

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW030419\  
Quantitation Report (LSC Reviewed)

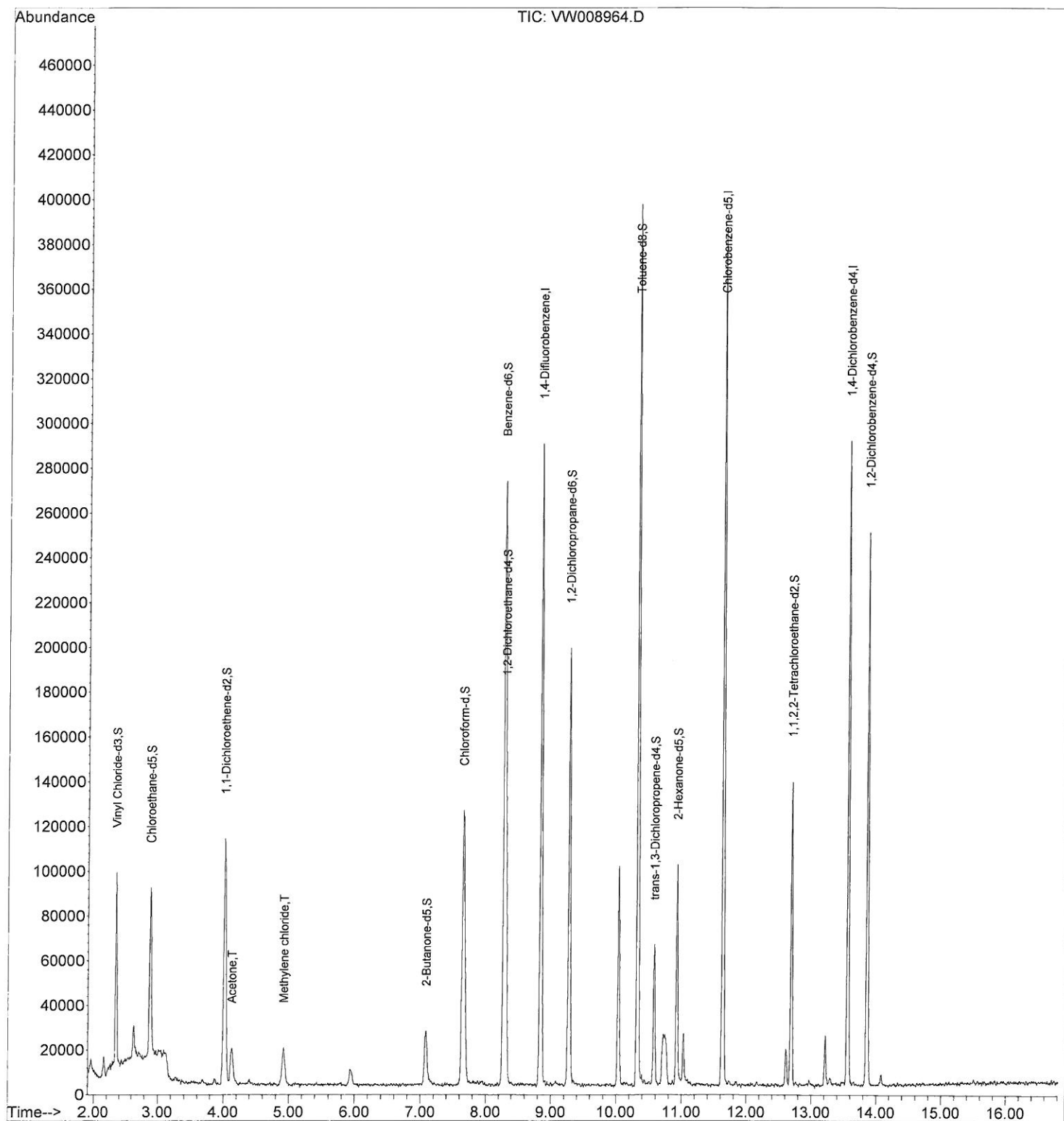
Data File : VW008964.D  
Acq On : 04 Mar 2019 13:59  
Operator : SY/VA  
Sample : K1657-05RE  
Misc : 6.51G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DB649RE

Manual Integrations  
APPROVED

MMDadoda  
3/5/2019 11:49:11 PM

Quant Time: Mar 05 15:24:34 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM022019S.M  
Quant Title : VOC Analysis  
QLast Update : Tue Mar 05 05:37:38 2019  
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW030419\  
Quantitation Report (Qedit)

