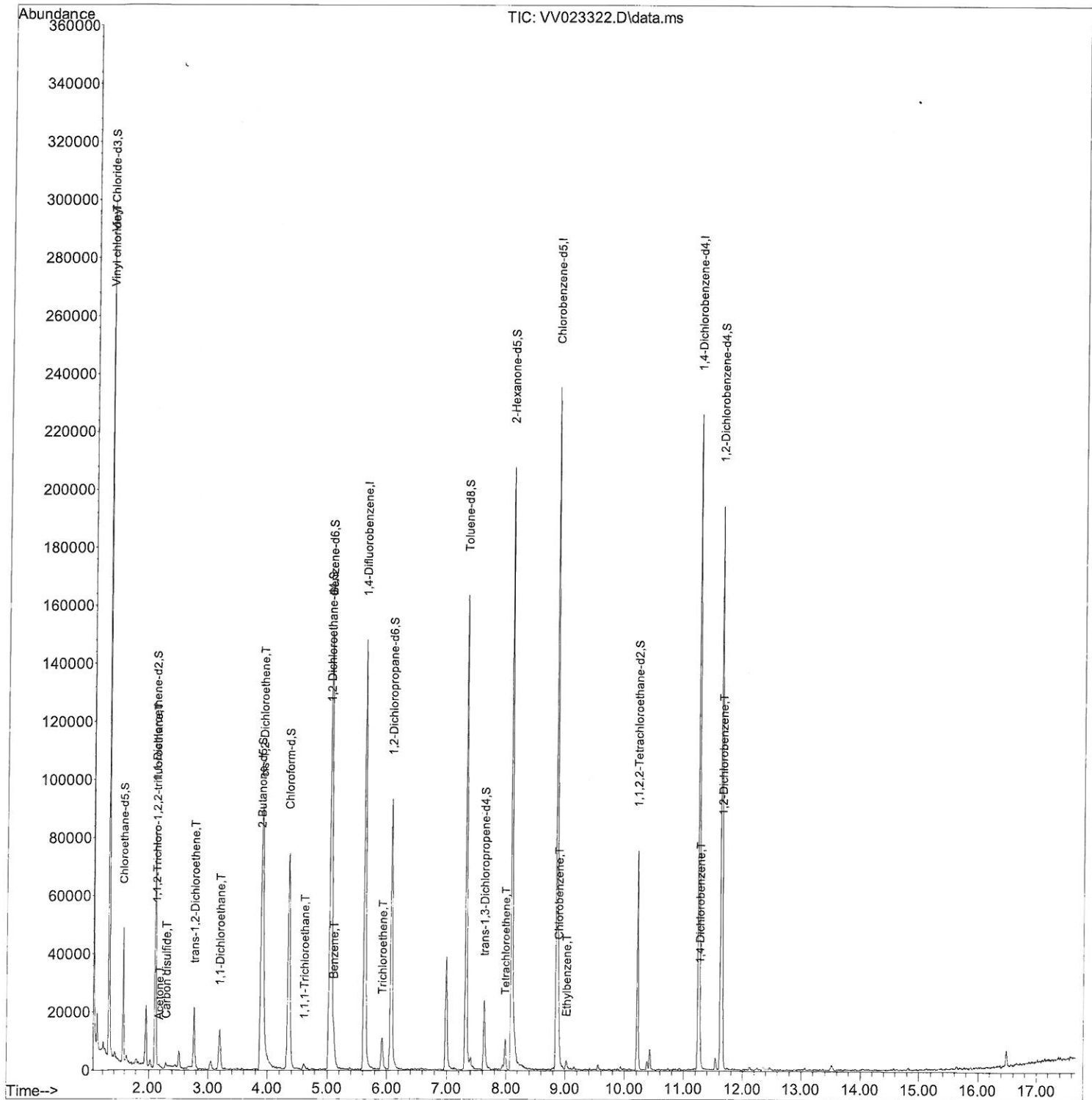Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110921\
Data File : VV023322.D
Acq On   : 10 Nov 2021 11:03
Operator : SY/MD
Sample   : M4522-13
Misc   : 25.0mL/MSVOA_V/WATER
ALS Vial : 31   Sample Multiplier: 1

