

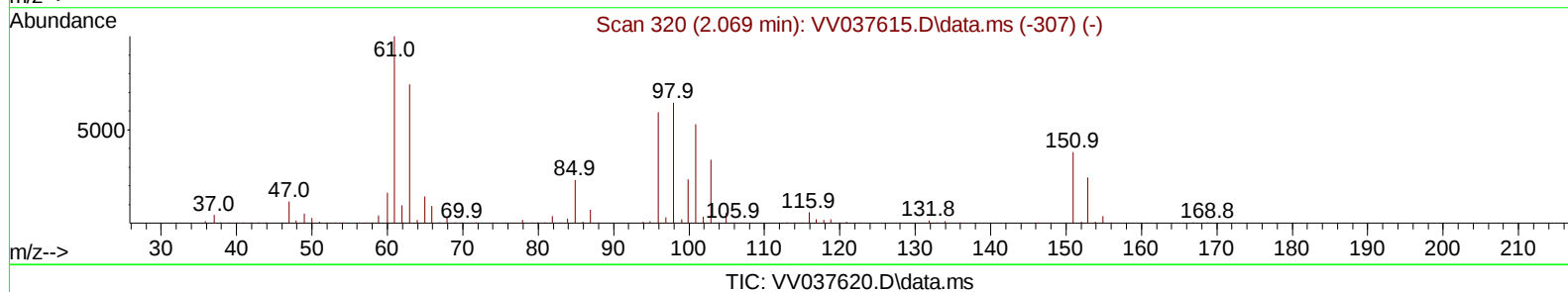
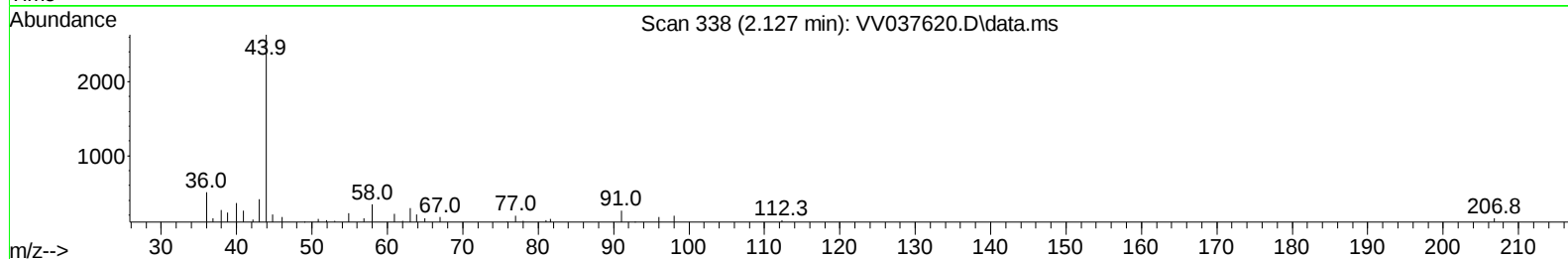
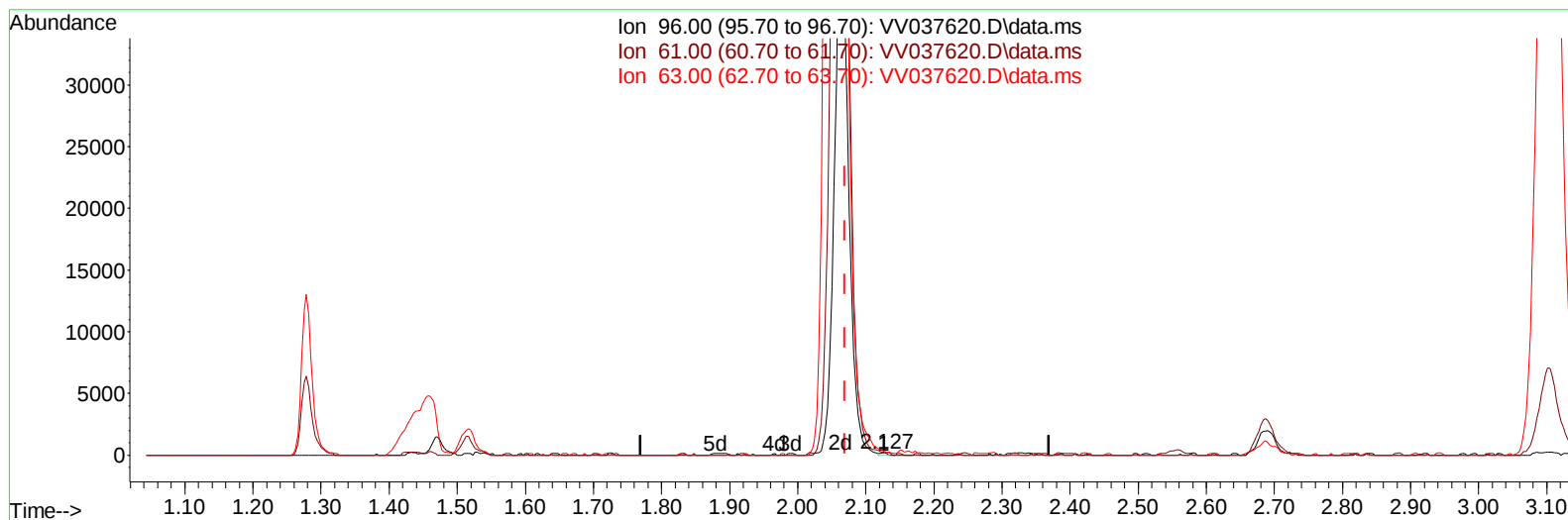
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092724\  
Data File : VV037620.D  
Acq On : 27 Sep 2024 20:39  
Operator : SY/MD  
Sample : P4184-20DL 5X  
Misc : 5mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EY046DL

