

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY032922\  
 Data File : VY008087.D  
 Acq On : 29 Mar 2022 15:15  
 Operator : SY/MD  
 Sample : N2155-08  
 Misc : 5.17g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 22L076-H

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

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\_Y\methods\82Y032522S.M  
 Title : SW846 8260

Signal : TIC: VY008087.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         | 2.119       | 44            | 49          | 52           | rBV3     | 764            | 1368          | 1.21%           | 0.178%        |
| 2         | 2.394       | 90            | 94          | 100          | rVB5     | 904            | 1668          | 1.47%           | 0.217%        |
| 3         | 3.942       | 341           | 348         | 349          | rBV2     | 2192           | 2932          | 2.59%           | 0.381%        |
| 4         | 4.735       | 471           | 478         | 483          | rBV4     | 681            | 1763          | 1.56%           | 0.229%        |
| 5         | 6.990       | 840           | 848         | 856          | rBV2     | 3349           | 9181          | 8.10%           | 1.194%        |
| 6         | 7.722       | 959           | 968         | 973          | rBV      | 8829           | 19648         | 17.33%          | 2.556%        |
| 7         | 7.795       | 973           | 980         | 991          | rVB      | 27817          | 61600         | 54.33%          | 8.014%        |
| 8         | 8.142       | 1030          | 1037        | 1048         | rVB      | 15839          | 35830         | 31.60%          | 4.661%        |
| 9         | 8.691       | 1119          | 1127        | 1135         | rBV      | 42520          | 82591         | 72.85%          | 10.745%       |
| 10        | 10.185      | 1365          | 1372        | 1378         | rBV      | 64855          | 113371        | 100.00%         | 14.749%       |
| 11        | 10.246      | 1378          | 1382        | 1389         | rVB      | 5450           | 8805          | 7.77%           | 1.146%        |
| 12        | 11.496      | 1579          | 1587        | 1595         | rBV      | 58655          | 97702         | 86.18%          | 12.711%       |
| 13        | 11.593      | 1599          | 1603        | 1609         | rVB      | 1303           | 2020          | 1.78%           | 0.263%        |
| 14        | 11.703      | 1612          | 1621        | 1626         | rBV2     | 5600           | 8954          | 7.90%           | 1.165%        |
| 15        | 12.032      | 1669          | 1675        | 1681         | rVB5     | 2773           | 4697          | 4.14%           | 0.611%        |
| 16        | 12.337      | 1720          | 1725        | 1733         | rBV2     | 5740           | 9257          | 8.17%           | 1.204%        |
| 17        | 12.483      | 1743          | 1749        | 1758         | rVB      | 45100          | 72365         | 63.83%          | 9.415%        |
| 18        | 12.745      | 1784          | 1792        | 1794         | rBV4     | 2043           | 3691          | 3.26%           | 0.480%        |
| 19        | 12.812      | 1799          | 1803        | 1808         | rVB3     | 2229           | 3591          | 3.17%           | 0.467%        |
| 20        | 13.123      | 1849          | 1854        | 1860         | rBV2     | 4012           | 5482          | 4.84%           | 0.713%        |
| 21        | 13.428      | 1898          | 1904        | 1913         | rBV      | 55229          | 88253         | 77.84%          | 11.481%       |
| 22        | 13.629      | 1932          | 1937        | 1941         | rBV2     | 9207           | 14070         | 12.41%          | 1.830%        |
| 23        | 13.666      | 1941          | 1943        | 1947         | rVB2     | 1665           | 1953          | 1.72%           | 0.254%        |
| 24        | 13.751      | 1954          | 1957        | 1961         | rBV2     | 1371           | 1636          | 1.44%           | 0.213%        |
| 25        | 13.818      | 1963          | 1968        | 1974         | rVB5     | 978            | 1798          | 1.59%           | 0.234%        |
| 26        | 13.971      | 1988          | 1993        | 1998         | rBV4     | 1315           | 2447          | 2.16%           | 0.318%        |
| 27        | 14.087      | 2008          | 2012        | 2016         | rVB3     | 1474           | 1973          | 1.74%           | 0.257%        |
| 28        | 14.568      | 2087          | 2091        | 2095         | rBV5     | 1412           | 1984          | 1.75%           | 0.258%        |
| 29        | 14.690      | 2103          | 2111        | 2115         | rBV3     | 3063           | 5436          | 4.79%           | 0.707%        |
| 30        | 14.836      | 2131          | 2135        | 2139         | rVB4     | 1620           | 2226          | 1.96%           | 0.290%        |
| 31        | 15.239      | 2192          | 2201        | 2207         | rBV      | 47509          | 79130         | 69.80%          | 10.295%       |
| 32        | 15.336      | 2213          | 2217        | 2225         | rBB5     | 774            | 1764          | 1.56%           | 0.229%        |
| 33        | 16.293      | 2368          | 2374        | 2381         | rBV2     | 5542           | 11162         | 9.85%           | 1.452%        |
| 34        | 16.501      | 2401          | 2408        | 2413         | rVB3     | 3967           | 8306          | 7.33%           | 1.081%        |

