

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG031017\  
 Data File : BG026206.D  
 Acq On : 11 Mar 2017 13:15  
 Operator : SJ/MA  
 Sample : I2180-06DL 20X  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0BH0DL

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 1 % 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:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG030717MA.M  
 Title : SVOA CALIBRATION

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         | 8.061       | 841           | 846         | 858          | rVB2     | 292701         | 562249        | 28.31%          | 4.811%        |
| 2         | 8.419       | 901           | 907         | 914          | rVB      | 180239         | 309572        | 15.59%          | 2.649%        |
| 3         | 9.218       | 1040          | 1043        | 1049         | rVB3     | 20676          | 35503         | 1.79%           | 0.304%        |
| 4         | 10.481      | 1254          | 1258        | 1268         | rBV4     | 17722          | 32933         | 1.66%           | 0.282%        |
| 5         | 10.728      | 1292          | 1300        | 1308         | rVB      | 1138352        | 1986236       | 100.00%         | 16.996%       |
| 6         | 10.863      | 1316          | 1323        | 1332         | rVB      | 439265         | 774280        | 38.98%          | 6.625%        |
| 7         | 11.245      | 1381          | 1388        | 1395         | rBV      | 172149         | 306237        | 15.42%          | 2.620%        |
| 8         | 12.843      | 1654          | 1660        | 1663         | rBV      | 66209          | 117117        | 5.90%           | 1.002%        |
| 9         | 12.873      | 1663          | 1665        | 1671         | rVB2     | 57752          | 78301         | 3.94%           | 0.670%        |
| 10        | 13.478      | 1761          | 1768        | 1775         | rVB      | 650508         | 1051928       | 52.96%          | 9.001%        |
| 11        | 14.065      | 1863          | 1868        | 1876         | rVB2     | 45587          | 66594         | 3.35%           | 0.570%        |
| 12        | 14.359      | 1911          | 1918        | 1926         | rVB      | 65772          | 101349        | 5.10%           | 0.867%        |
| 13        | 14.665      | 1963          | 1970        | 1978         | rBV2     | 650480         | 1034129       | 52.06%          | 8.849%        |
| 14        | 14.988      | 2019          | 2025        | 2030         | rVB      | 50830          | 76662         | 3.86%           | 0.656%        |
| 15        | 15.652      | 2132          | 2138        | 2144         | rVB      | 87831          | 130485        | 6.57%           | 1.117%        |
| 16        | 17.397      | 2428          | 2435        | 2445         | rVB      | 841382         | 1234680       | 62.16%          | 10.565%       |
| 17        | 17.491      | 2445          | 2451        | 2459         | rBV      | 89209          | 135757        | 6.83%           | 1.162%        |
| 18        | 19.771      | 2833          | 2839        | 2848         | rBV2     | 107951         | 161349        | 8.12%           | 1.381%        |
| 19        | 21.639      | 3151          | 3157        | 3166         | rBV      | 914233         | 1498677       | 75.45%          | 12.824%       |
| 20        | 23.114      | 3406          | 3408        | 3414         | rVB7     | 17278          | 24506         | 1.23%           | 0.210%        |
| 21        | 23.913      | 3540          | 3544        | 3549         | rVB6     | 25764          | 43885         | 2.21%           | 0.376%        |
| 22        | 24.612      | 3655          | 3663        | 3671         | rVB3     | 60772          | 166080        | 8.36%           | 1.421%        |
| 23        | 24.835      | 3690          | 3701        | 3712         | rBV2     | 573671         | 1675103       | 84.34%          | 14.334%       |
| 24        | 25.969      | 3886          | 3894        | 3902         | rBV6     | 33148          | 82850         | 4.17%           | 0.709%        |