Manual IntegrationsAPPROVED

Quant Time: Sep 28 04:19:26 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092624WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Sep 28 00:49:19 2024  
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 09/30/2024  
Supervised By :Mahesh Dadoda 09/30/2024



(12) 1,1-Dichloroethene (T)

2.127min (+ 0.058) 0.03 ug/L

response 117

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 175.10 | 126.44 |
| 63.00 | 168.60 | 168.39 |
| 0.00  | 0.00   | 0.00   |

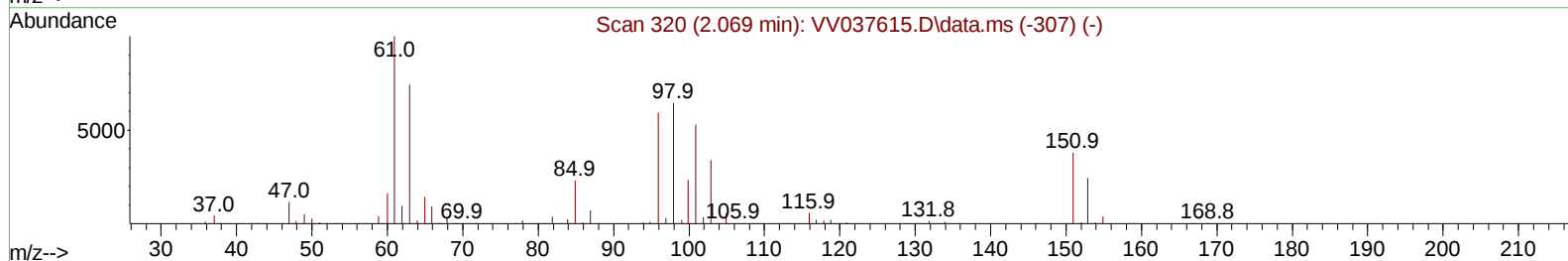
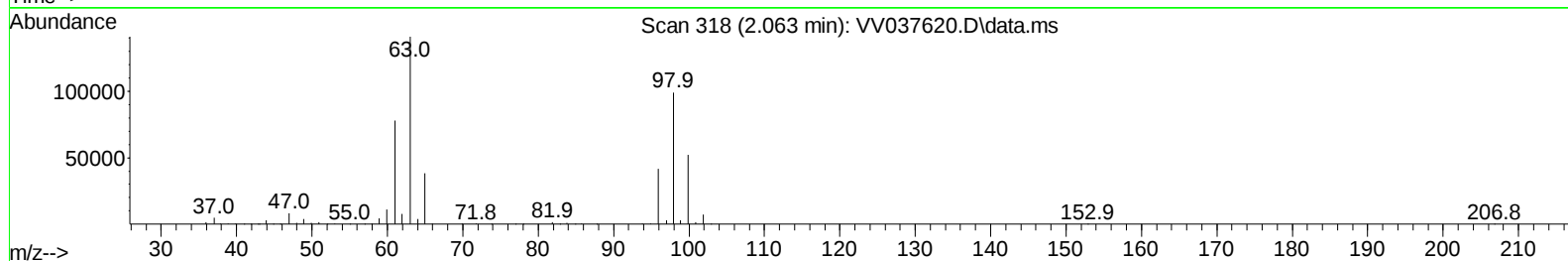
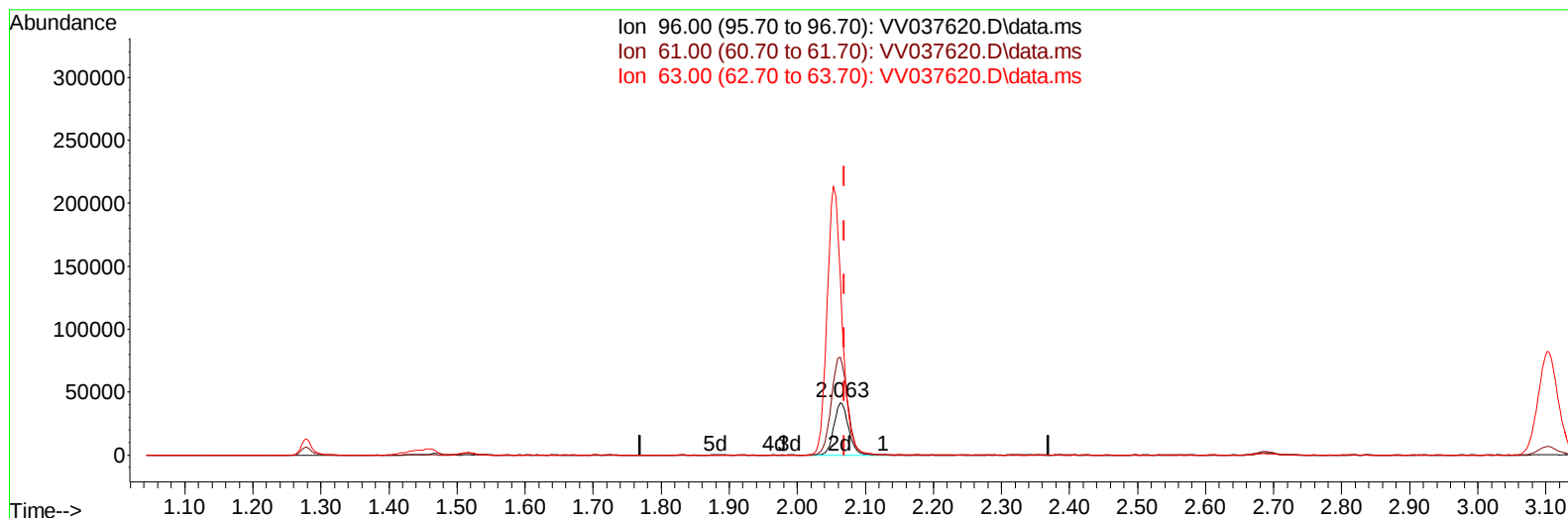
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TIC: VV037620.D\data.ms

