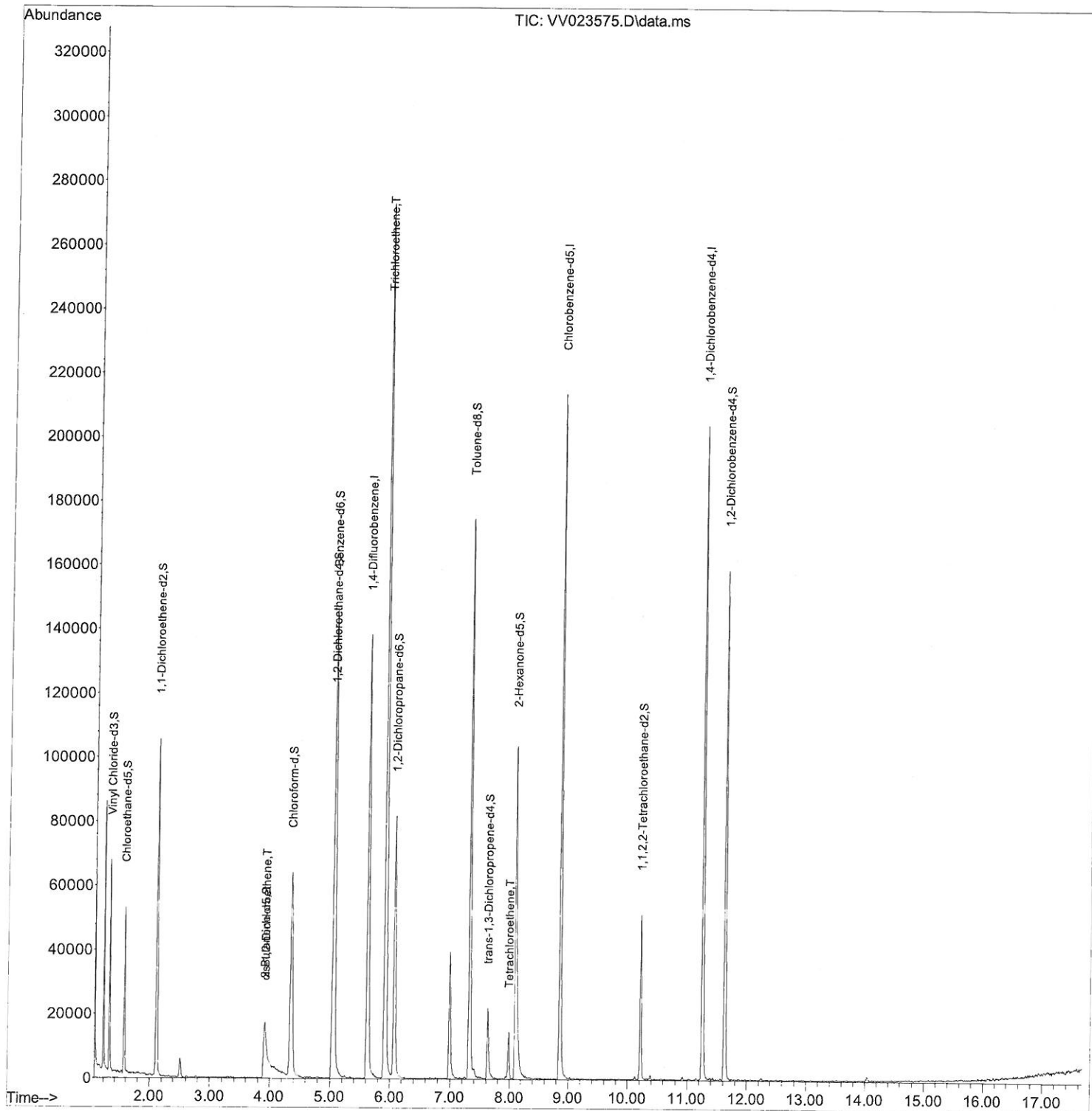Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111721\
Data File : VV023575.D
Acq On    : 17 Nov 2021  17:23
Operator  : SY/MD
Sample    : M4617-06DL 20X
Misc      : 25.0mL/MSVOA_V/WATER
ALS Vial  : 12   Sample Multiplier: 1