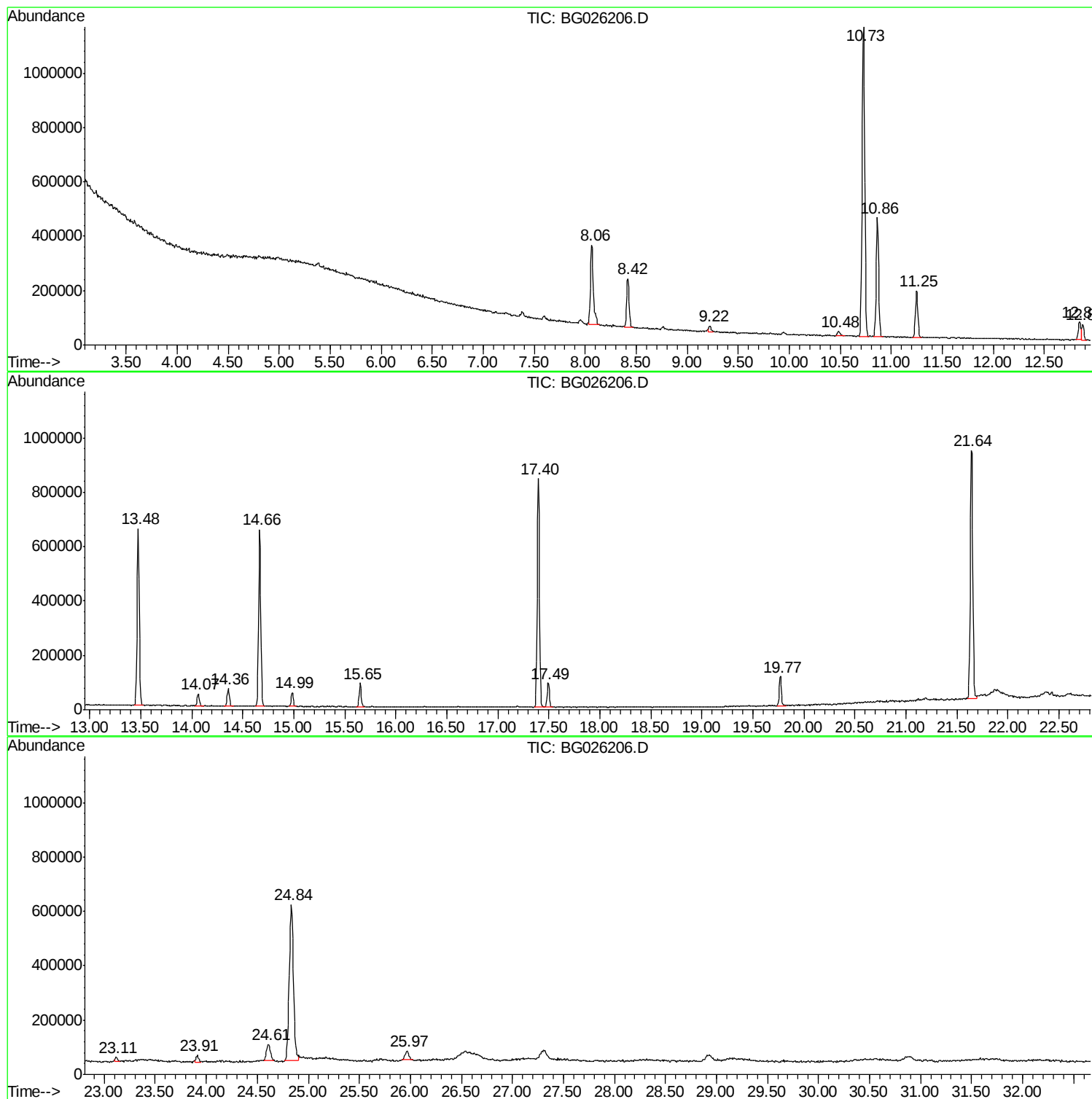
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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG030717MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