Quant Time: Nov 11 00:40:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 11 00:38:57 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BG326

Manual IntegrationsAPPROVED

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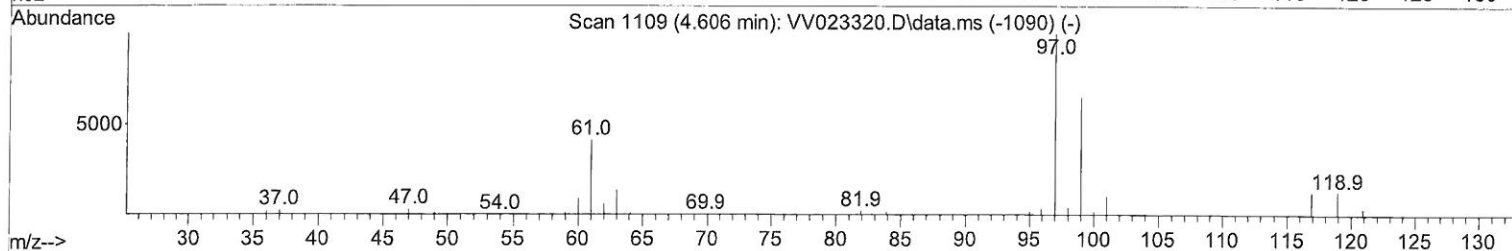Supervised By :Mahesh Dadoda   11/11/2021

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110921\
Data File : VV023322.D
Acq On   : 10 Nov 2021 11:03
Operator : SY/MD
Sample   : M4522-13
Misc   : 25.0mL/MSVOA_V/WATER
ALS Vial : 31   Sample Multiplier: 1

Quant Time: Nov 11 00:40:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 11 00:38:57 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BG326

Manual IntegrationsAPPROVED

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

(29) 1,1,1-Trichloroethane (T)

4.609min (+ 0.003) 0.09 ug/L

response   1400

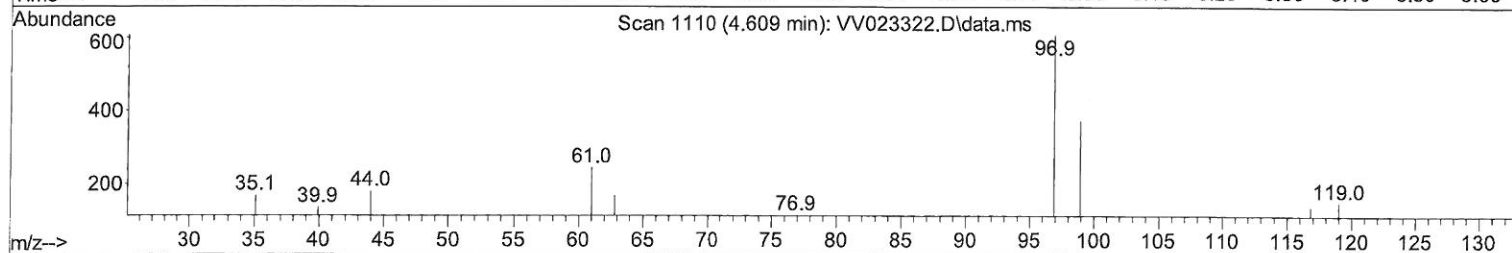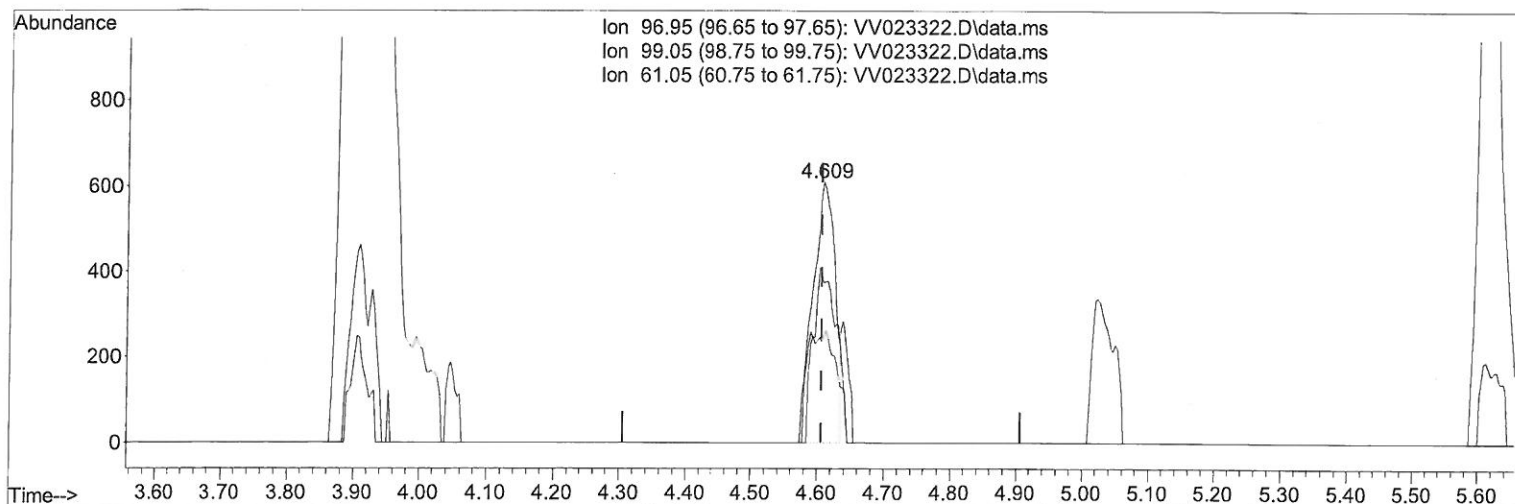| Ion	Exp%	Act%
96.95	100.00	100.00
99.05	63.70	77.64#
61.05	42.60	12.07#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110921\
Data File : VV023322.D
Acq On   : 10 Nov 2021 11:03
Operator : SY/MD
Sample   : M4522-13
Misc   : 25.0mL/MSVOA_V/WATER
ALS Vial : 31   Sample Multiplier: 1

