

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121623\  
 Data File : VU056944.D  
 Acq On : 16 Dec 2023 22:31  
 Operator : MD/SY  
 Sample : 05811-02  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F7B33

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.1

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR121123WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU056944.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 1.467       | 48            | 55          | 66           | rBV      | 1646562        | 1652752       | 100.00%         | 15.244%       |
| 2         | 1.515       | 66            | 70          | 77           | rVB      | 22446          | 24036         | 1.45%           | 0.222%        |
| 3         | 1.595       | 87            | 95          | 109          | rVB      | 111470         | 137797        | 8.34%           | 1.271%        |
| 4         | 1.682       | 116           | 122         | 132          | rBV      | 14913          | 19893         | 1.20%           | 0.183%        |
| 5         | 1.907       | 185           | 192         | 206          | rVB      | 81770          | 113243        | 6.85%           | 1.044%        |
| 6         | 2.563       | 382           | 396         | 409          | rBV      | 166189         | 277973        | 16.82%          | 2.564%        |
| 7         | 2.634       | 409           | 418         | 439          | rVB      | 27482          | 61198         | 3.70%           | 0.564%        |
| 8         | 4.621       | 1020          | 1036        | 1068         | rBV      | 124930         | 355585        | 21.51%          | 3.280%        |
| 9         | 5.055       | 1155          | 1171        | 1194         | rBV      | 173413         | 389264        | 23.55%          | 3.590%        |
| 10        | 5.721       | 1356          | 1378        | 1414         | rBV2     | 313319         | 854816        | 51.72%          | 7.884%        |
| 11        | 6.245       | 1527          | 1541        | 1562         | rBV      | 239401         | 465599        | 28.17%          | 4.294%        |
| 12        | 6.685       | 1663          | 1678        | 1701         | rBV      | 203195         | 411029        | 24.87%          | 3.791%        |
| 13        | 7.560       | 1939          | 1950        | 1969         | rBV      | 91522          | 168020        | 10.17%          | 1.550%        |
| 14        | 7.894       | 2035          | 2054        | 2069         | rBV      | 331386         | 608227        | 36.80%          | 5.610%        |
| 15        | 7.965       | 2070          | 2076        | 2092         | rVB      | 25986          | 48218         | 2.92%           | 0.445%        |
| 16        | 8.177       | 2131          | 2142        | 2156         | rBV2     | 56514          | 101275        | 6.13%           | 0.934%        |
| 17        | 8.550       | 2247          | 2258        | 2270         | rVB3     | 23391          | 40359         | 2.44%           | 0.372%        |
| 18        | 8.631       | 2270          | 2283        | 2317         | rBV2     | 466509         | 924465        | 55.93%          | 8.527%        |
| 19        | 9.280       | 2472          | 2485        | 2511         | rBV      | 234943         | 414355        | 25.07%          | 3.822%        |
| 20        | 9.412       | 2514          | 2526        | 2563         | rVB      | 341294         | 619467        | 37.48%          | 5.714%        |
| 21        | 9.708       | 2610          | 2618        | 2628         | rVB10    | 8419           | 18794         | 1.14%           | 0.173%        |
| 22        | 10.026      | 2704          | 2717        | 2728         | rBV6     | 13034          | 29898         | 1.81%           | 0.276%        |
| 23        | 10.360      | 2809          | 2821        | 2840         | rVB6     | 9107           | 23368         | 1.41%           | 0.216%        |
| 24        | 10.749      | 2931          | 2942        | 2954         | rBV      | 151496         | 245884        | 14.88%          | 2.268%        |
| 25        | 10.891      | 2977          | 2986        | 2995         | rBV3     | 11771          | 17681         | 1.07%           | 0.163%        |
| 26        | 11.042      | 3026          | 3033        | 3044         | rVB3     | 12549          | 21474         | 1.30%           | 0.198%        |
| 27        | 11.299      | 3099          | 3113        | 3128         | rVB7     | 15448          | 28354         | 1.72%           | 0.262%        |
| 28        | 11.573      | 3189          | 3198        | 3212         | rBV2     | 19659          | 39547         | 2.39%           | 0.365%        |
| 29        | 11.807      | 3259          | 3271        | 3297         | rBV      | 346994         | 582808        | 35.26%          | 5.376%        |
| 30        | 12.052      | 3332          | 3347        | 3377         | rBV      | 734811         | 1446095       | 87.50%          | 13.338%       |
| 31        | 12.187      | 3379          | 3389        | 3410         | rVB      | 394567         | 700417        | 42.38%          | 6.460%        |

