

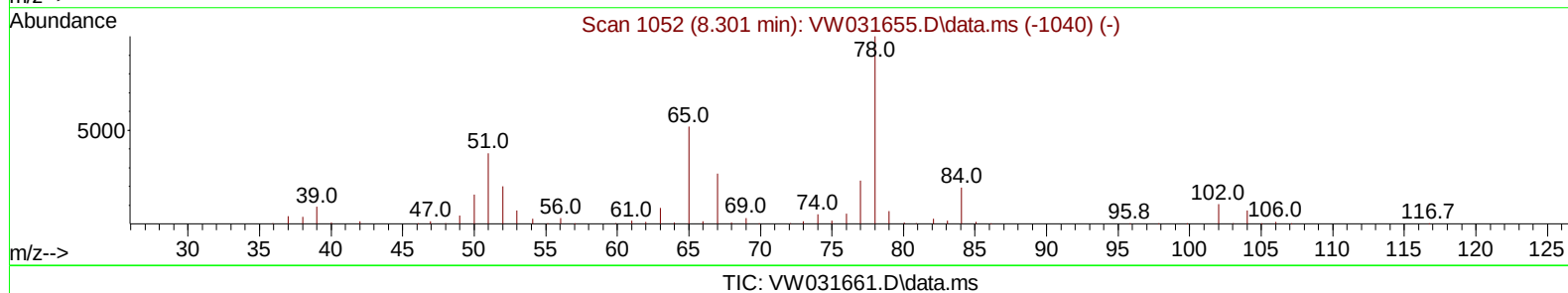
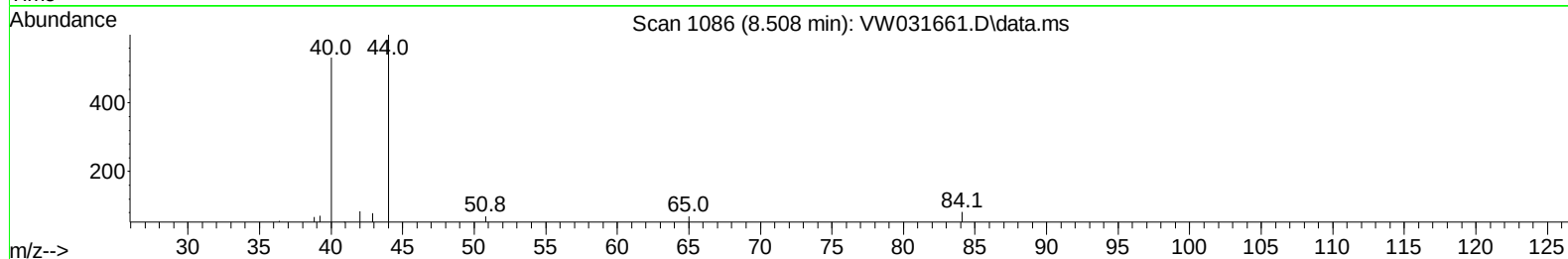
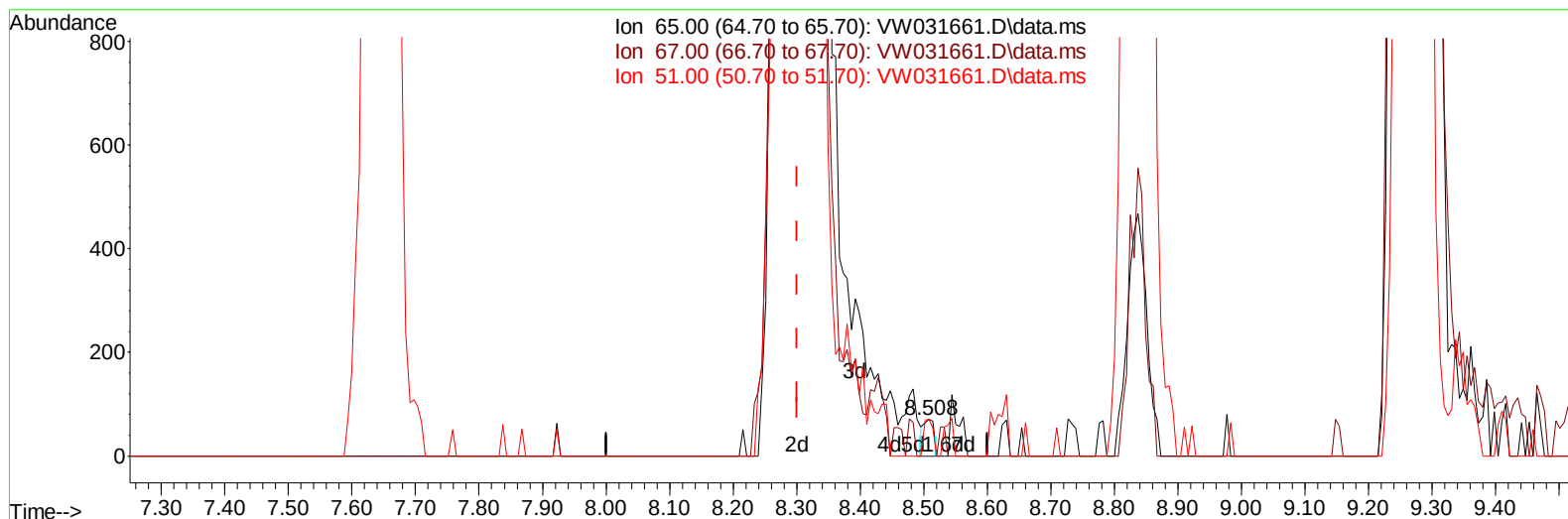
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW013025\  
Data File : VW031661.D  
Acq On : 30 Jan 2025 16:58  
Operator : SY/MD  
Sample : Q1189-21  
Misc : 6.13g/10mL/MSVOA\_W/SOIL/A  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
A44T5

