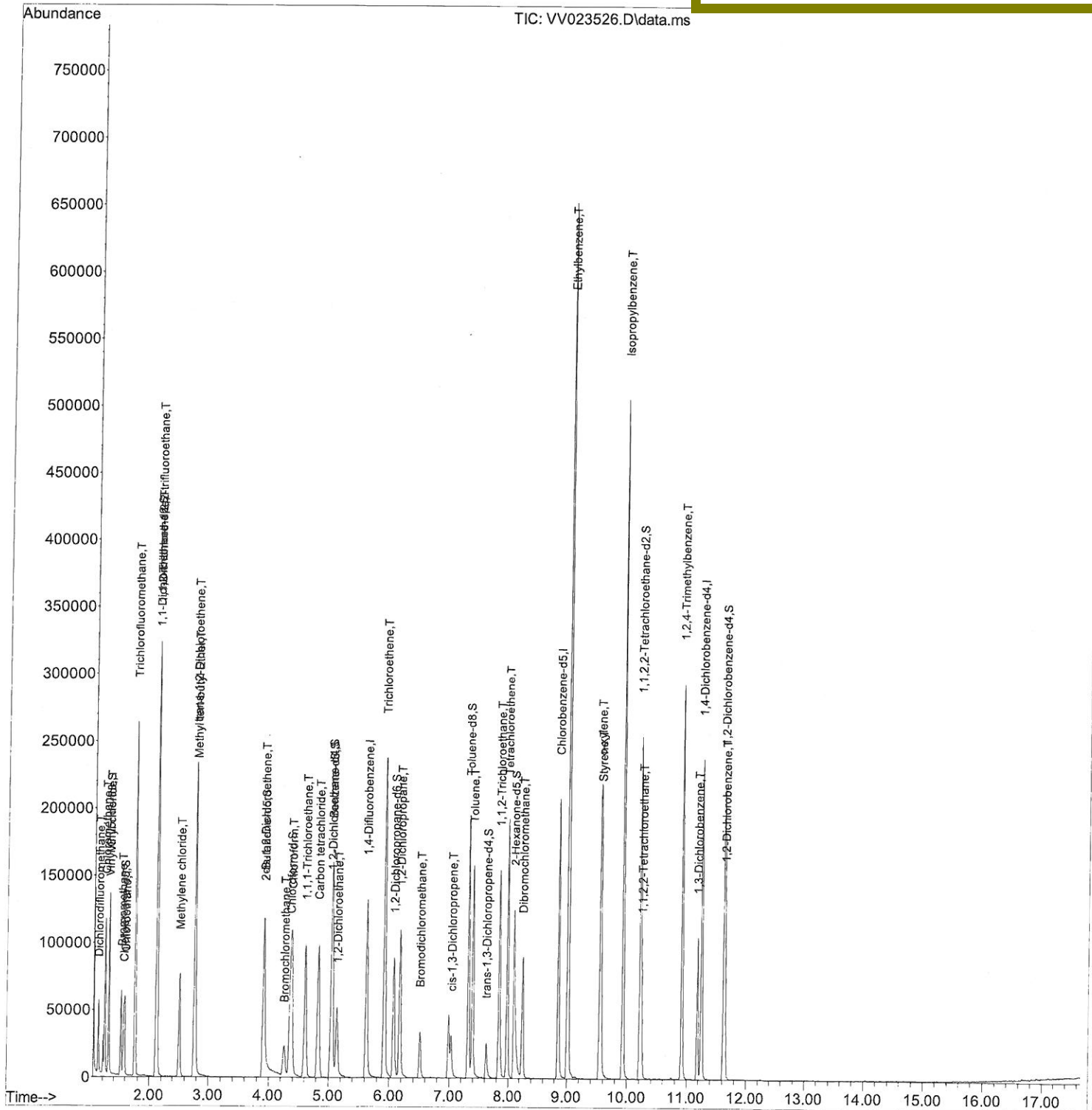Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023526.D
Acq On   : 16 Nov 2021 12:02
Operator : SY/MD
Sample   : M4643-08
Misc   : 25.0mL/MSVOA_V/WATER
ALS Vial : 6   Sample Multiplier: 1

Quant Time: Nov 17 00:50:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 00:48:57 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
GB8K3

