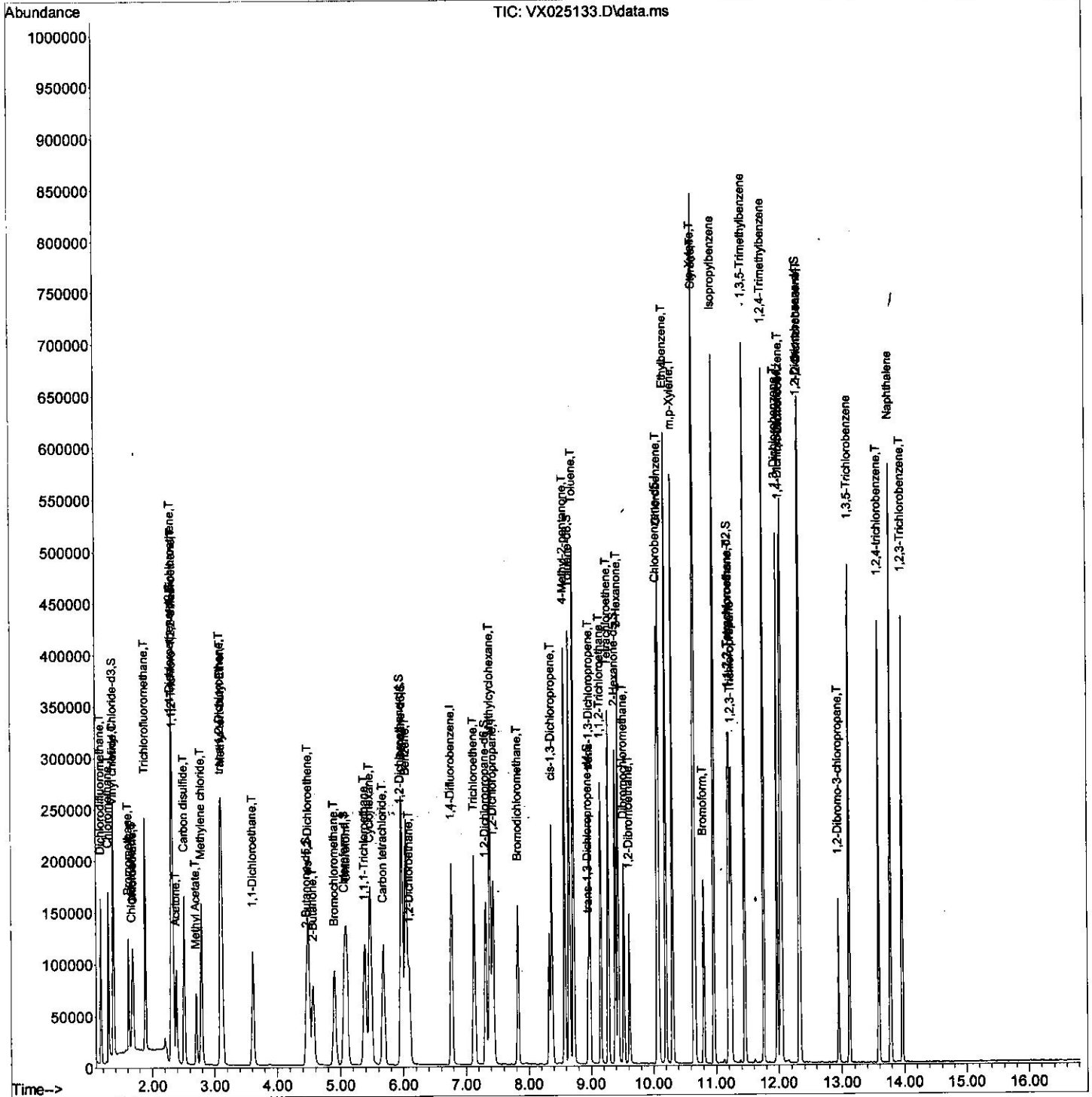Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111121\
Data File : VX025133.D
Acq On   : 11 Nov 2021 16:06
Operator : JC/MD
Sample   : VSTDICV050
Misc   : 5.0mL/MSVOA_X/WATER
ALS Vial : 9   Sample Multiplier: 1

