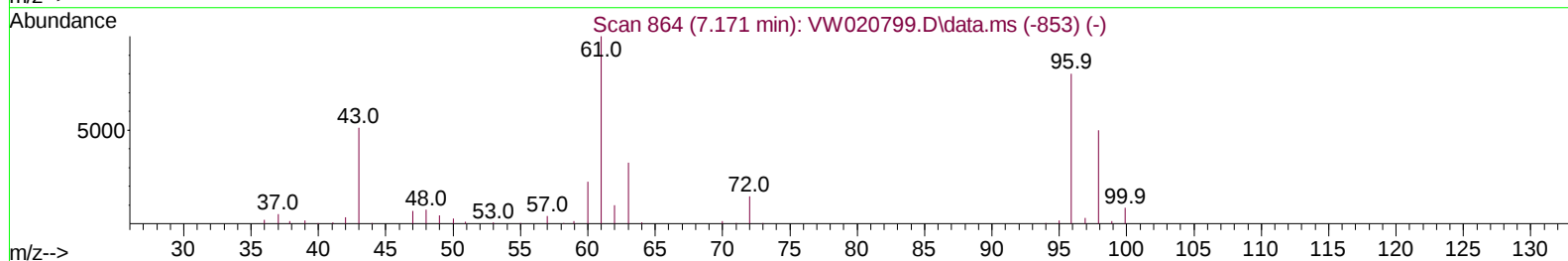
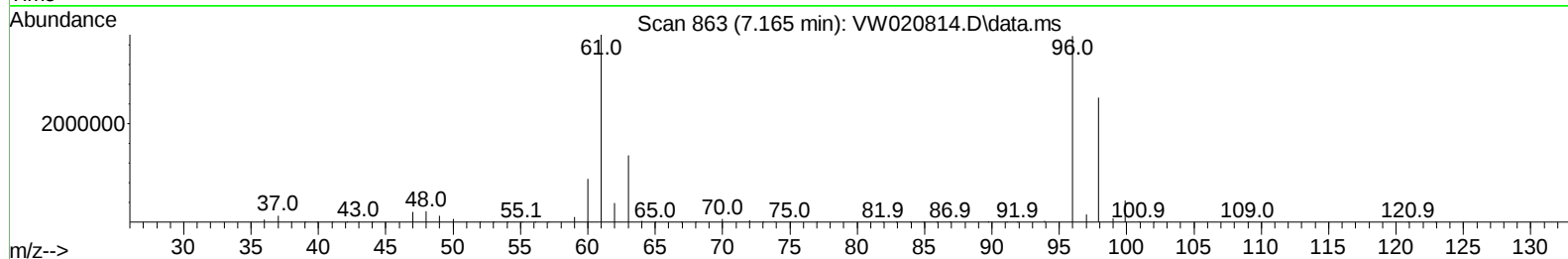
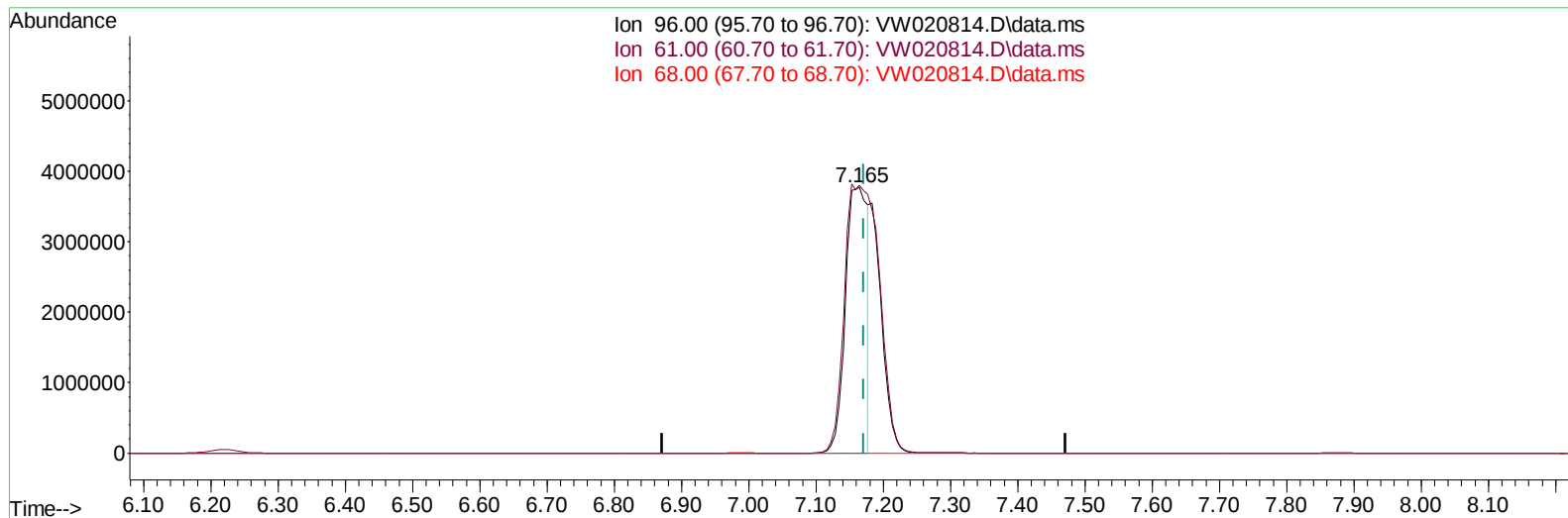


Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW110821\  
Data File : VW020814.D  
Acq On : 08 Nov 2021 16:32  
Operator : SY/VA  
Sample : M4464-12  
Misc : 7.42g/10.0mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 15 01:53:32 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM110621SMA.M  
Quant Title : SFAM01.0  
QLast Update : Mon Nov 15 00:29:21 2021  
Response via : Initial Calibration



TIC: VW020814.D\data.ms

**(20) cis-1,2-Dichloroethene (T)**

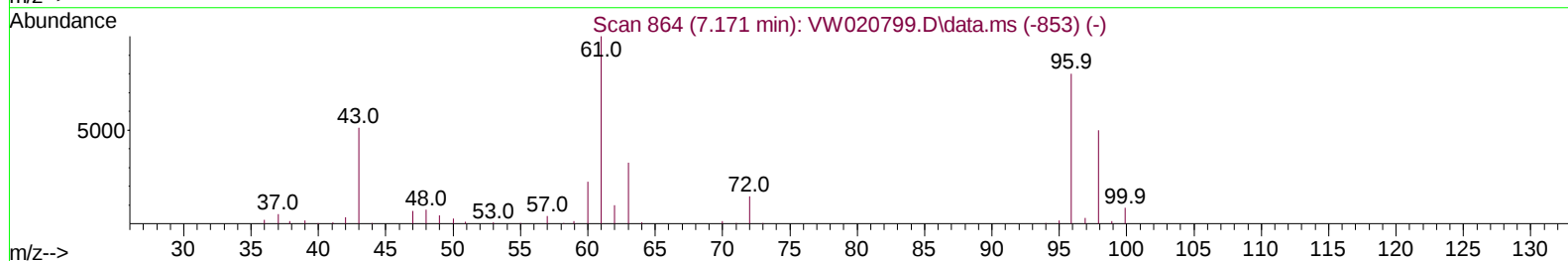
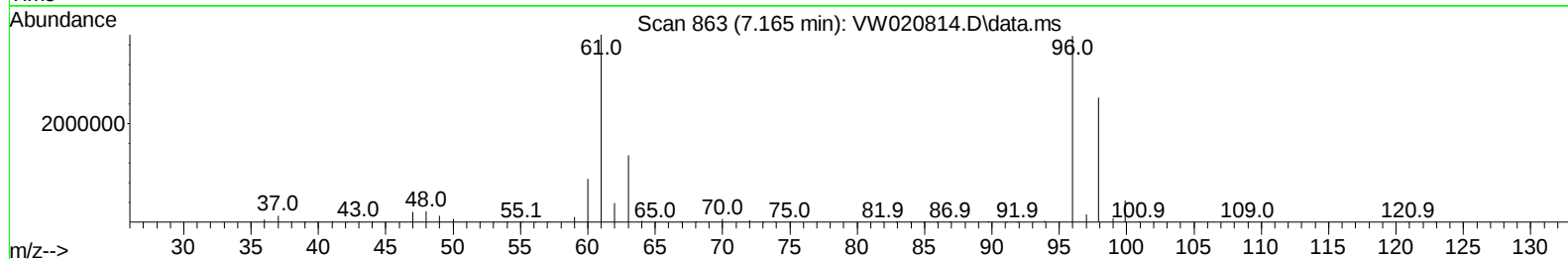
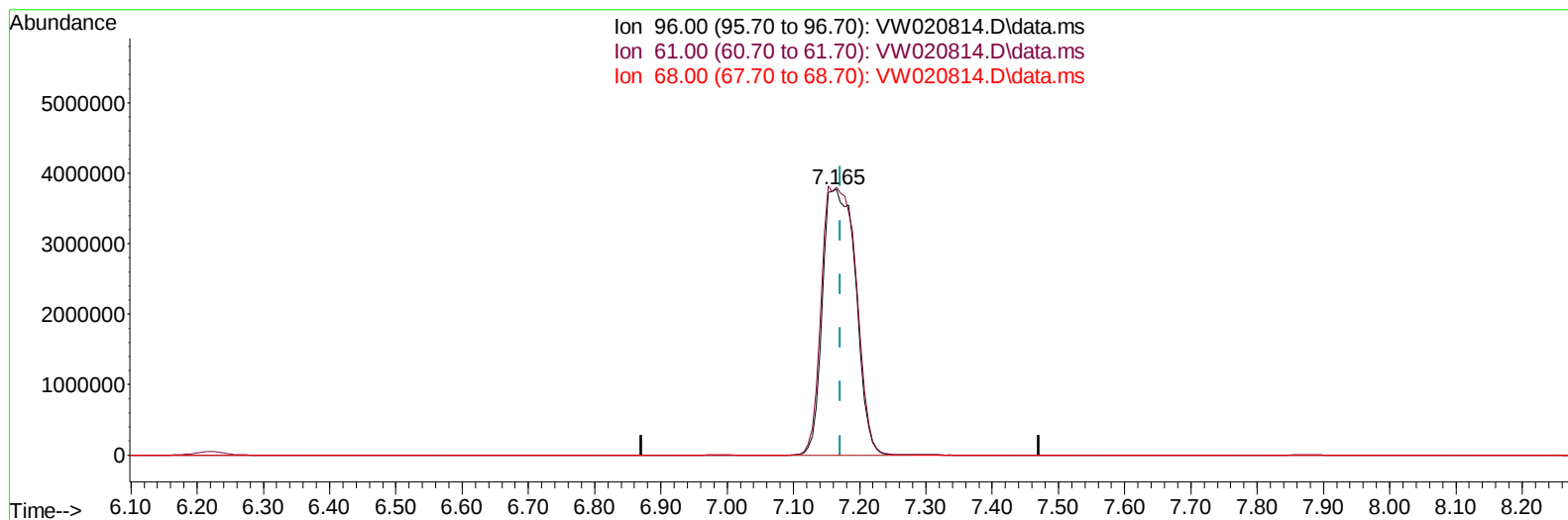
7.165min (-0.006) 3110.83 ug/L

