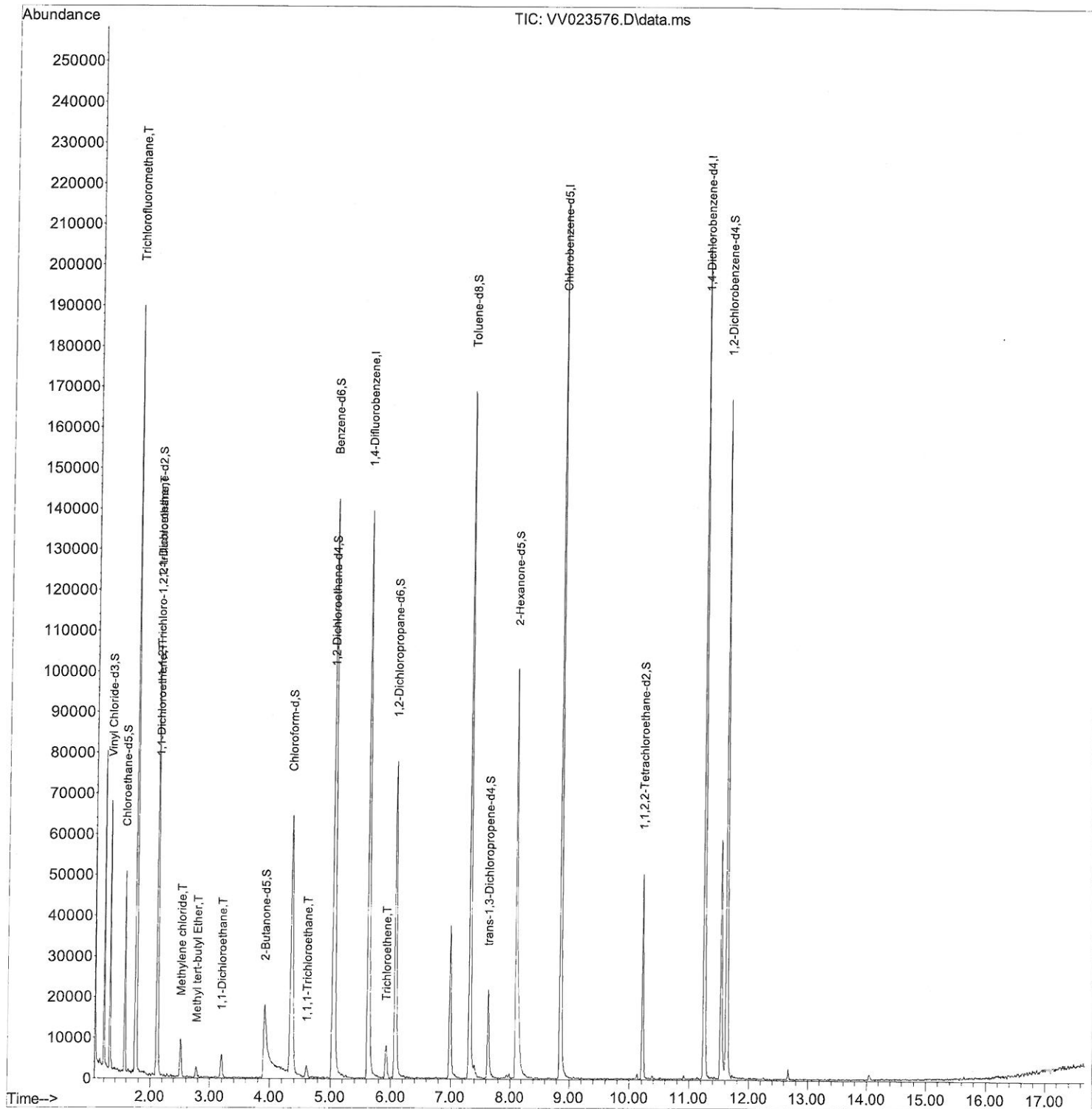Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111721\
Data File : VV023576.D
Acq On   : 17 Nov 2021 17:47
Operator : SY/MD
Sample   : M4617-10DL 4X
Misc   : 25.0mL/MSVOA_V/WATER
ALS Vial : 13   Sample Multiplier: 1

