

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\  
 Data File : VV017140.D  
 Acq On : 25 Jun 2020 20:23  
 Operator : SY/MD  
 Sample : L3106-10  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFXN2

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\_V\METHOD\SOMVTR061720WMA.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         | 1.113       | 3             | 7           | 16           | rVB      | 14996          | 13756         | 2.01%           | 0.211%        |
| 2         | 1.251       | 45            | 50          | 58           | rVB      | 14423          | 15431         | 2.25%           | 0.237%        |
| 3         | 1.315       | 60            | 70          | 80           | rVB3     | 108625         | 168193        | 24.55%          | 2.584%        |
| 4         | 1.579       | 145           | 152         | 163          | rBV      | 63335          | 74809         | 10.92%          | 1.149%        |
| 5         | 2.126       | 310           | 322         | 339          | rBV2     | 145978         | 230986        | 33.72%          | 3.548%        |
| 6         | 2.785       | 515           | 527         | 537          | rBV2     | 6287           | 13241         | 1.93%           | 0.203%        |
| 7         | 3.209       | 643           | 659         | 680          | rVB3     | 181360         | 414293        | 60.48%          | 6.364%        |
| 8         | 3.942       | 869           | 887         | 921          | rBV3     | 77313          | 306961        | 44.81%          | 4.715%        |
| 9         | 4.109       | 925           | 939         | 981          | rVB      | 234323         | 685032        | 100.00%         | 10.523%       |
| 10        | 4.376       | 1008          | 1022        | 1044         | rBV2     | 107681         | 281389        | 41.08%          | 4.322%        |
| 11        | 4.704       | 1111          | 1124        | 1133         | rBV10    | 10618          | 22086         | 3.22%           | 0.339%        |
| 12        | 5.071       | 1223          | 1238        | 1255         | rBV3     | 236383         | 571207        | 83.38%          | 8.774%        |
| 13        | 5.158       | 1257          | 1265        | 1283         | rVB2     | 48900          | 109278        | 15.95%          | 1.679%        |
| 14        | 5.643       | 1399          | 1416        | 1440         | rBV      | 212056         | 431980        | 63.06%          | 6.636%        |
| 15        | 5.936       | 1496          | 1507        | 1522         | rVB      | 9535           | 22830         | 3.33%           | 0.351%        |
| 16        | 6.093       | 1543          | 1556        | 1576         | rBV      | 128644         | 267624        | 39.07%          | 4.111%        |
| 17        | 7.010       | 1830          | 1841        | 1861         | rBV      | 62532          | 116512        | 17.01%          | 1.790%        |
| 18        | 7.338       | 1932          | 1943        | 1959         | rBV      | 269322         | 465512        | 67.95%          | 7.151%        |
| 19        | 7.412       | 1961          | 1966        | 1980         | rVB3     | 8217           | 15027         | 2.19%           | 0.231%        |
| 20        | 7.643       | 2028          | 2038        | 2053         | rBV      | 42707          | 73882         | 10.79%          | 1.135%        |
| 21        | 8.113       | 2173          | 2184        | 2214         | rBV      | 261152         | 480342        | 70.12%          | 7.378%        |
| 22        | 8.325       | 2240          | 2250        | 2267         | rVB4     | 18749          | 32837         | 4.79%           | 0.504%        |
| 23        | 8.875       | 2409          | 2421        | 2440         | rBV      | 326200         | 528540        | 77.16%          | 8.119%        |
| 24        | 10.039      | 2772          | 2783        | 2786         | rBV7     | 5510           | 8225          | 1.20%           | 0.126%        |
| 25        | 10.238      | 2834          | 2845        | 2860         | rBV      | 85974          | 136687        | 19.95%          | 2.100%        |
| 26        | 11.270      | 3155          | 3166        | 3180         | rBV      | 306080         | 476118        | 69.50%          | 7.314%        |
| 27        | 11.559      | 3245          | 3256        | 3264         | rBV8     | 6796           | 12714         | 1.86%           | 0.195%        |
| 28        | 11.646      | 3271          | 3283        | 3301         | rBV      | 275119         | 430093        | 62.78%          | 6.607%        |
| 29        | 12.370      | 3501          | 3508        | 3515         | rVB      | 4459           | 7148          | 1.04%           | 0.110%        |
| 30        | 16.736      | 4853          | 4866        | 4876         | rBV3     | 64192          | 97388         | 14.22%          | 1.496%        |