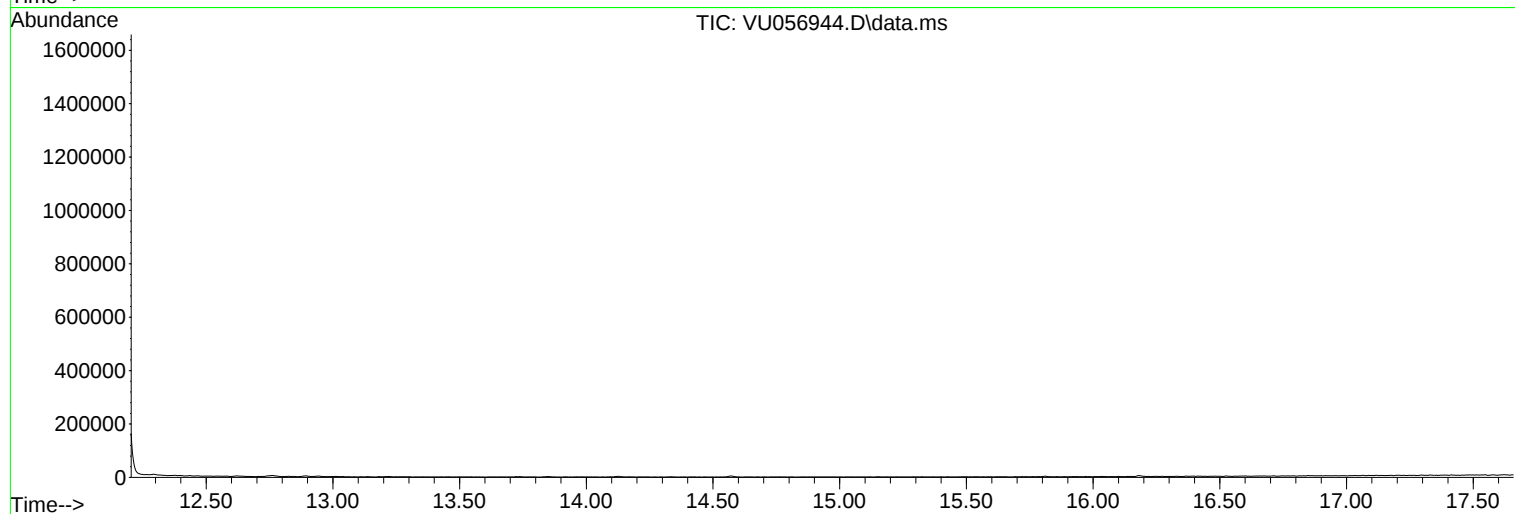
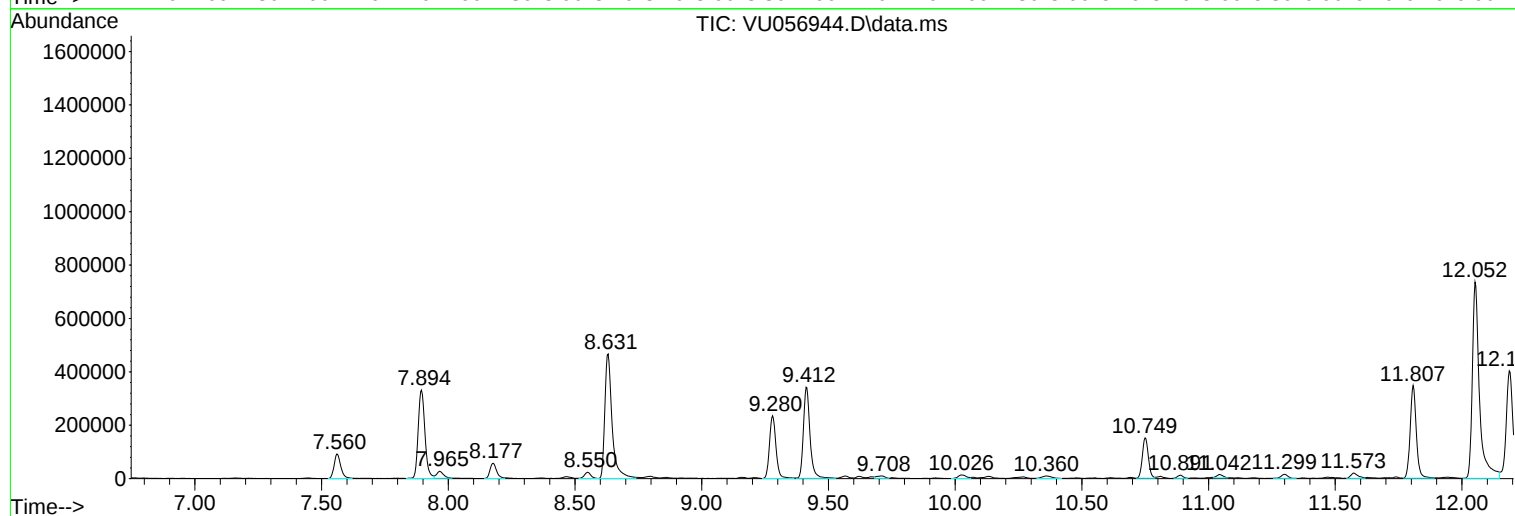
