

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042919\  
Quantitation Report (QT Reviewed)

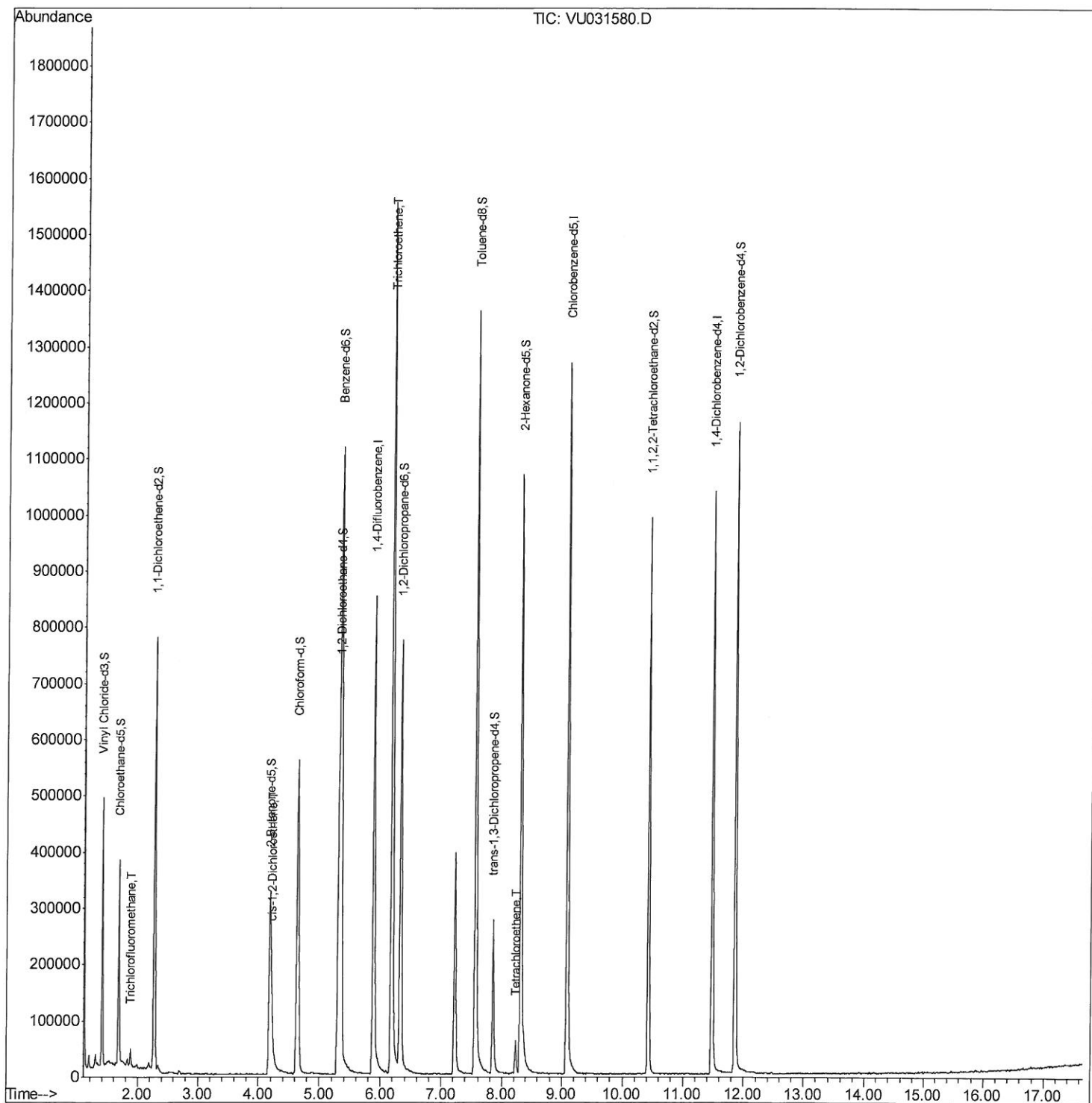
Data File : VU031580.D  
Acq On : 29 Apr 2019 12:49  
Operator : JC/SP  
Sample : K2536-18 20X  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0X06