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2025  
Supervised By :Mahesh Dadoda 01/31/2025

Quant Time: Jan 31 07:36:14 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011025SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Jan 31 07:33:50 2025  
Response via : Initial Calibration



## (26) 1,2-Dichloroethane-d4 (S)

8.508min (+ 0.207) 0.01 ug/L

response 74

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 53.30  | 55.41  |
| 51.00 | 109.70 | 94.59  |
| 0.00  | 0.00   | 0.00   |

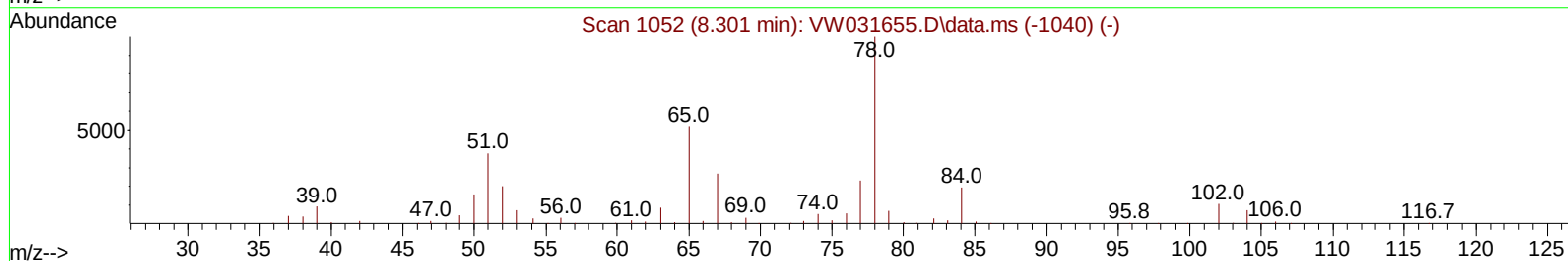
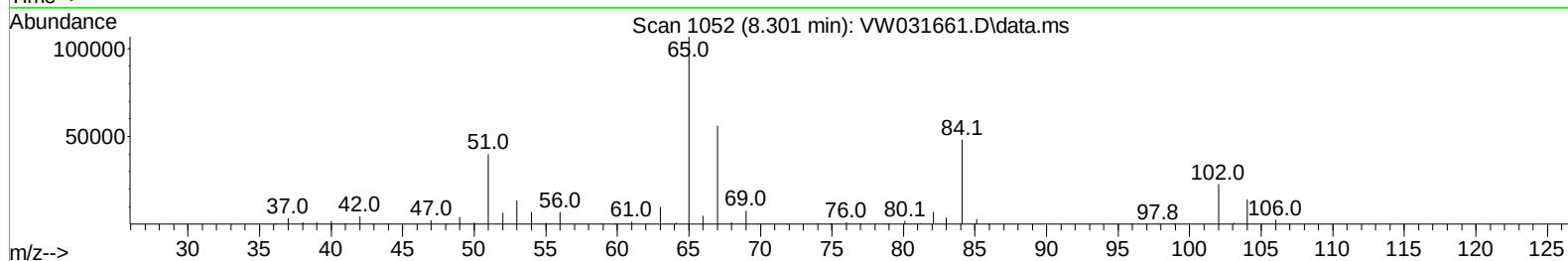
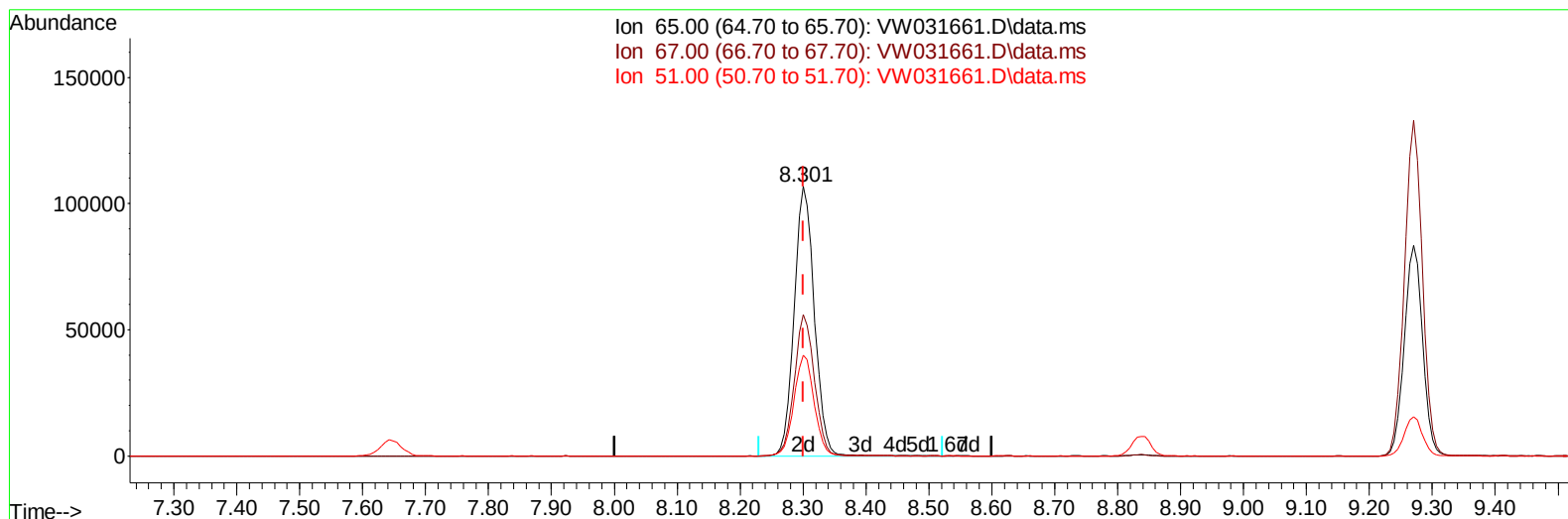
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TIC: VW031661.D\data.ms