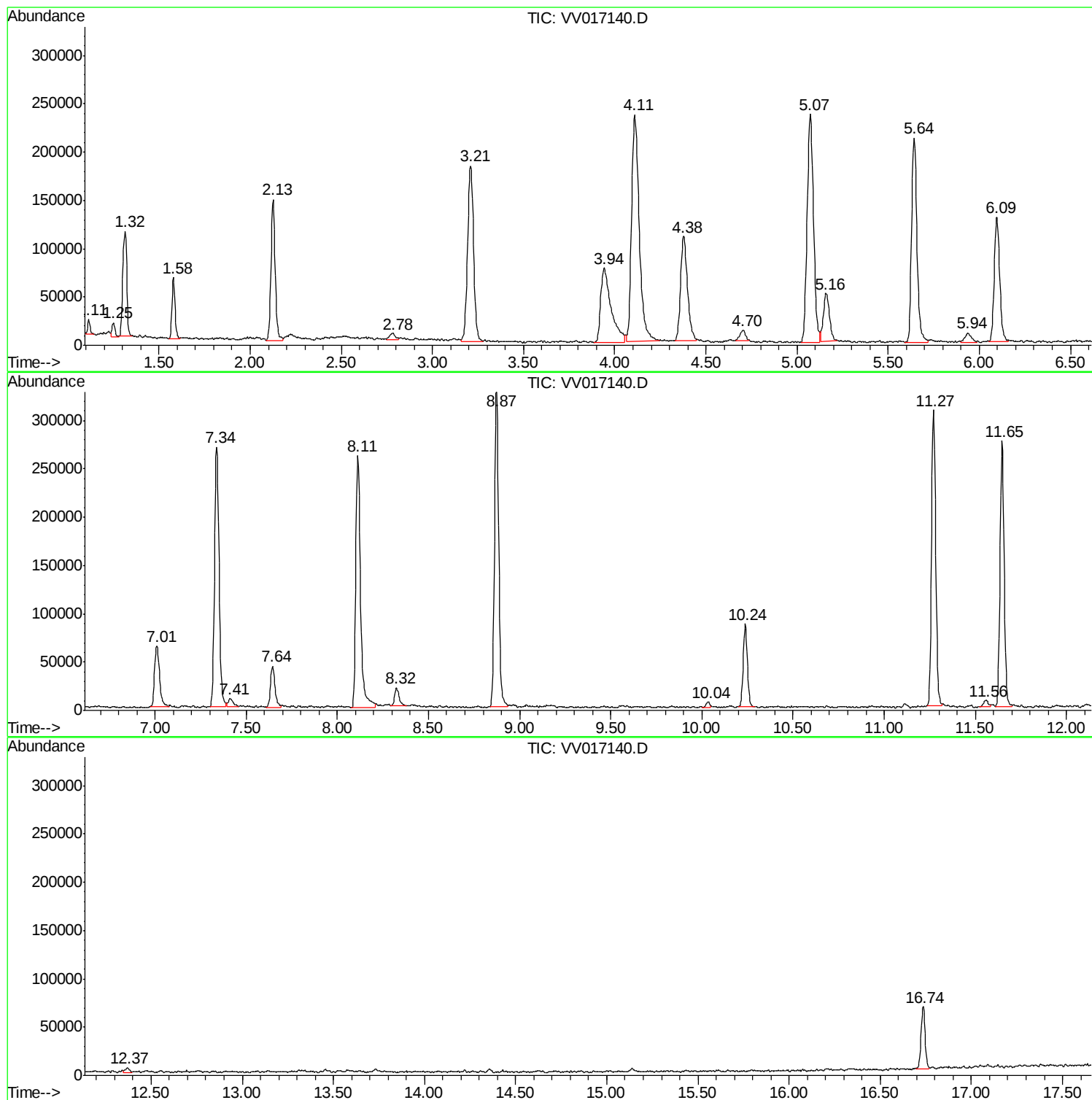
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ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFXN2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR061720WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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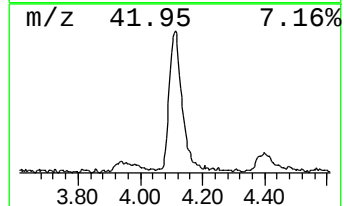
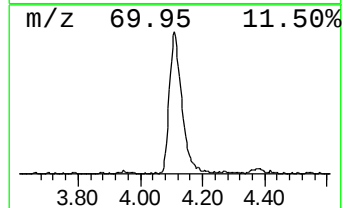
