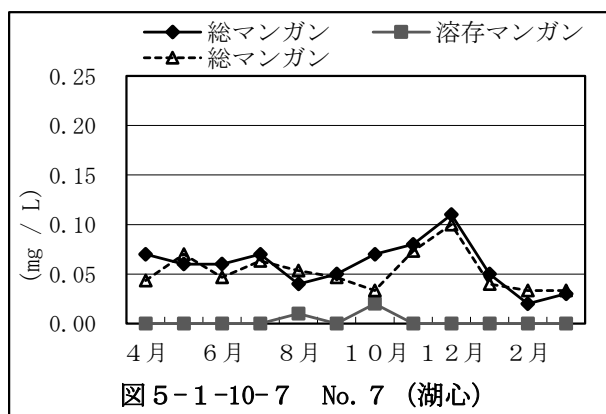
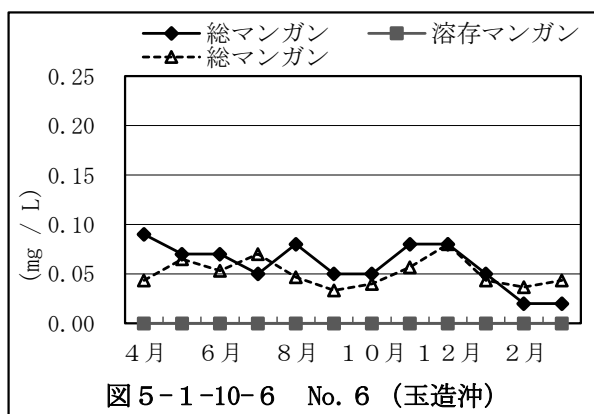
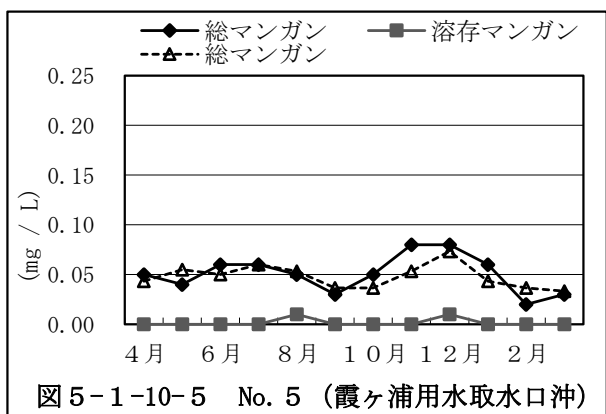
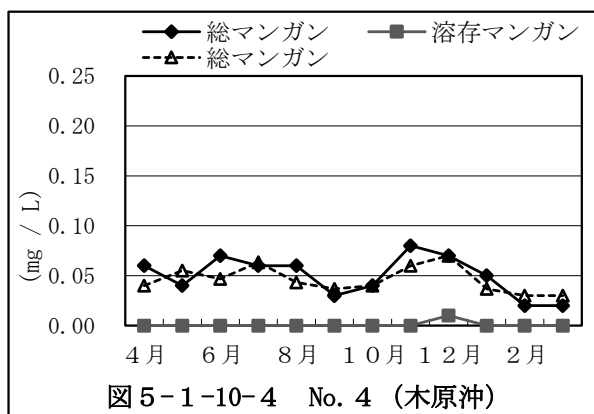
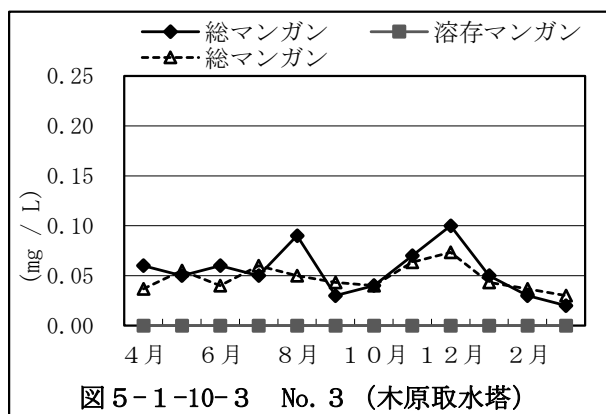
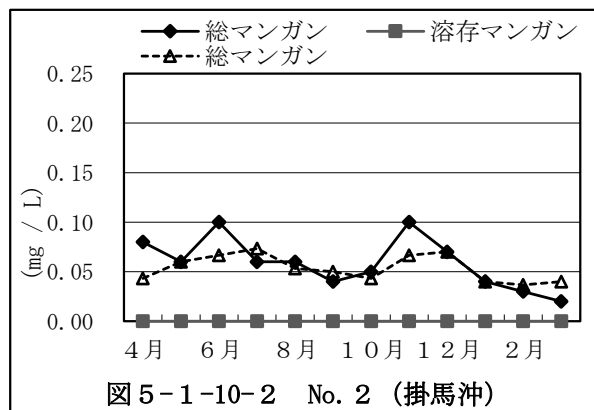
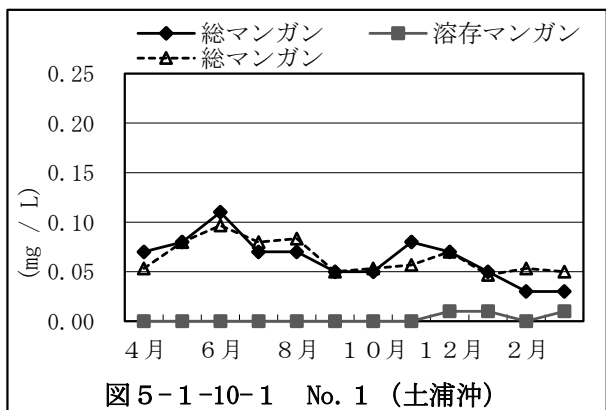
鉄経月変化（鰯川、外浪逆浦）



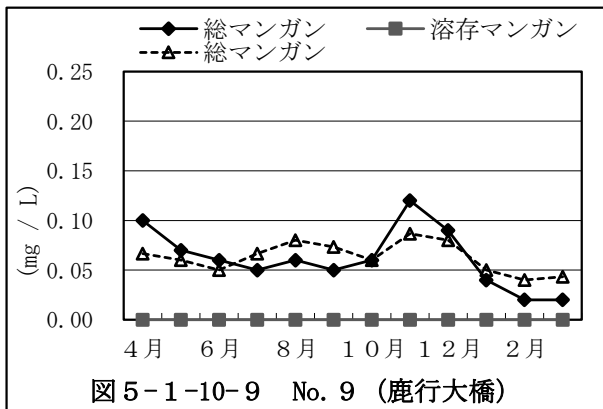
注) 12月は採水日が強風状態であったため、懸濁物の影響を受ける項目が高い値で検出されている。

5.1.10 マンガン経月変化 (西浦)

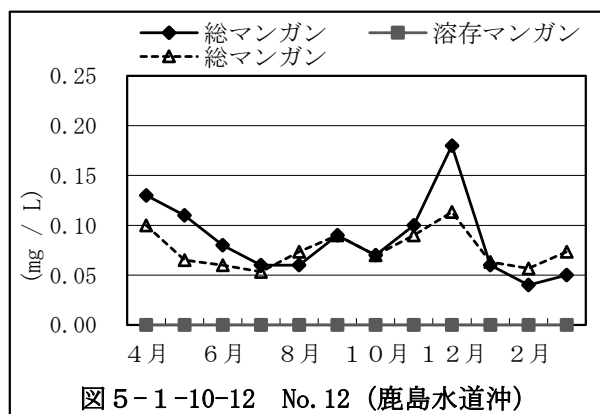
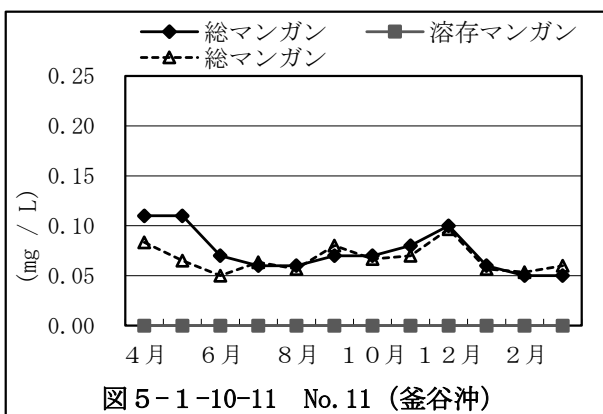
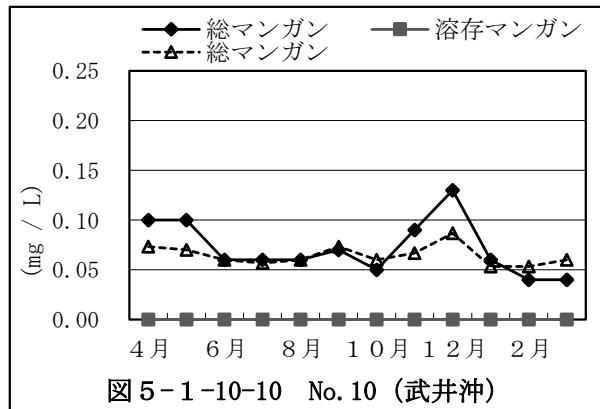
実線：R3年度、点線：過去3年間平均



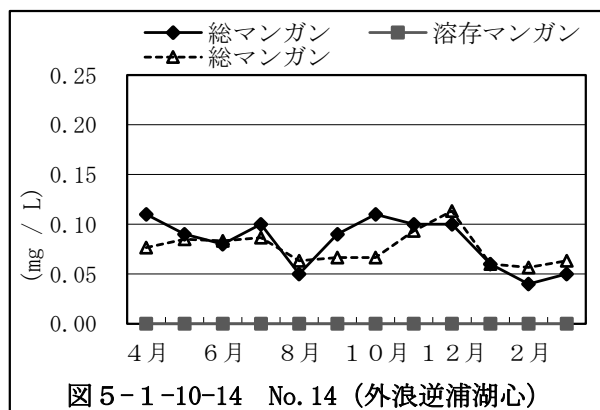
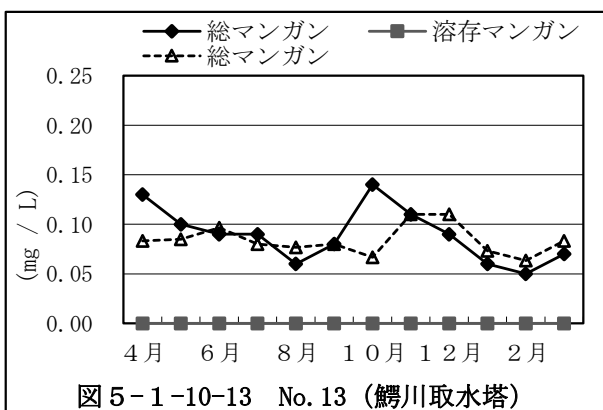
マンガン経月変化（北浦）



