

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060520\  
 Data File : VU038570.D  
 Acq On : 05 Jun 2020 14:12  
 Operator : SY/MD  
 Sample : L2860-09  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9D57

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR053120WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

| 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         | 1.369       | 3             | 9           | 17           | rVB      | 33803          | 34392         | 2.62%           | 0.354%        |
| 2         | 1.613       | 74            | 85          | 93           | rBV      | 103046         | 116327        | 8.87%           | 1.199%        |
| 3         | 1.932       | 175           | 184         | 194          | rVB      | 87250          | 111937        | 8.54%           | 1.153%        |
| 4         | 2.591       | 377           | 389         | 403          | rBV      | 180694         | 300913        | 22.95%          | 3.101%        |
| 5         | 2.674       | 407           | 415         | 432          | rVB      | 8953           | 23240         | 1.77%           | 0.239%        |
| 6         | 3.076       | 527           | 540         | 556          | rVB      | 41914          | 80631         | 6.15%           | 0.831%        |
| 7         | 4.678       | 1020          | 1038        | 1075         | rBV2     | 165957         | 509351        | 38.84%          | 5.249%        |
| 8         | 4.848       | 1078          | 1091        | 1111         | rVB2     | 44554          | 101246        | 7.72%           | 1.043%        |
| 9         | 5.012       | 1130          | 1142        | 1155         | rBV4     | 18001          | 38412         | 2.93%           | 0.396%        |
| 10        | 5.102       | 1155          | 1170        | 1194         | rVB3     | 197494         | 510394        | 38.92%          | 5.259%        |
| 11        | 5.420       | 1257          | 1269        | 1270         | rBV3     | 21142          | 25552         | 1.95%           | 0.263%        |
| 12        | 5.761       | 1353          | 1375        | 1390         | rBV2     | 353854         | 932860        | 71.14%          | 9.613%        |
| 13        | 6.054       | 1455          | 1466        | 1481         | rVB3     | 7657           | 16266         | 1.24%           | 0.168%        |
| 14        | 6.279       | 1518          | 1536        | 1555         | rBV      | 354388         | 688059        | 52.47%          | 7.090%        |
| 15        | 6.719       | 1659          | 1673        | 1690         | rBV      | 222309         | 430874        | 32.86%          | 4.440%        |
| 16        | 6.944       | 1734          | 1743        | 1755         | rVB4     | 9695           | 18069         | 1.38%           | 0.186%        |
| 17        | 7.134       | 1788          | 1802        | 1817         | rBV      | 104370         | 194400        | 14.82%          | 2.003%        |
| 18        | 7.591       | 1928          | 1944        | 1961         | rBV      | 111230         | 194408        | 14.83%          | 2.003%        |
| 19        | 7.922       | 2031          | 2047        | 2074         | rBV      | 419172         | 749090        | 57.12%          | 7.719%        |
| 20        | 8.202       | 2119          | 2134        | 2147         | rBV      | 69638          | 117256        | 8.94%           | 1.208%        |
| 21        | 8.655       | 2258          | 2275        | 2308         | rBV      | 705834         | 1311336       | 100.00%         | 13.513%       |
| 22        | 8.832       | 2315          | 2330        | 2341         | rVB2     | 138204         | 233786        | 17.83%          | 2.409%        |
| 23        | 9.436       | 2504          | 2518        | 2540         | rBV      | 521515         | 881235        | 67.20%          | 9.081%        |
| 24        | 10.771      | 2921          | 2933        | 2950         | rVB      | 191187         | 307266        | 23.43%          | 3.166%        |
| 25        | 11.822      | 3248          | 3260        | 3277         | rBV      | 545974         | 866000        | 66.04%          | 8.924%        |
| 26        | 12.079      | 3327          | 3340        | 3357         | rBV3     | 22050          | 47435         | 3.62%           | 0.489%        |
| 27        | 12.205      | 3366          | 3379        | 3396         | rVB      | 462560         | 743155        | 56.67%          | 7.658%        |
| 28        | 17.388      | 4980          | 4991        | 5004         | rBV2     | 65641          | 120683        | 9.20%           | 1.244%        |