Quant Time: Nov 12 04:59:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 11 16:29:23 2021
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VICV636

Manual IntegrationsAPPROVED

Reviewed By :John Carlone   11/12/2021
Supervised By :Mahesh Dadoda   11/12/2021

```
                    Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111121\
Data File : VX025133.D
Acq On    : 11 Nov 2021  16:06
Operator  : JC/MD
Sample    : VSTDICV050
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 9   Sample Multiplier: 1

Quant Time: Nov 12 04:59:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title  : VOC Analysis
QLast Update : Thu Nov 11 16:29:23 2021
Response via : Initial Calibration
```
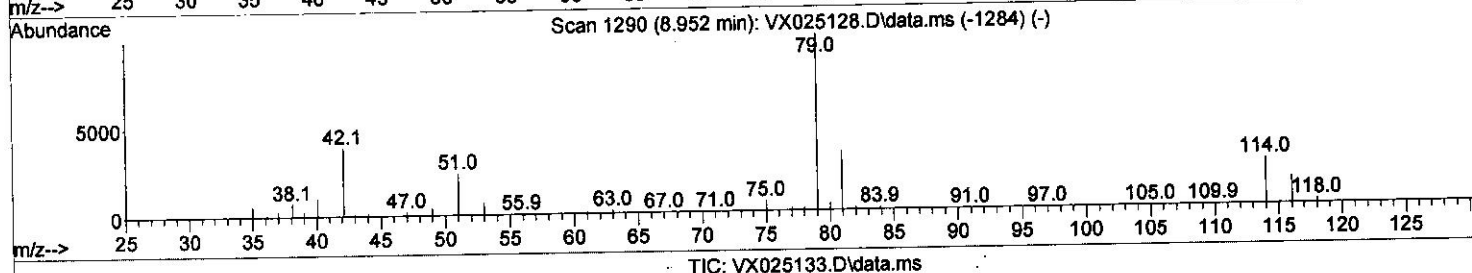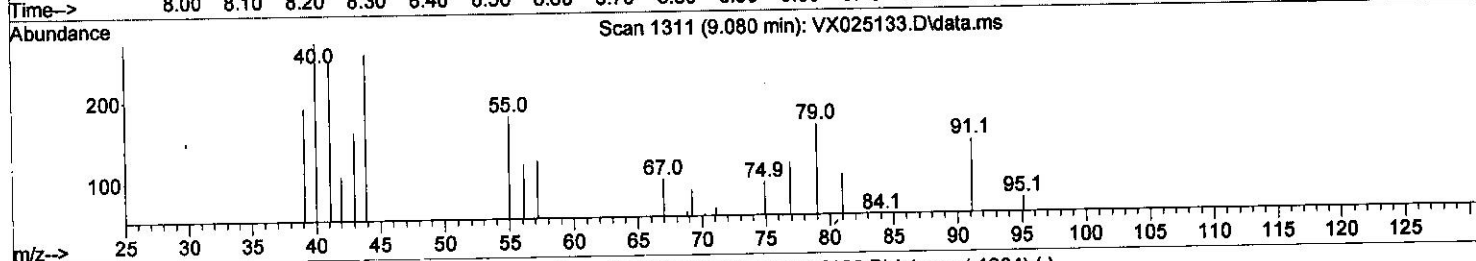
Instrument :
MSVOA_X
ClientSampleId :
VICV636

Manual IntegrationsAPPROVED

Reviewed By :John Carlone   11/12/2021
Supervised By :Mahesh Dadoda   11/12/2021

Ion 79.00 (78.70 to 79.70): VX025133.D\data.ms
Ion 81.00 (80.70 to 81.70): VX025133.D\data.ms
Ion 42.00 (41.70 to 42.30): VX025133.D\data.ms

Scan 1311 (9.080 min): VX025133.D\data.ms

Scan 1290 (8.952 min): VX025128.D\data.ms (-1284) (-)

TIC: VX025133.D\data.ms

```
(43)  trans-1,3-Dichloropropene-d4 (S)

9.080min (+ 0.128)   0.14 ug/L

response        125

  Ion      Exp%     Act%

 79.00    100.00   100.00

 81.00     33.30    28.00

 42.00     28.20    36.00

  0.00      0.00     0.00
```