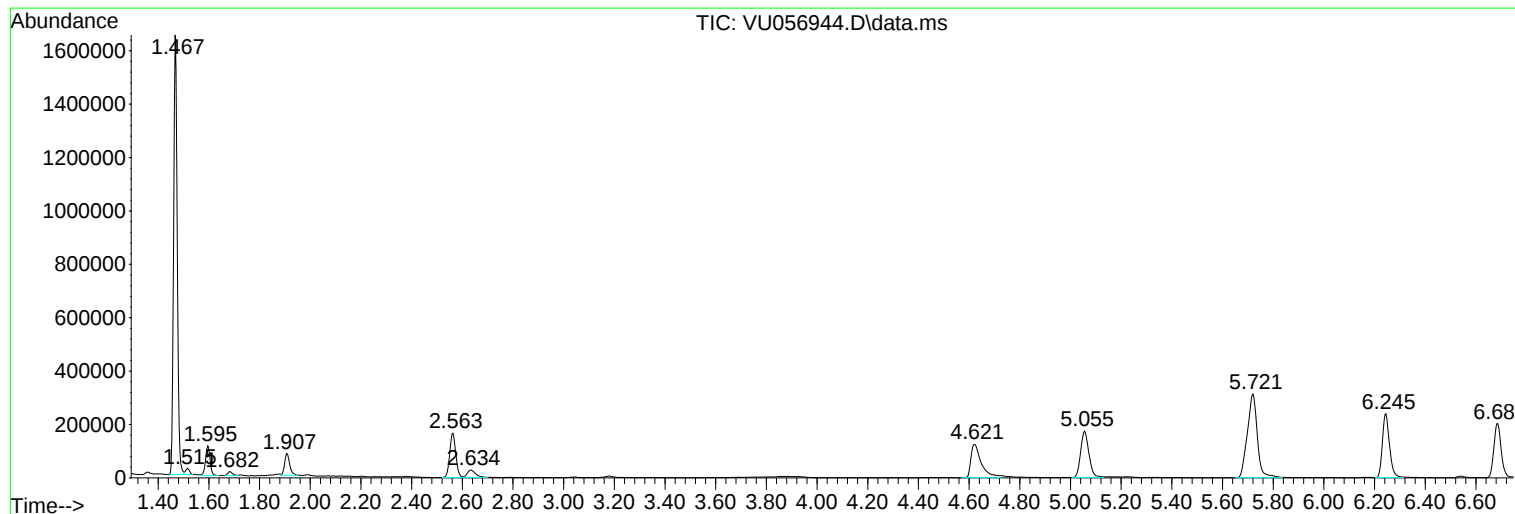
Sum of corrected areas: 10841891