Quant Time: Nov 18 00:23:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 18 00:20:29 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BG208DL

Manual IntegrationsAPPROVED

Reviewed By :John Carlone   11/18/2021
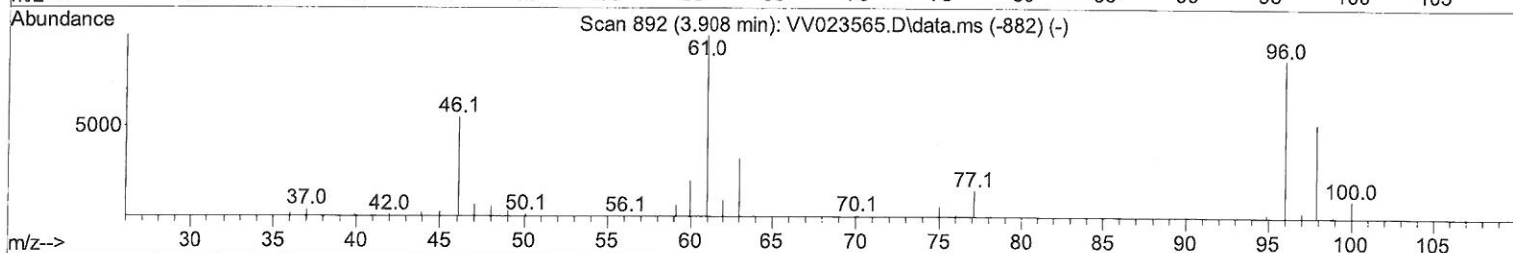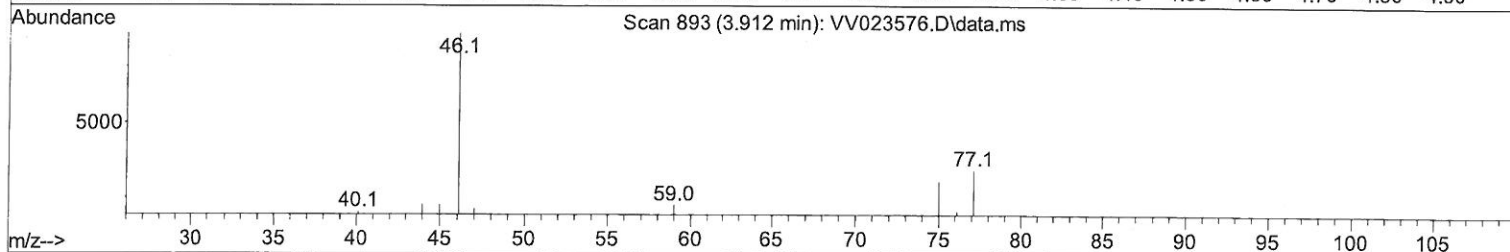Supervised By :Mahesh Dadoda   11/18/2021

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111721\
Data File : VV023576.D
Acq On   : 17 Nov 2021 17:47
Operator : SY/MD
Sample   : M4617-10DL 4X
Misc   : 25.0mL/MSVOA_V/WATER
ALS Vial : 13   Sample Multiplier: 1

Quant Time: Nov 18 00:23:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 18 00:20:29 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BG208DL

Manual IntegrationsAPPROVED

Reviewed By :John Carlone   11/18/2021
Supervised By :Mahesh Dadoda   11/18/2021

Ion 46.10 (45.80 to 46.80): VV023576.D\data.ms
Ion 77.10 (76.80 to 77.80): VV023576.D\data.ms

Scan 893 (3.912 min): VV023576.D\data.ms

Scan 892 (3.908 min): VV023565.D\data.ms (-882) (-)

TIC: VV023576.D\data.ms

(20) 2-Butanone-d5 (S)