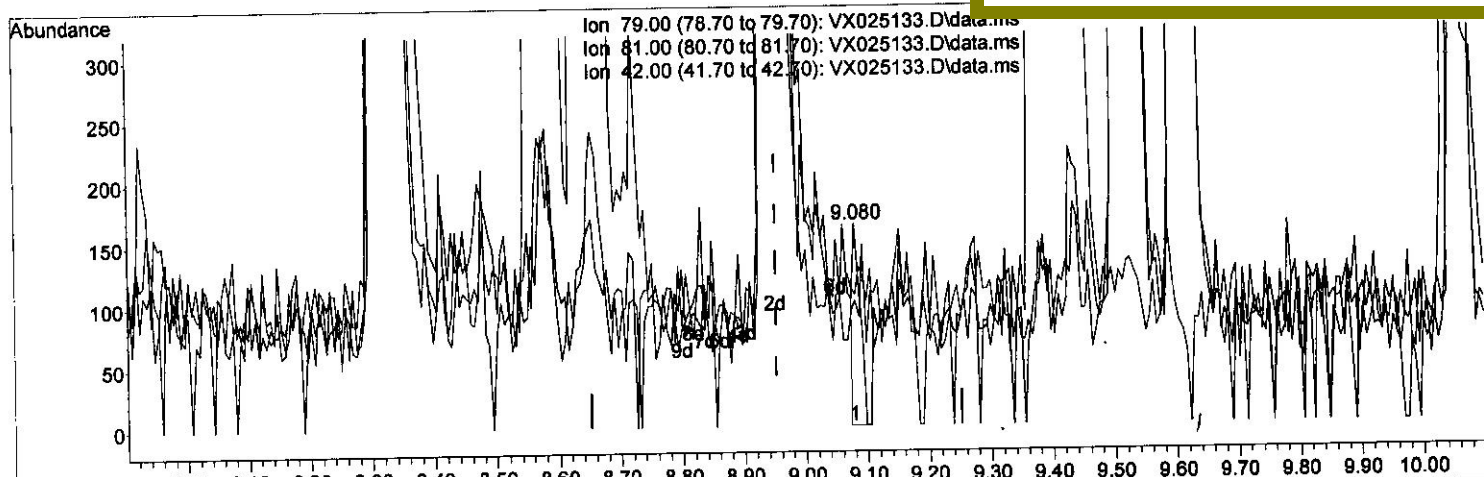Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111121\
Data File : VX025133.D
Acq On   : 11 Nov 2021 16:06
Operator : JC/MD
Sample   : VSTDICV050
Misc   : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 12 04:59:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 11 16:29:23 2021
Response via : Initial Calibration

Ion 79.00 (78.70 to 79.70): VX025133.D\data.ms
Ion 81.00 (80.70 to 81.70): VX025133.D\data.ms
Ion 42.00 (41.70 to 42.70): VX025133.D\data.ms

Scan 1290 (8.952 min): VX025133.D\data.ms

Scan 1290 (8.952 min): VX025128.D\data.ms (-1284) (-)

TIC: VX025133.D\data.ms

(43) trans-1,3-Dichloropropene-d4 (S)

8.952min (-0.000) 51.74 ug/L m

response   45045

Ion	Exp%	Act%
79.00	100.00	100.00
81.00	33.30	0.08#
42.00	28.20	0.10#
0.00	0.00	0.00