Sum of corrected areas: 768654

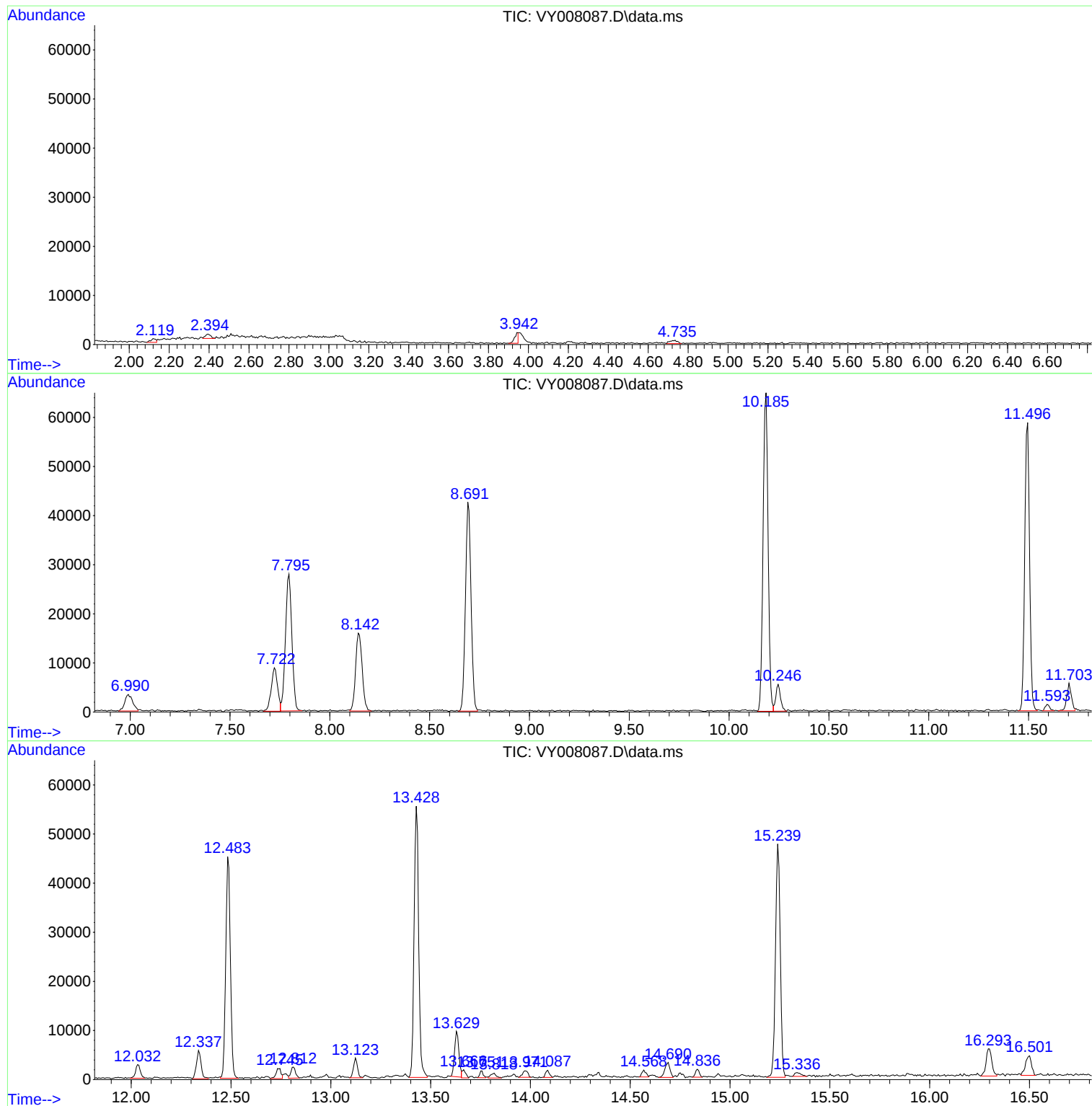
**Instrument :**  
MSVOA\_Y  
**ClientSampleId :**  
22L076-H

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Instrument :  
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22L076-H

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032522S.M  
Quant Title : SW846 8260