Manual Integrations  
APPROVED

MMDadoda  
4/30/2019 12:07:03 PM

Quant Time: Apr 30 02:47:05 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042719WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Apr 30 01:54:25 2019  
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042919\  
Quantitation Report (Qedit)

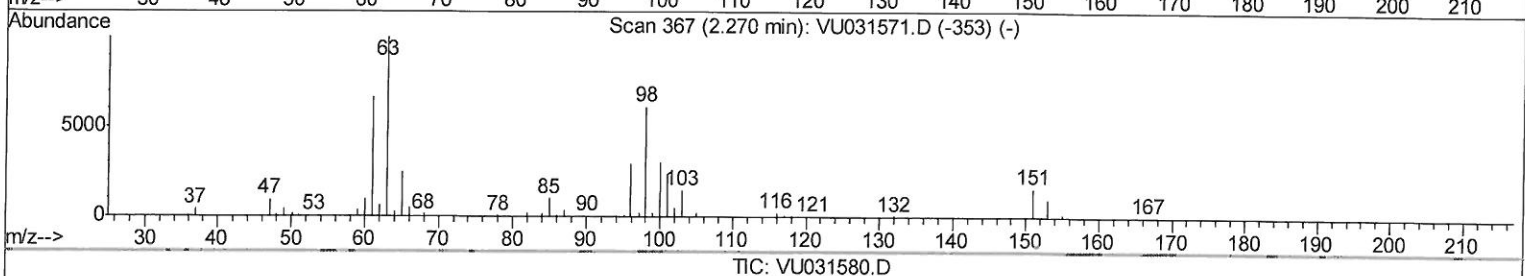
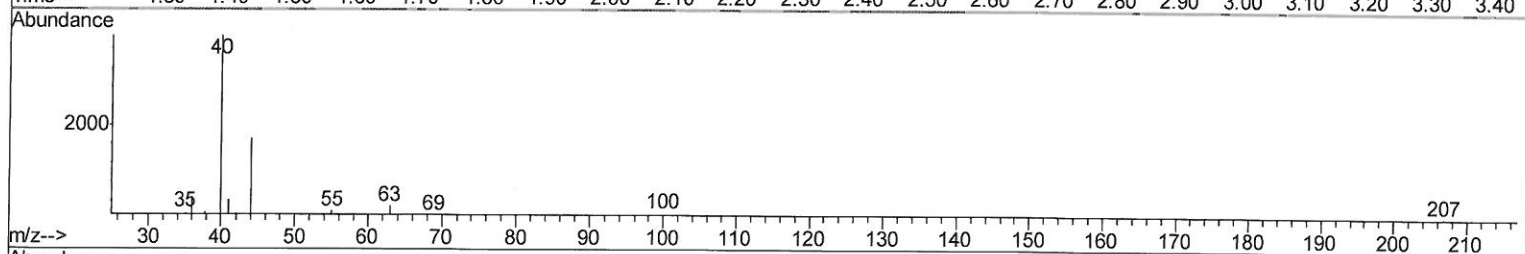
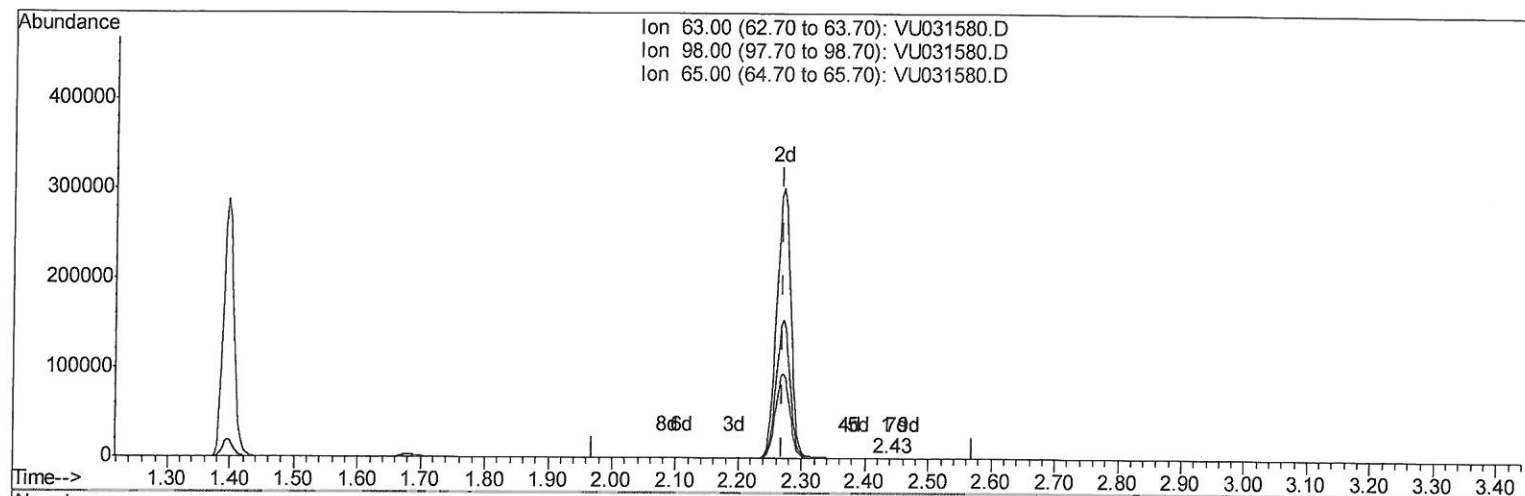
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4/30/2019 12:07:03 PM