実線：R3年度、点線：過去3年間平均



マンガン経月変化（鰐川、外浪逆浦）

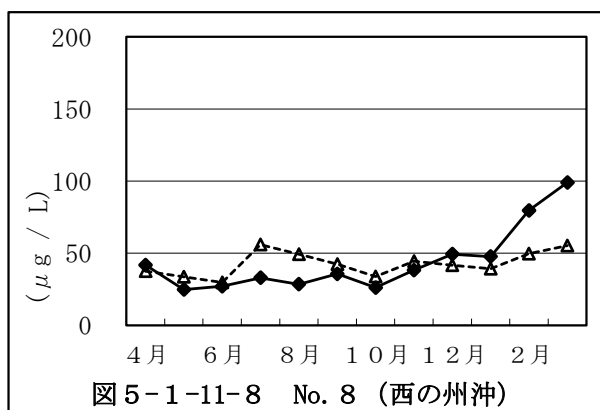
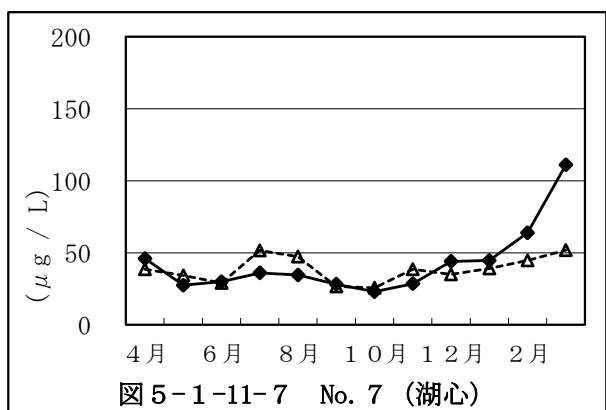
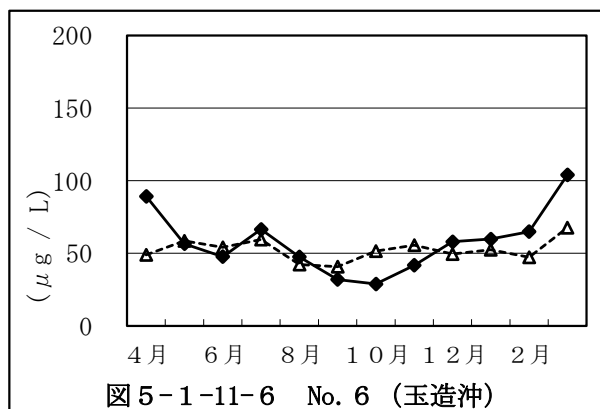
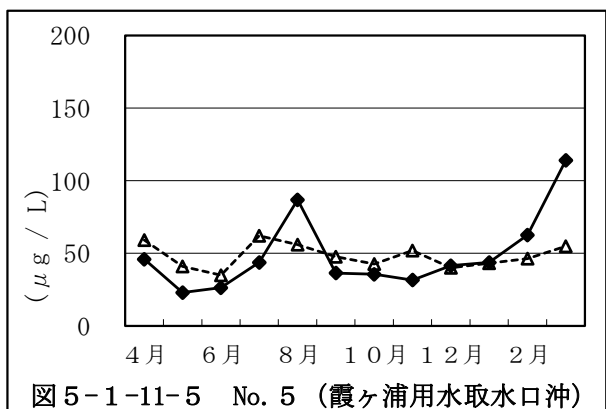
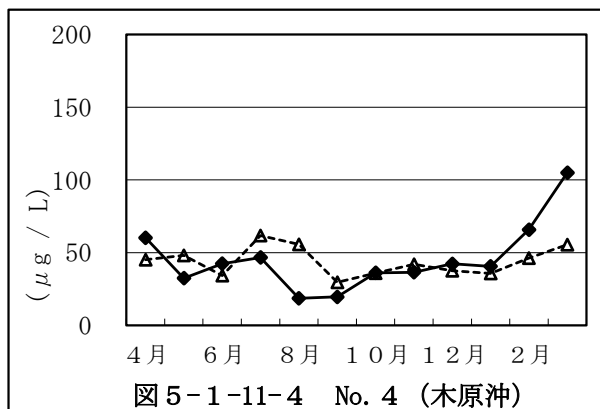
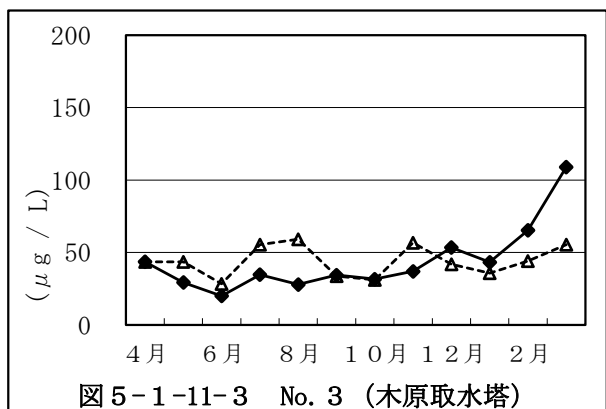
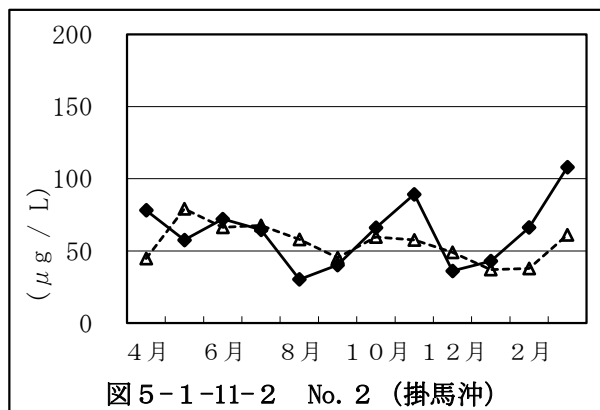
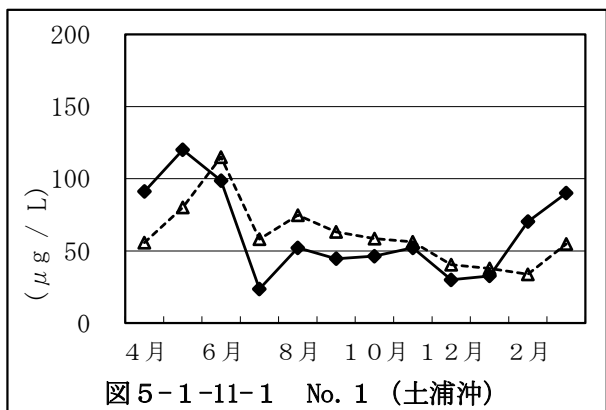


注) 定量下限値(0.01 mg/L)未満は、0 mg/Lで表示

注) 12月は採水日が強風状態であったため、懸濁物の影響を受ける項目が高い値で検出されている。

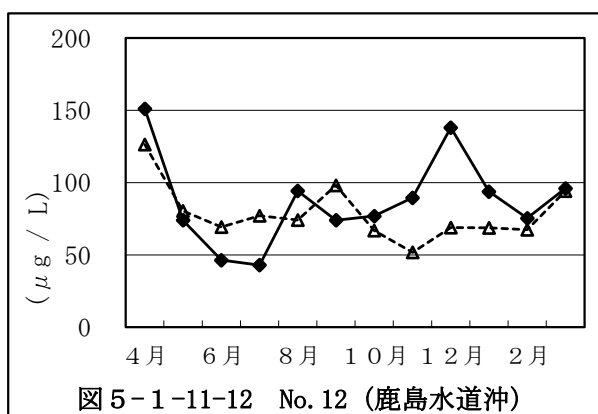
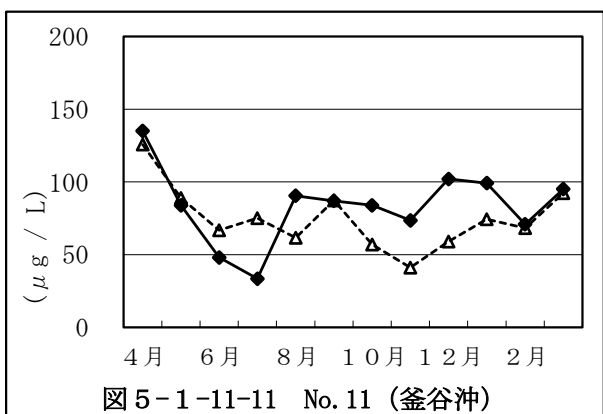
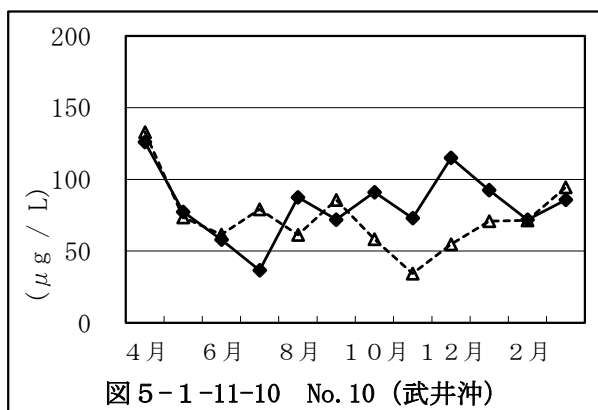
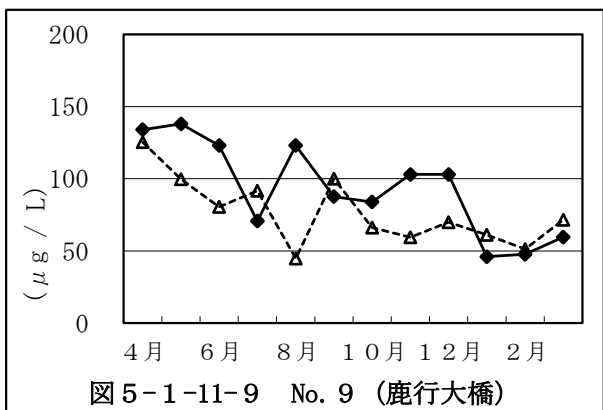
5.1.11 クロロフィルa経月変化 (西浦)