3.912min (+ 0.003) 27.09 ug/L

response   36176

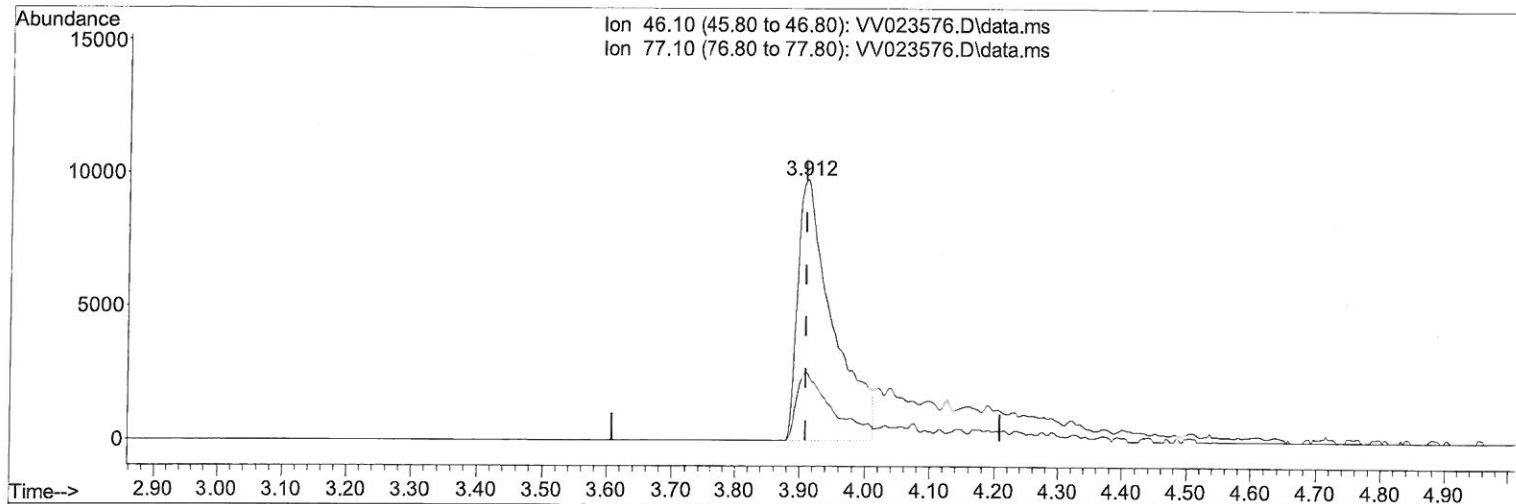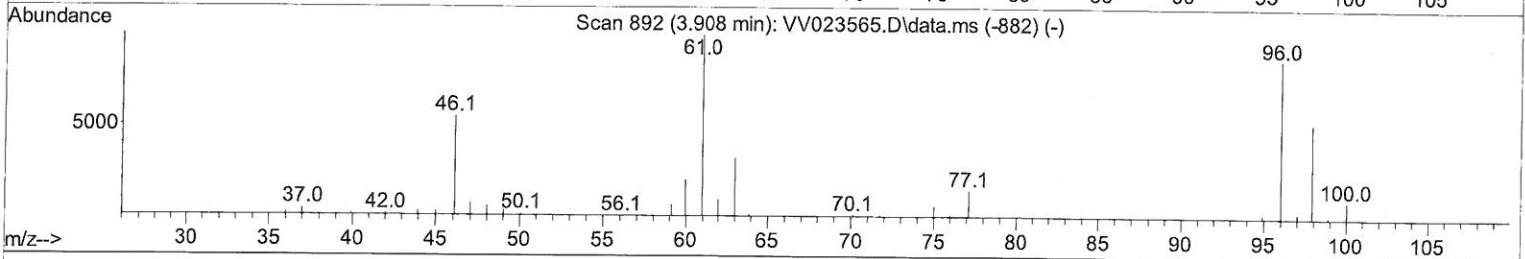| Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.30	22.71
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111721\
Data File : VV023576.D
Acq On   : 17 Nov 2021 17:47
Operator : SY/MD
Sample   : M4617-10DL 4X
Misc   : 25.0mL/MSVOA_V/WATER
ALS Vial : 13   Sample Multiplier: 1

Quant Time: Nov 18 00:23:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 18 00:20:29 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BG208DL

Manual IntegrationsAPPROVED

Reviewed By :John Carlone   11/18/2021
Supervised By :Mahesh Dadoda   11/18/2021

(20) 2-Butanone-d5 (S)

