

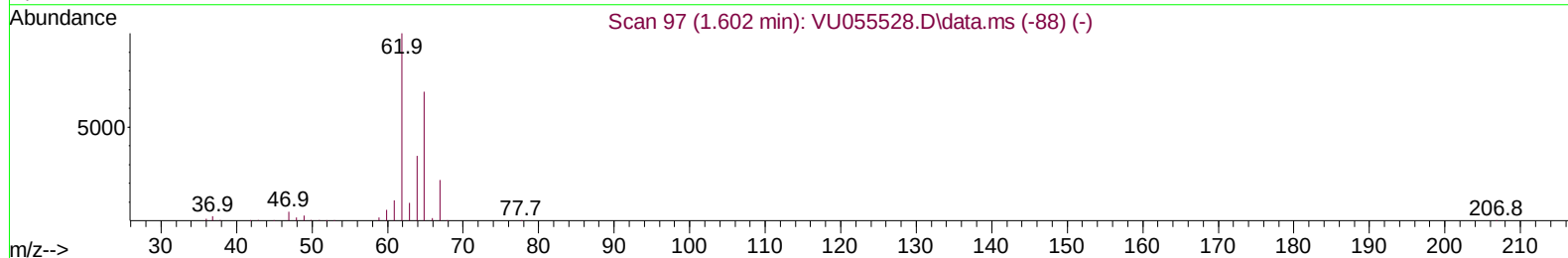
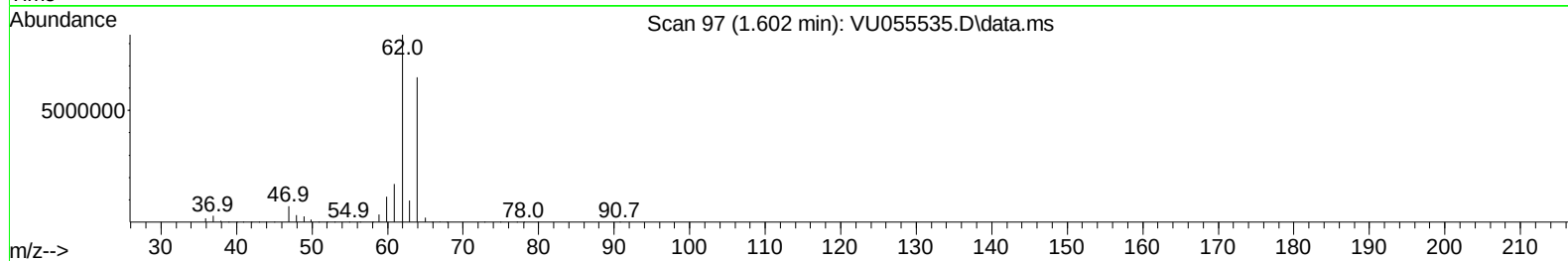
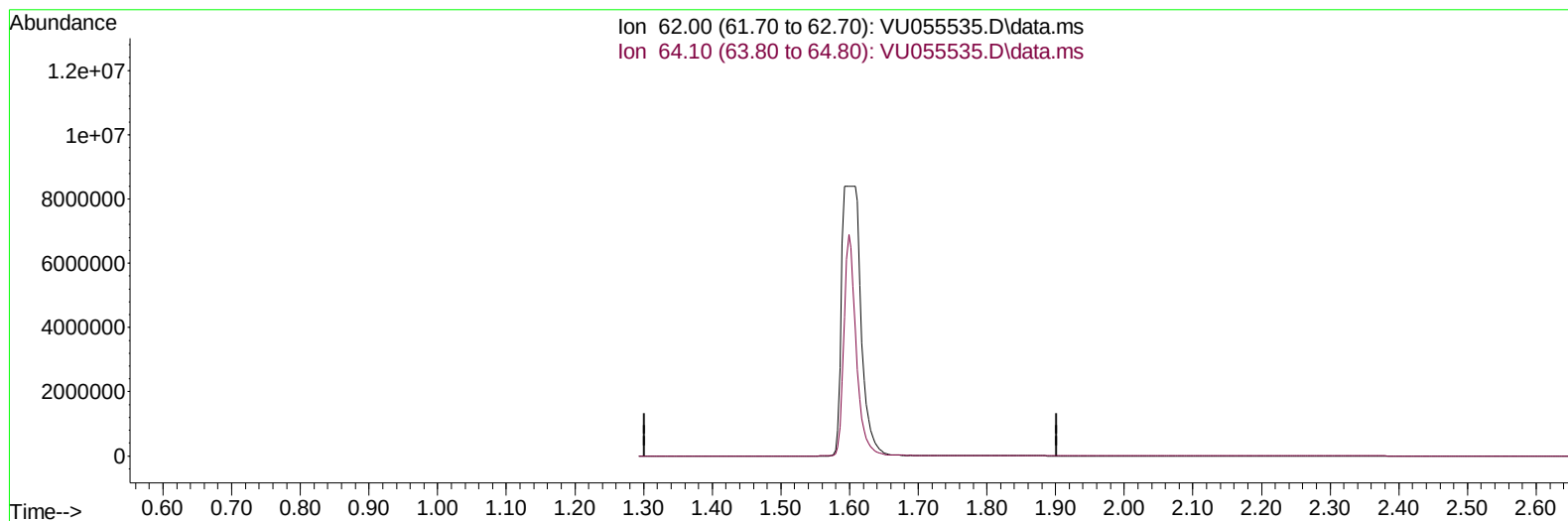
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092623\  
 Data File : VU055535.D  
 Acq On : 26 Sep 2023 23:30  
 Operator : MD/SY  
 Sample : 04530-17  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EYJ06