実線：R3年度、点線：過去3年間平均

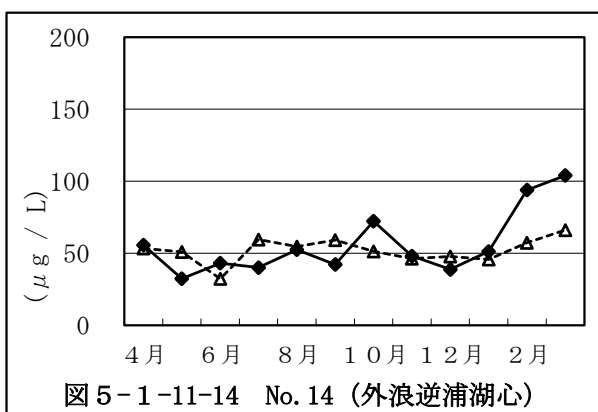
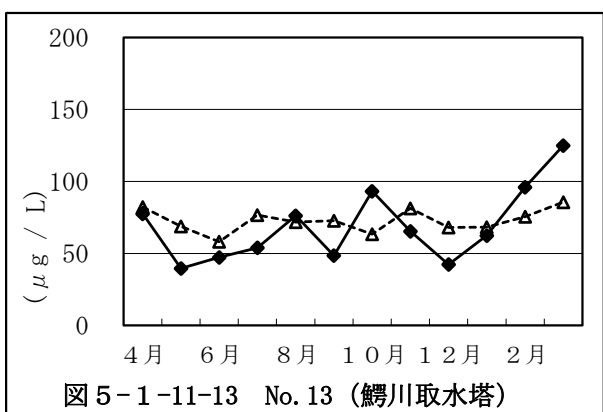


クロロフィルa経月変化 (北浦)

実線：R3年度、点線：過去3年間平均

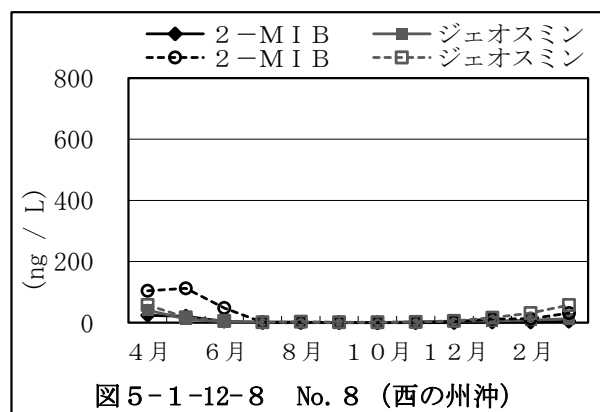
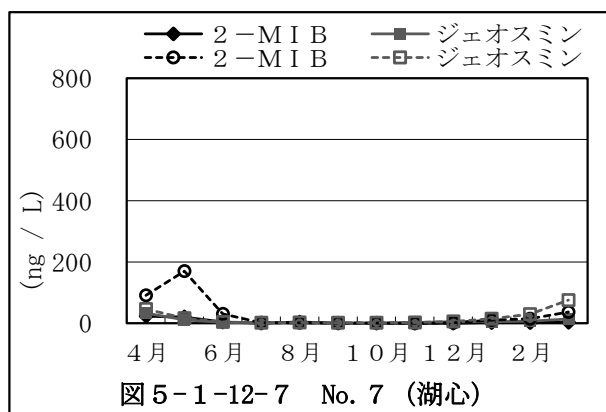
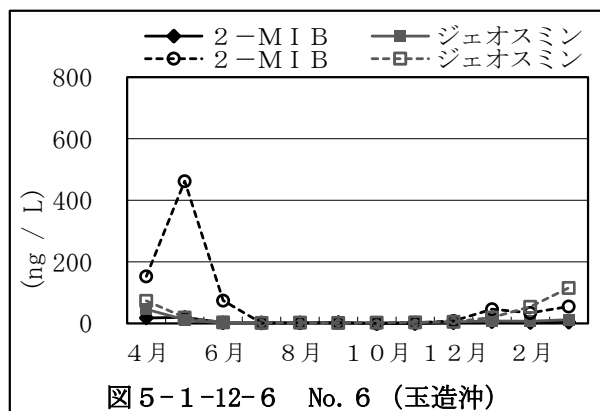
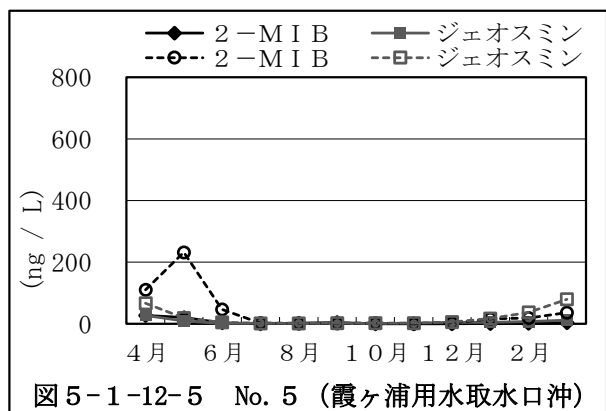
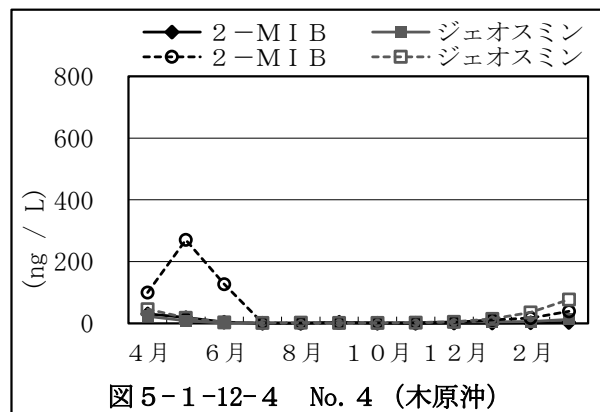
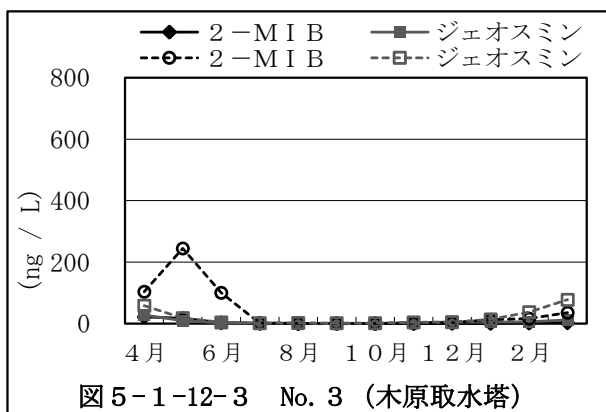
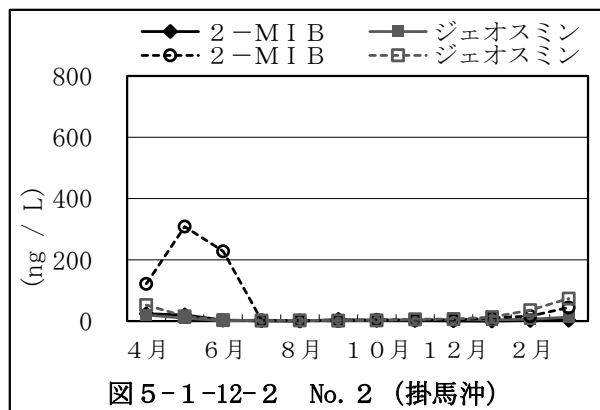
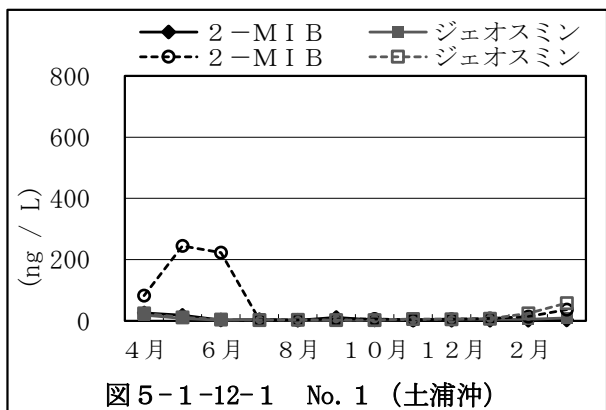


クロロフィルa経月変化 (鰯川、外浪逆浦)

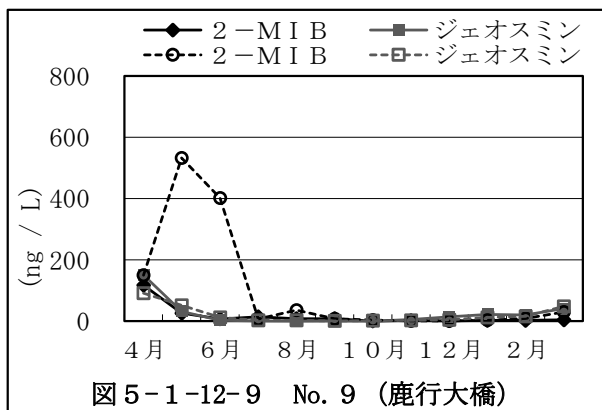


5.1.12 異臭味原因物質経月変化 (西浦)

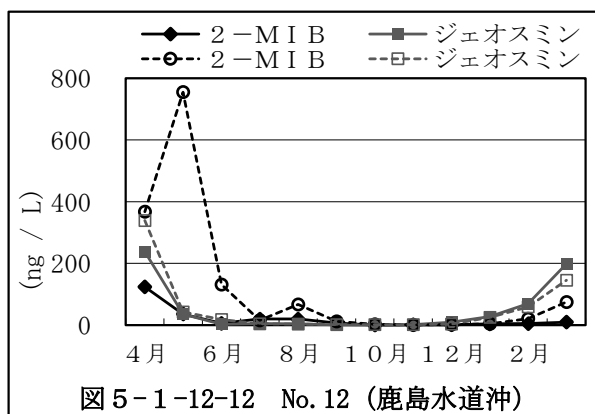
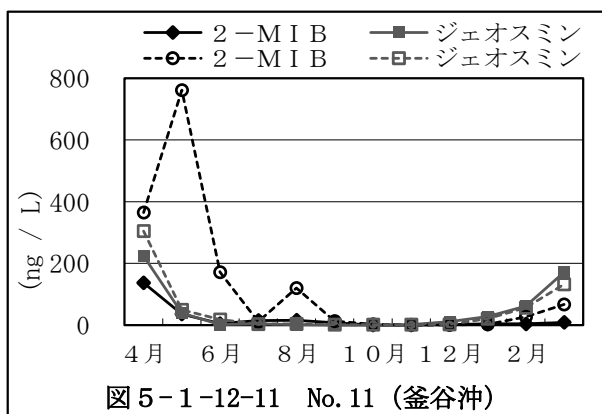
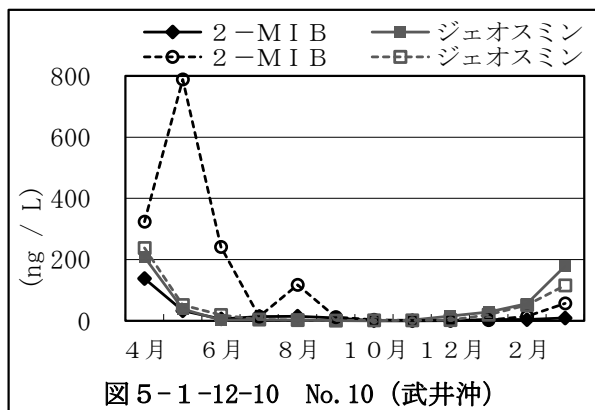
実線：R3年度、点線：過去3年間平均



