

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU122122\  
 Data File : VU052472.D  
 Acq On : 21 Dec 2022 12:02  
 Operator : JC/MD  
 Sample : N6156-05  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 23CC01-22

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\SFAMUTR122022WMA.M  
 Title : TRACE VOA SFAM1.0

Signal : TIC: VU052472.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         | 1.530       | 52            | 59          | 61           | rBV3     | 8647           | 10846         | 1.04%           | 0.151%        |
| 2         | 1.600       | 74            | 81          | 100          | rVB      | 109474         | 138067        | 13.25%          | 1.928%        |
| 3         | 1.916       | 171           | 179         | 193          | rVB      | 89111          | 120646        | 11.58%          | 1.685%        |
| 4         | 2.568       | 363           | 382         | 398          | rBV      | 170790         | 296265        | 28.44%          | 4.137%        |
| 5         | 2.678       | 398           | 416         | 443          | rVV2     | 9663           | 44923         | 4.31%           | 0.627%        |
| 6         | 3.044       | 521           | 530         | 540          | rBV2     | 8297           | 16120         | 1.55%           | 0.225%        |
| 7         | 3.182       | 559           | 573         | 590          | rVB2     | 17239          | 39536         | 3.80%           | 0.552%        |
| 8         | 4.649       | 1008          | 1029        | 1091         | rBV2     | 137093         | 625073        | 60.01%          | 8.729%        |
| 9         | 5.060       | 1140          | 1157        | 1189         | rBV      | 142499         | 331582        | 31.83%          | 4.631%        |
| 10        | 5.722       | 1337          | 1363        | 1390         | rBV2     | 284112         | 766384        | 73.57%          | 10.703%       |
| 11        | 6.247       | 1511          | 1526        | 1546         | rBV      | 191296         | 365240        | 35.06%          | 5.101%        |
| 12        | 6.687       | 1650          | 1663        | 1683         | rVB      | 188915         | 368423        | 35.37%          | 5.145%        |
| 13        | 7.156       | 1795          | 1809        | 1823         | rBV4     | 10786          | 23649         | 2.27%           | 0.330%        |
| 14        | 7.562       | 1920          | 1935        | 1956         | rBV      | 82967          | 149470        | 14.35%          | 2.087%        |
| 15        | 7.709       | 1966          | 1981        | 1998         | rBV      | 113297         | 218391        | 20.97%          | 3.050%        |
| 16        | 7.896       | 2024          | 2039        | 2052         | rBV      | 320514         | 555784        | 53.36%          | 7.762%        |
| 17        | 7.967       | 2052          | 2061        | 2079         | rVB      | 49112          | 85118         | 8.17%           | 1.189%        |
| 18        | 8.176       | 2115          | 2126        | 2143         | rBV      | 55383          | 95277         | 9.15%           | 1.331%        |
| 19        | 8.472       | 2205          | 2218        | 2228         | rBV3     | 5724           | 10602         | 1.02%           | 0.148%        |
| 20        | 8.632       | 2255          | 2268        | 2291         | rBV2     | 514944         | 1041659       | 100.00%         | 14.547%       |
| 21        | 8.787       | 2307          | 2316        | 2333         | rVB3     | 17320          | 32933         | 3.16%           | 0.460%        |
| 22        | 9.414       | 2499          | 2511        | 2528         | rBV      | 272849         | 453737        | 43.56%          | 6.336%        |
| 23        | 9.594       | 2562          | 2567        | 2583         | rVV2     | 11372          | 18279         | 1.75%           | 0.255%        |
| 24        | 9.687       | 2586          | 2596        | 2611         | rVB4     | 18490          | 32582         | 3.13%           | 0.455%        |
| 25        | 10.098      | 2715          | 2724        | 2739         | rVB2     | 8794           | 14228         | 1.37%           | 0.199%        |
| 26        | 10.751      | 2909          | 2927        | 2948         | rBV      | 160260         | 257656        | 24.74%          | 3.598%        |
| 27        | 10.889      | 2958          | 2970        | 2984         | rVB5     | 7104           | 12240         | 1.18%           | 0.171%        |
| 28        | 11.809      | 3244          | 3256        | 3276         | rBV      | 237664         | 388686        | 37.31%          | 5.428%        |
| 29        | 12.057      | 3322          | 3333        | 3350         | rBV      | 76374          | 145751        | 13.99%          | 2.035%        |
| 30        | 12.188      | 3362          | 3374        | 3394         | rVB      | 302141         | 489809        | 47.02%          | 6.840%        |
| 31        | 12.886      | 3581          | 3591        | 3601         | rBV5     | 7375           | 11751         | 1.13%           | 0.164%        |