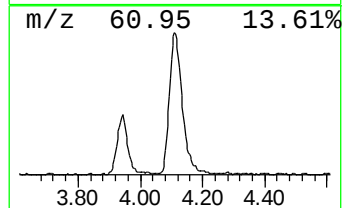
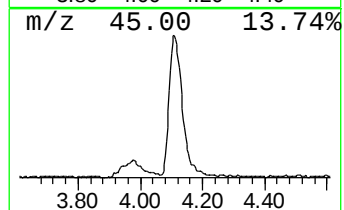
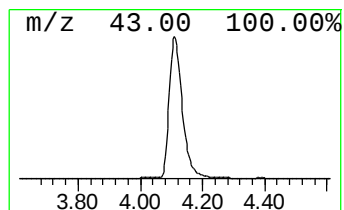
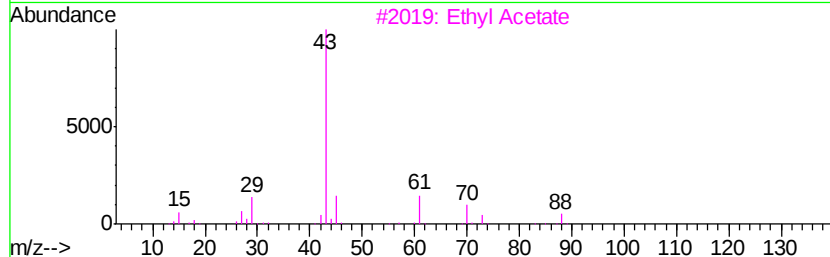
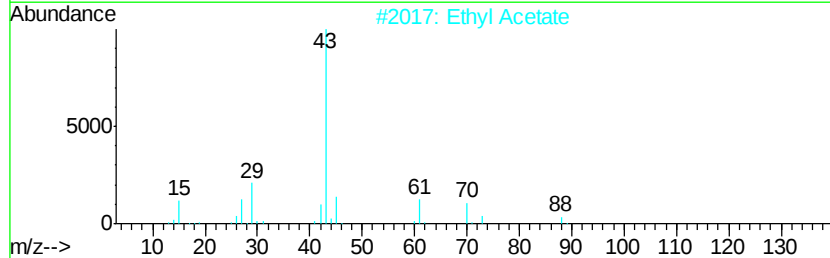
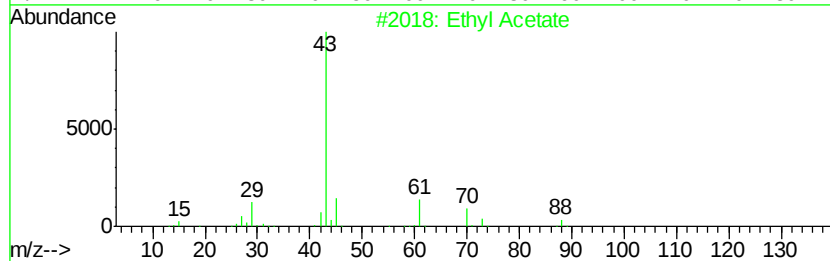
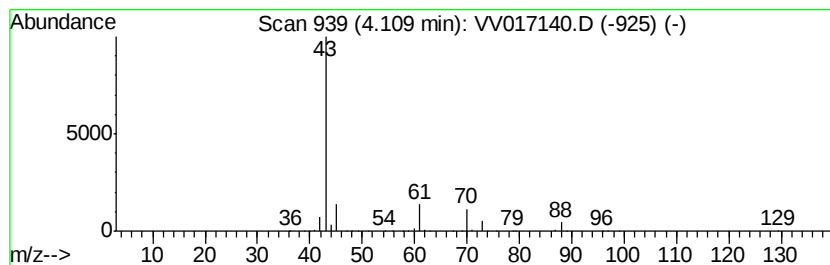
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Ethyl Acetate Concentration Rank 1