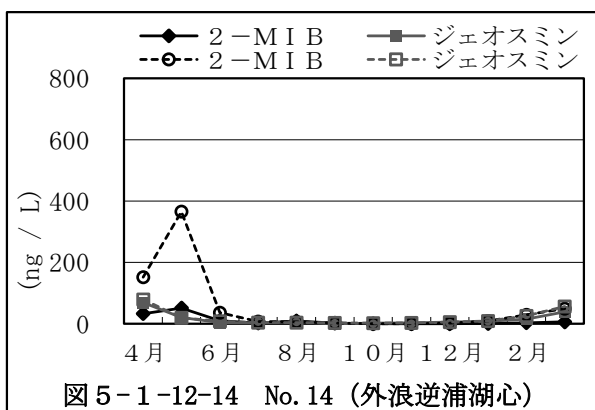
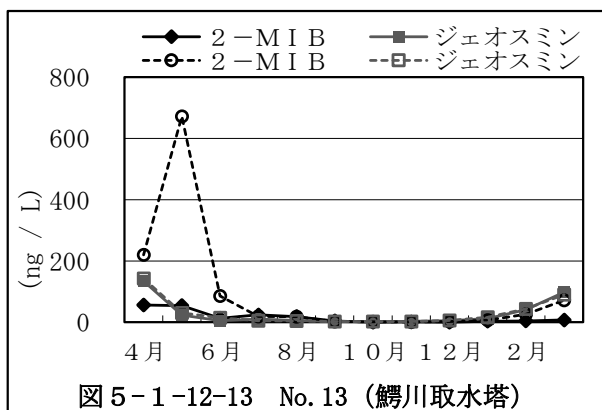
異臭味原因物質経月変化（北浦）



実線：R3年度、点線：過去3年間平均



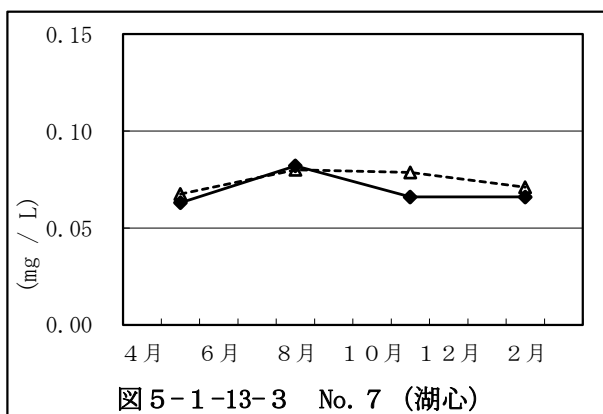
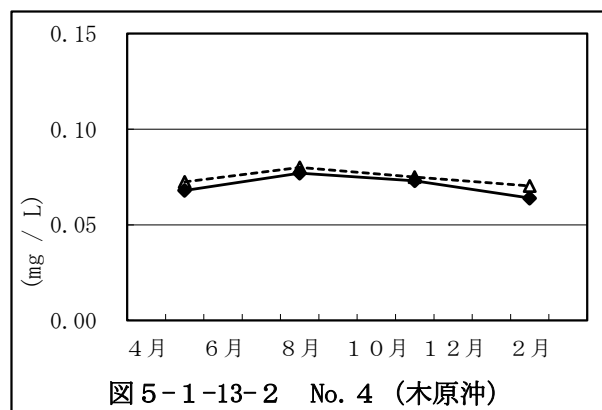
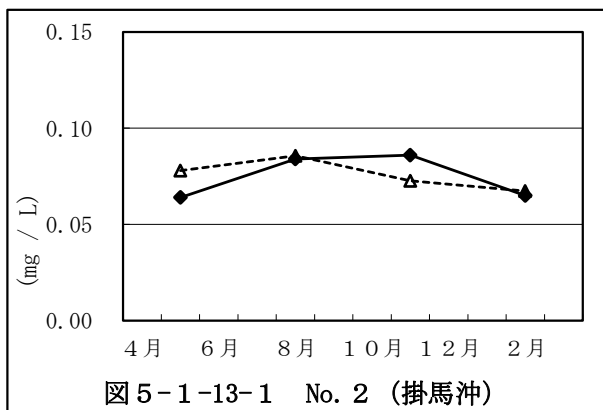
異臭味原因物質経月変化（鰐川、外浪逆浦）



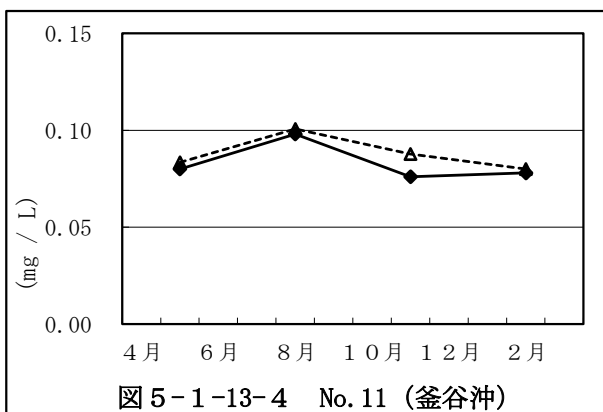
注) 定量下限値(1 ng/L)未満は、0 ng/Lで表示



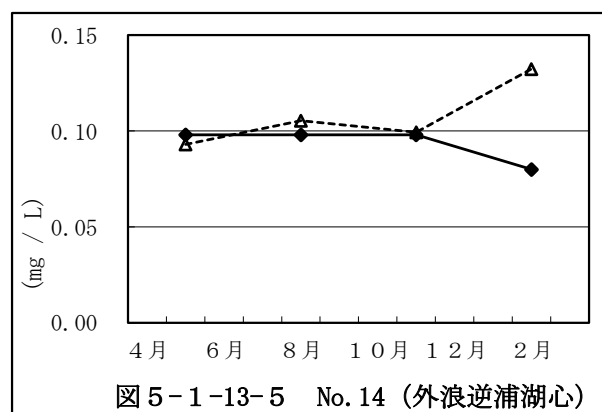
5.1.13 総トリハロメタン生成能 (THMFP) 経月変化 (西浦) 実線: R3年度、点線: 過去3年間平均



(北浦)



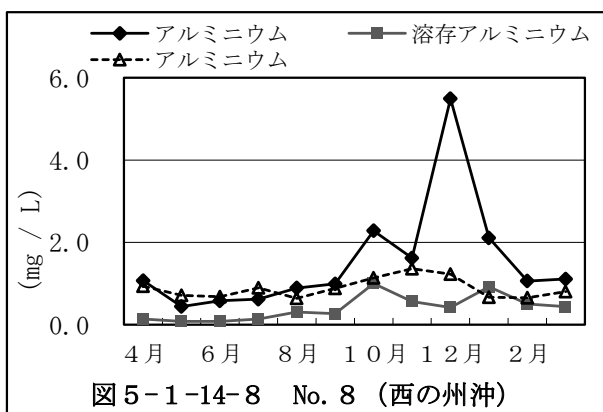
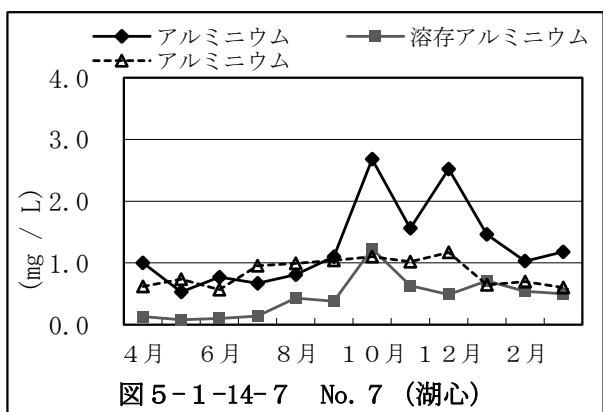
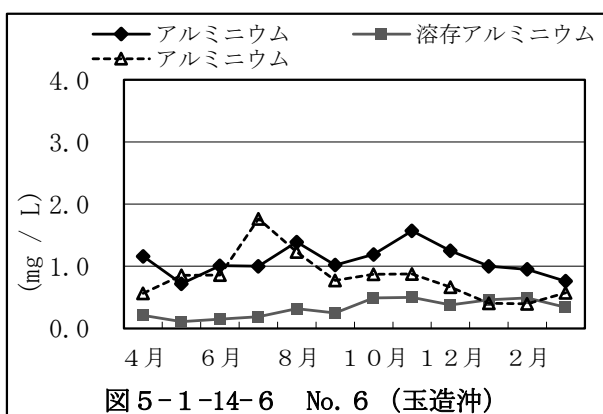
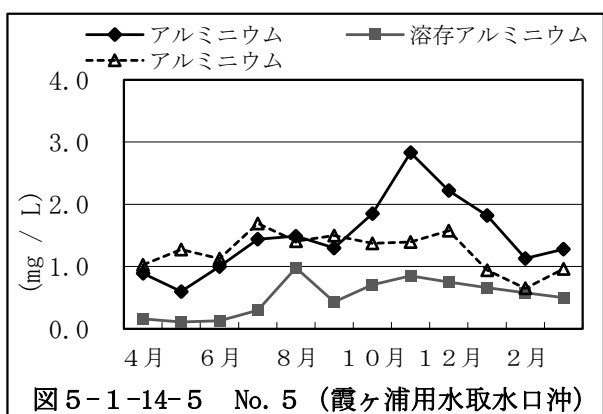
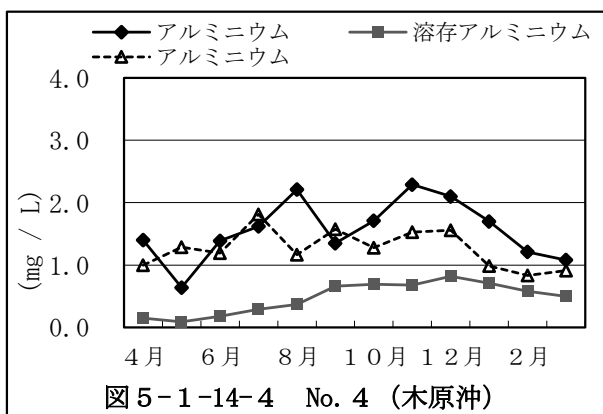
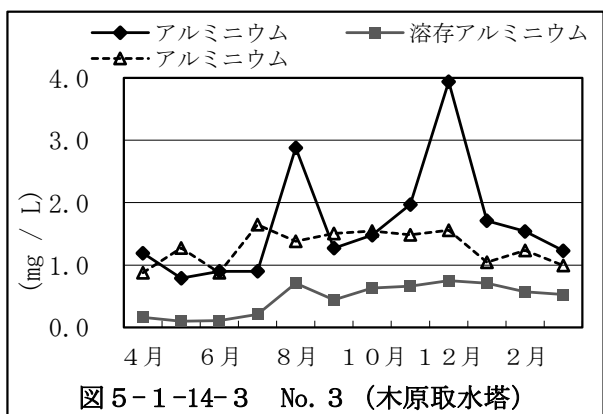
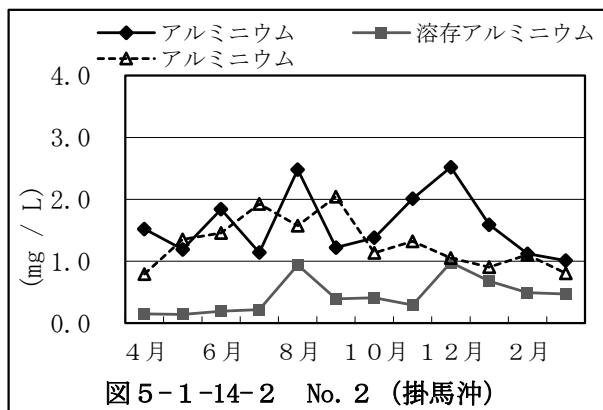
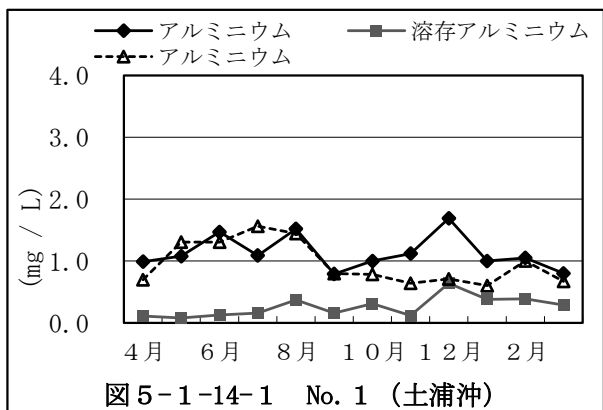
(外浪逆浦)