SFAMXLM111121WMA.M Fri Nov 12 05:00:31 2021

Page: 1

```
                    Quantitation Report    (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111121\
Data File : VX025133.D
Acq On    : 11 Nov 2021  16:06
Operator  : JC/MD
Sample    : VSTDICV050
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 9   Sample Multiplier: 1

Quant Time: Nov 12 04:59:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title  : VOC Analysis
QLast Update : Thu Nov 11 16:29:23 2021
Response via : Initial Calibration
```
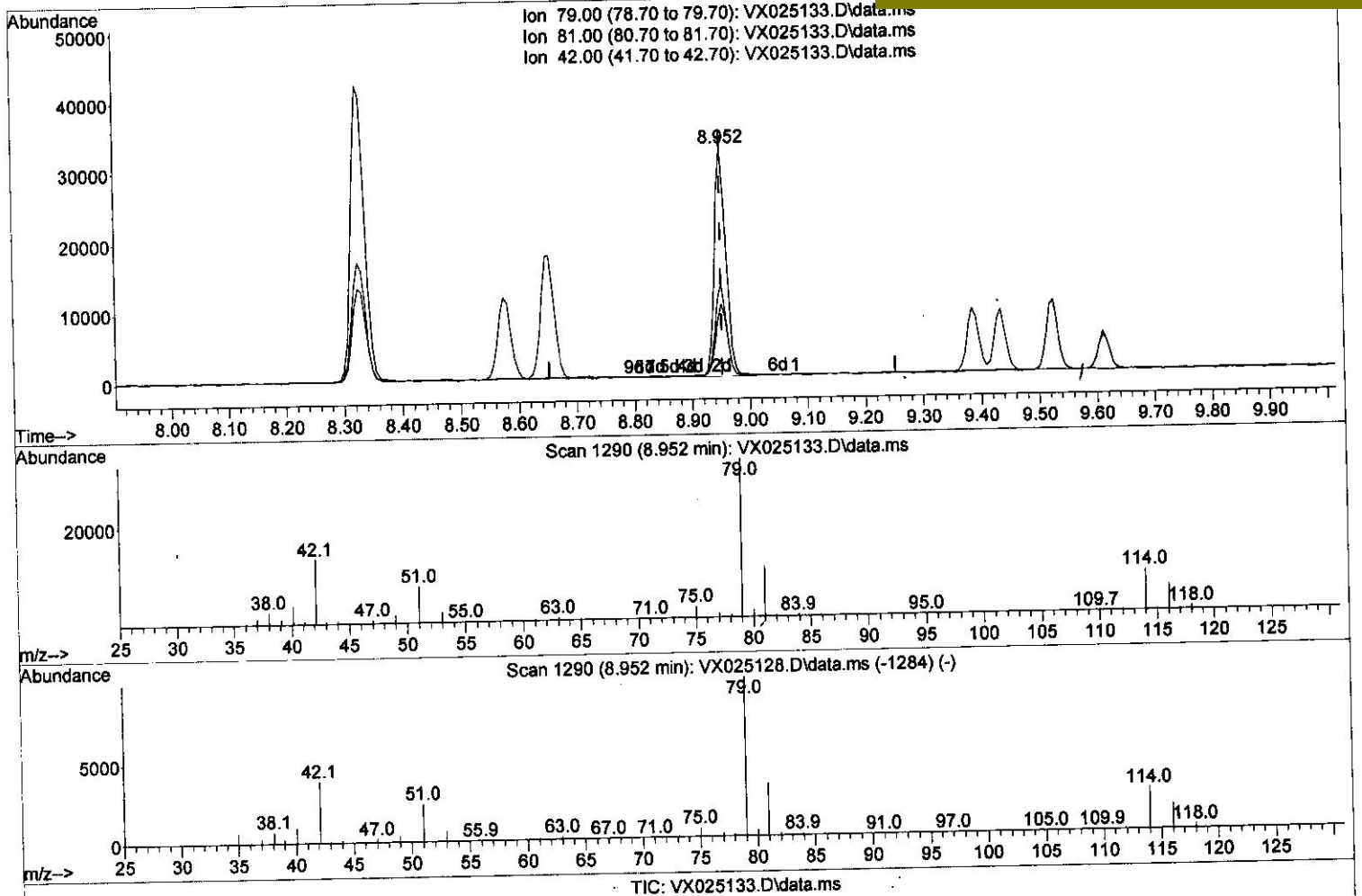
```
       Compound              R.T. QIon  Response  Conc Units Dev(Min)
-----------------------------------------------------------------------

Internal Standards
  1) 1,4-Difluorobenzene      6.763  114   211029   50.000 ug/L     0.00
 28) Chlorobenzene-d5        10.055  117   192427   50.000 ug/L     0.00
 58) 1,4-Dichlorobenzene-d4  12.024  152   101323   50.000 ug/L     0.00

System Monitoring Compounds
  4) Vinyl Chloride-d3        1.368   65    72258   50.683 ug/L     0.00
  Spiked Amount     50.000  Range  60 - 135   Recovery  =  101.360%
  7) Chloroethane-d5          1.666   69    46853   57.663 ug/L     0.00
  Spiked Amount     50.000  Range  70 - 130   Recovery  =  115.320%
 11) 1,1-Dichloroethene-d2    2.307   63   122533   49.972 ug/L     0.00
  Spiked Amount     50.000  Range  60 - 125   Recovery  =   99.940%
 21) 2-Butanone-d5            4.459   46   113710  105.544 ug/L     0.00
  Spiked Amount    100.000  Range  40 - 130   Recovery  =  105.540%
 24) Chloroform-d             5.062   84   128524   51.244 ug/L     0.00
  Spiked Amount     50.000  Range  70 - 125   Recovery  =  102.480%
 26) 1,2-Dichloroethane-d4    5.958   65    77285   50.837 ug/L     0.00
  Spiked Amount     50.000  Range  70 - 125   Recovery  =  101.680%
 32) Benzene-d6               5.977   84   266768   50.794 ug/L     0.00
  Spiked Amount     50.000  Range  70 - 125   Recovery  =  101.580%
 36) 1,2-Dichloropropane-d6   7.312   67    81600   50.885 ug/L     0.00
  Spiked Amount     50.000  Range  70 - 120   Recovery  =  101.760%