Quant Time: Nov 18 00:23:03 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 :**
BG227DL

**Manual IntegrationsAPPROVED**

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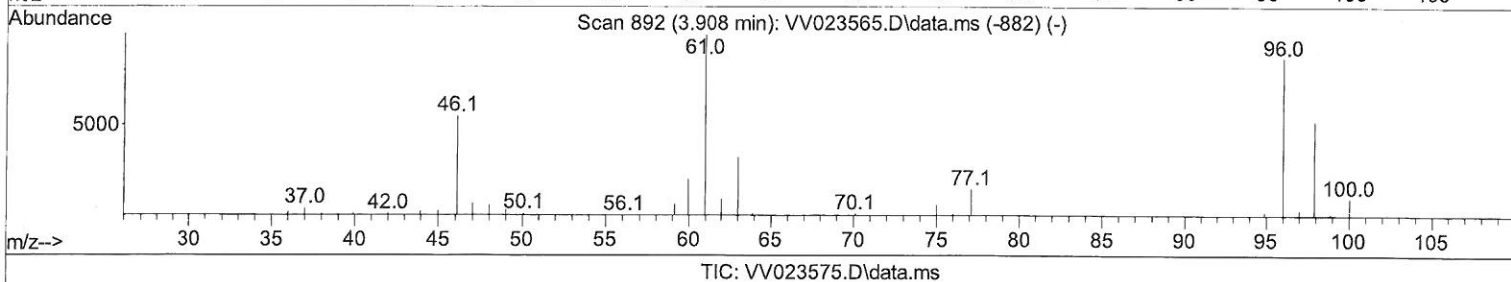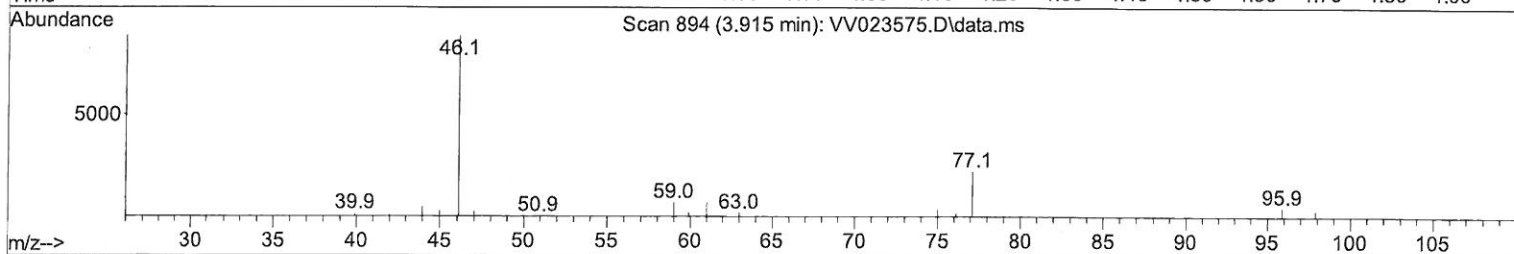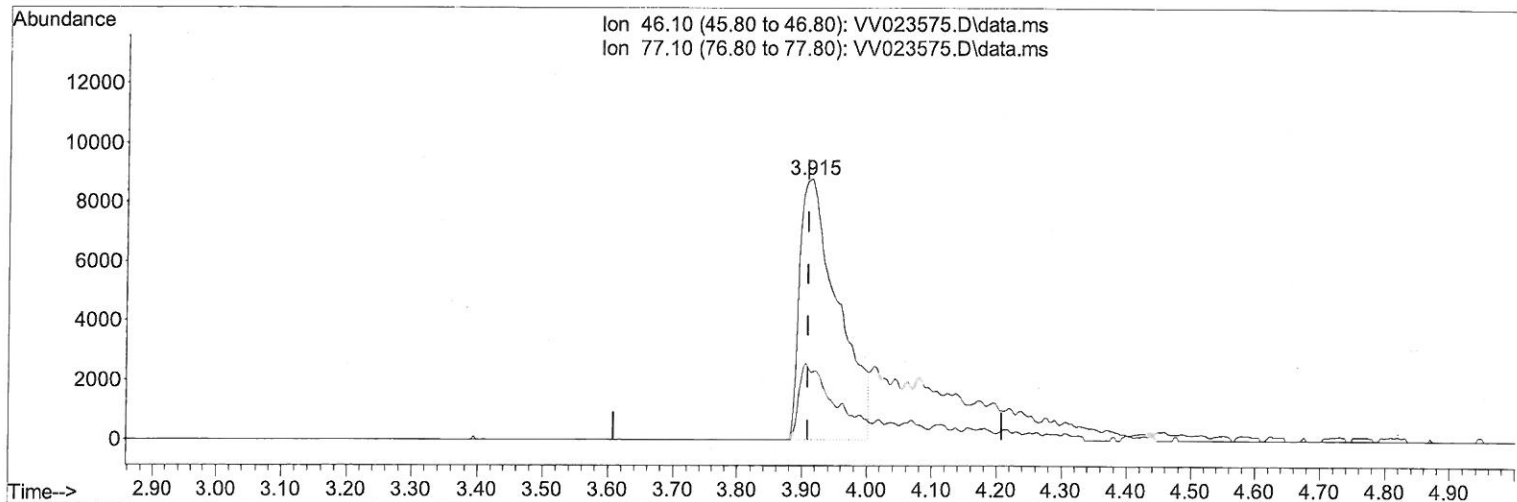Supervised By :Mahesh Dadoda    11/18/2021