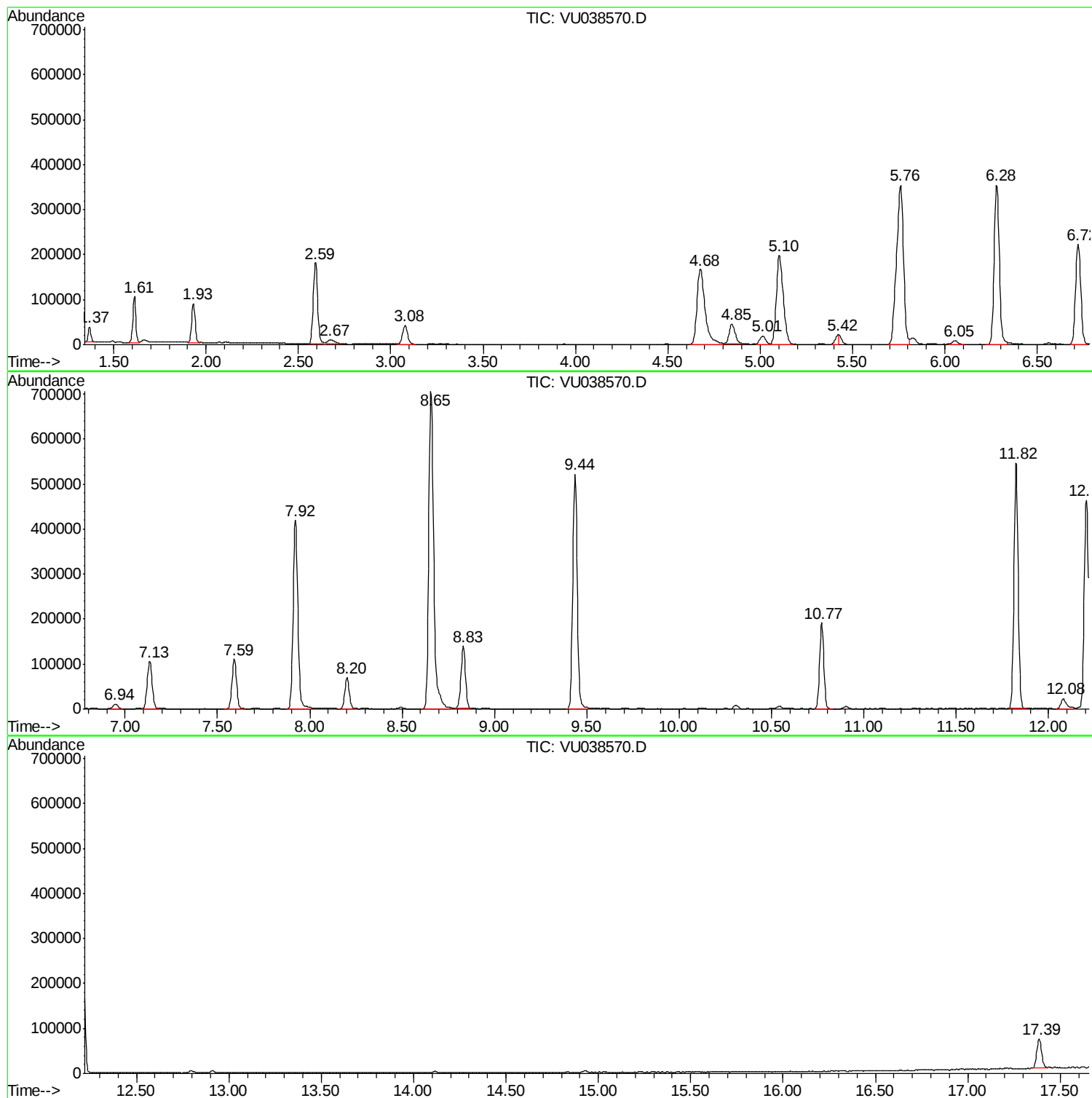
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Instrument :  
MSVOA\_U  
ClientSampleId :  
F9D57