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Instrument :  
MSVOA\_U  
ClientSampleId :  
F7B33

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR121123WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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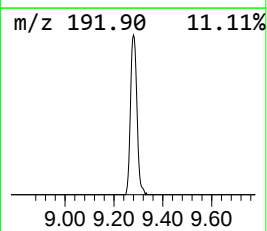
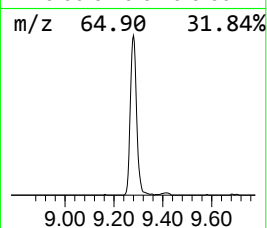
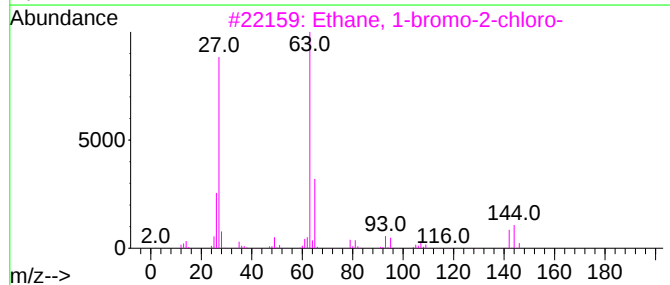
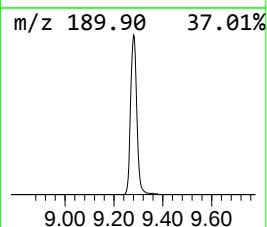
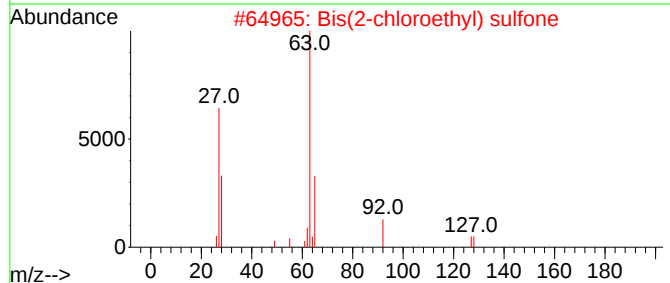
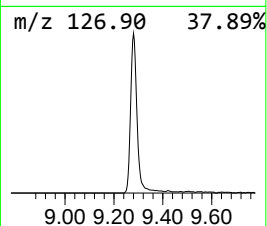
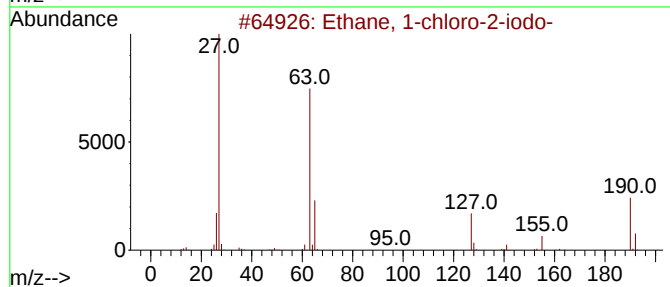
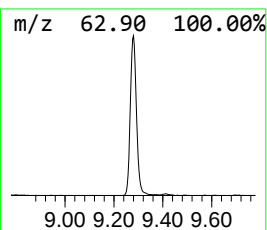
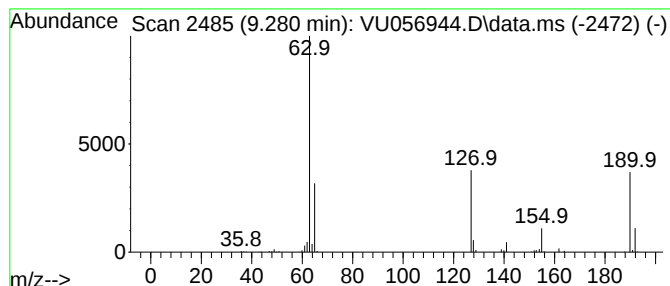
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR121123WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Ethane, 1-chloro-2-iodo- Concentration Rank 2

| R.T.  | EstConc   | Area   | Relative to ISTD | R.T.  |
|-------|-----------|--------|------------------|-------|
| 9.280 | 3.34 ug/L | 414355 | Chlorobenzene-d5 | 9.412 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm    | CAS#        | Qual |
|------|----|---|----------------------------|-----|------------|-------------|------|
| 1    |    |   | Ethane, 1-chloro-2-iodo-   | 190 | C2H4ClI    | 000624-70-4 | 91   |
| 2    |    |   | Bis(2-chloroethyl) sulfone | 190 | C4H8Cl2O2S | 000471-03-4 | 40   |
| 3    |    |   | Ethane, 1-bromo-2-chloro-  | 142 | C2H4BrCl   | 000107-04-0 | 39   |
| 4    |    |   | Ethane, 1-bromo-2-chloro-  | 142 | C2H4BrCl   | 000107-04-0 | 39   |
| 5    |    |   | Bis(2-chloroethyl) sulfone | 190 | C4H8Cl2O2S | 000471-03-4 | 39   |