## Manual IntegrationsAPPROVED

Reviewed By :John Carlone 09/27/2023  
 Supervised By :Mahesh Dadoda 09/28/2023

Quant Time: Sep 27 06:36:25 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 27 06:19:47 2023  
 Response via : Initial Calibration



TIC: VU055535.D\data.ms

## (5) Vinyl chloride (T)

1.602min (-1.602) 0.00 ug/L

response 0

| Ion   | Exp%   | Act%  |
|-------|--------|-------|
| 62.00 | 100.00 | 0.00  |
| 64.10 | 31.90  | 0.00# |
| 0.00  | 0.00   | 0.00  |
| 0.00  | 0.00   | 0.00  |

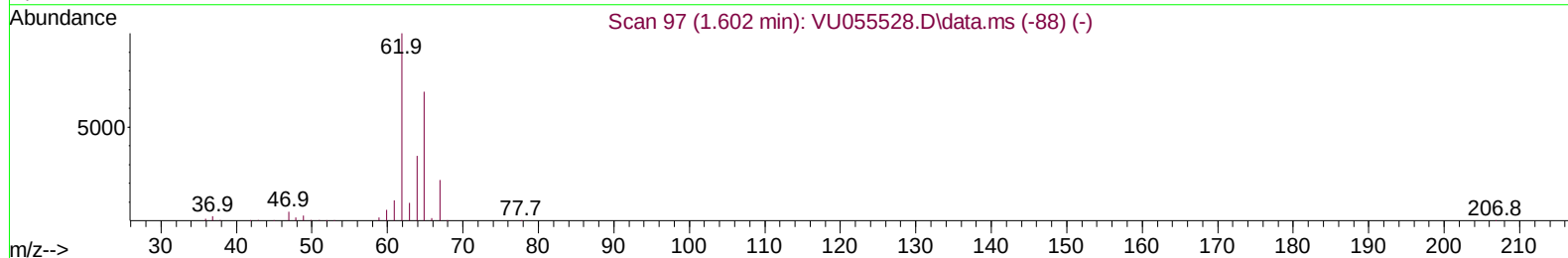
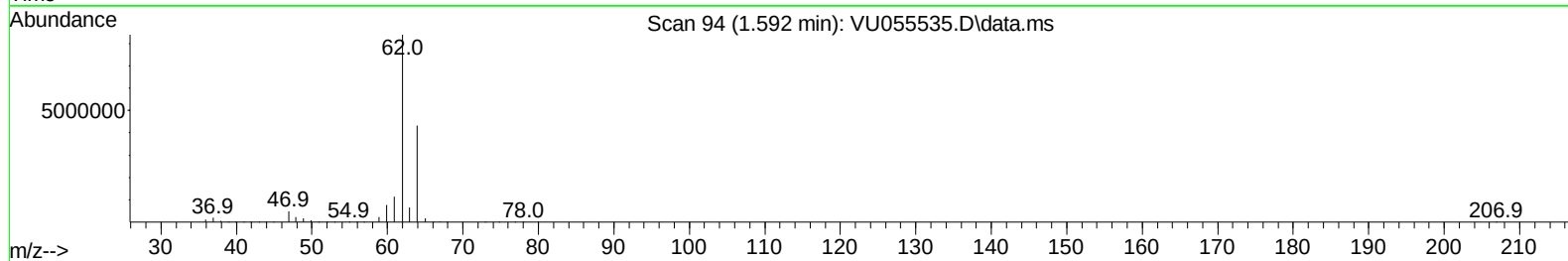
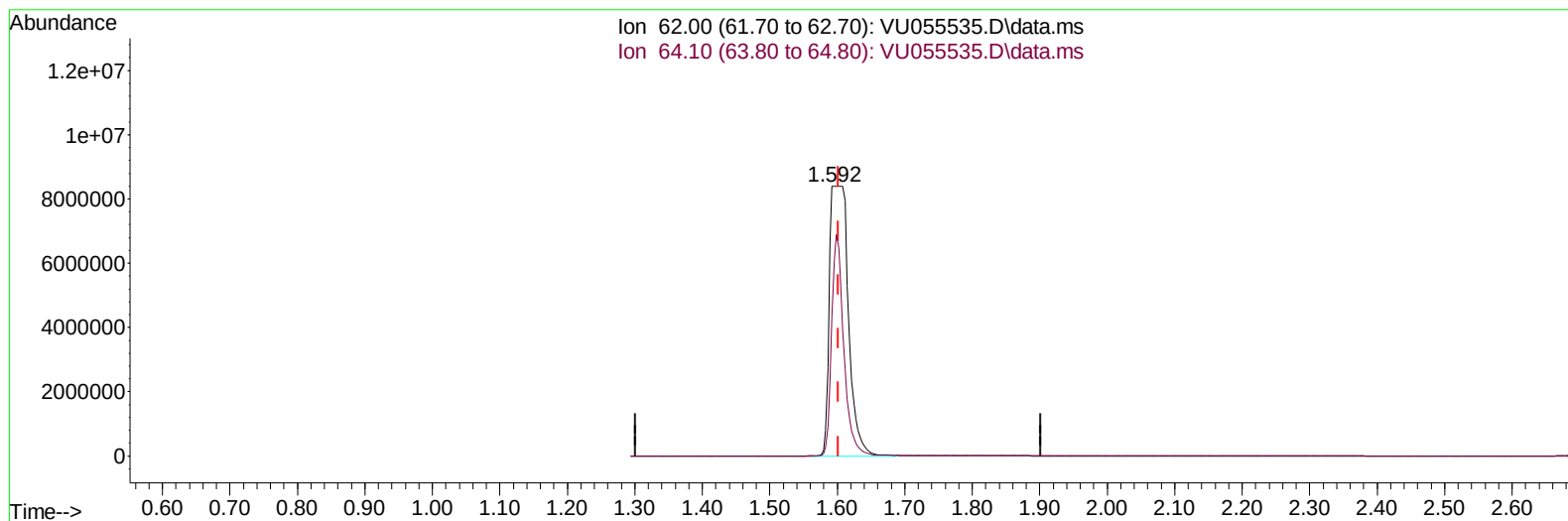
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**(5) Vinyl chloride (T)**