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111721\
Data File : VV023575.D
Acq On    : 17 Nov 2021  17:23
Operator  : SY/MD
Sample    : M4617-06DL 20X
Misc      : 25.0mL/MSVOA_V/WATER
ALS Vial  : 12   Sample Multiplier: 1

Quant Time: Nov 18 00:23:03 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 :**
BG227DL

**Manual IntegrationsAPPROVED**

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

Ion 46.10 (45.80 to 46.80): VV023575.D\data.ms
Ion 77.10 (76.80 to 77.80): VV023575.D\data.ms

Scan 894 (3.915 min): VV023575.D\data.ms

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

TIC: VV023575.D\data.ms

(20)  2-Butanone-d5 (S)

3.915min (+ 0.006)  26.55 ug/L

response       35830

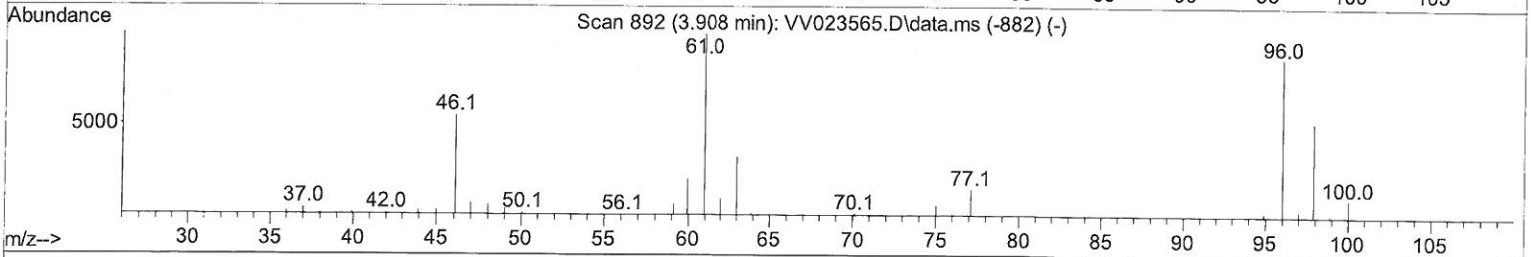| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.10 | 100.00 | 100.00 |
| 77.10 | 22.30  | 9.43#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111721\
Data File : VV023575.D
Acq On    : 17 Nov 2021  17:23
Operator  : SY/MD
Sample    : M4617-06DL 20X
Misc      : 25.0mL/MSVOA_V/WATER
ALS Vial  : 12   Sample Multiplier: 1