Quant Time: Nov 11 00:40:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 11 00:38:57 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BG326

Manual IntegrationsAPPROVED

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

Ion 96.95 (96.65 to 97.65): VV023322.D\data.ms
Ion 99.05 (98.75 to 99.75): VV023322.D\data.ms
Ion 61.05 (60.75 to 61.75): VV023322.D\data.ms

Scan 1110 (4.609 min): VV023322.D\data.ms

Scan 1109 (4.606 min): VV023320.D\data.ms (-1090) (-)

TIC: VV023322.D\data.ms

(29) 1,1,1-Trichloroethane (T)

4.609min (+ 0.003) 0.10 ug/L m

response   1593

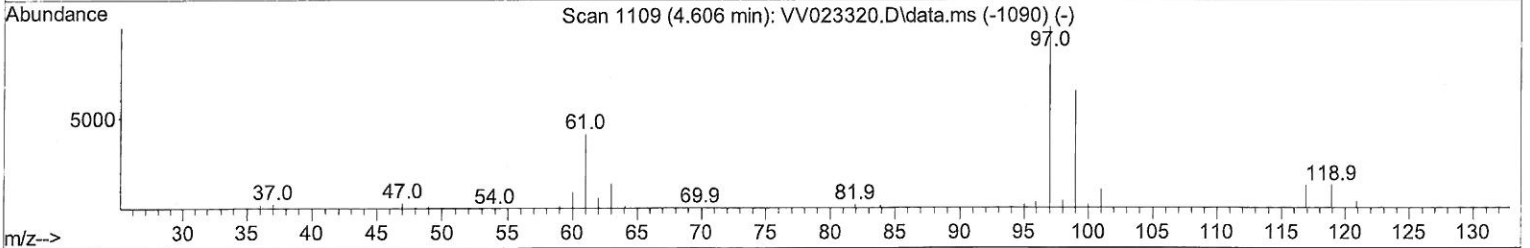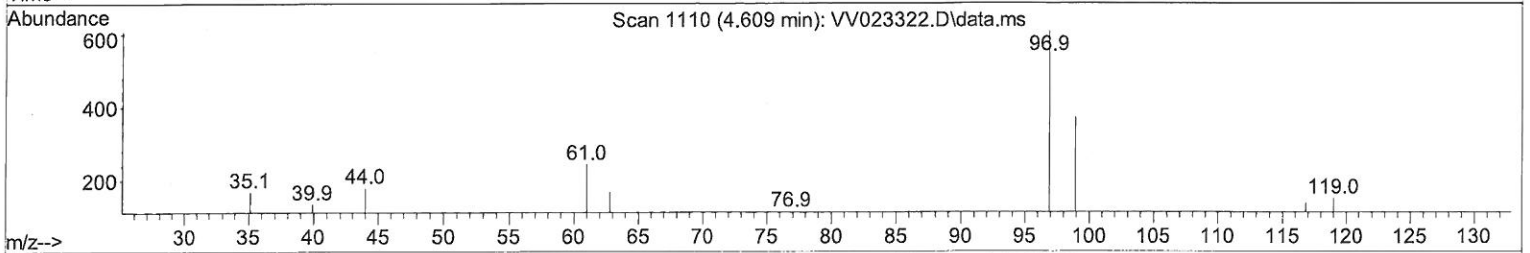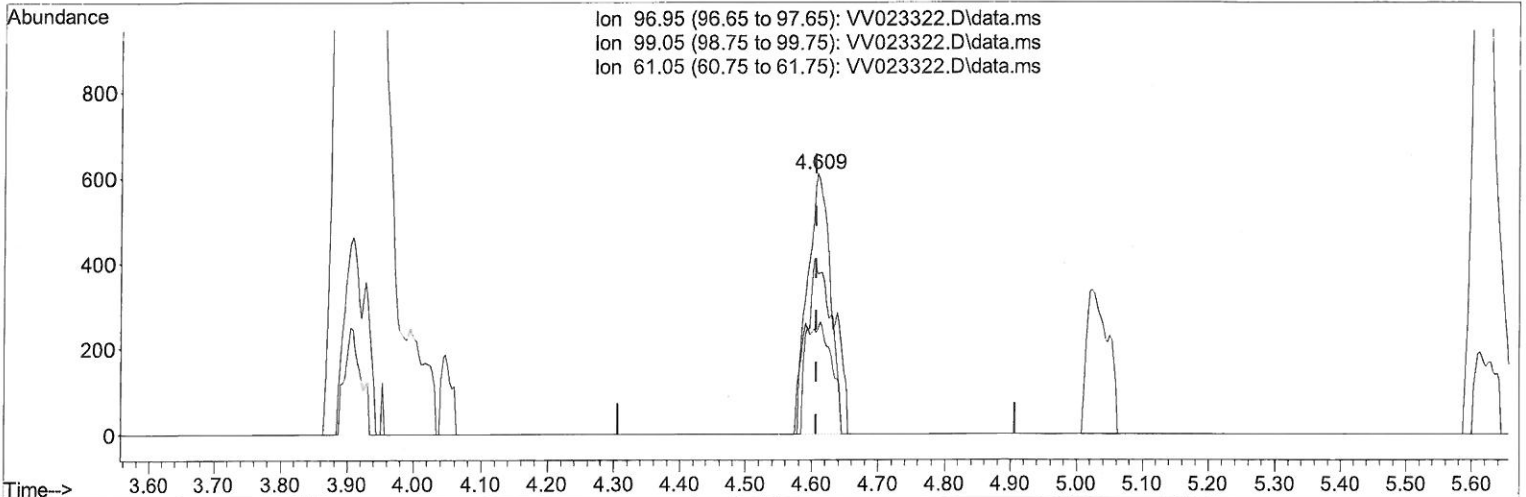| Ion	Exp%	Act%
96.95	100.00	100.00
99.05	63.70	68.24
61.05	42.60	10.61#
0.00	0.00	0.00

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110921\
Data File : VV023322.D
Acq On    : 10 Nov 2021  11:03
Operator  : SY/MD
Sample    : M4522-13
Misc      : 25.0mL/MSVOA_V/WATER
ALS Vial  : 31   Sample Multiplier: 1

Quant Time: Nov 11 00:40:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title  : TRACE VOA SFAM1.0
QLast Update : Thu Nov 11 00:38:57 2021
Response via : Initial Calibration
```

Instrument : MSVOA_V
ClientSampleId : BG326

Manual IntegrationsAPPROVED

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