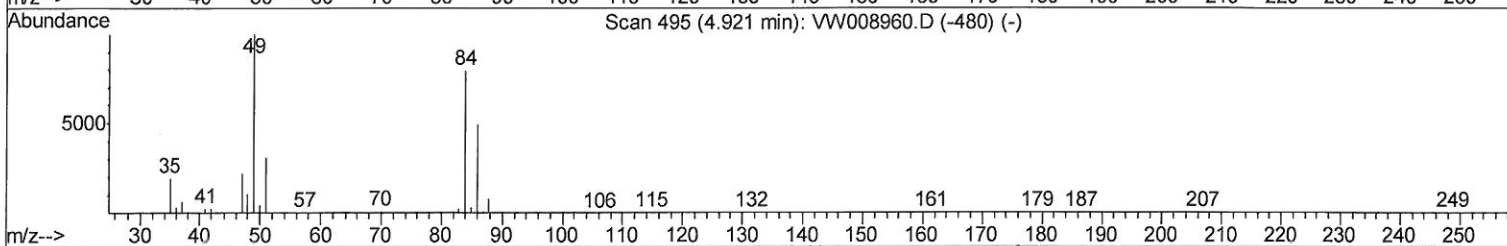
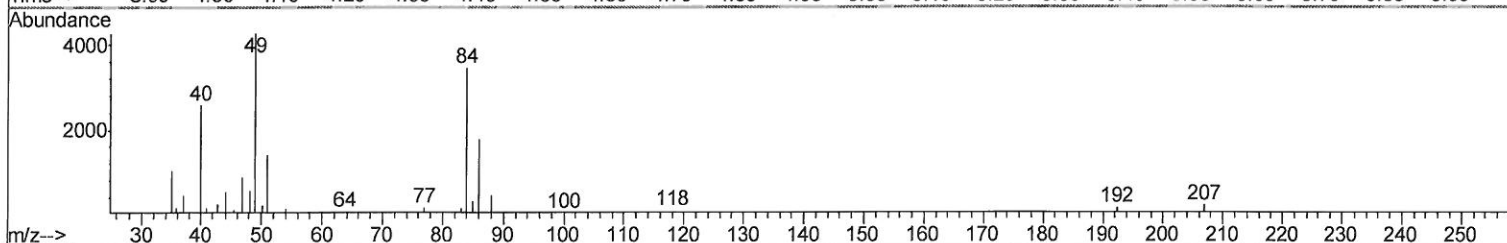
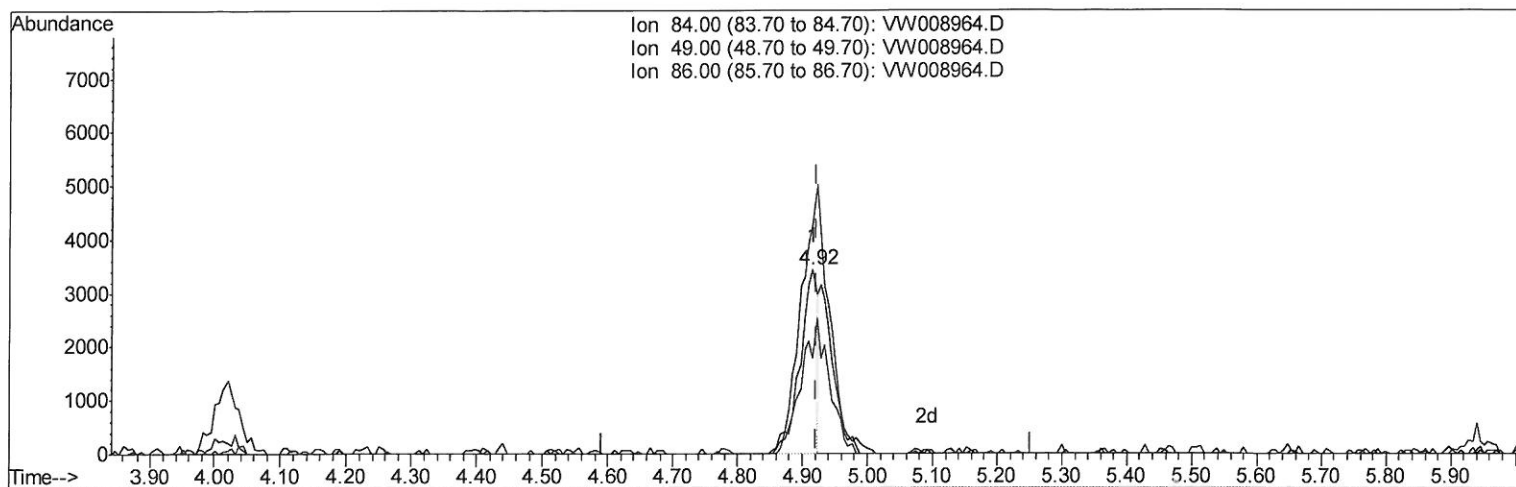
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Manual Integrations  
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MMDadoda  
3/5/2019 11:49:11 PM