response 8694906

| Ion   | Exp%   | Act%    |
|-------|--------|---------|
| 96.00 | 100.00 | 100.00  |
| 61.00 | 148.20 | 100.76# |
| 68.00 | 0.00   | 0.00#   |
| 0.00  | 0.00   | 0.00    |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW110821\  
Data File : VW020814.D  
Acq On : 08 Nov 2021 16:32  
Operator : SY/VA  
Sample : M4464-12  
Misc : 7.42g/10.0mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 15 01:53:32 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM110621SMA.M  
Quant Title : SFAM01.0  
QLast Update : Mon Nov 15 00:29:21 2021  
Response via : Initial Calibration



TIC: VW020814.D\data.ms

**(20) cis-1,2-Dichloroethene (T)**

7.165min (-0.006) 4661.72 ug/L m

response 13029699

| Ion   | Exp%   | Act%    |
|-------|--------|---------|
| 96.00 | 100.00 | 100.00  |
| 61.00 | 148.20 | 100.76# |
| 68.00 | 0.00   | 0.00#   |
| 0.00  | 0.00   | 0.00    |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\Vw110821\  
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 Operator : SY/VA  
 Sample : M4464-12  
 Misc : 7.42g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 15 01:53:32 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM110621SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Mon Nov 15 00:29:21 2021  
 Response via : Initial Calibration