 41) Toluene-d8               8.653   98   255001   50.843 ug/L     0.00
  Spiked Amount     50.000  Range  80 - 120   Recovery  =  101.680%
 43) trans-1,3-Dichloroprop... 8.952  79   45045m   51.745 ug/L     0.00
  Spiked Amount     50.000  Range  60 - 125   Recovery  =  103.480%
 47) 2-Hexanone-d5            9.385   63    90090  104.619 ug/L     0.00
  Spiked Amount    100.000  Range  45 - 130   Recovery  =  104.620%
 56) 1,1,2,2-Tetrachloroeth... 11.195  84   116986   50.650 ug/L     0.00
  Spiked Amount     50.000  Range  65 - 120   Recovery  =  101.300%
 66) 1,2-Dichlorobenzene-d4  12.323  152   101067   50.318 ug/L     0.00
  Spiked Amount     50.000  Range  80 - 120   Recovery  =  100.640%

                                                              Qvalue
Target Compounds
  2) Dichlorodifluoromethane  1.167   85    83399   50.566 ug/L       98
  3) Chloromethane            1.288   50    87999   49.284 ug/L       89
  5) Vinyl chloride           1.374   62    91993   49.961 ug/L      100
  6) Bromomethane             1.612   94    39345   55.685 ug/L       96
  8) Chloroethane             1.685   64    50830   54.974 ug/L       97
  9) Trichlorofluoromethane   1.886  101   134488   50.039 ug/L      100
 10) 1,1,2-Trichloro-1,2,2-... 2.331 101    70073   50.314 ug/L       96
 12) 1,1-Dichloroethene       2.319   96    66617   49.511 ug/L       87
 13) Acetone                  2.386   43    99965   98.915 ug/L       98
 14) Carbon disulfide         2.514   76   199839   48.204 ug/L       99
 15) Methyl Acetate           2.703   43    81094   49.286 ug/L #     82
 16) Methylene chloride       2.788   84    72382   48.630 ug/L #     81
 17) trans-1,2-Dichloroethene 3.093   96    71284   48.783 ug/L       90
 18) Methyl tert-butyl Ether  3.111   73   226950   49.689 ug/L #     90
 19) 1,1-Dichloroethane       3.611   63   122622   49.609 ug/L       95
 20) cis-1,2-Dichloroethene   4.489   96    79770   49.339 ug/L #     98
 22) 2-Butanone               4.562   43   135543  100.755 ug/L       84
 23) Bromochloromethane       4.904  128    41215   49.514 ug/L #     80
```