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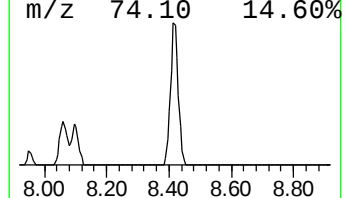
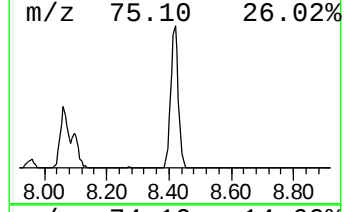
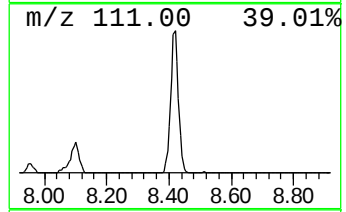
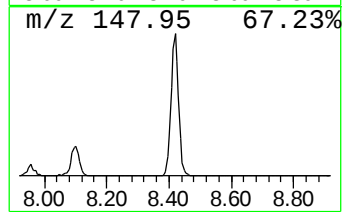
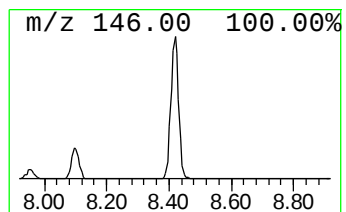
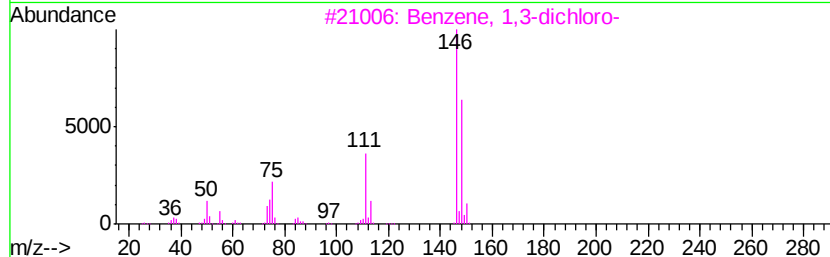
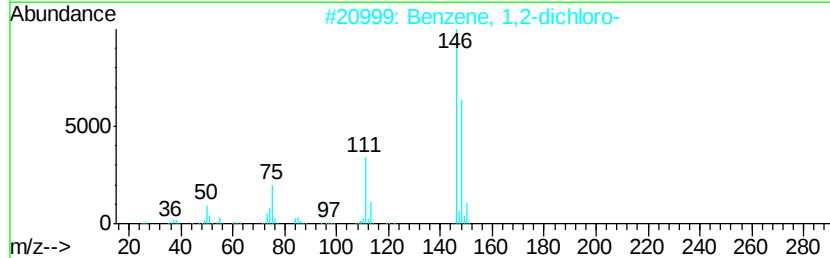
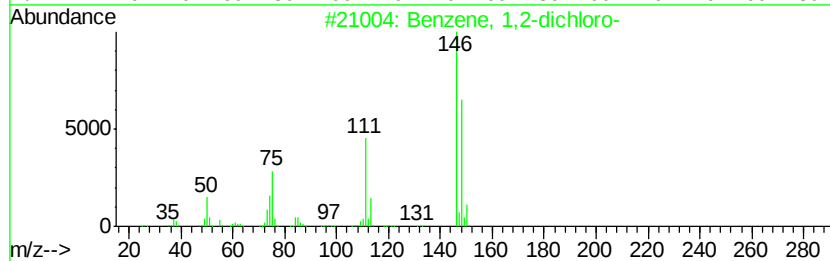
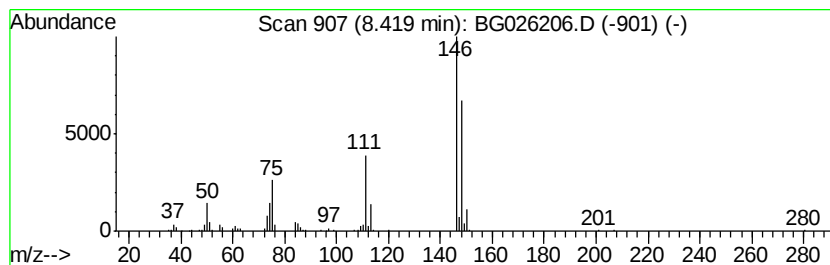
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG030717MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Benzene, 1,2-dichloro- Concentration Rank 2