```
       Compound               R.T. QIon  Response  Conc Units Dev(Min)
-------------------------------------------------------------------------
Internal Standards
   1) 1,4-Difluorobenzene      5.616  114   128147     5.000 ug/L    0.00
  28) Chlorobenzene-d5         8.854  117   131063     5.000 ug/L    0.00
  58) 1,4-Dichlorobenzene-d4  11.249  152    62172     5.000 ug/L    0.00

System Monitoring Compounds
   4) Vinyl Chloride-d3        1.307   65    27252     3.395 ug/L    0.00
   Spiked Amount    5.000  Range  40 - 130    Recovery  =    67.800%
   7) Chloroethane-d5          1.568   69    26065     3.984 ug/L    0.00
   Spiked Amount    5.000  Range  65 - 130    Recovery  =    79.600%
  11) 1,1-Dichloroethene-d2    2.108   63    39245     2.611 ug/L    0.00
   Spiked Amount    5.000  Range  60 - 125    Recovery  =    52.200%#
  20) 2-Butanone-d5            3.886   46    98141    70.959 ug/L   -0.01
   Spiked Amount   50.000  Range  40 - 130    Recovery  =   141.920%#
  24) Chloroform-d             4.349   84    75762     4.428 ug/L    0.00
   Spiked Amount    5.000  Range  70 - 125    Recovery  =    88.600%
  26) 1,2-Dichloroethane-d4    5.034   65    37320     4.851 ug/L    0.00
   Spiked Amount    5.000  Range  70 - 130    Recovery  =    97.000%
  32) Benzene-d6               5.050   84   134871     4.011 ug/L    0.00
   Spiked Amount    5.000  Range  70 - 125    Recovery  =    80.200%
  36) 1,2-Dichloropropane-d6   6.069   67    46715     4.719 ug/L    0.00
   Spiked Amount    5.000  Range  60 - 140    Recovery  =    94.400%
  41) Toluene-d8               7.317   98   108795     3.452 ug/L    0.00
   Spiked Amount    5.000  Range  70 - 130    Recovery  =    69.000%#
  43) trans-1,3-Dichloroprop...7.625   79    14506     3.865 ug/L    0.00
   Spiked Amount    5.000  Range  55 - 130    Recovery  =    77.200%
  46) 2-Hexanone-d5            8.088   63    67030    48.535 ug/L    0.00
   Spiked Amount   50.000  Range  45 - 130    Recovery  =    97.080%
  56) 1,1,2,2-Tetrachloroeth...10.217  84    34262     4.813 ug/L    0.00
   Spiked Amount    5.000  Range  65 - 120    Recovery  =    96.200%
  66) 1,2-Dichlorobenzene-d4  11.625  152    48290     4.665 ug/L    0.00
   Spiked Amount    5.000  Range  80 - 120    Recovery  =    93.200%

Target Compounds                                            Qvalue
   5) Vinyl chloride           1.310   62   150114    14.148 ug/L      98
  10) 1,1,2-Trichloro-1,2,2-...2.121  101     3767     0.469 ug/L      99
  13) Acetone                  2.179   43     1403     1.660 ug/L      78
  14) Carbon disulfide         2.294   76     2034     0.071 ug/L      95
  18) trans-1,2-Dichloroethene 2.764   96     8193     0.872 ug/L      93
  19) 1,1-Dichloroethane       3.191   63    13785     0.869 ug/L      96
  22) cis-1,2-Dichloroethene   3.912   96    31617     3.497 ug/L #    85
  29) 1,1,1-Trichloroethane    4.609   97     1593m    0.100 ug/L
  33) Benzene                  5.101   78    13630     0.372 ug/L     100
  34) Trichloroethene          5.918   95     3732     0.383 ug/L      88
  47) Tetrachloroethene        7.979  164     2378     0.282 ug/L      94
  51) Chlorobenzene            8.886  112    13381     0.514 ug/L      94
  52) Ethylbenzene             9.021   91     2465     0.060 ug/L      94
  65) 1,4-Dichlorobenzene     11.275  146     1174     0.063 ug/L      88
  67) 1,2-Dichlorobenzene     11.644  146    15511     0.951 ug/L     100
-------------------------------------------------------------------------
```

> MD
> 11/19/21

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