Quant Time: Mar 05 06:33:19 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM022019S.M  
Quant Title : VOC Analysis  
QLast Update : Tue Mar 05 05:37:38 2019  
Response via : Initial Calibration



TIC: VW008964.D

(16) Methylene chloride (T)

4.915min (-0.006) 1.68ug/L

response 6216

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100    | 100    |
| 49.00 | 113.10 | 123.81 |
| 86.00 | 61.70  | 51.51  |
| 0.00  | 0.00   | 0.00   |

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Quantitation Report (Qedit)

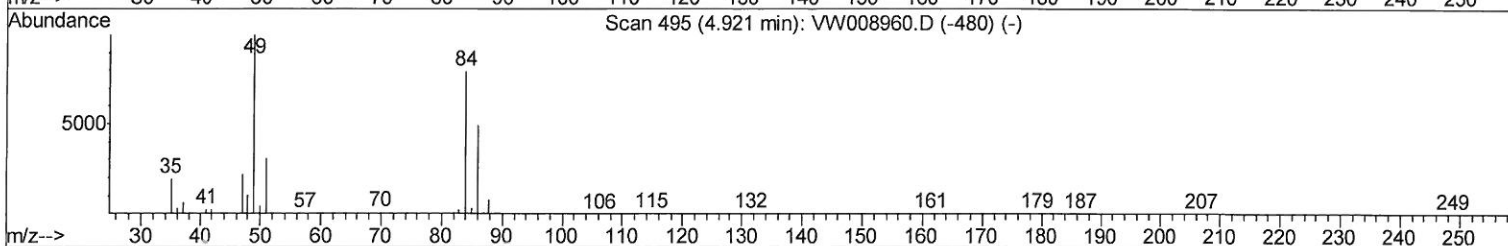
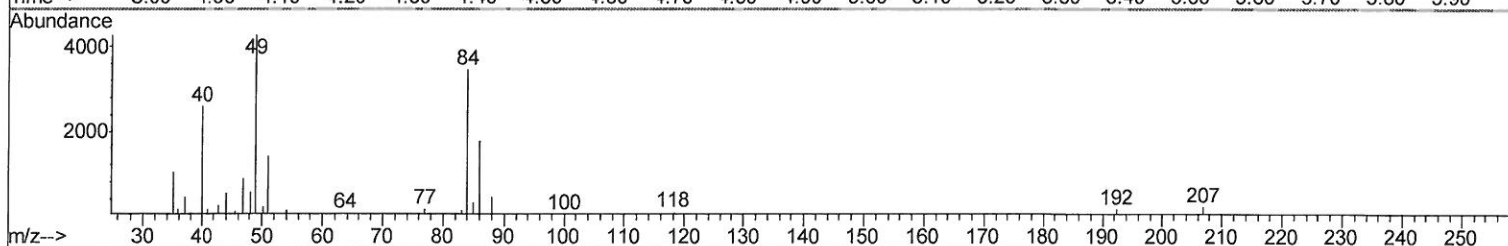
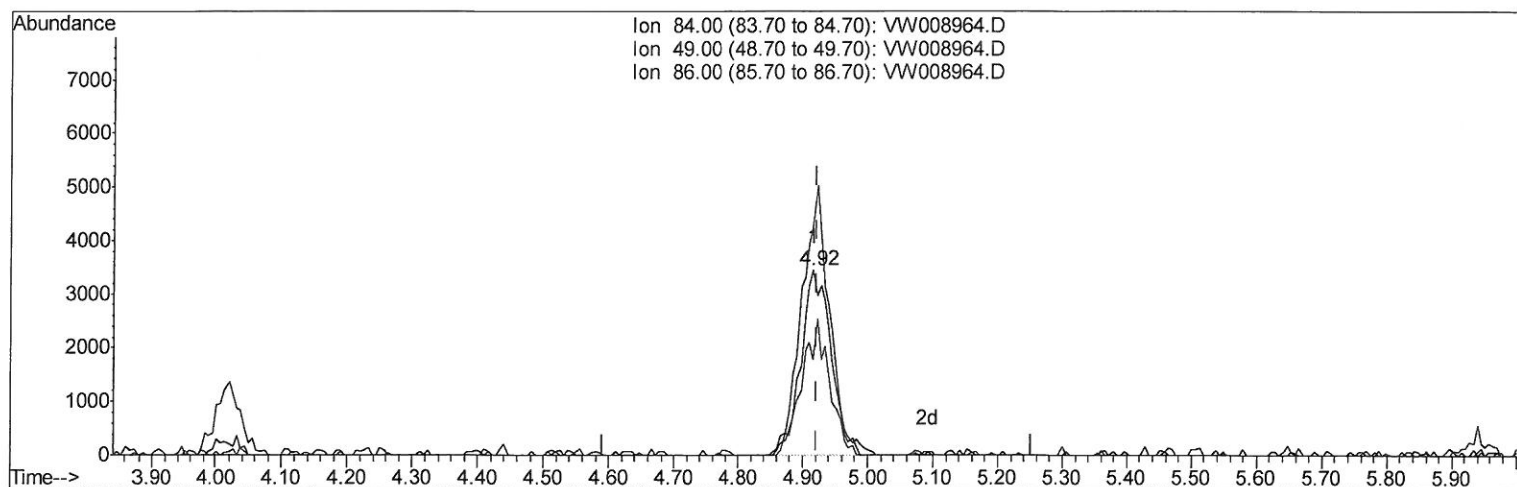
Data File : VW008964.D  
Acq On : 04 Mar 2019 13:59  
Operator : SY/VA  
Sample : K1657-05RE  
Misc : 6.51G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DB649RE