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR053120WMA.M  
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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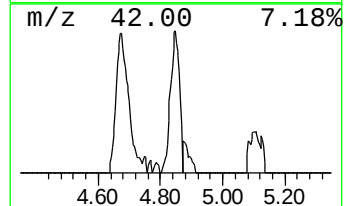
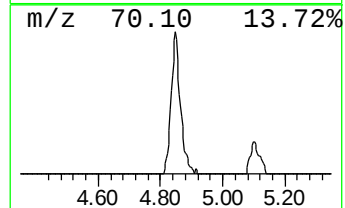
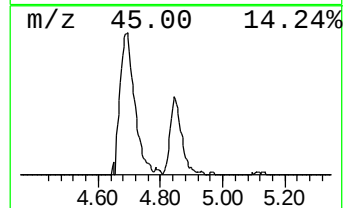
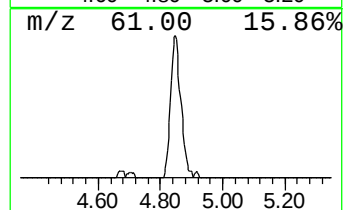
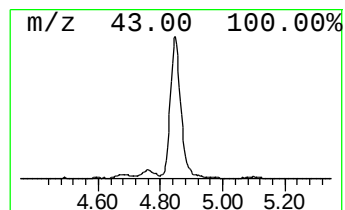
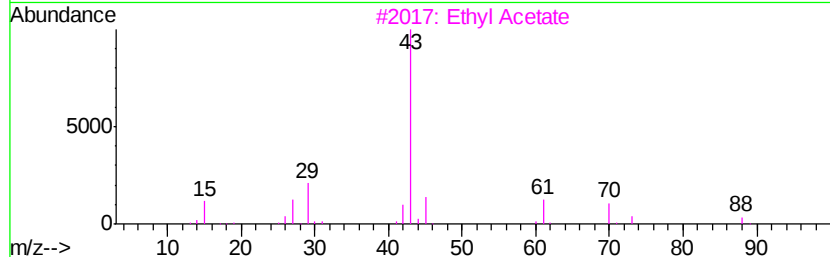
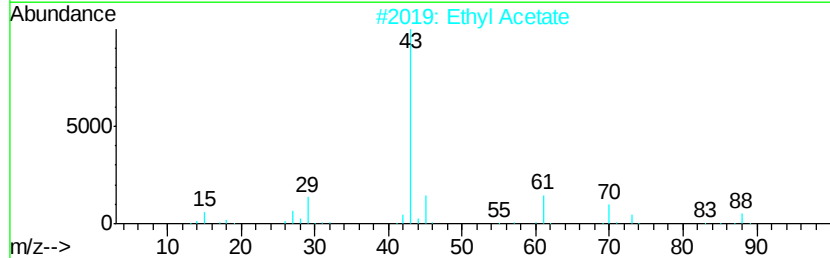
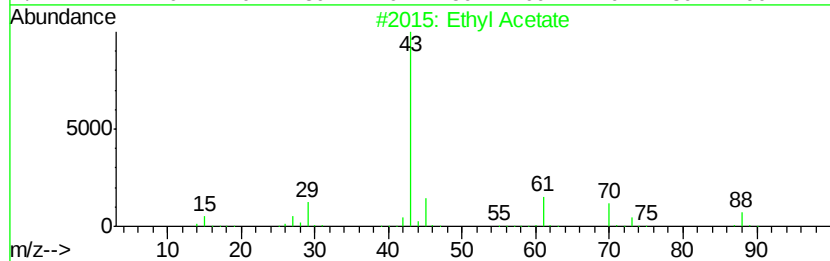
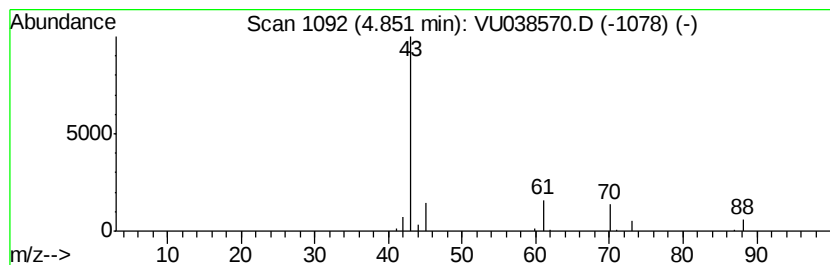
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR053120WMA.M  
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Ethyl Acetate Concentration Rank 2

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 4.85 | 0.74 ug/L | 101246 | 1,4-Difluorobenzene | 6.28 |

| Hit# | of | Tentative ID    | MW | MolForm | CAS#        | Qual |
|------|----|-----------------|----|---------|-------------|------|
| 1    | 5  | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 90   |
| 2    |    | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 90   |
| 3    |    | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 90   |
| 4    |    | Ethyl Acetate   | 88 | C4H8O2  | 000141-78-6 | 86   |
| 5    |    | CH3C(O)CH2CH2OH | 88 | C4H8O2  | 000590-90-9 | 64   |



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Quant Title : TRACE VOA SOM01.0