3.912min (+ 0.003)   35.91 ug/L m

response   47955

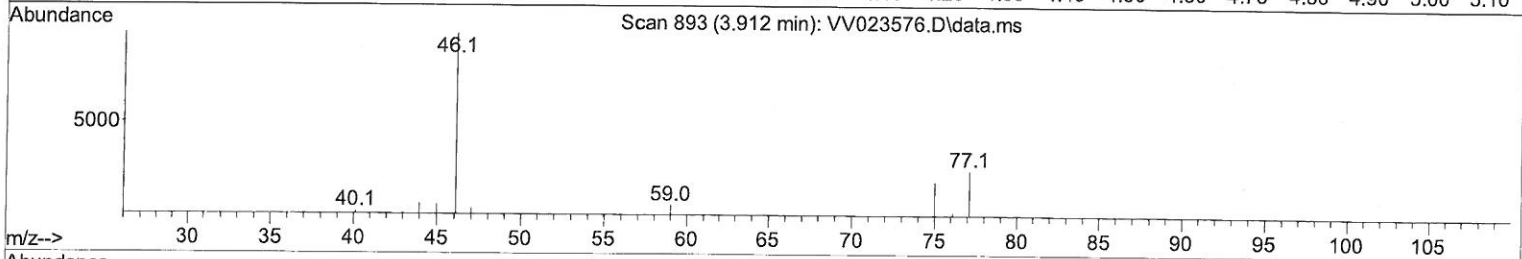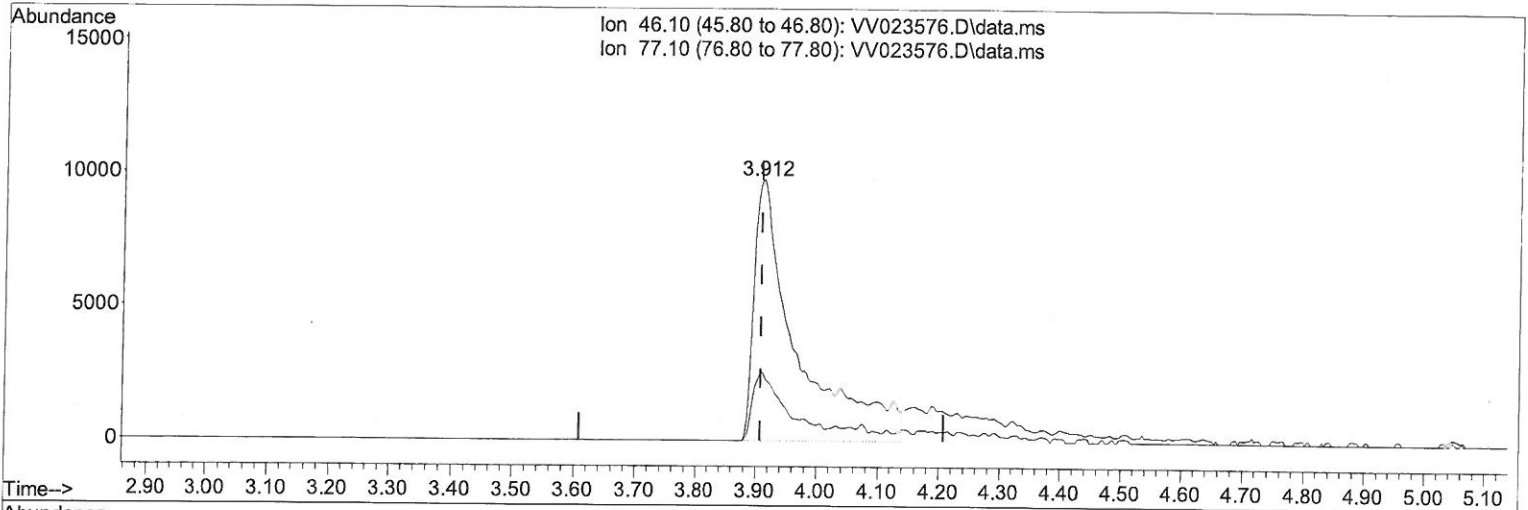| Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.30	17.13
0.00	0.00	0.00
0.00	0.00	0.00