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



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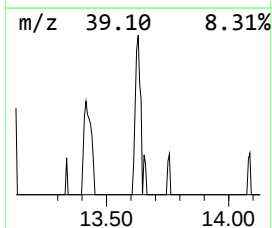
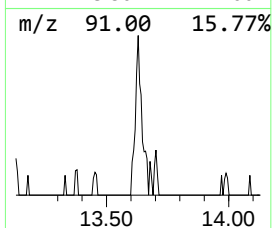
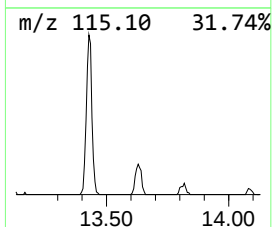
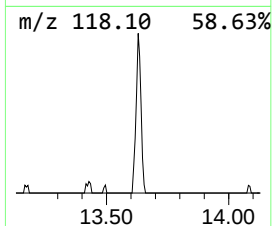
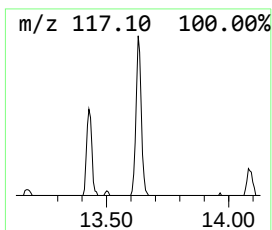
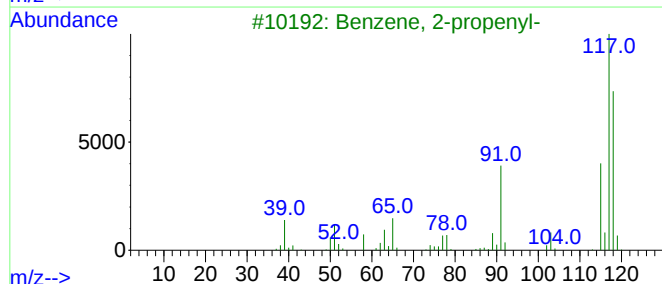
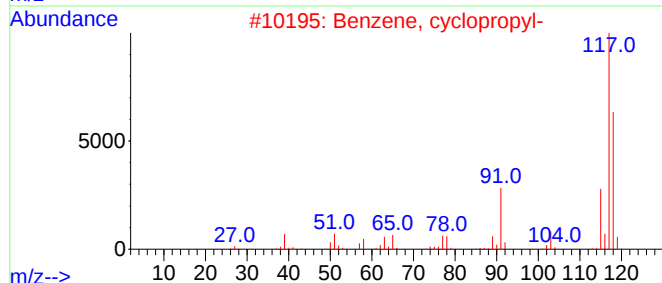
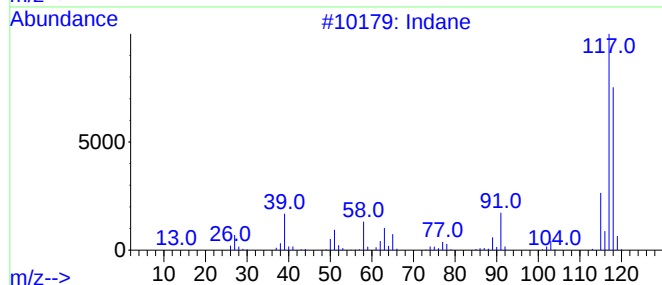
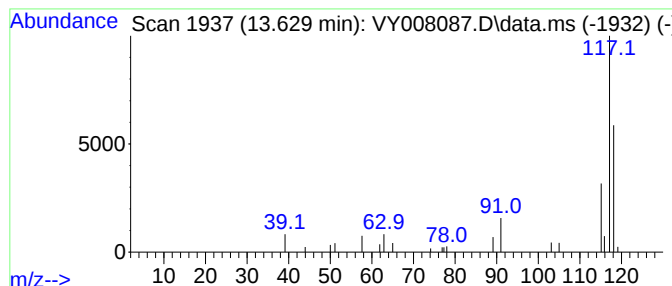
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032522S.M  
Quant Title : SW846 8260

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

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Peak Number 1 Indane Concentration Rank 2

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 13.629 | 7.97 ug/l | 14070 | 1,4-Dichlorobenzene-d4 | 13.434 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Indane                       | 118 | C9H10   | 000496-11-7 | 83   |
| 2    |    |   | Benzene, cyclopropyl-        | 118 | C9H10   | 000873-49-4 | 64   |
| 3    |    |   | Benzene, 2-propenyl-         | 118 | C9H10   | 000300-57-2 | 64   |
| 4    |    |   | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10   | 000611-15-4 | 59   |
| 5    |    |   | (Z)-1-Phenylpropene          | 118 | C9H10   | 000766-90-5 | 59   |