Manual IntegrationsAPPROVED

Reviewed By :John Carlone   11/17/2021
Supervised By :Mahesh Dadoda   11/18/2021
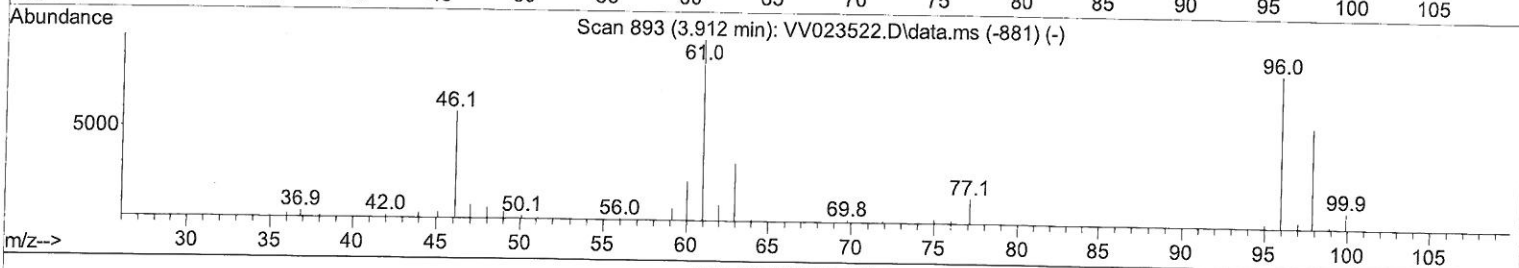
Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023526.D
Acq On   : 16 Nov 2021 12:02
Operator : SY/MD
Sample   : M4643-08
Misc   : 25.0mL/MSVOA_V/WATER
ALS Vial : 6   Sample Multiplier: 1

Quant Time: Nov 17 00:50:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 00:48:57 2021
Response via : Initial Calibration

Ion 46.10 (45.80 to 46.80): VV023526.D\data.ms
Ion 77.10 (76.80 to 77.80): VV023526.D\data.ms

Scan 895 (3.918 min): VV023526.D\data.ms

Scan 893 (3.912 min): VV023522.D\data.ms (-881) (-)

TIC: VV023526.D\data.ms

(20) 2-Butanone-d5 (S)

3.918min (+ 0.006) 34.05 ug/L

response   43800

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.30	19.74
0.00	0.00	0.00
0.00	0.00	0.00

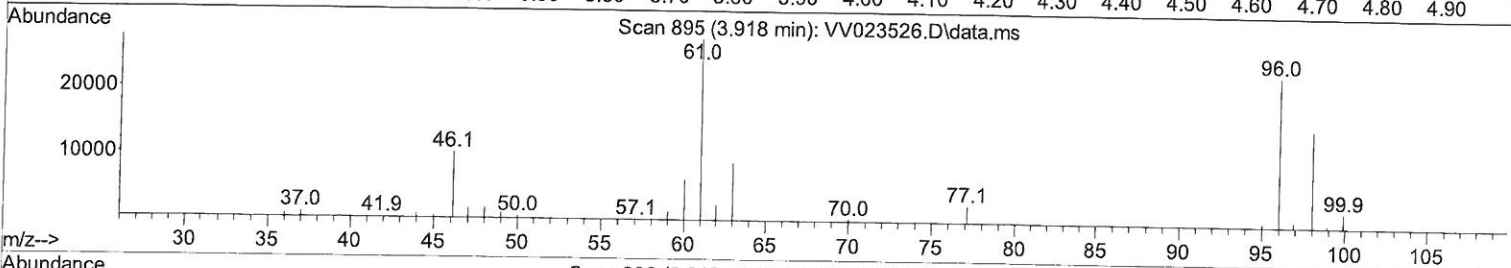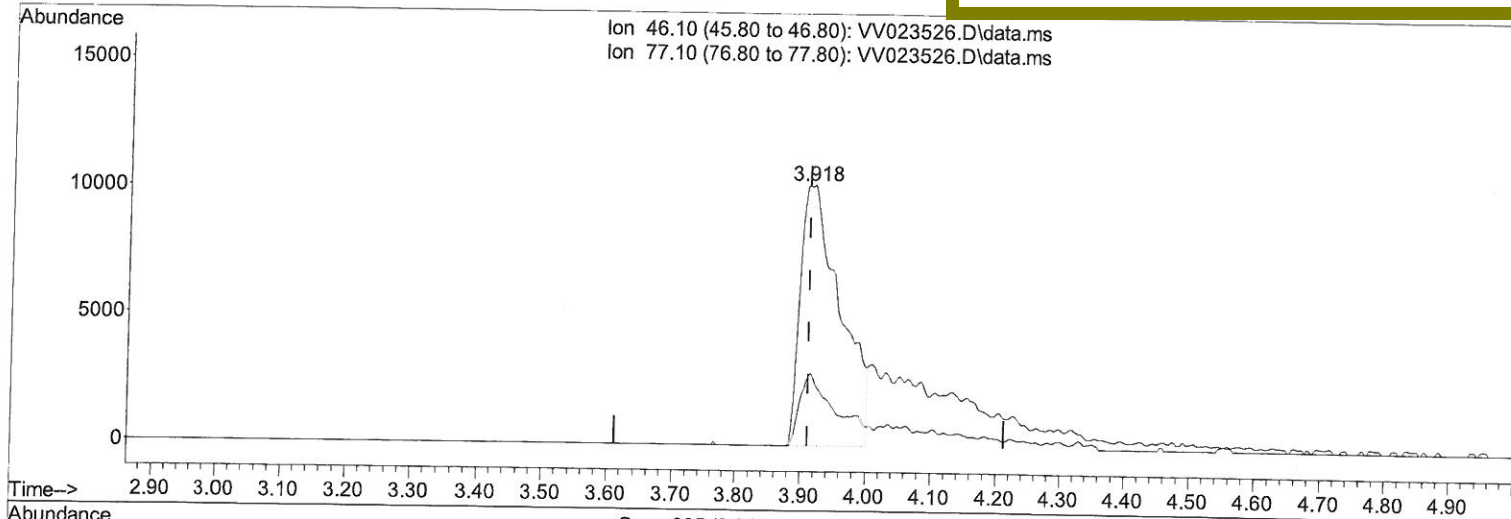SFAMVTR110421WMA.M Wed Nov 17 01:15:11 2021