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111721\
Data File : VV023576.D
Acq On    : 17 Nov 2021  17:47
Operator  : SY/MD
Sample    : M4617-10DL 4X
Misc      : 25.0mL/MSVOA_V/WATER
ALS Vial  : 13   Sample Multiplier: 1

Quant Time: Nov 18 00:23:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title  : TRACE VOA SFAM1.0
QLast Update : Thu Nov 18 00:20:29 2021
Response via : Initial Calibration
```

Instrument : MSVOA_V
ClientSampleId : BG208DL

Manual IntegrationsAPPROVED

Reviewed By :John Carlone   11/18/2021
Supervised By :Mahesh Dadoda   11/18/2021

```
         Compound              R.T. QIon  Response  Conc Units Dev(Min)
-----------------------------------------------------------------------
Internal Standards
  1) 1,4-Difluorobenzene       5.619  114   123747    5.000 ug/L   0.00
 28) Chlorobenzene-d5          8.854  117   120606    5.000 ug/L   0.00
 58) 1,4-Dichlorobenzene-d4   11.249  152    56316    5.000 ug/L   0.00

System Monitoring Compounds
  4) Vinyl Chloride-d3         1.304   65    40258    5.193 ug/L   0.00
  Spiked Amount    5.000   Range  40 - 130   Recovery  = 103.800%
  7) Chloroethane-d5           1.568   69    30713    4.861 ug/L   0.00
  Spiked Amount    5.000   Range  65 - 130   Recovery  =  97.200%
 11) 1,1-Dichloroethene-d2     2.108   63    54893    3.782 ug/L   0.00
  Spiked Amount    5.000   Range  60 - 125   Recovery  =  75.600%
 20) 2-Butanone-d5             3.912   46    47955m  35.906 ug/L   0.00
  Spiked Amount   50.000   Range  40 - 130   Recovery  =  71.820%
 24) Chloroform-d              4.349   84    63093    3.819 ug/L   0.00
  Spiked Amount    5.000   Range  70 - 125   Recovery  =  76.400%
 26) 1,2-Dichloroethane-d4     5.034   65    30787    4.144 ug/L   0.00
  Spiked Amount    5.000   Range  70 - 130   Recovery  =  82.800%
 32) Benzene-d6                5.050   84   131465    4.248 ug/L   0.00
  Spiked Amount    5.000   Range  70 - 125   Recovery  =  85.000%
 36) 1,2-Dichloropropane-d6    6.072   67    37037    4.066 ug/L   0.00
  Spiked Amount    5.000   Range  60 - 140   Recovery  =  81.400%
 41) Toluene-d8                7.317   98   112947    3.895 ug/L   0.00
  Spiked Amount    5.000   Range  70 - 130   Recovery  =  77.800%
 43) trans-1,3-Dichloroprop... 7.625   79    13457    3.896 ug/L   0.00
  Spiked Amount    5.000   Range  55 - 130   Recovery  =  78.000%
 46) 2-Hexanone-d5             8.092   63    44214   34.790 ug/L   0.00
  Spiked Amount   50.000   Range  45 - 130   Recovery  =  69.580%
 56) 1,1,2,2-Tetrachloroeth.. 10.217   84    23599    3.602 ug/L   0.00
  Spiked Amount    5.000   Range  65 - 120   Recovery  =  72.000%
 66) 1,2-Dichlorobenzene-d4   11.625  152    44434    4.738 ug/L   0.00
  Spiked Amount    5.000   Range  80 - 120   Recovery  =  94.800%

Target Compounds                                          Qvalue
  9) Trichlorofluoromethane    1.751  101   107420    6.977 ug/L    100
 10) 1,1,2-Trichloro-1,2,2-... 2.114  101     1709    0.221 ug/L     92
 12) 1,1-Dichloroethene        2.118   96     3063    0.415 ug/L #    1
 16) Methylene chloride        2.510   84     3726    0.346 ug/L     84
 17) Methyl tert-butyl Ether   2.770   73     2271    0.140 ug/L #   70
 19) 1,1-Dichloroethane        3.195   63     5738    0.375 ug/L     95
 29) 1,1,1-Trichloroethane     4.609   97     2131    0.145 ug/L     94
 34) Trichloroethene           5.921   95     2495    0.278 ug/L     91
-----------------------------------------------------------------------

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