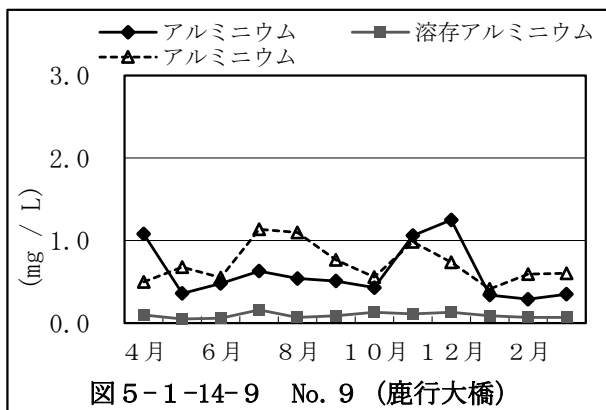


5.1.14 アルミニウム経月変化 (西浦)

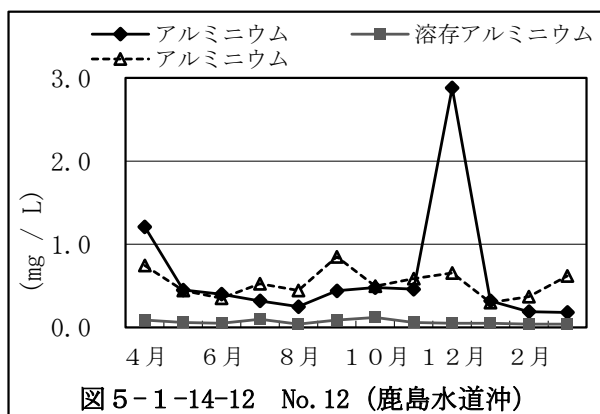
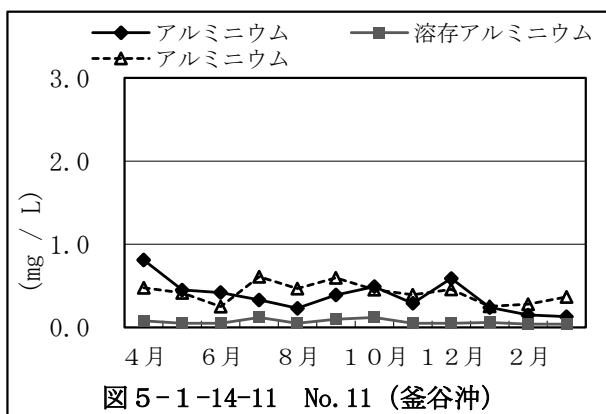
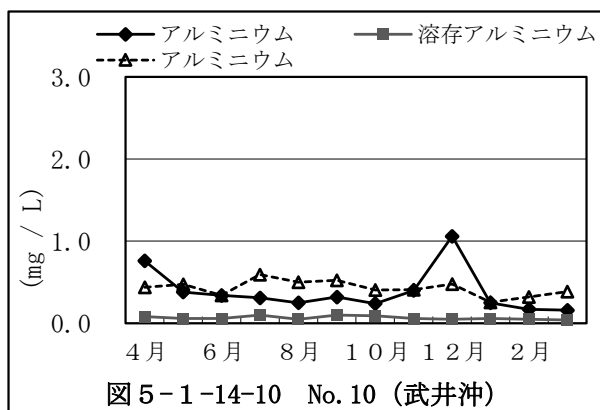
実線：R3年度、点線：過去3年間平均



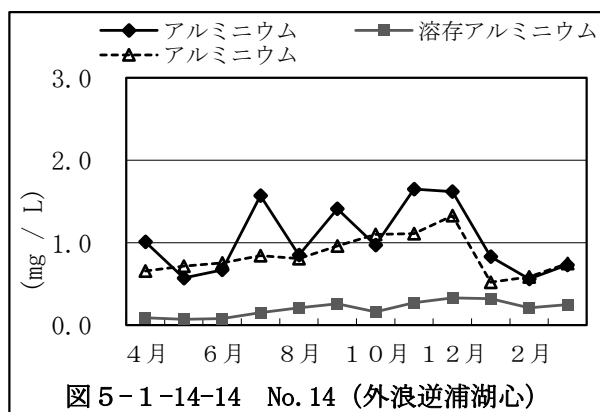
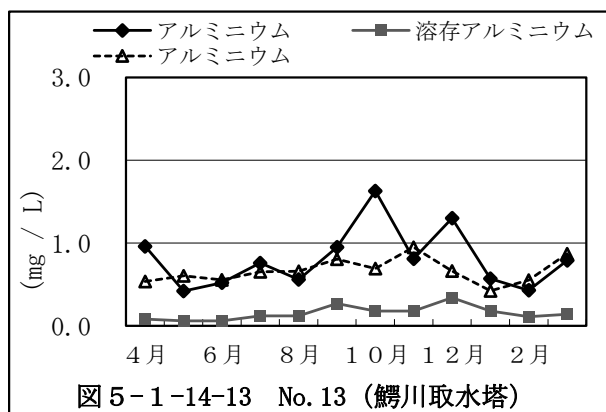
アルミニウム経月変化（北浦）



実線：R3年度、点線：過去3年間平均



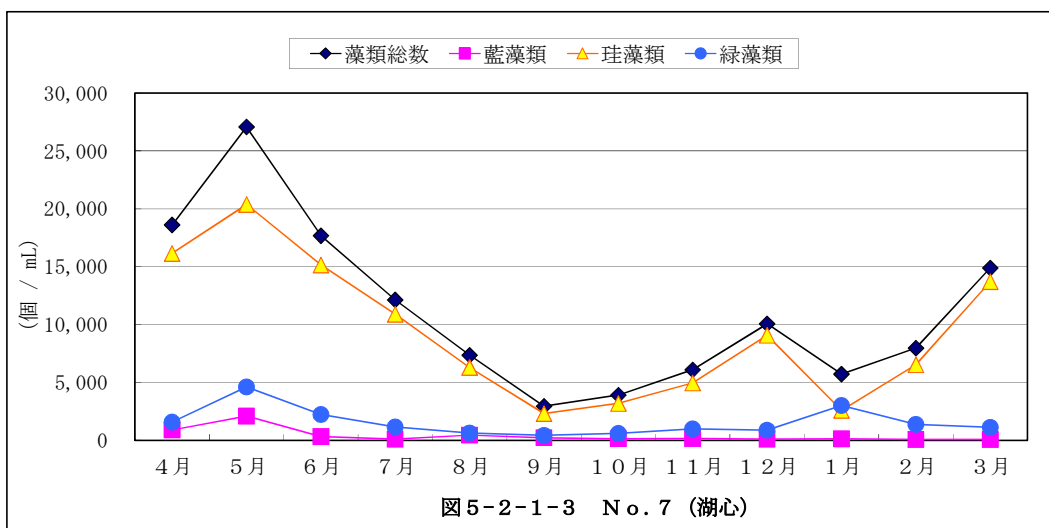
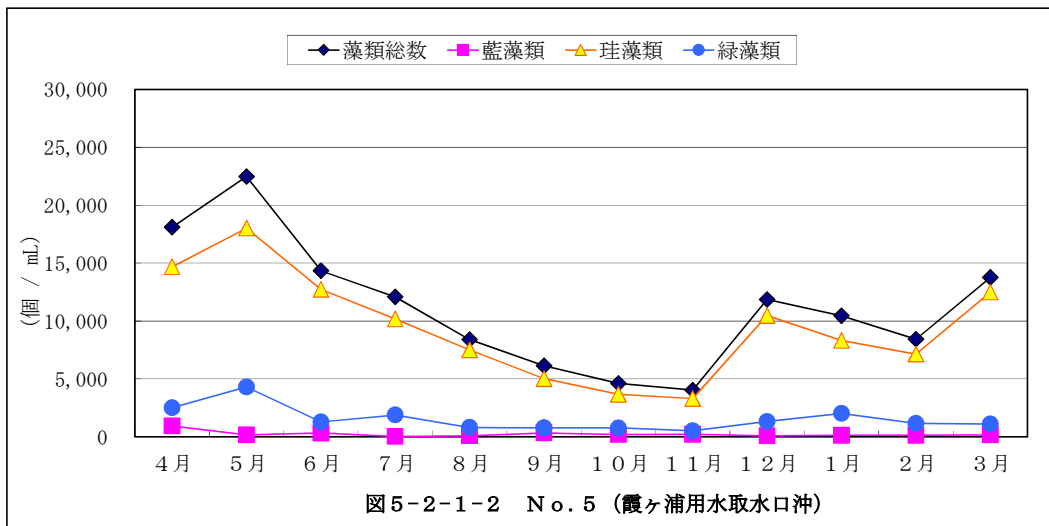
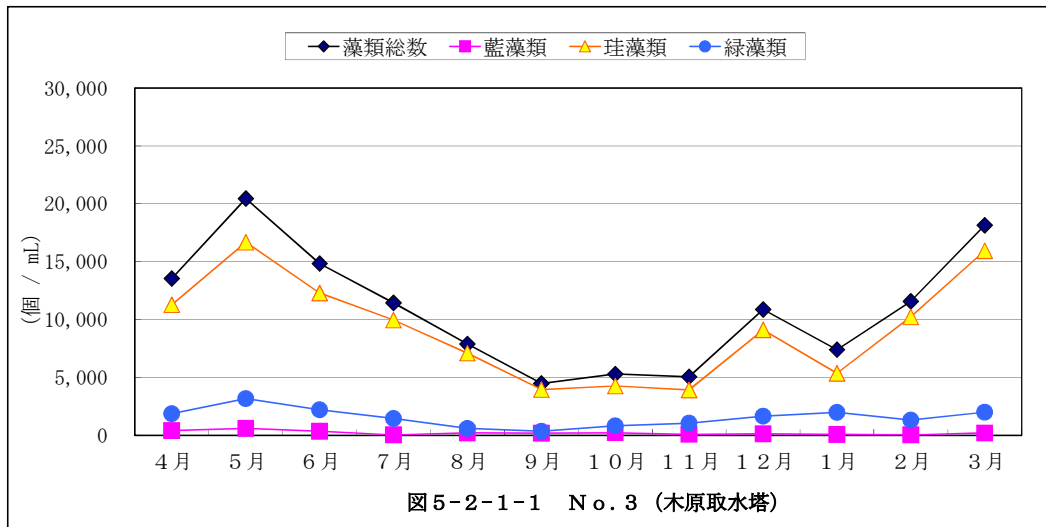
アルミニウム経月変化（鰐川、外浪逆浦）