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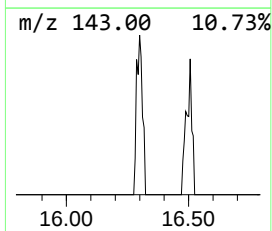
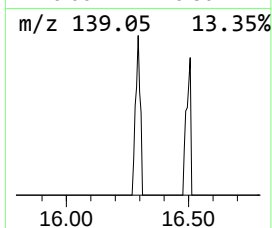
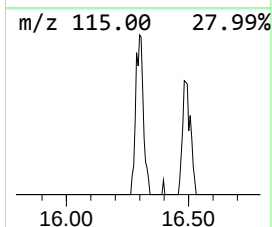
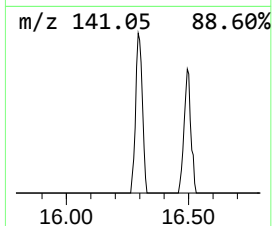
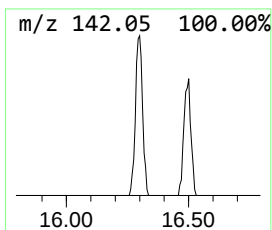
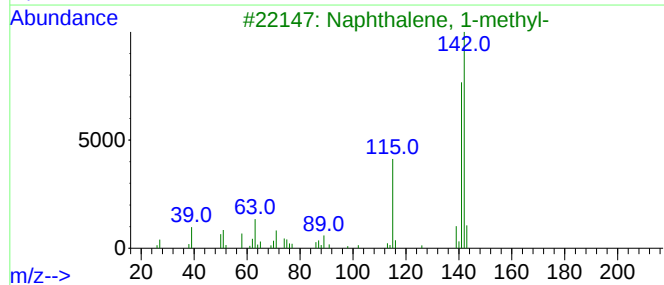
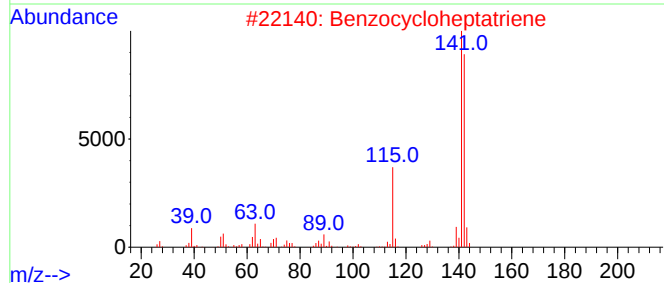
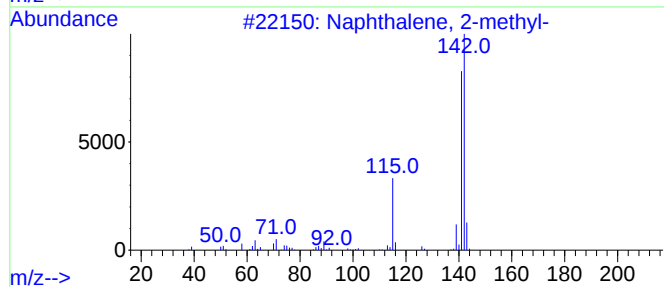
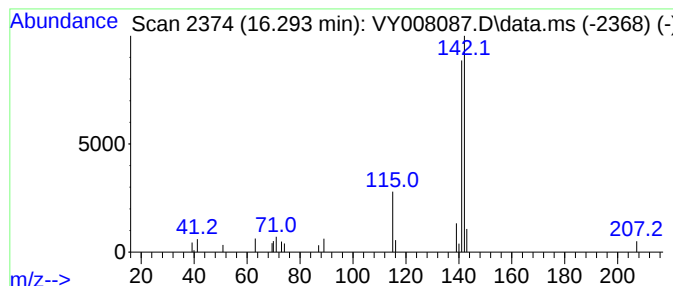
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TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Benzocycloheptatriene Concentration Rank 3

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 16.294 | 6.32 ug/l | 11162 | 1,4-Dichlorobenzene-d4 | 13.434 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2-methyl-              | 142 | C11H10  | 000091-57-6 | 91   |
| 2    |    |   | Benzocycloheptatriene               | 142 | C11H10  | 000264-09-5 | 91   |
| 3    |    |   | Naphthalene, 1-methyl-              | 142 | C11H10  | 000090-12-0 | 91   |
| 4    |    |   | Bicyclo[4.4.1]undeca-1,3,5,7,9-p... | 142 | C11H10  | 002443-46-1 | 78   |
| 5    |    |   | Naphthalene, 1-[(2-propenyloxy)m... | 198 | C14H14O | 074685-39-5 | 78   |



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Quant Title : SW846 8260

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |       |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|-------|------|
|                    |        |         |       |          | #                     | RT     | Resp  | Conc |
| Indane             | 13.629 | 8.0     | ug/l  | 14070    | 4                     | 13.434 | 88253 | 50.0 |
| Benzocyclohepta... | 16.294 | 6.3     | ug/l  | 11162    | 4                     | 13.434 | 88253 | 50.0 |