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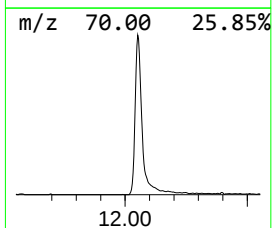
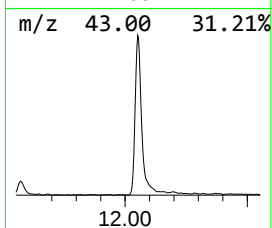
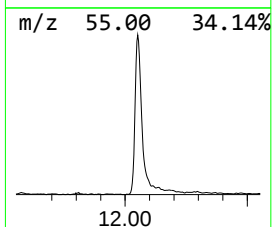
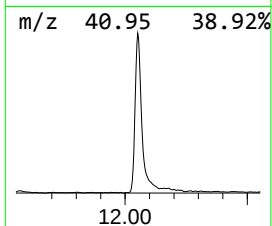
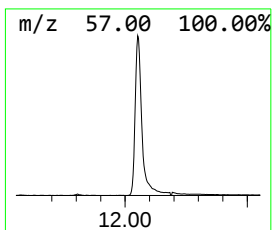
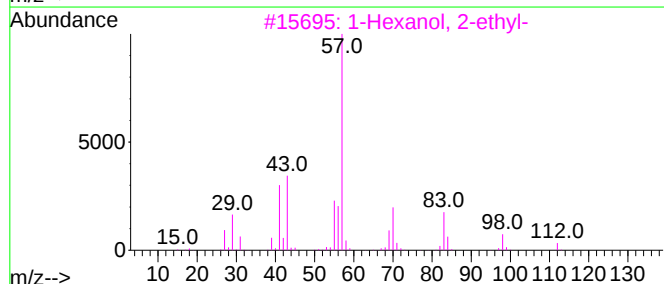
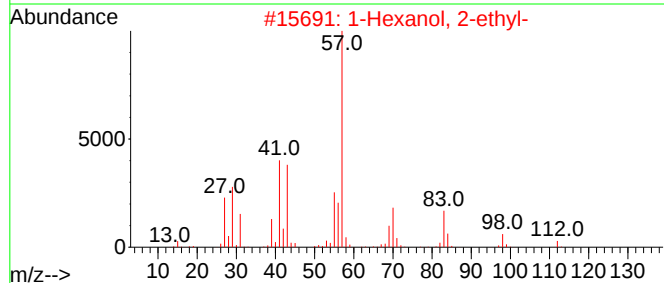
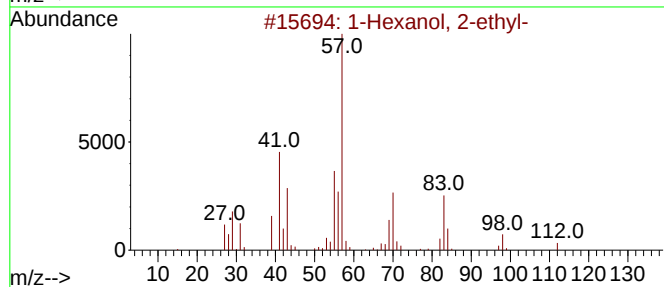
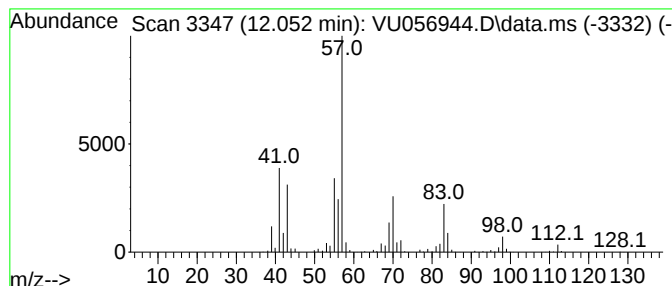
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Quant Title : TRACE VOA SFAM1.0

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TIC Integration Parameters: LSCINT.P

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Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 1

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 12.052 | 12.41 ug/L | 1446100 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# | of                  | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|---------------------|---|--------------|-----|---------|-------------|------|
| 1    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 90   |
| 2    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 83   |
| 3    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 83   |
| 4    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 83   |
| 5    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 72   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Ethane, 1-chlor... | 9.280  | 3.3     | ug/L  | 414355   | 2                     | 9.412  | 619467 | 5.0  |
| 1-Hexanol, 2-et... | 12.052 | 12.4    | ug/L  | 1446100  | 3                     | 11.807 | 582808 | 5.0  |