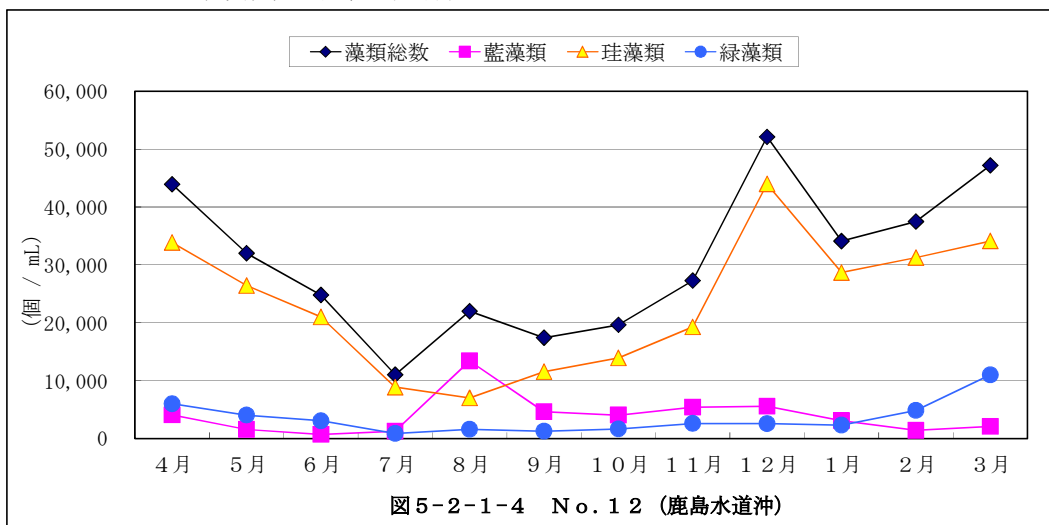
注) 12月は採水日が強風状態であったため、懸濁物の影響を受ける項目が高い値で検出されている。

## 5. 2 地点別藻類経月変化

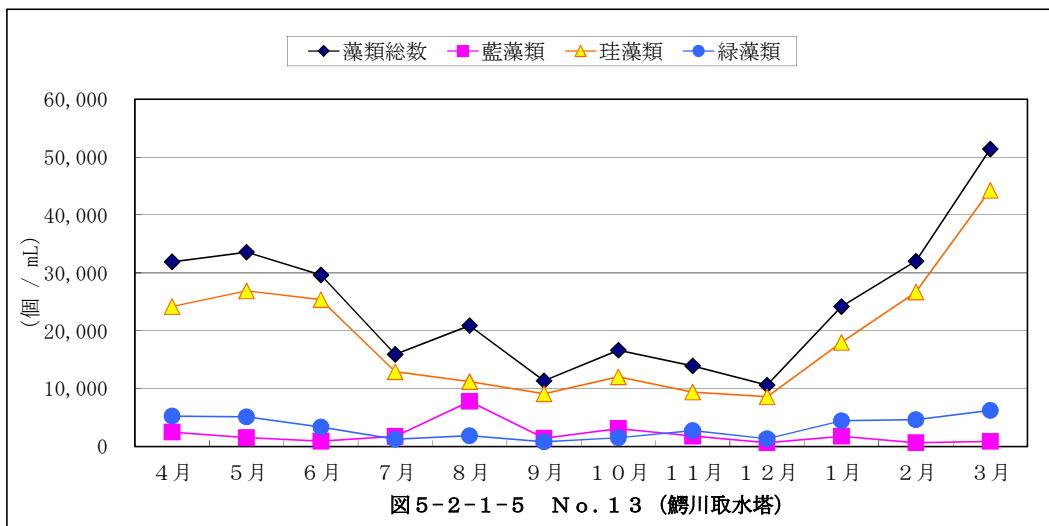
### 5. 2. 1 藻類数経月変化 (西浦)



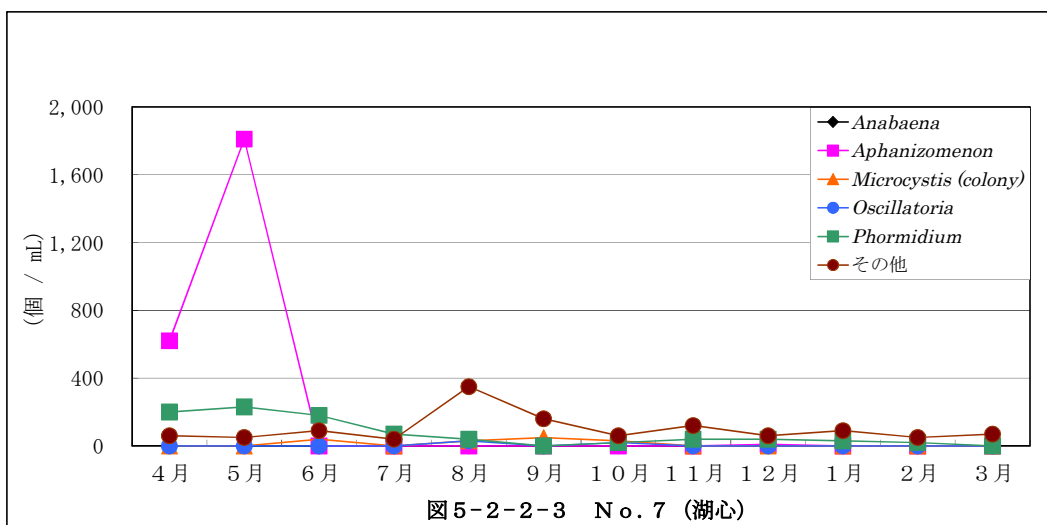
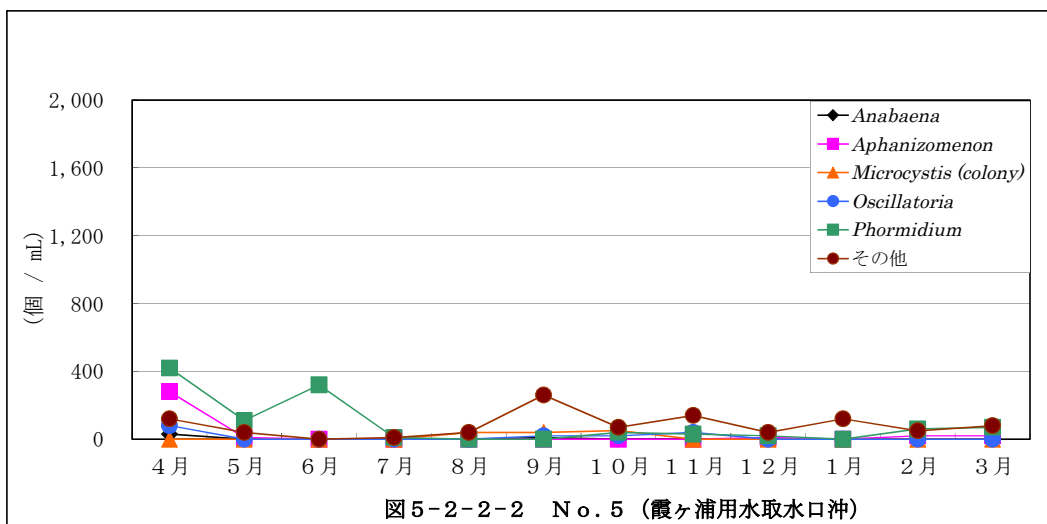
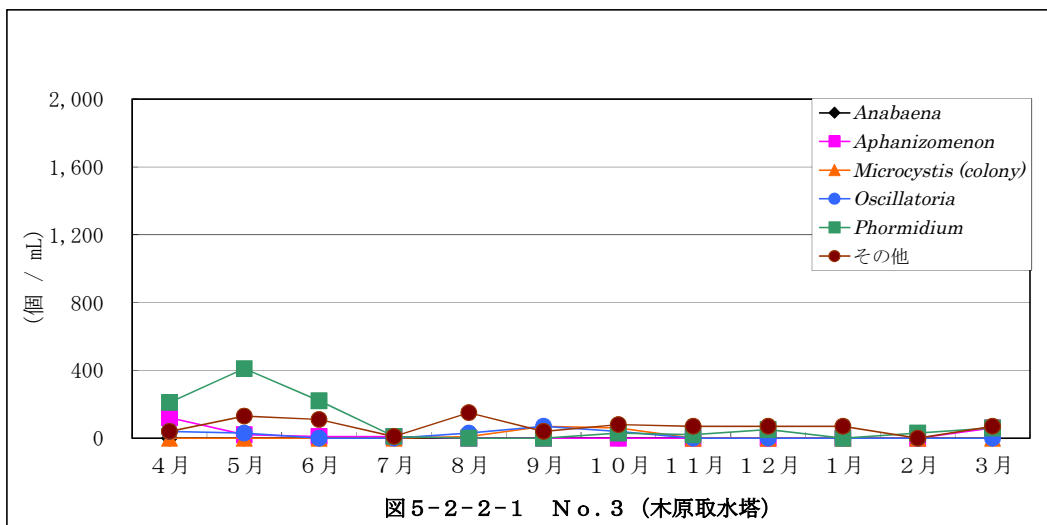
藻類数経月変化（北浦）