SFAMXLM111121WMA.M Fri Nov 12 05:01:10 2021

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111121\
Data File : VX025133.D
Acq On    : 11 Nov 2021  16:06
Operator  : JC/MD
Sample    : VSTDICV050
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 9   Sample Multiplier: 1

Quant Time: Nov 12 04:59:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title  : VOC Analysis
QLast Update : Thu Nov 11 16:29:23 2021
Response via : Initial Calibration
```

Instrument :
MSVOA_X
ClientSampleId :
VICV636

Manual IntegrationsAPPROVED

Reviewed By :John Carlone   11/12/2021
Supervised By :Mahesh Dadoda   11/12/2021

```
          Compound            R.T. QIon  Response  Conc Units Dev(Min)
---------------------------------------------------------------------------
 25) Chloroform               5.093  83    125462    49.522 ug/L       99
 27) 1,2-Dichloroethane       6.092  62     91966    49.509 ug/L #     87
 29) Cyclohexane              5.471  56    122203    49.708 ug/L       86
 30) 1,1,1-Trichloroethane    5.385  97    118522    50.123 ug/L #     94
 31) Carbon tetrachloride     5.678 117    104807    50.196 ug/L      100
 33) Benzene                  6.044  78    292991    49.559 ug/L      100
 34) Trichloroethene          7.129  95     76308    49.393 ug/L       83
 35) Methylcyclohexane        7.385  83    130210    49.842 ug/L       92
 37) 1,2-Dichloropropane      7.434  63     73018    49.303 ug/L      100
 38) Bromodichloromethane     7.824  83     98275    49.035 ug/L       97
 39) cis-1,3-Dichloropropene  8.366  75    120481    49.544 ug/L       99
 40) 4-Methyl-2-pentanone     8.574  43    235892   100.221 ug/L #     84
 42) Toluene                  8.720  91    318130    49.542 ug/L       97
 44) trans-1,3-Dichloropropene 8.976 75    117566    49.676 ug/L       98
 45) 1,1,2-Trichloroethane    9.153  97     72636    48.570 ug/L       99
 46) Tetrachloroethene        9.275 164     64800    50.273 ug/L       89
 48) 2-Hexanone               9.433  43    192519    99.787 ug/L #     85
 49) Dibromochloromethane     9.525 129     83882    49.136 ug/L      100
 50) 1,2-Dibromoethane        9.610 107     79206    49.489 ug/L #     99
 51) Chlorobenzene           10.080 112    206196    49.975 ug/L       97
 52) Ethylbenzene            10.195  91    344548    49.917 ug/L       93
 53) m,p-Xylene              10.305 106    140009    50.170 ug/L       79
 54) o-Xylene                10.647 106    135777    49.305 ug/L       82
 55) Styrene                 10.659 104    231349    49.474 ug/L       82
 57) 1,1,2,2-Tetrachloroethane 11.213 83   114978    48.425 ug/L       98
 59) Bromoform               10.799 173     65162    47.587 ug/L #     95
 60) Isopropylbenzene        10.964 105    353993    48.859 ug/L       95
 61) 1,2,3-Trichloropropane  11.244  75     91032    47.713 ug/L       95
 62) 1,3,5-Trimethylbenzene  11.451 105    302406    49.195 ug/L       89
 63) 1,2,4-Trimethylbenzene  11.756 105    302190    48.999 ug/L #     87
 64) 1,3-Dichlorobenzene     11.969 146    161437    48.880 ug/L       97
 65) 1,4-Dichlorobenzene     12.043 146    161022    48.798 ug/L       95
 67) 1,2-Dichlorobenzene     12.335 146    159680    48.678 ug/L       94
 68) 1,2-Dibromo-3-chloropr... 12.945 75    27049    49.019 ug/L #     61
 69) 1,3,5-Trichlorobenzene  13.116 180    119843    50.156 ug/L       97
 70) 1,2,4-trichlorobenzene  13.591 180    105344    50.543 ug/L       97
 71) Naphthalene             13.780 128    368477    52.135 ug/L       99
 72) 1,2,3-Trichlorobenzene  13.963 180    105373    50.997 ug/L       94
---------------------------------------------------------------------------

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