Quant Time: Apr 30 01:58:08 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042719WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Apr 30 01:54:25 2019  
Response via : Initial Calibration



(11) 1,1-Dichloroethene-d2 (S)

2.434min (+0.164) 0.03ug/L

response 312

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 63.00 | 100   | 100   |
| 98.00 | 66.60 | 55.45 |
| 65.00 | 23.40 | 23.08 |
| 0.00  | 0.00  | 0.00  |

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Quantitation Report (Qedit)

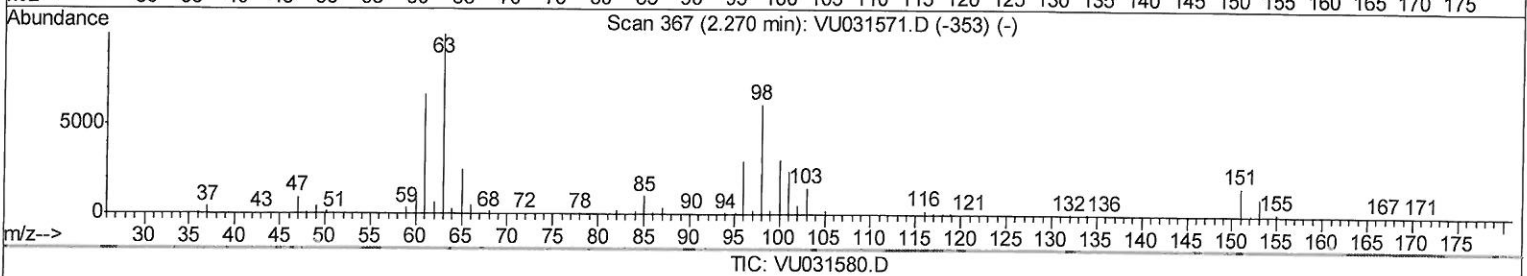
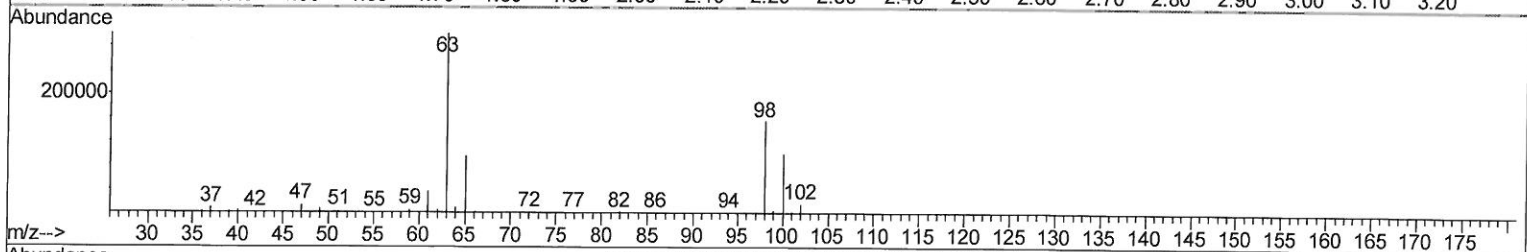
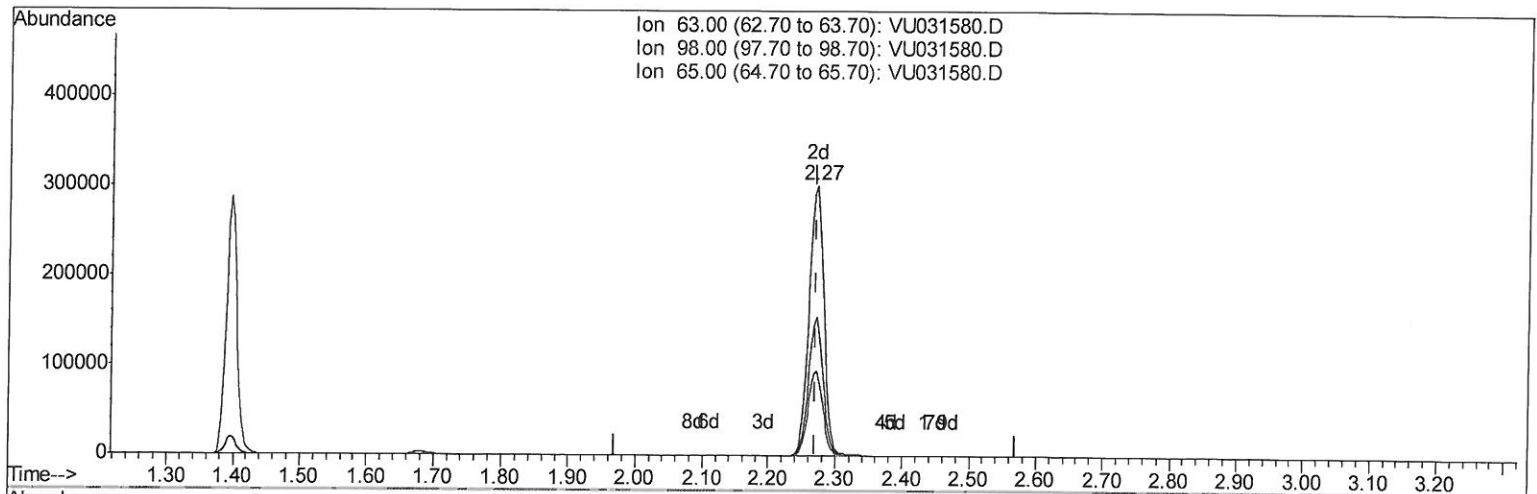
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Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0X06

Manual Integrations  
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Quant Time: Apr 30 01:58:08 2019  
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Response via : Initial Calibration