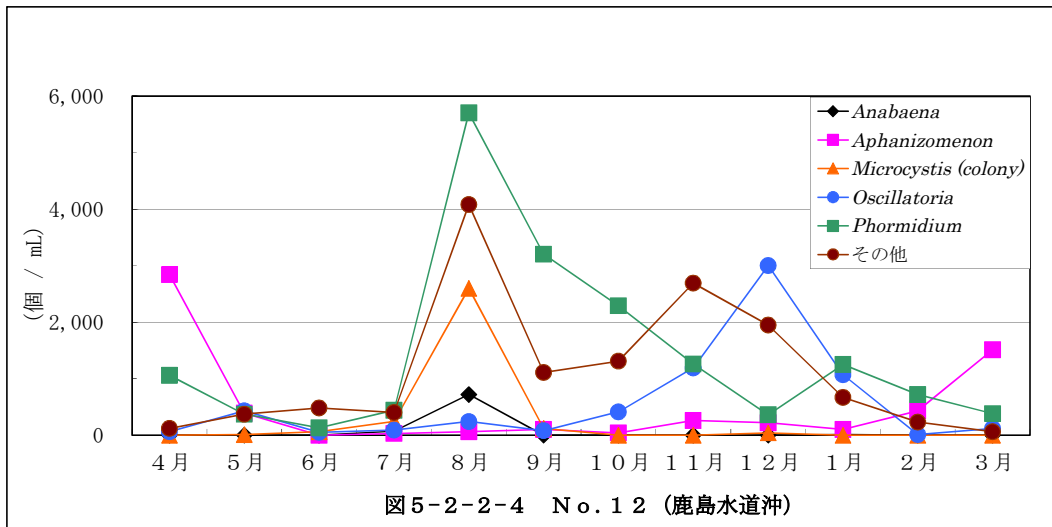
藻類数経月変化（鰐川）



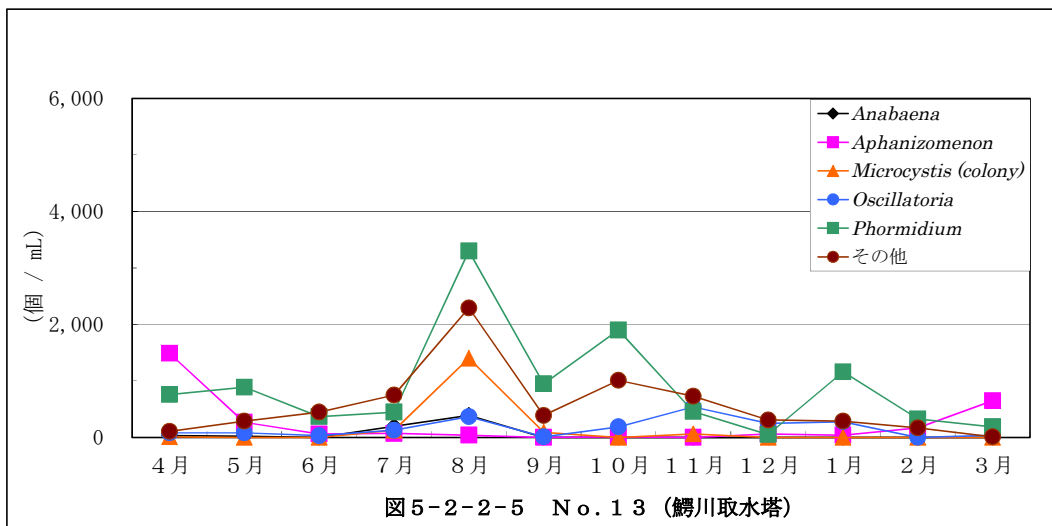
5. 2. 2 藍藻類経月変化 (西浦)



藍藻類経月変化（北浦）



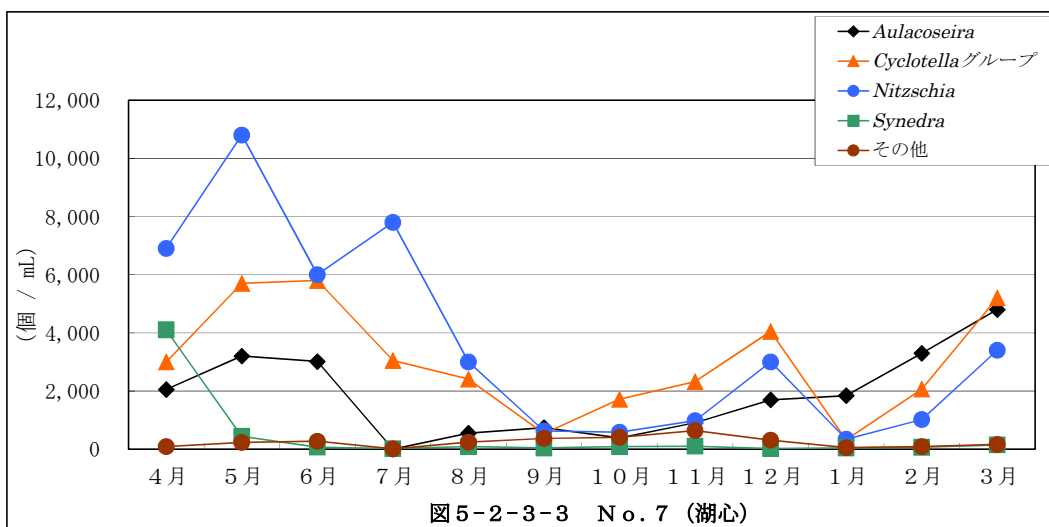
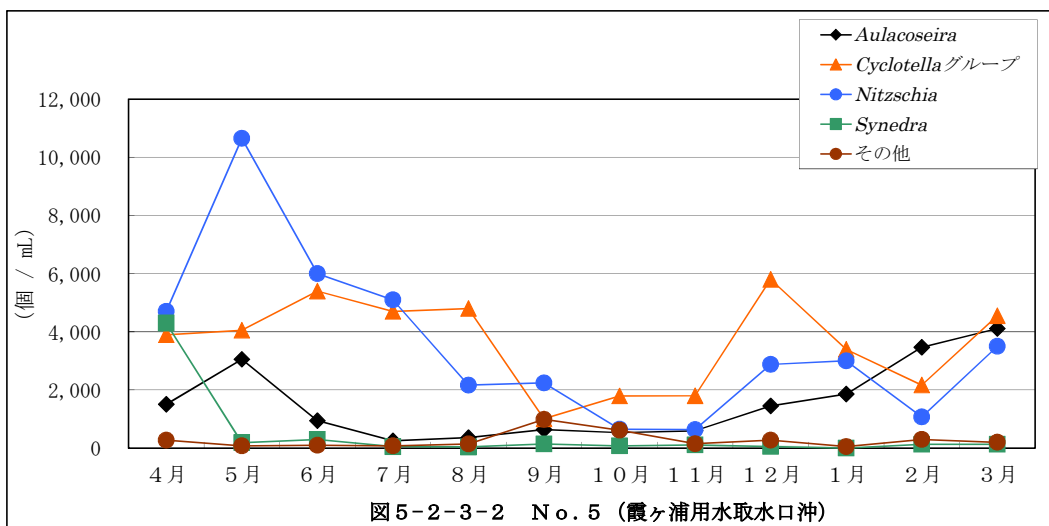
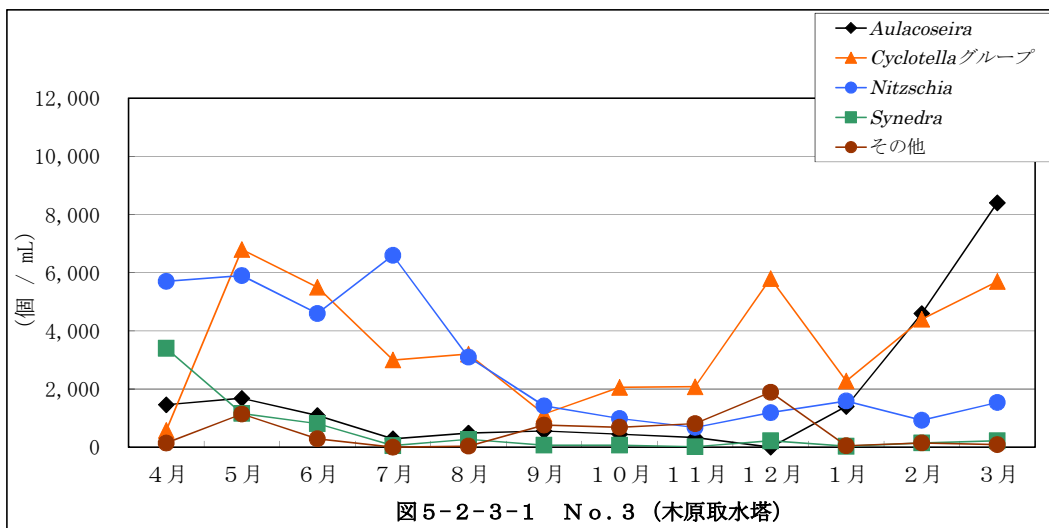
藍藻類経月変化（鰐川）



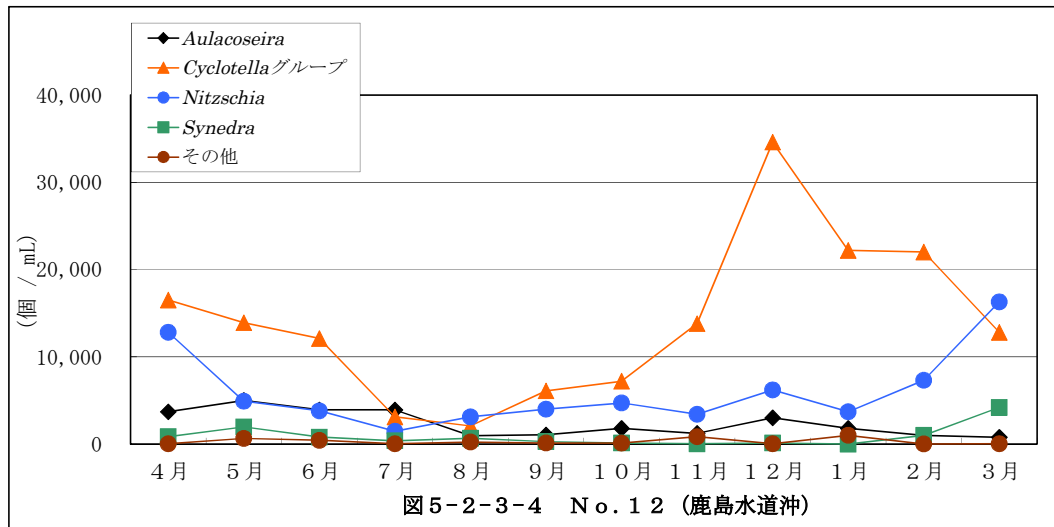
注1) その他はAnabaena、Aphanizomenon、Microcystis(colony)、Oscillatoria、Phormidiumを除く全ての藍藻類を示す。