Quant Time: Nov 18 00:23:03 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 :**
BG227DL

**Manual IntegrationsAPPROVED**

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



(20)  2-Butanone-d5 (S)

3.915min (+ 0.006)  36.41 ug/L m

response      49132

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.10 | 100.00 | 100.00 |
| 77.10 | 22.30  | 6.88#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

```
                    Quantitation Report     (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111721\
Data File : VV023575.D
Acq On    : 17 Nov 2021  17:23
Operator  : SY/MD
Sample    : M4617-06DL 20X
Misc      : 25.0mL/MSVOA_V/WATER
ALS Vial  : 12    Sample Multiplier: 1

Quant Time: Nov 18 00:23:03 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
```
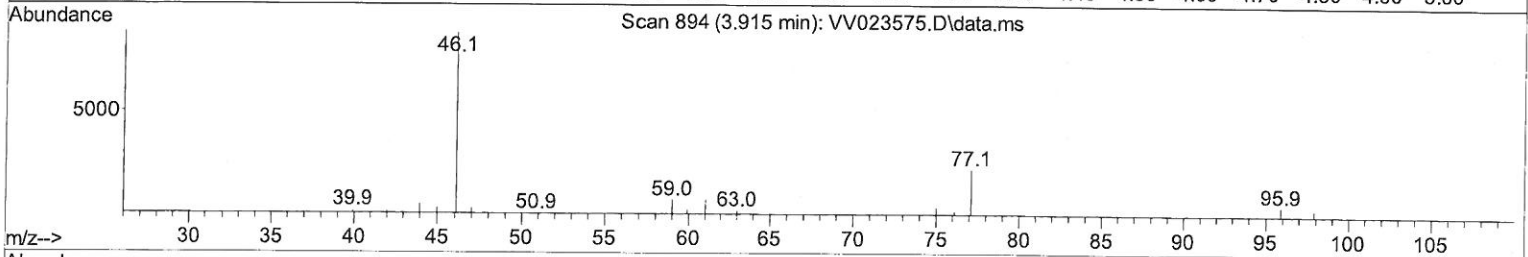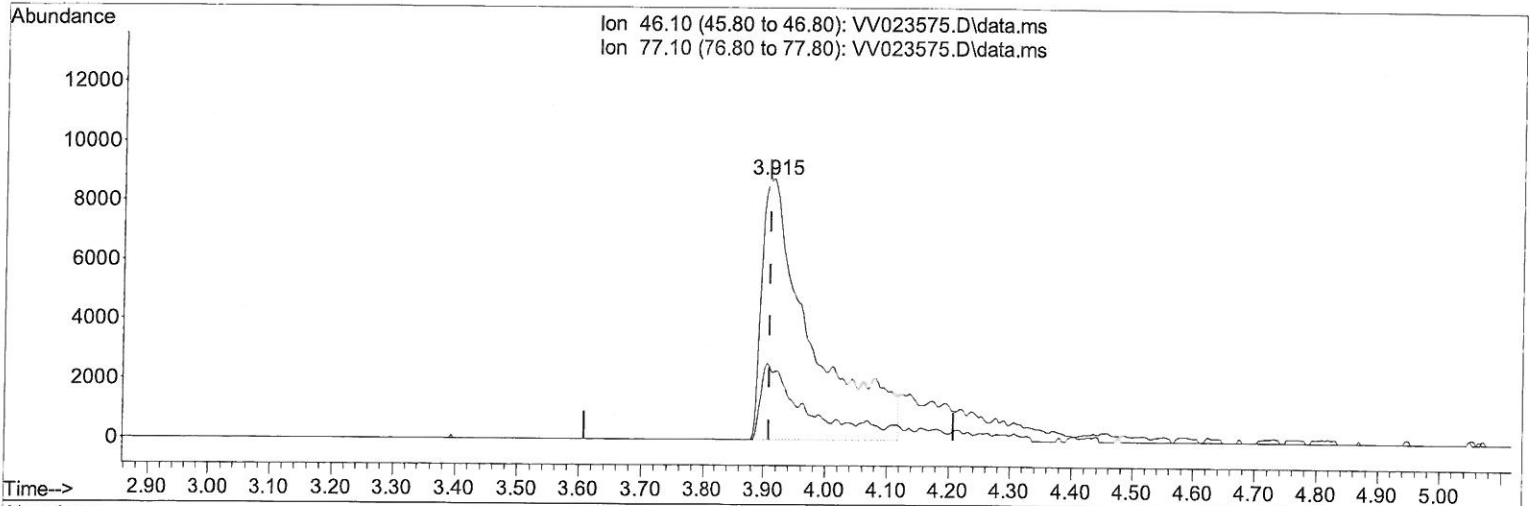
```
        Compound              R.T. QIon  Response  Conc Units Dev(Min)
-------------------------------------------------------------------------
Internal Standards
  1) 1,4-Difluorobenzene      5.619  114   125023    5.000 ug/L    0.00
 28) Chlorobenzene-d5         8.853  117   119545    5.000 ug/L    0.00
 58) 1,4-Dichlorobenzene-d4  11.249  152    54698    5.000 ug/L    0.00

System Monitoring Compounds
  4) Vinyl Chloride-d3        1.304   65    40880    5.219 ug/L    0.00
  Spiked Amount     5.000   Range  40 - 130   Recovery  =  104.400%
  7) Chloroethane-d5          1.568   69    30562    4.788 ug/L    0.00
  Spiked Amount     5.000   Range  65 - 130   Recovery  =   95.800%
 11) 1,1-Dichloroethene-d2    2.105   63    55749    3.802 ug/L    0.00
  Spiked Amount     5.000   Range  60 - 125   Recovery  =   76.000%
 20) 2-Butanone-d5            3.915   46    49132m  36.412 ug/L    0.00