(11) 1,1-Dichloroethene-d2 (S)

2.270min (-0.000) 39.61ug/L m

response 463335

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 63.00 | 100   | 100   |
| 98.00 | 66.60 | 0.04# |
| 65.00 | 23.40 | 0.02# |
| 0.00  | 0.00  | 0.00  |

7 MD  
5/02/19

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042919\

Quantitation Report (QT Reviewed)

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Acq On : 29 Apr 2019 12:49

Operator : JC/SP

Sample : K2536-18 20X

Misc : 5.0mL/MSVOA\_U/WATER

ALS Vial : 11 Sample Multiplier: 1

Instrument :

MSVOA\_U

ClientSampleId :

C0X06

Manual Integrations  
APPROVEDMMDadoda  
4/30/2019 12:07:03 PM

Quant Time: Apr 30 02:47:05 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042719WMA.M

Quant Title : VOC Analysis

QLast Update : Tue Apr 30 01:54:25 2019

Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 701855   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 681922   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 257819   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |                |     |            |         |      |      |
|--------------------------------|----------------|-----|------------|---------|------|------|
| 4) Vinyl Chloride-d3           | 1.40           | 65  | 309754     | 52.73   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 60 - 135 |     | Recovery = | 105.46% |      |      |
| 7) Chloroethane-d5             | 1.68           | 69  | 249491     | 54.96   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 130 |     | Recovery = | 109.92% |      |      |
| 11) 1,1-Dichloroethene-d2      | 2.27           | 63  | 463335m    | 39.61   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 60 - 125 |     | Recovery = | 79.22%  |      |      |
| 21) 2-Butanone-d5              | 4.18           | 46  | 614797     | 115.52  | ug/L | 0.00 |
| Spiked Amount 100.000          | Range 40 - 130 |     | Recovery = | 115.52% |      |      |
| 24) Chloroform-d               | 4.64           | 84  | 552415     | 51.35   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 102.70% |      |      |
| 26) 1,2-Dichloroethane-d4      | 5.31           | 65  | 378919     | 53.91   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 107.82% |      |      |
| 32) Benzene-d6                 | 5.34           | 84  | 1081668    | 51.66   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 125 |     | Recovery = | 103.32% |      |      |
| 36) 1,2-Dichloropropane-d6     | 6.33           | 67  | 399125     | 54.18   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 70 - 120 |     | Recovery = | 108.36% |      |      |
| 41) Toluene-d8                 | 7.56           | 98  | 925572     | 50.75   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 80 - 120 |     | Recovery = | 101.50% |      |      |
| 43) trans-1,3-Dichloropropene- | 7.85           | 79  | 160515     | 50.76   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 60 - 125 |     | Recovery = | 101.52% |      |      |
| 47) 2-Hexanone-d5              | 8.31           | 63  | 369200     | 115.78  | ug/L | 0.00 |
| Spiked Amount 100.000          | Range 45 - 130 |     | Recovery = | 115.78% |      |      |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43          | 84  | 508128     | 51.39   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 65 - 120 |     | Recovery = | 102.78% |      |      |
| 64) 1,2-Dichlorobenzene-d4     | 11.85          | 152 | 291267     | 53.72   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 80 - 120 |     | Recovery = | 107.44% |      |      |

7 MD  
5/2/19

## Target Compounds

|                            |      |     |        |        | Qvalue   |
|----------------------------|------|-----|--------|--------|----------|
| 9) Trichlorofluoromethane  | 1.88 | 101 | 12021  | 1.208  | ug/L 100 |
| 20) cis-1,2-Dichloroethene | 4.22 | 96  | 13810  | 2.256  | ug/L 97  |
| 34) Trichloroethene        | 6.18 | 95  | 579114 | 95.289 | ug/L 96  |
| 46) Tetrachloroethene      | 8.23 | 164 | 13558  | 3.272  | ug/L 92  |

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