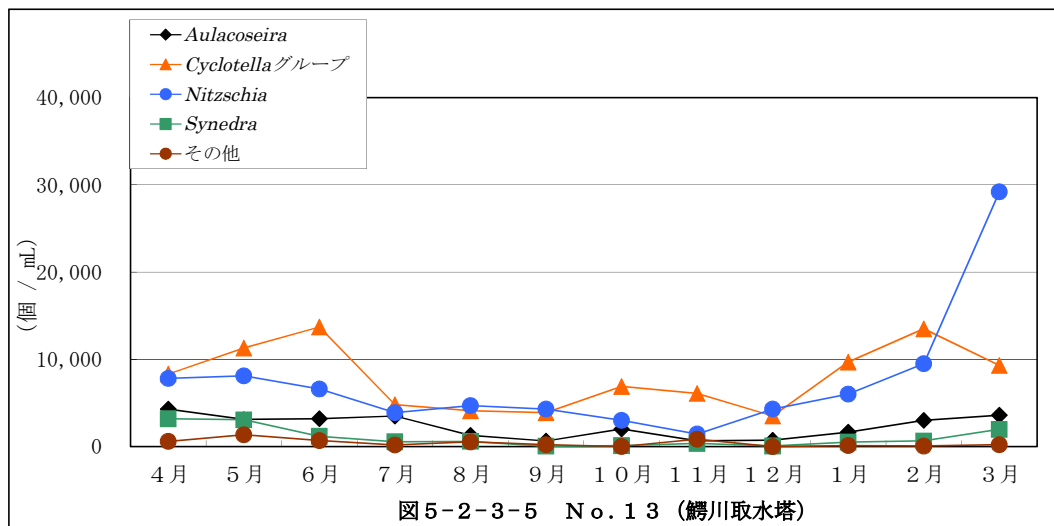
5. 2. 3 珪藻類経月変化 (西浦)



珪藻類経月変化（北浦）

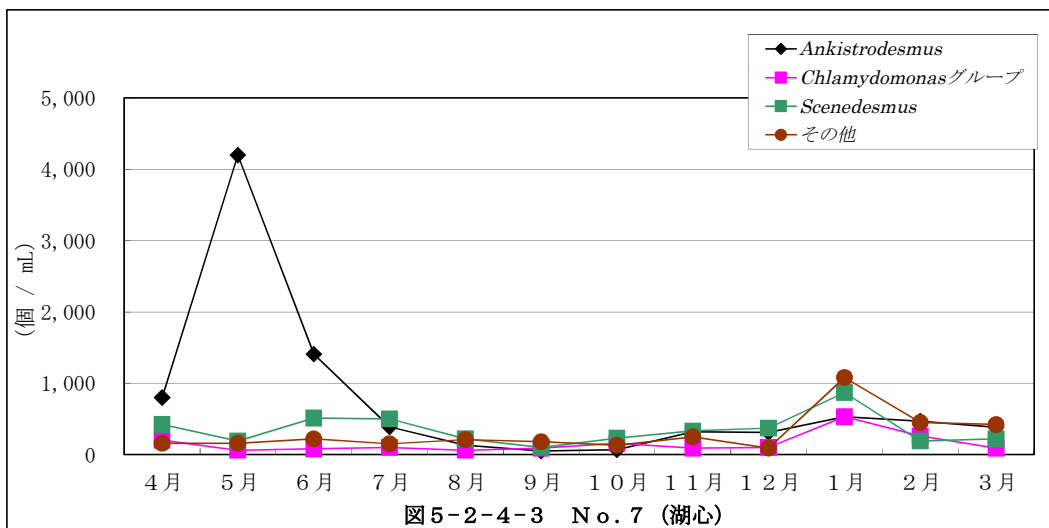
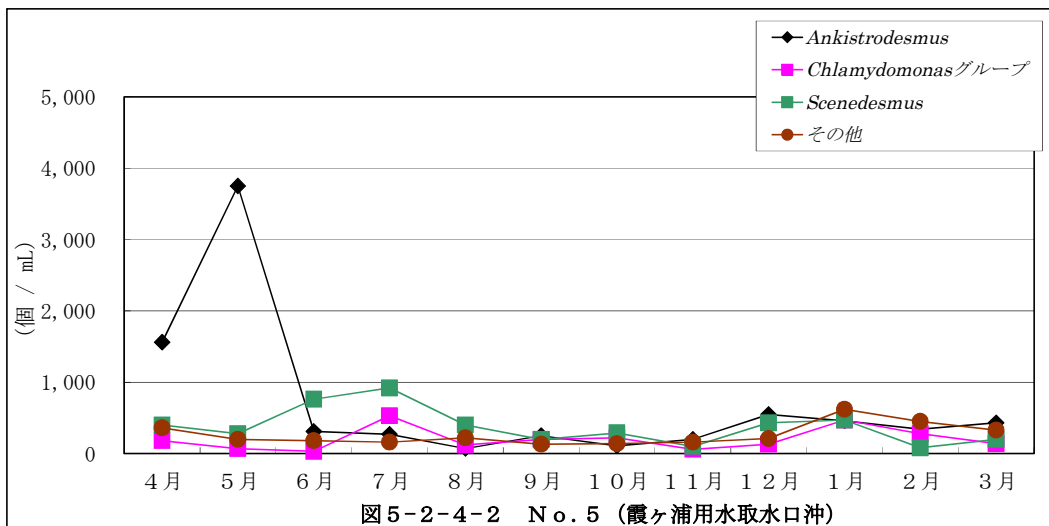
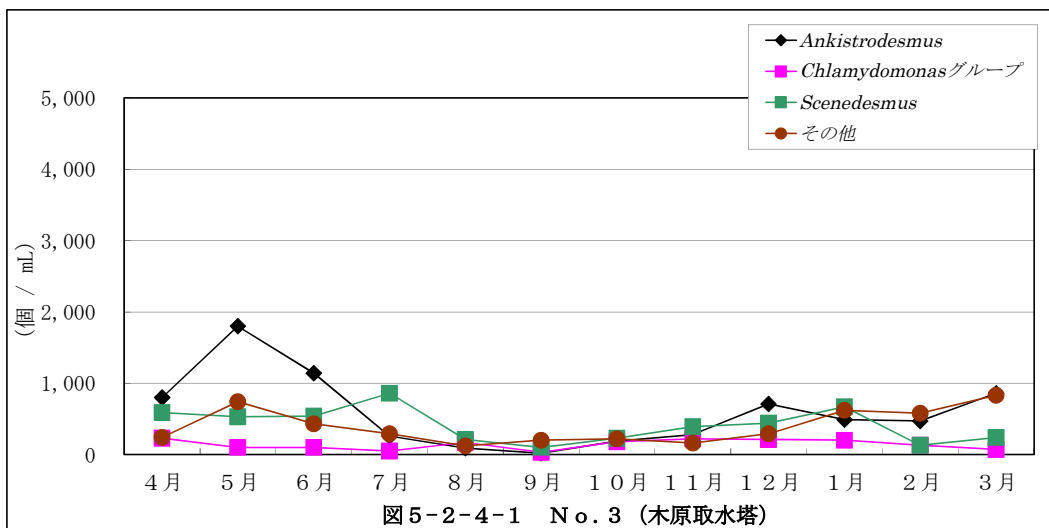


珪藻類経月変化（鰐川）

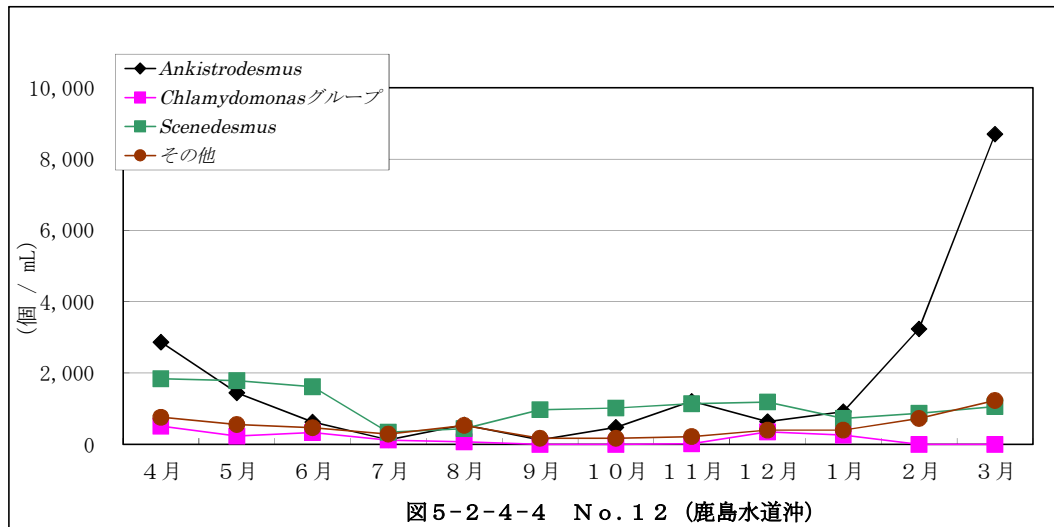


注1) その他はAulacoseira、Cyclotellaグループ、Nitzschia、Synedraを除く全ての珪藻類を示す

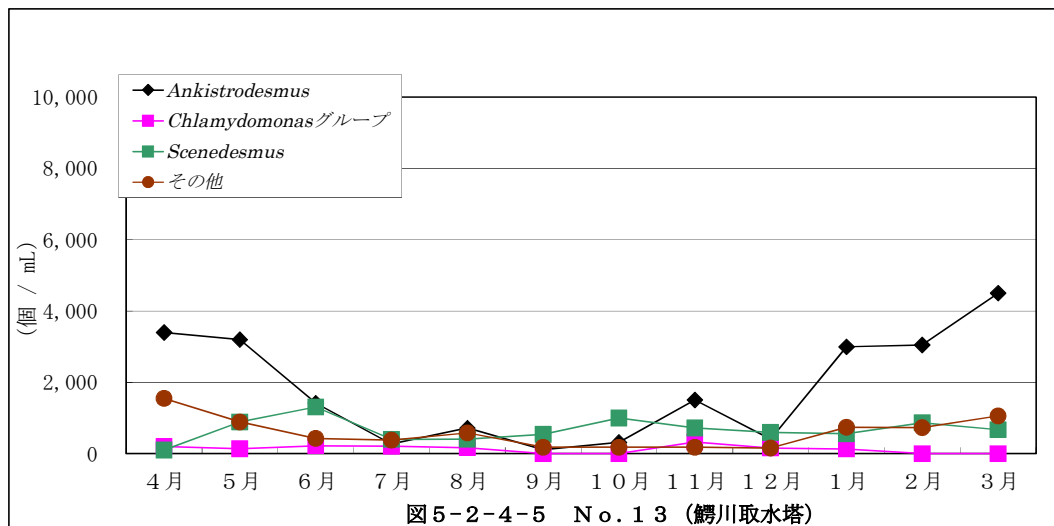
5. 2. 4 緑藻類経月変化 (西浦)



緑藻類経月変化（北浦）



緑藻類経月変化（鱒川）



注1) その他はAnkistrodesmus、Chlamydomonasグループ、Scenedesmusを除く全ての緑藻類を示す