| R.T. | EstConc     | Area   | Relative to ISTD       | R.T. |
|------|-------------|--------|------------------------|------|
| 8.42 | 11.01 ng/ul | 309572 | 1,4-Dichlorobenzene-d4 | 8.06 |

| Hit# | of | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,2-dichloro- | 146 | C6H4Cl2 | 000095-50-1 | 97   |
| 2    |    | Benzene, 1,2-dichloro- | 146 | C6H4Cl2 | 000095-50-1 | 96   |
| 3    |    | Benzene, 1,3-dichloro- | 146 | C6H4Cl2 | 000541-73-1 | 96   |
| 4    |    | Benzene, 1,3-dichloro- | 146 | C6H4Cl2 | 000541-73-1 | 96   |
| 5    |    | Benzene, 1,3-dichloro- | 146 | C6H4Cl2 | 000541-73-1 | 96   |



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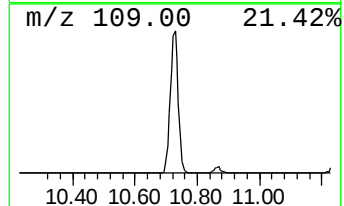
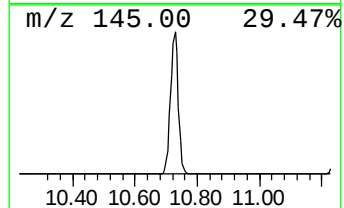
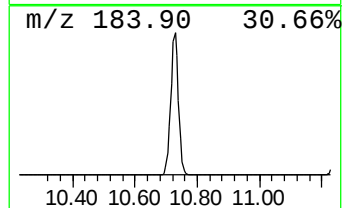
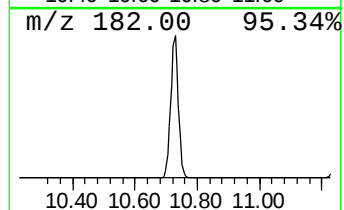
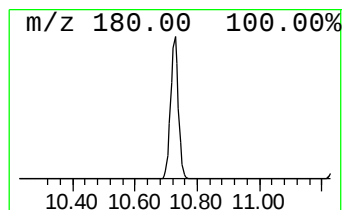
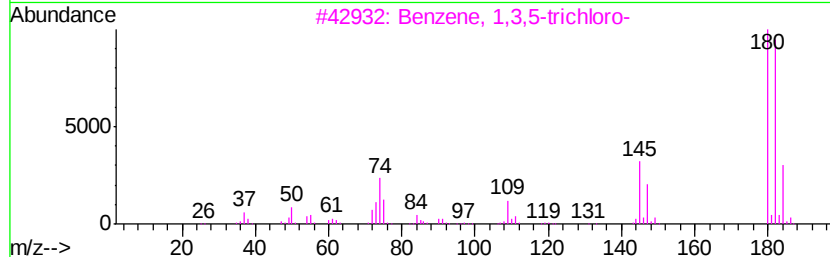
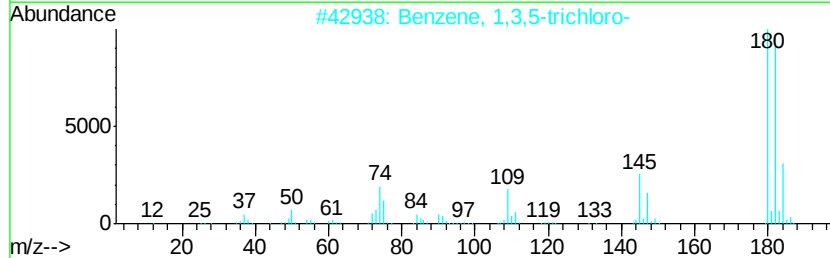
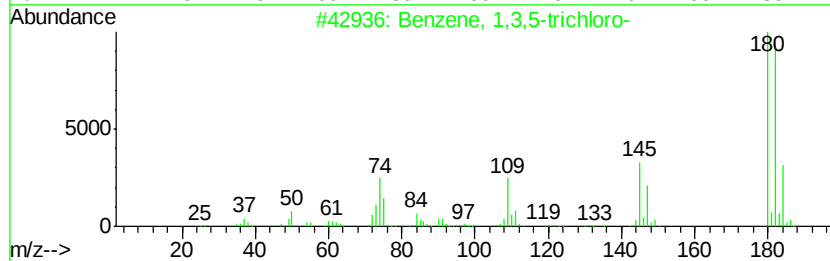
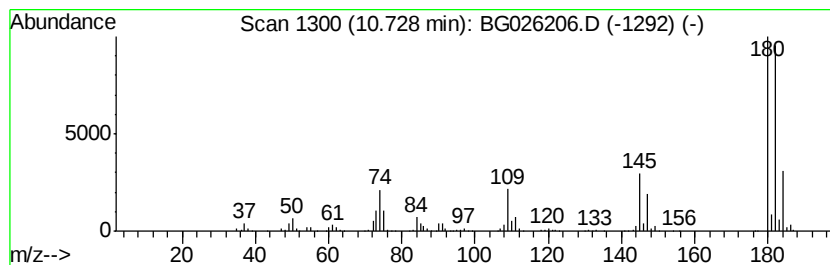
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Peak Number 2 Benzene, 1,3,5-trichloro- Concentration Rank 1