**1.592min (-0.010) 690.41 ug/L m**

**response 16476864**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 62.00 | 100.00 | 100.00 |
| 64.10 | 31.90  | 51.43# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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| Compound                      | R.T.   | Q     | Ion       | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|--------|-------|-----------|----------|--------|-----------|----------|
| -----                         |        |       |           |          |        |           |          |
| Internal Standards            |        |       |           |          |        |           |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   |           | 258279   | 5.000  | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   |           | 265919   | 5.000  | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.810 | 152   |           | 136854   | 5.000  | ug/L      | 0.00     |
| System Monitoring Compounds   |        |       |           |          |        |           |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    |           | 294611   | 11.286 | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130  | Recovery | =      | 225.800%# |          |
| 7) Chloroethane-d5            | 1.911  | 69    |           | 66055    | 2.871  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130  | Recovery | =      | 57.400%#  |          |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    |           | 44902    | 4.179  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125  | Recovery | =      | 83.600%   |          |
| 20) 2-Butanone-d5             | 4.624  | 46    |           | 213966   | 45.380 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130  | Recovery | =      | 90.760%   |          |
| 24) Chloroform-d              | 5.058  | 84    |           | 198344   | 4.201  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125  | Recovery | =      | 84.000%   |          |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    |           | 96411    | 4.245  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130  | Recovery | =      | 84.800%   |          |
| 32) Benzene-d6                | 5.724  | 84    |           | 413879   | 4.450  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125  | Recovery | =      | 89.000%   |          |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    |           | 124768   | 4.490  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140  | Recovery | =      | 89.800%   |          |
| 41) Toluene-d8                | 7.894  | 98    |           | 367584   | 4.336  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130  | Recovery | =      | 86.800%   |          |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    |           | 44002    | 4.512  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130  | Recovery | =      | 90.200%   |          |
| 46) 2-Hexanone-d5             | 8.631  | 63    |           | 134593   | 45.371 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130  | Recovery | =      | 90.740%   |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    |           | 97654    | 4.689  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120  | Recovery | =      | 93.800%   |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   |           | 131720   | 4.769  | ug/L      | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120  | Recovery | =      | 95.400%   |          |
| Target Compounds              |        |       |           |          |        |           |          |
| 5) Vinyl chloride             | 1.592  | 62    | 16476864m | 690.414  | ug/L   |           |          |
| 12) 1,1-Dichloroethene        | 2.576  | 96    | 8127      | 0.450    | ug/L # |           | 1        |
| 14) Carbon disulfide          | 2.792  | 76    | 22237     | 0.410    | ug/L   |           | 99       |
| 18) trans-1,2-Dichloroethene  | 3.351  | 96    | 78105     | 4.291    | ug/L   |           | 96       |
| 22) cis-1,2-Dichloroethene    | 4.660  | 96    | 12905649  | 611.576  | ug/L   |           | 98       |
| 33) Benzene                   | 5.775  | 78    | 36615     | 0.478    | ug/L   |           | 100      |
| -----                         |        |       |           |          |        |           |          |

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

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