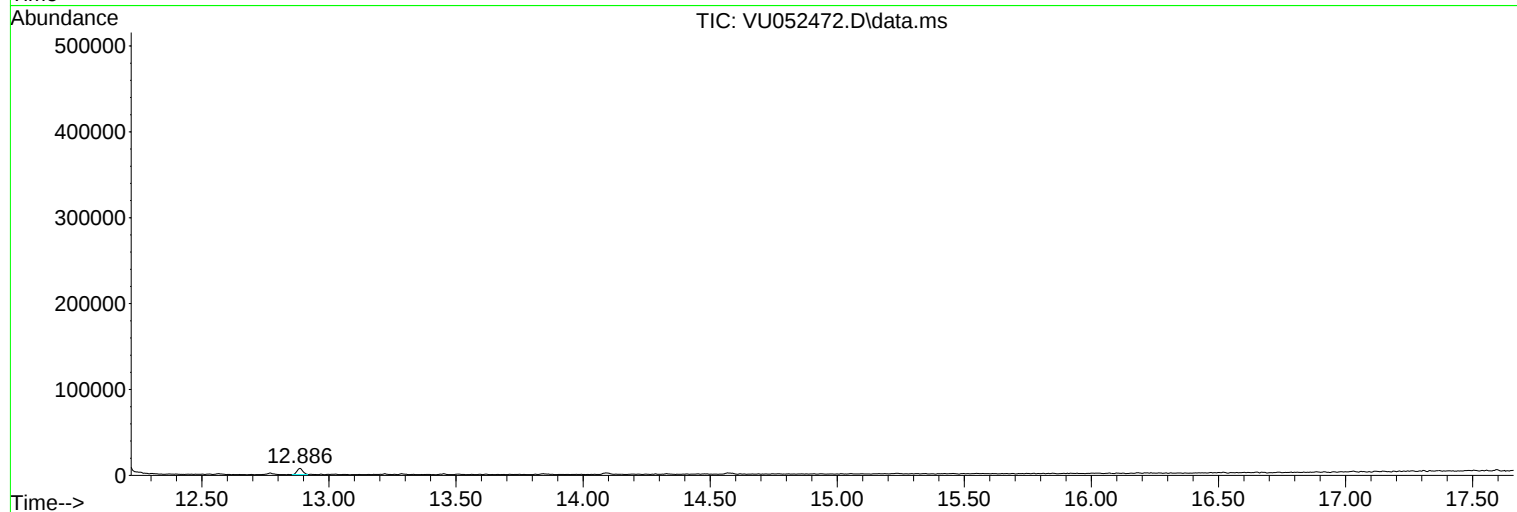
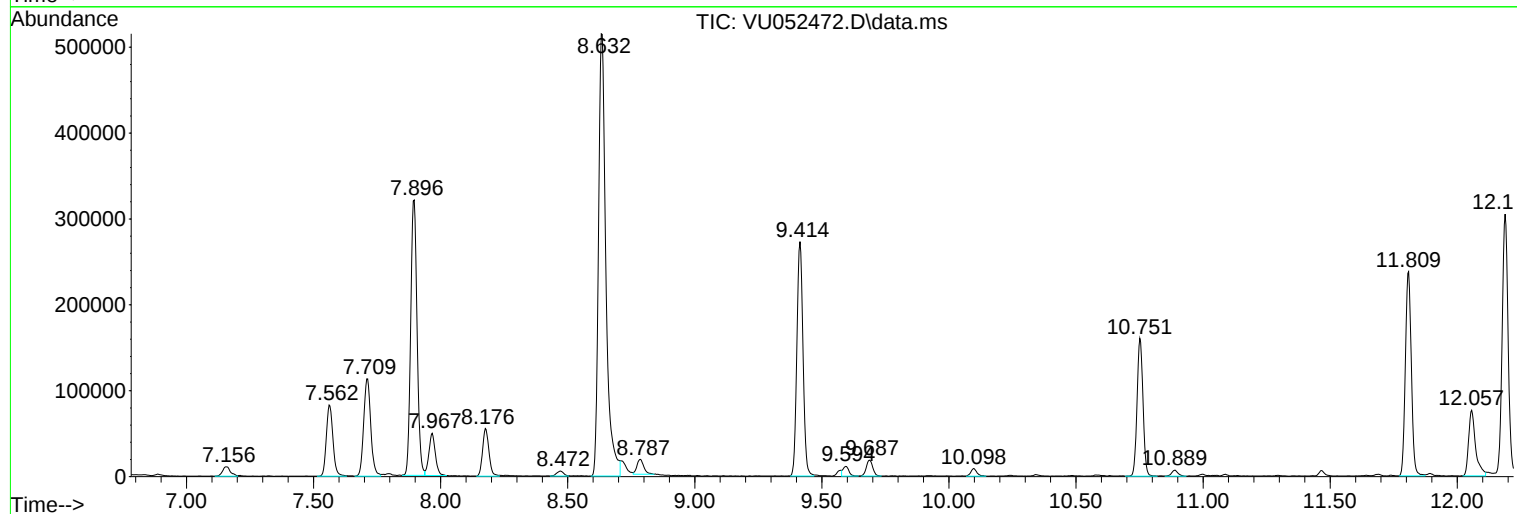
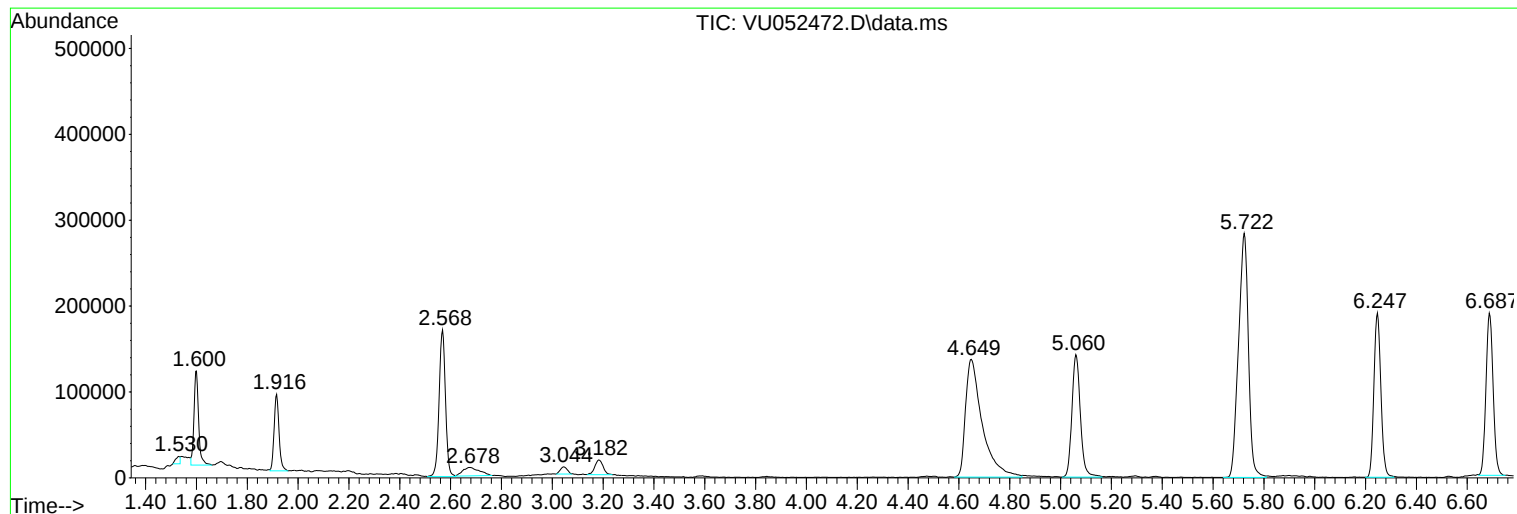
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Instrument :  
MSVOA\_U  
ClientSampleId :  
23CC01-22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR122022WMA.M  
Quant Title : TRACE VOA SFAM1.0