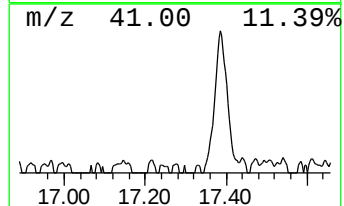
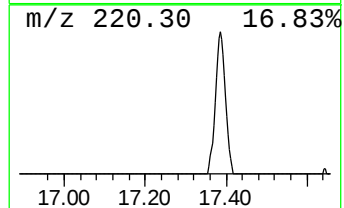
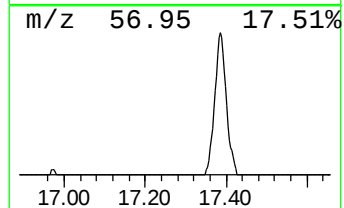
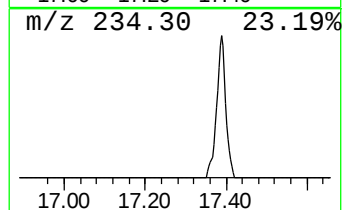
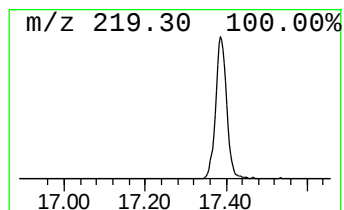
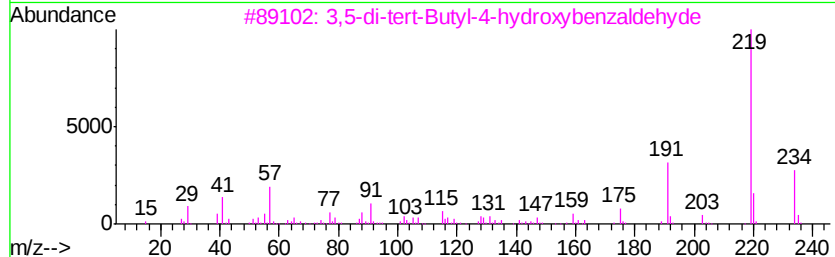
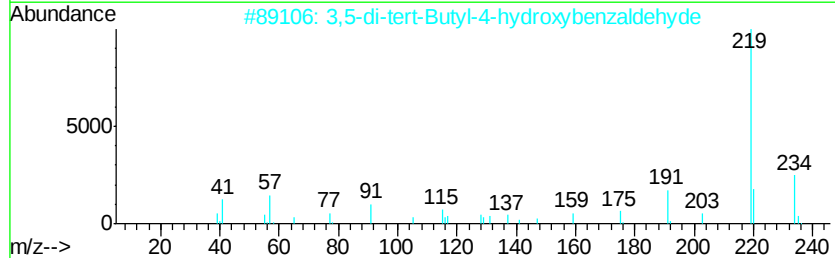
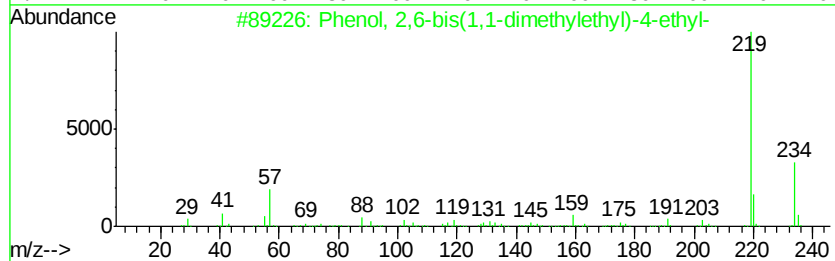
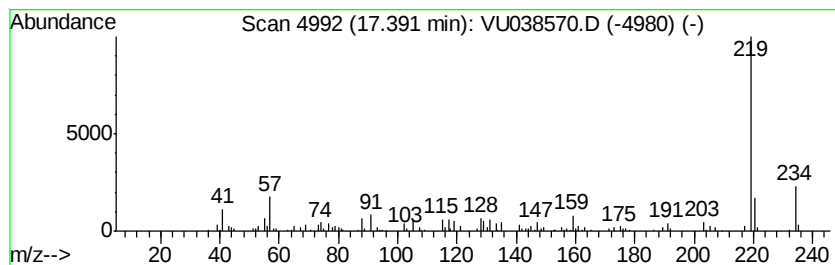
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 3

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 17.39 | 0.70 ug/L | 120683 | 1,4-Dichlorobenzene-d4 | 11.82 |

| Hit# | of | Tentative ID                                | MW  | MolForm  | CAS#        | Qual |
|------|----|---------------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Phenol, 2,6-bis(1,1-dimethylethyl)-4-ethyl- | 234 | C16H26O  | 004130-42-1 | 94   |
| 2    |    | 3,5-di-tert-Butyl-4-hydroxybenza...         | 234 | C15H22O2 | 001620-98-0 | 94   |
| 3    |    | 3,5-di-tert-Butyl-4-hydroxybenza...         | 234 | C15H22O2 | 001620-98-0 | 93   |
| 4    |    | Phenol, 2,6-bis(1,1-dimethylethyl)-4-ethyl- | 234 | C16H26O  | 004130-42-1 | 93   |
| 5    |    | 3,5-di-tert-Butyl-4-hydroxybenza...         | 234 | C15H22O2 | 001620-98-0 | 90   |



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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Ethyl Acetate        | 4.85  | 0.7     | ug/L  | 101246   | 1                     | 6.28  | 688059 | 5.0  |
| Phenol, 2,6-bis(1... | 17.39 | 0.7     | ug/L  | 120683   | 3                     | 11.82 | 866000 | 5.0  |