Page: 1

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023526.D
Acq On   : 16 Nov 2021 12:02
Operator : SY/MD
Sample   : M4643-08
Misc   : 25.0mL/MSVOA_V/WATER
ALS Vial : 6   Sample Multiplier: 1

Quant Time: Nov 17 00:50:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 00:48:57 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
GB8K3

Manual IntegrationsAPPROVED

Reviewed By :John Carlone   11/17/2021
Supervised By :Mahesh Dadoda   11/18/2021

Ion 46.10 (45.80 to 46.80): VV023526.D\data.ms
Ion 77.10 (76.80 to 77.80): VV023526.D\data.ms

Scan 895 (3.918 min): VV023526.D\data.ms

Scan 893 (3.912 min): VV023522.D\data.ms (-881) (-)

TIC: VV023526.D\data.ms

(20)   2-Butanone-d5 (S)

3.918min (+ 0.006)   45.61 ug/L m

response   58670

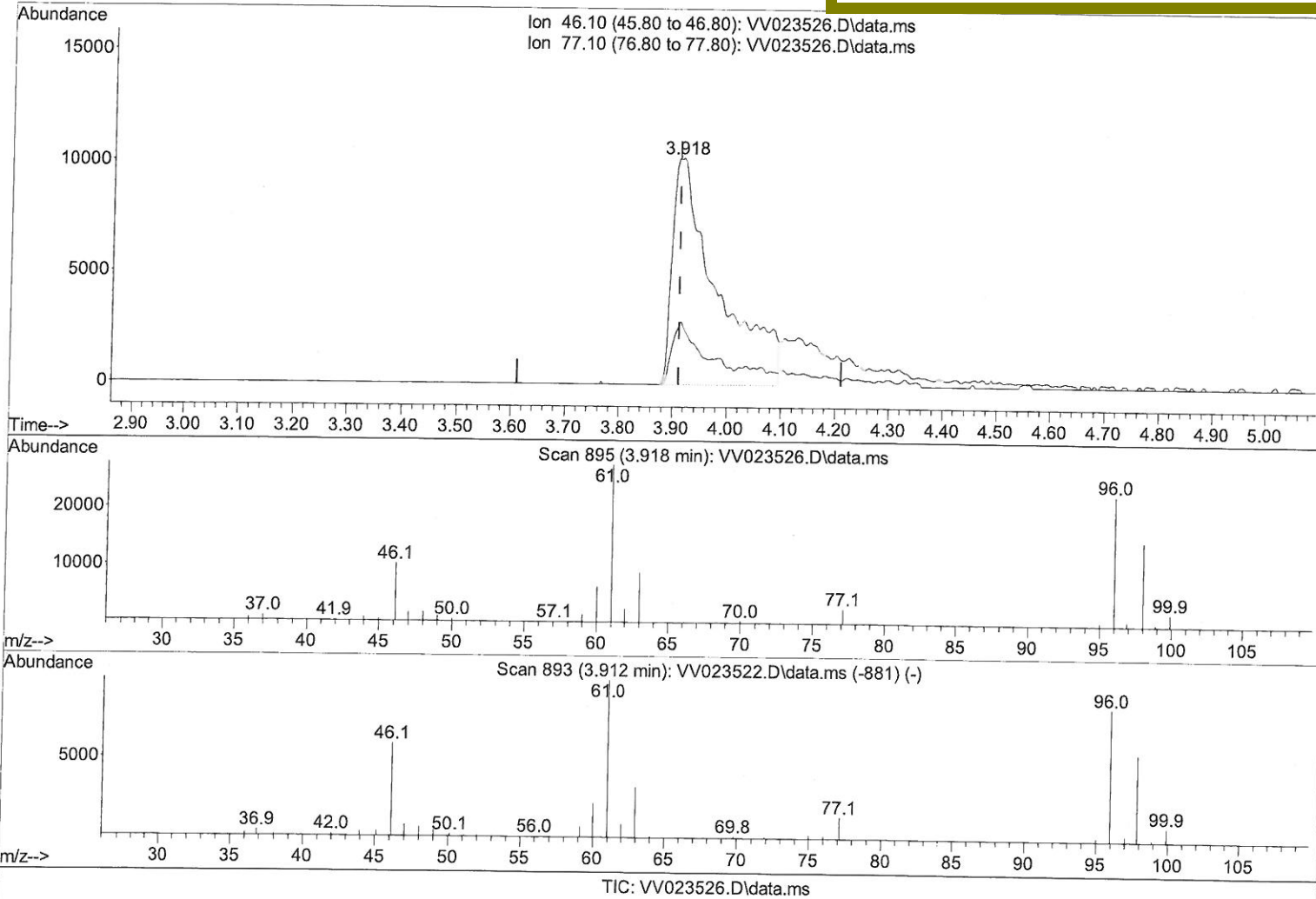| Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.30	14.74#
0.00	0.00	0.00
0.00	0.00	0.00

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023526.D
Acq On    : 16 Nov 2021  12:02
Operator  : SY/MD
Sample    : M4643-08
Misc      : 25.0mL/MSVOA_V/WATER
ALS Vial  : 6    Sample Multiplier: 1

Quant Time: Nov 17 00:50:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title  : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 00:48:57 2021
Response via : Initial Calibration
```

Instrument :
MSVOA_V
ClientSampleId :
GB8K3

Manual IntegrationsAPPROVED

Reviewed By :John Carlone   11/17/2021
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   119182     5.000 ug/L     0.00
 28) Chlorobenzene-d5         8.854  117   118164     5.000 ug/L     0.00
 58) 1,4-Dichlorobenzene-d4  11.249  152    63101     5.000 ug/L     0.00

System Monitoring Compounds
  4) Vinyl Chloride-d3        1.304   65    34820     4.664 ug/L     0.00