| Compound                      | R.T.     | QIon  | Response  | Conc     | Units     | Dev(Min) |
|-------------------------------|----------|-------|-----------|----------|-----------|----------|
| -----                         |          |       |           |          |           |          |
| Internal Standards            |          |       |           |          |           |          |
| 1) 1,4-Difluorobenzene        | 8.841    | 114   | 194967    | 25.000   | ug/L      | # 0.00   |
| 28) Chlorobenzene-d5          | 11.634   | 117   | 191289    | 25.000   | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560   | 152   | 104103    | 25.000   | ug/L      | 0.00     |
| System Monitoring Compounds   |          |       |           |          |           |          |
| 4) Vinyl Chloride-d3          | 2.349    | 65    | 43808     | 23.898   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery  | =        | 95.600%   |          |
| 7) Chloroethane-d5            | 2.885    | 69    | 23950     | 22.945   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery  | =        | 91.800%   |          |
| 11) 1,1-Dichloroethene-d2     | 4.037    | 63    | 109281    | 28.402   | ug/L      | 0.02     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery  | =        | 113.600%# |          |
| 21) 2-Butanone-d5             | 7.110    | 46    | 28571     | 46.931   | ug/L      | 0.04     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery  | =        | 93.860%   |          |
| 24) Chloroform-d              | 7.646    | 84    | 86298     | 19.921   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery  | =        | 79.680%   |          |
| 26) 1,2-Dichloroethane-d4     | 8.305    | 65    | 51676     | 22.407   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery  | =        | 89.640%   |          |
| 32) Benzene-d6                | 8.274    | 84    | 177505    | 20.538   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery  | =        | 82.160%   |          |
| 36) 1,2-Dichloropropane-d6    | 9.274    | 67    | 56331     | 21.052   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery  | =        | 84.200%   |          |
| 41) Toluene-d8                | 10.329   | 98    | 184337    | 21.924   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery  | =        | 87.680%   |          |
| 43) trans-1,3-Dichloroprop... | 10.579   | 79    | 29751     | 22.417   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery  | =        | 89.680%   |          |
| 47) 2-Hexanone-d5             | 10.926   | 63    | 26741     | 49.391   | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery  | =        | 98.780%   |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694   | 84    | 52031     | 23.463   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery  | =        | 93.840%   |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853   | 152   | 73899     | 22.588   | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery  | =        | 90.360%   |          |
| Target Compounds              |          |       |           |          |           |          |
|                               |          |       |           |          |           | Qvalue   |
| 5) Vinyl chloride             | 2.355    | 62    | 9636      | 3.211    | ug/L #    | 60       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.062    | 101   | 10165     | 3.884    | ug/L      | 94       |
| 12) 1,1-Dichloroethene        | 4.043    | 96    | 112652    | 45.162   | ug/L #    | 67       |
| 13) Acetone                   | 4.117    | 43    | 2079518   | 3670.418 | ug/L      | 93       |
| 14) Carbon disulfide          | 4.385    | 76    | 15940     | 2.117    | ug/L      | 95       |
| 17) trans-1,2-Dichloroethene  | 5.427    | 96    | 64368     | 24.276   | ug/L      | 90       |
| 19) 1,1-Dichloroethane        | 6.220    | 63    | 1738770   | 378.639  | ug/L      | 99       |
| 20) cis-1,2-Dichloroethene    | 7.165    | 96    | 13029699m | 4661.720 | ug/L      |          |
| 27) 1,2-Dichloroethane        | 8.402    | 62    | 33263     | 10.748   | ug/L #    | 93       |
| 29) Cyclohexane               | 7.945    | 56    | 28108     | 5.632    | ug/L #    | 86       |
| 30) 1,1,1-Trichloroethane     | 7.878    | 97    | 13435     | 2.955    | ug/L      | 95       |
| 33) Benzene                   | 8.323    | 78    | 102401    | 8.938    | ug/L      | 100      |
| 34) Trichloroethene           | 9.091    | 95    | 6111      | 2.004    | ug/L      | 87       |
| 35) Methylcyclohexane         | 9.335    | 83    | 103549    | 19.458   | ug/L      | 98       |
| 40) 4-Methyl-2-pentanone      | 10.213   | 43    | 371110    | 209.347  | ug/L #    | 96       |
| 42) Toluene                   | 10.396   | 91    | 17443146  | 1415.917 | ug/L      | 89       |
| 45) 1,1,2-Trichloroethane     | 10.768   | 97    | 11339     | 5.633    | ug/L #    | 39       |
| 46) Tetrachloroethene         | 10.865   | 164   | 2410      | 0.881    | ug/L      | 89       |

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 Quant Title : SFAM01.0  
 QLast Update : Mon Nov 15 00:29:21 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| 52) Ethylbenzene           | 11.731 | 91   | 36447    | 2.641  | ug/L  | 97       |
| 53) m,p-Xylene             | 11.835 | 106  | 41167    | 7.444  | ug/L  | 89       |
| 54) o-Xylene               | 12.164 | 106  | 16884    | 3.223  | ug/L  | 92       |
| 60) Isopropylbenzene       | 12.463 | 105  | 17475    | 1.218  | ug/L  | 95       |
| 62) 1,3,5-Trimethylbenzene | 12.944 | 105  | 141402   | 11.468 | ug/L  | 95       |
| 63) 1,2,4-Trimethylbenzene | 13.249 | 105  | 278374   | 22.728 | ug/L  | 100      |

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

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