  Spiked Amount    50.000   Range  40 - 130   Recovery  =   72.820%
 24) Chloroform-d             4.349   84    64882    3.887 ug/L    0.00
  Spiked Amount     5.000   Range  70 - 125   Recovery  =   77.800%
 26) 1,2-Dichloroethane-d4    5.037   65    31779    4.234 ug/L    0.00
  Spiked Amount     5.000   Range  70 - 130   Recovery  =   84.600%
 32) Benzene-d6               5.050   84   132748    4.328 ug/L    0.00
  Spiked Amount     5.000   Range  70 - 125   Recovery  =   86.600%
 36) 1,2-Dichloropropane-d6   6.072   67    38742    4.291 ug/L    0.00
  Spiked Amount     5.000   Range  60 - 140   Recovery  =   85.800%
 41) Toluene-d8               7.317   98   116316    4.047 ug/L    0.00
  Spiked Amount     5.000   Range  70 - 130   Recovery  =   81.000%
 43) trans-1,3-Dichloroprop... 7.625  79    14523    4.242 ug/L    0.00
  Spiked Amount     5.000   Range  55 - 130   Recovery  =   84.800%
 46) 2-Hexanone-d5            8.091   63    43157   34.260 ug/L    0.00
  Spiked Amount    50.000   Range  45 - 130   Recovery  =   68.520%
 56) 1,1,2,2-Tetrachloroeth... 10.217  84    24158    3.720 ug/L    0.00
  Spiked Amount     5.000   Range  65 - 120   Recovery  =   74.400%
 66) 1,2-Dichlorobenzene-d4  11.625  152    42127    4.625 ug/L    0.00
  Spiked Amount     5.000   Range  80 - 120   Recovery  =   92.600%

Target Compounds                                         Qvalue
 22) cis-1,2-Dichloroethene   3.921   96     1575    0.179 ug/L #   77
 34) Trichloroethene          5.915   95    94270   10.609 ug/L     98
 47) Tetrachloroethene        7.979  164     3530    0.458 ug/L     91
-------------------------------------------------------------------------

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

(handwritten: MD 11/26/21)