  Spiked Amount     5.000   Range  40 - 130   Recovery  =   93.200%
  7) Chloroethane-d5          1.568   69    29312     4.817 ug/L     0.00
  Spiked Amount     5.000   Range  65 - 130   Recovery  =   96.400%
 11) 1,1-Dichloroethene-d2    2.111   63    74450     5.327 ug/L     0.00
  Spiked Amount     5.000   Range  60 - 125   Recovery  =  106.600%
 20) 2-Butanone-d5            3.918   46    58670m   45.611 ug/L     0.00
  Spiked Amount    50.000   Range  40 - 130   Recovery  =   91.220%
 24) Chloroform-d             4.352   84    69950     4.396 ug/L     0.00
  Spiked Amount     5.000   Range  70 - 125   Recovery  =   88.000%
 26) 1,2-Dichloroethane-d4    5.037   65    35766     4.999 ug/L     0.00
  Spiked Amount     5.000   Range  70 - 130   Recovery  =  100.000%
 32) Benzene-d6               5.050   84   145099     4.786 ug/L     0.00
  Spiked Amount     5.000   Range  70 - 125   Recovery  =   95.800%
 36) 1,2-Dichloropropane-d6   6.069   67    44310     4.965 ug/L     0.00
  Spiked Amount     5.000   Range  60 - 140   Recovery  =   99.200%
 41) Toluene-d8               7.317   98   127781     4.498 ug/L     0.00
  Spiked Amount     5.000   Range  70 - 130   Recovery  =   90.000%
 43) trans-1,3-Dichloroprop... 7.625  79    15834     4.679 ug/L     0.00
  Spiked Amount     5.000   Range  55 - 130   Recovery  =   93.600%
 46) 2-Hexanone-d5            8.095   63    52259    41.971 ug/L     0.00
  Spiked Amount    50.000   Range  45 - 130   Recovery  =   83.940%
 56) 1,1,2,2-Tetrachloroeth... 10.217  84    30610     4.769 ug/L     0.00
  Spiked Amount     5.000   Range  65 - 120   Recovery  =   95.400%
 66) 1,2-Dichlorobenzene-d4  11.625  152    52561     5.002 ug/L     0.00
  Spiked Amount     5.000   Range  80 - 120   Recovery  =  100.000%
```