| R.T.  | EstConc     | Area    | Relative to ISTD | R.T.  |
|-------|-------------|---------|------------------|-------|
| 10.73 | 51.31 ng/ul | 1986240 | Naphthalene-d8   | 10.86 |

| Hit# | of | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,3,5-trichloro- | 180 | C6H3Cl3 | 000108-70-3 | 98   |
| 2    |    | Benzene, 1,3,5-trichloro- | 180 | C6H3Cl3 | 000108-70-3 | 98   |
| 3    |    | Benzene, 1,3,5-trichloro- | 180 | C6H3Cl3 | 000108-70-3 | 97   |
| 4    |    | Benzene, 1,2,4-trichloro- | 180 | C6H3Cl3 | 000120-82-1 | 97   |
| 5    |    | Benzene, 1,2,3-trichloro- | 180 | C6H3Cl3 | 000087-61-6 | 94   |



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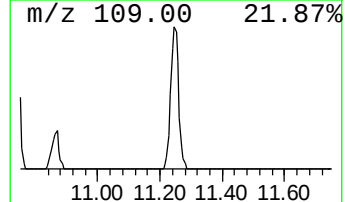
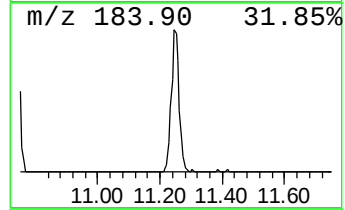
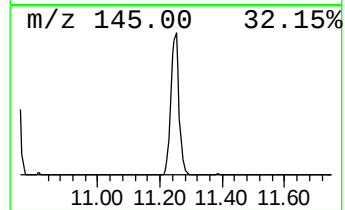
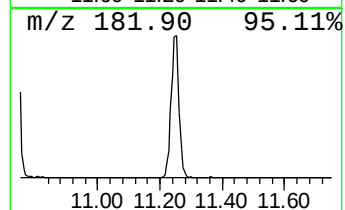
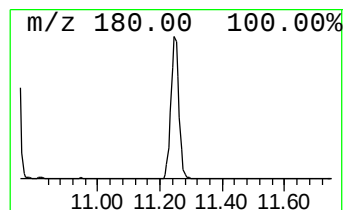
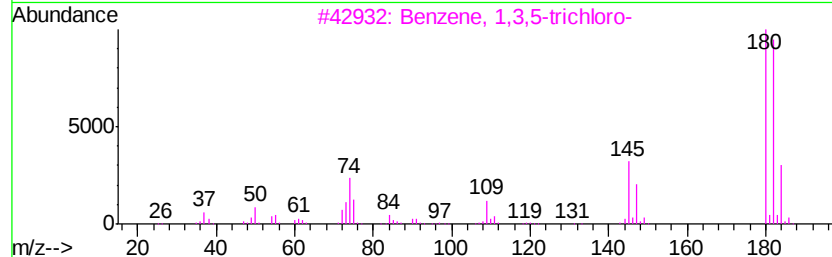
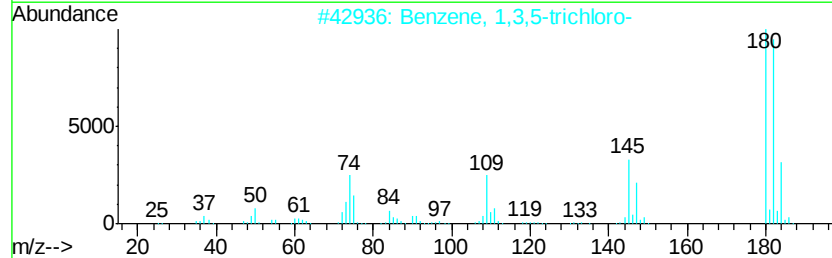
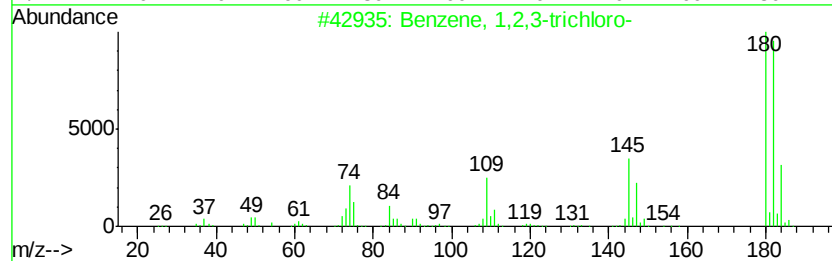
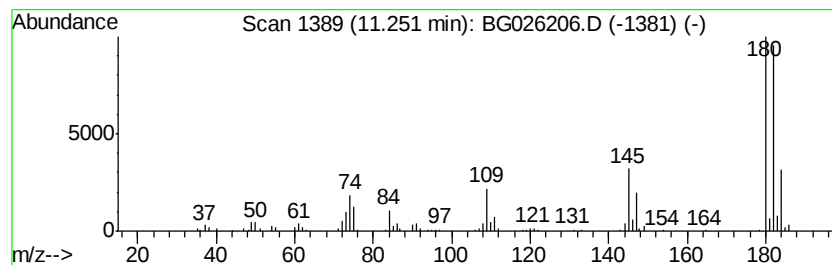