Manual Integrations  
APPROVED

MMDadoda  
3/5/2019 11:49:11 PM

Quant Time: Mar 05 06:51:55 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM022019S.M  
Quant Title : VOC Analysis  
QLast Update : Tue Mar 05 05:37:38 2019  
Response via : Initial Calibration



TIC: VW008964.D

(16) Methylene chloride (T)

4.915min (-0.006) 2.98ug/L m

response 11042

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100    | 100    |
| 49.00 | 113.10 | 123.81 |
| 86.00 | 61.70  | 51.51  |
| 0.00  | 0.00   | 0.00   |

03/05/19 Sy

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Quantitation Report (LSC Reviewed)

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Operator : SY/VA  
Sample : K1657-05RE  
Misc : 6.51G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DB649RE

Manual Integrations  
APPROVED

MMDadoda  
3/5/2019 11:49:11 PM

Quant Time: Mar 05 15:24:34 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM022019S.M  
Quant Title : VOC Analysis  
QLast Update : Tue Mar 05 05:37:38 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 229391   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 205209   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 70995    | 25.00 | ug/L  | 0.00     |

| System Monitoring Compounds    |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 72276    | 20.25    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 81.00%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 73858    | 23.05    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 92.20%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 99173    | 16.71    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 66.84%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 40608    | 38.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 76.32%  |
| 24) Chloroform-d               | 7.65   | 84    | 106212   | 19.15    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 76.60%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 81766    | 24.98    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 99.92%  |
| 29) Benzene-d6                 | 8.27   | 84    | 264759   | 26.88    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 107.52% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 82067    | 28.44    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 113.76% |
| 37) Toluene-d8                 | 10.32  | 98    | 249879   | 25.33    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 101.32% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 31400    | 21.71    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 86.84%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 31375    | 39.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 79.80%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 62142    | 21.45    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 85.80%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 62698    | 24.78    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 99.12%  |

| Target Compounds       |      |    |        | Qvalue         |
|------------------------|------|----|--------|----------------|
| 13) Acetone            | 4.13 | 43 | 28805  | 28.533 ug/L 79 |
| 16) Methylene chloride | 4.92 | 84 | 11042m | > 2.977 ug/L   |

(#) = qualifier out of range (m) = manual integration (+) = signals summed