## (26) 1,2-Dichloroethane-d4 (S)

8.301min (+ 0.000) 21.36 ug/L m

response 236913

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 53.30  | 0.02#  |
| 51.00 | 109.70 | 0.03#  |
| 0.00  | 0.00   | 0.00   |

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Instrument :  
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Manual IntegrationsAPPROVED

Quant Time: Jan 31 07:36:14 2025  
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 Quant Title : SFAM01.0  
 QLast Update : Fri Jan 31 07:33:50 2025  
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| Compound                      | R.T.   | Q     | Ion      | Response | Conc   | Units     | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|-----------|----------|
| -----                         |        |       |          |          |        |           |          |
| Internal Standards            |        |       |          |          |        |           |          |
| 1) 1,4-Difluorobenzene        | 8.837  | 114   |          | 870584   | 25.000 | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   |          | 679511   | 25.000 | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   |          | 227662   | 25.000 | ug/L      | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |           |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    |          | 166379   | 12.179 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 48.720%   |          |
| 7) Chloroethane-d5            | 2.893  | 69    |          | 133198   | 13.653 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 54.600%   |          |
| 11) 1,1-Dichloroethene-d2     | 4.015  | 65    |          | 85498    | 14.066 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 56.280%   |          |
| 21) 2-Butanone-d5             | 7.081  | 46    |          | 142532   | 64.904 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 129.800%  |          |
| 24) Chloroform-d              | 7.642  | 84    |          | 400944   | 17.795 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 71.200%   |          |
| 26) 1,2-Dichloroethane-d4     | 8.301  | 65    |          | 236913m  | 21.364 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 85.440%   |          |
| 32) Benzene-d6                | 8.270  | 84    |          | 823761   | 19.300 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 77.200%   |          |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    |          | 262930   | 20.864 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 83.440%   |          |
| 41) Toluene-d8                | 10.319 | 98    |          | 673777   | 17.487 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 69.960%   |          |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    |          | 101584   | 19.629 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 78.520%   |          |
| 47) 2-Hexanone-d5             | 10.922 | 63    |          | 101647   | 79.037 | ug/L      | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 158.080%# |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    |          | 228454   | 29.643 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 118.560%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   |          | 155625   | 19.490 | ug/L      | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 77.960%   |          |
| Target Compounds              |        |       |          |          |        |           |          |
| 13) Acetone                   | 4.149  | 43    |          | 32415    | 19.179 | ug/L #    | 55       |
| -----                         |        |       |          |          |        |           |          |

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

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