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 Benzene, 1,2,3-trichloro- Concentration Rank 3

| R.T.  | EstConc    | Area   | Relative to ISTD | R.T.  |
|-------|------------|--------|------------------|-------|
| 11.25 | 7.91 ng/ul | 306237 | Naphthalene-d8   | 10.86 |

| Hit# | of | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1,2,3-trichloro- | 180 | C6H3Cl3 | 000087-61-6 | 99   |
| 2    |    | Benzene, 1,3,5-trichloro- | 180 | C6H3Cl3 | 000108-70-3 | 98   |
| 3    |    | Benzene, 1,3,5-trichloro- | 180 | C6H3Cl3 | 000108-70-3 | 97   |
| 4    |    | Benzene, 1,2,4-trichloro- | 180 | C6H3Cl3 | 000120-82-1 | 97   |
| 5    |    | Benzene, 1,3,5-trichloro- | 180 | C6H3Cl3 | 000108-70-3 | 95   |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Benzene, 1,2-dich... | 8.42  | 11.0    | ng/ul | 309572   | 1                     | 8.06  | 562249 | 20.0 |
| Benzene, 1,3,5-tr... | 10.73 | 51.3    | ng/ul | 1986240  | 2                     | 10.86 | 774280 | 20.0 |
| Benzene, 1,2,3-tr... | 11.25 | 7.9     | ng/ul | 306237   | 2                     | 10.86 | 774280 | 20.0 |