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 4.11 | 7.93 ug/L | 685032 | 1,4-Difluorobenzene | 5.64 |

| 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 | 78   |
| 5    |    | CH3C(O)CH2CH2OH | 88 | C4H8O2  | 000590-90-9 | 40   |



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MSVOA\_V  
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Quant Title : TRACE VOA SOM01.0

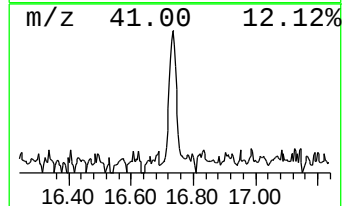
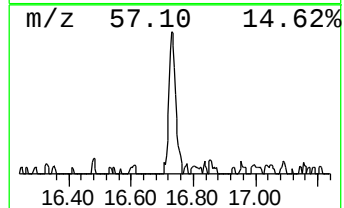
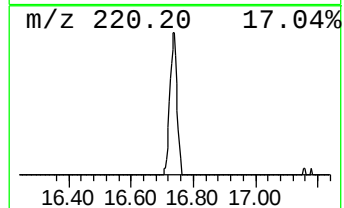
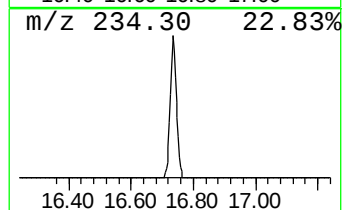
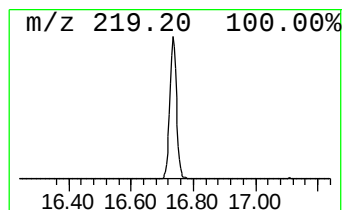
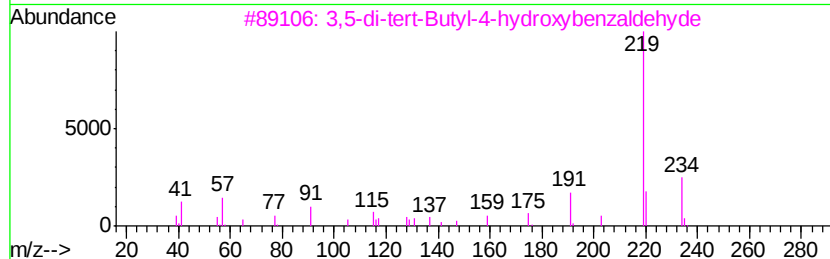
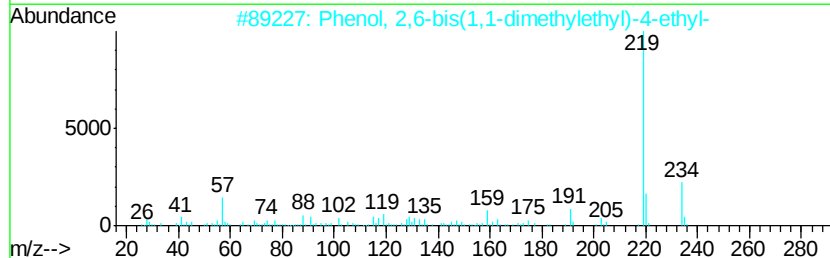
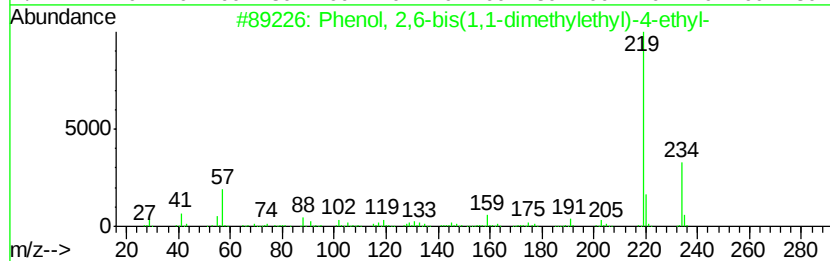
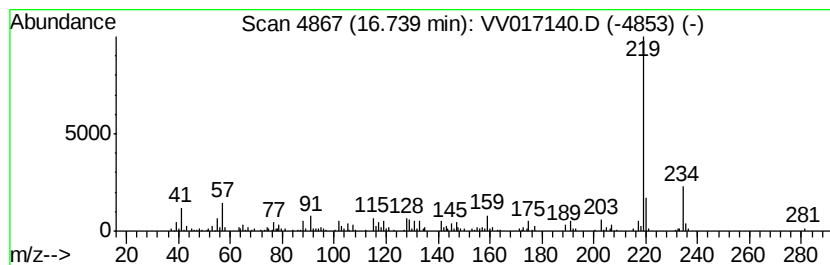
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Peak Number 3 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD       | R.T.  |
|-------|-----------|-------|------------------------|-------|
| 16.74 | 1.02 ug/L | 97388 | 1,4-Dichlorobenzene-d4 | 11.27 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Phenol, 2,6-bis(1,1-dimethylethy... | 234 | C16H26O  | 004130-42-1 | 95   |
| 2    |    | Phenol, 2,6-bis(1,1-dimethylethy... | 234 | C16H26O  | 004130-42-1 | 93   |
| 3    |    | 3,5-di-tert-Butyl-4-hydroxybenza... | 234 | C15H22O2 | 001620-98-0 | 93   |
| 4    |    | 3,5-di-tert-Butyl-4-hydroxybenza... | 234 | C15H22O2 | 001620-98-0 | 93   |
| 5    |    | Phenol, 2,6-bis(1,1-dimethylethy... | 234 | C16H26O  | 004130-42-1 | 93   |



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Quant Title : TRACE VOA SOM01.0

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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Ethyl Acetate        | 4.11  | 7.9     | ug/L  | 685032   | 1                     | 5.64  | 431980 | 5.0  |
| Phenol, 2,6-bis(1... | 16.74 | 1.0     | ug/L  | 97388    | 3                     | 11.27 | 476118 | 5.0  |