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



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Quant Title : TRACE VOA SFAM1.0

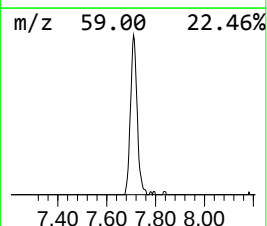
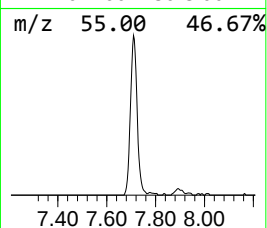
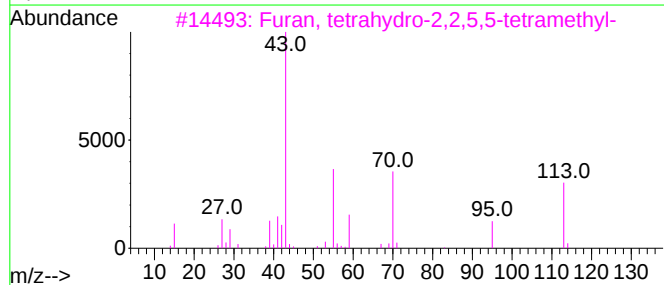
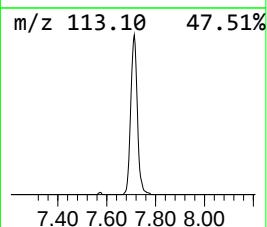
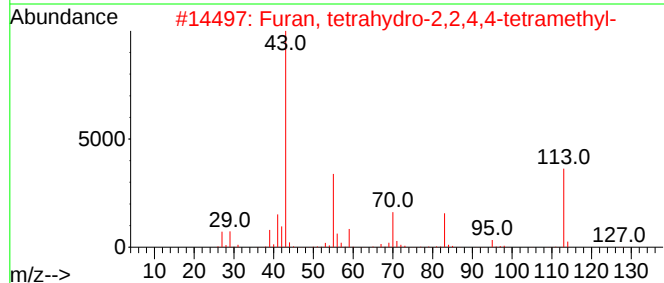
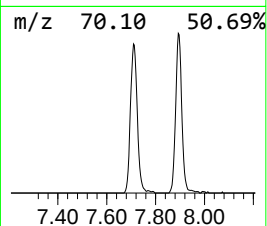
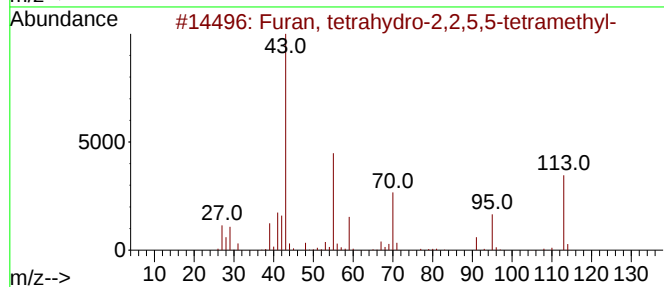
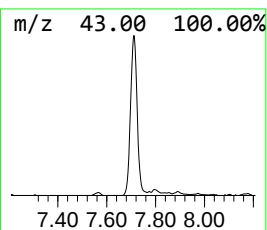
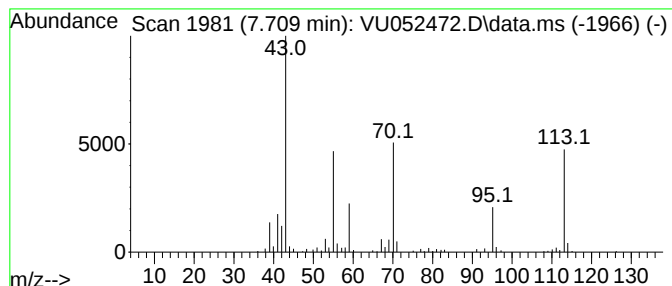
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Furan, tetrahydro-2,2,5,5-t... Concentration Rank 1

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 7.709 | 2.99 ug/L | 218391 | 1,4-Difluorobenzene | 6.247 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Furan, tetrahydro-2,2,5,5-tetram... | 128 | C8H16O  | 015045-43-9 | 72   |
| 2    |    |   | Furan, tetrahydro-2,2,4,4-tetram... | 128 | C8H16O  | 003358-28-9 | 53   |
| 3    |    |   | Furan, tetrahydro-2,2,5,5-tetram... | 128 | C8H16O  | 015045-43-9 | 53   |
| 4    |    |   | 4-Piperidinone, 1-methyl-           | 113 | C6H11NO | 001445-73-4 | 50   |
| 5    |    |   | 2,5-Hexanediol, 2,5-dimethyl-       | 146 | C8H18O2 | 000110-03-2 | 50   |