## (12) 1,1-Dichloroethene (T)

2.063min (-0.006) 15.26 ug/L m

response 61693

| Ion   | Exp%   | Act%    |
|-------|--------|---------|
| 96.00 | 100.00 | 100.00  |
| 61.00 | 175.10 | 187.65  |
| 63.00 | 168.60 | 339.23# |
| 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        | 5.526    | 114   |     | 607298   | 50.000 | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 8.780    | 117   |     | 577361   | 50.000 | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.178   | 152   |     | 276570   | 50.000 | ug/L    | 0.00     |
| System Monitoring Compounds   |          |       |     |          |        |         |          |
| 4) Vinyl Chloride-d3          | 1.278    | 65    |     | 206185   | 38.676 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 135 |     | Recovery | =      | 77.360% |          |
| 7) Chloroethane-d5            | 1.516    | 69    |     | 175370   | 42.380 | ug/L    | -0.02    |
| Spiked Amount 50.000          | Range 70 | - 130 |     | Recovery | =      | 84.760% |          |
| 11) 1,1-Dichloroethene-d2     | 2.053    | 65    |     | 92899    | 41.710 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 125 |     | Recovery | =      | 83.420% |          |
| 21) 2-Butanone-d5             | 3.793    | 46    |     | 170448   | 89.764 | ug/L    | 0.00     |
| Spiked Amount 100.000         | Range 40 | - 130 |     | Recovery | =      | 89.760% |          |
| 24) Chloroform-d              | 4.240    | 84    |     | 408126   | 43.030 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 |     | Recovery | =      | 86.060% |          |
| 26) 1,2-Dichloroethane-d4     | 4.934    | 65    |     | 248973   | 44.847 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 |     | Recovery | =      | 89.700% |          |
| 32) Benzene-d6                | 4.950    | 84    |     | 807295   | 44.684 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 |     | Recovery | =      | 89.360% |          |
| 36) 1,2-Dichloropropane-d6    | 5.982    | 67    |     | 259273   | 45.067 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 120 |     | Recovery | =      | 90.140% |          |
| 41) Toluene-d8                | 7.236    | 98    |     | 700262   | 42.745 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 |     | Recovery | =      | 85.480% |          |
| 43) trans-1,3-Dichloroprop... | 7.548    | 79    |     | 112639   | 42.148 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 125 |     | Recovery | =      | 84.300% |          |
| 47) 2-Hexanone-d5             | 8.024    | 63    |     | 104369   | 85.915 | ug/L    | 0.00     |
| Spiked Amount 100.000         | Range 45 | - 130 |     | Recovery | =      | 85.910% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.146   | 84    |     | 297905   | 44.566 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 65 | - 120 |     | Recovery | =      | 89.140% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.555   | 152   |     | 276212   | 47.395 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 |     | Recovery | =      | 94.780% |          |
| Target Compounds              |          |       |     |          |        |         |          |
| 12) 1,1-Dichloroethene        | 2.063    | 96    |     | 61693m   | 15.259 | ug/L    |          |
| 19) 1,1-Dichloroethane        | 3.102    | 63    |     | 170775   | 20.839 | ug/L    | 99       |
| 20) cis-1,2-Dichloroethene    | 3.806    | 96    |     | 44977    | 9.397  | ug/L    | 96       |
| 30) 1,1,1-Trichloroethane     | 4.503    | 97    |     | 411765   | 57.906 | ug/L    | 99       |
| 34) Trichloroethene           | 5.831    | 95    |     | 35001    | 7.548  | ug/L    | 97       |
| 46) Tetrachloroethene         | 7.899    | 164   |     | 47911    | 13.513 | ug/L    | 98       |
| -----                         |          |       |     |          |        |         |          |

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

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