7 MD 11/26/21

```
Target Compounds                                              Qvalue
  2) Dichlorodifluoromethane  1.127   85    28669     2.467 ug/L    100
  3) Chloromethane            1.240   50    71266     7.213 ug/L     97
  5) Vinyl chloride           1.310   62    53899     5.462 ug/L    100
  6) Bromomethane             1.523   94    26140     4.144 ug/L     98
  8) Chloroethane             1.584   64    30000     5.268 ug/L     98
  9) Trichlorofluoromethane   1.754  101   153920    10.381 ug/L     99
 10) 1,1,2-Trichloro-1,2,2-... 2.117 101    37542     5.029 ug/L     95
 12) 1,1-Dichloroethene       2.117   96    46546     6.549 ug/L     89
 16) Methylene chloride       2.507   84    32571     3.140 ug/L     97
 17) Methyl tert-butyl Ether  2.770   73    94778     6.058 ug/L     97
 18) trans-1,2-Dichloroethene 2.761   96    61572     7.047 ug/L     99
 22) cis-1,2-Dichloroethene   3.912   96    59075     7.026 ug/L #   93
 23) Bromochloromethane       4.259  128     8937     2.305 ug/L #   77
 25) Chloroform               4.375   83    89837     5.713 ug/L     95
 27) 1,2-Dichloroethane       5.133   62    48398     5.787 ug/L     97
 29) 1,1,1-Trichloroethane    4.609   97    82022     5.715 ug/L     99
 31) Carbon tetrachloride     4.828  117    75455     5.854 ug/L     97
 34) Trichloroethene          5.915   95    80054     9.115 ug/L     94
```

```
                       Quantitation Report    (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
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Acq On    : 16 Nov 2021  12:02
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Sample    : M4643-08
Misc      : 25.0mL/MSVOA_V/WATER
ALS Vial  : 6   Sample Multiplier: 1
```

```
Quant Time: Nov 17 00:50:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title  : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 00:48:57 2021
Response via : Initial Calibration
```

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2-Dichloropropane	6.172	63	42096	5.460	ug/L	100
38) Bromodichloromethane	6.513	83	23695	2.293	ug/L	100
39) cis-1,3-Dichloropropene	7.034	75	20592	1.857	ug/L	94
42) Toluene	7.391	91	117666	3.331	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	50548	9.124	ug/L	95
47) Tetrachloroethene	7.976	164	44341	5.825	ug/L	99
49) Dibromochloromethane	8.246	129	47825	6.813	ug/L	100
52) Ethylbenzene	9.011	91	444345	11.926	ug/L	98
54) o-xylene	9.545	106	46148	3.364	ug/L	95
55) Styrene	9.561	104	73118	3.112	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.243	83	31655	5.215	ug/L #	99
60) Isopropylbenzene	9.931	105	311800	8.611	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	158004	5.287	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	44284	2.394	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	39555	2.389	ug/L	96

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