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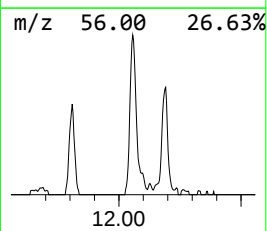
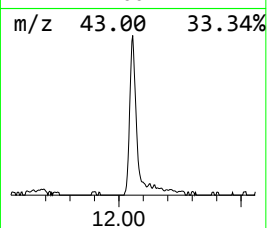
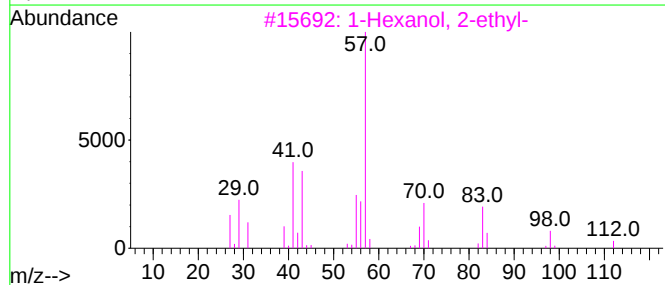
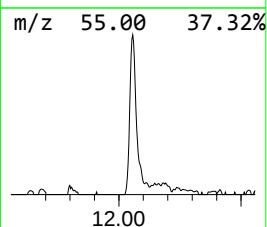
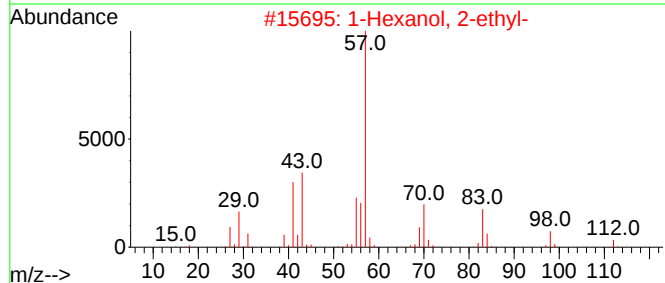
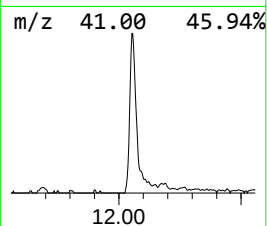
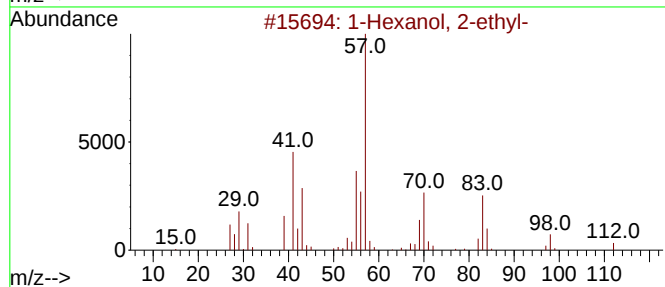
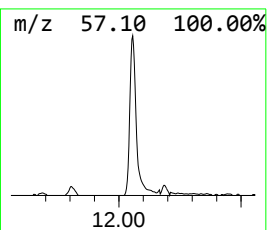
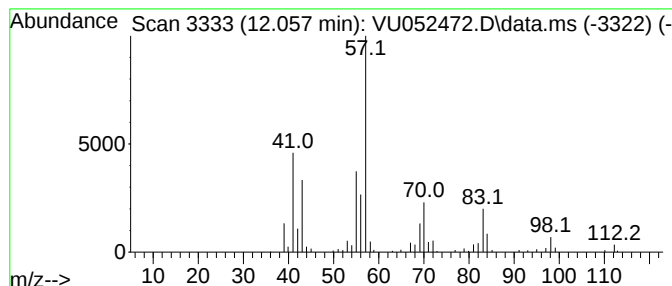
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Quant Title : TRACE VOA SFAM1.0

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TIC Integration Parameters: LSCINT.P

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Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 3

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 12.057 | 1.87 ug/L | 145751 | 1,4-Dichlorobenzene-d4 | 11.809 |

| 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 | 78   |
| 3    |    |   | 1-Hexanol, 2-ethyl-           | 130 | C8H18O  | 000104-76-7 | 72   |
| 4    |    |   | 1-Hexanol, 2-ethyl-           | 130 | C8H18O  | 000104-76-7 | 64   |
| 5    |    |   | 1-Pentanol, 2-ethyl-4-methyl- | 130 | C8H18O  | 000106-67-2 | 59   |



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TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Furan, tetrahyd... | 7.709  | 3.0     | ug/L  | 218391   | 1                     | 6.247  | 365240 | 5.0  |
| 1-Hexanol, 2-et... | 12.057 | 1.9     | ug/L  | 145751   | 3                     | 11.809 | 388686 | 5.0  |