

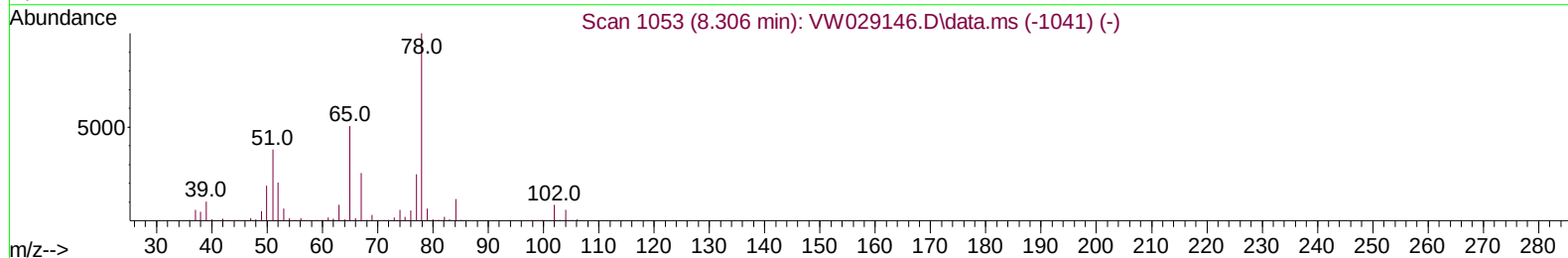
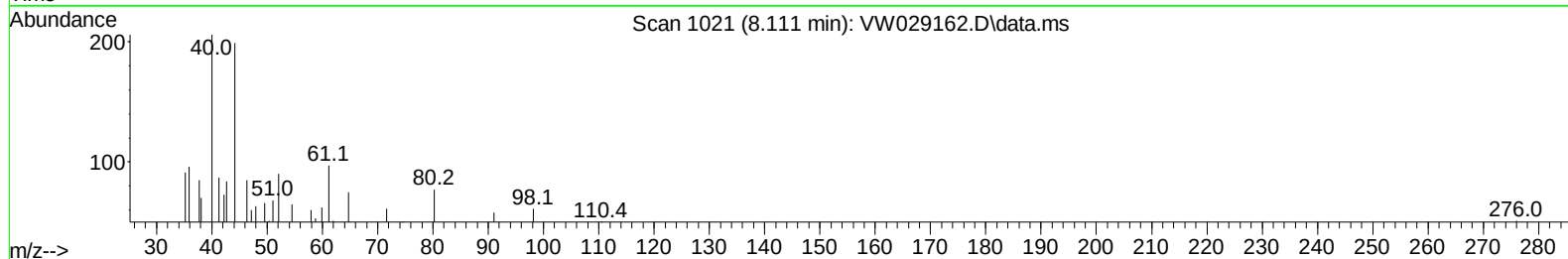
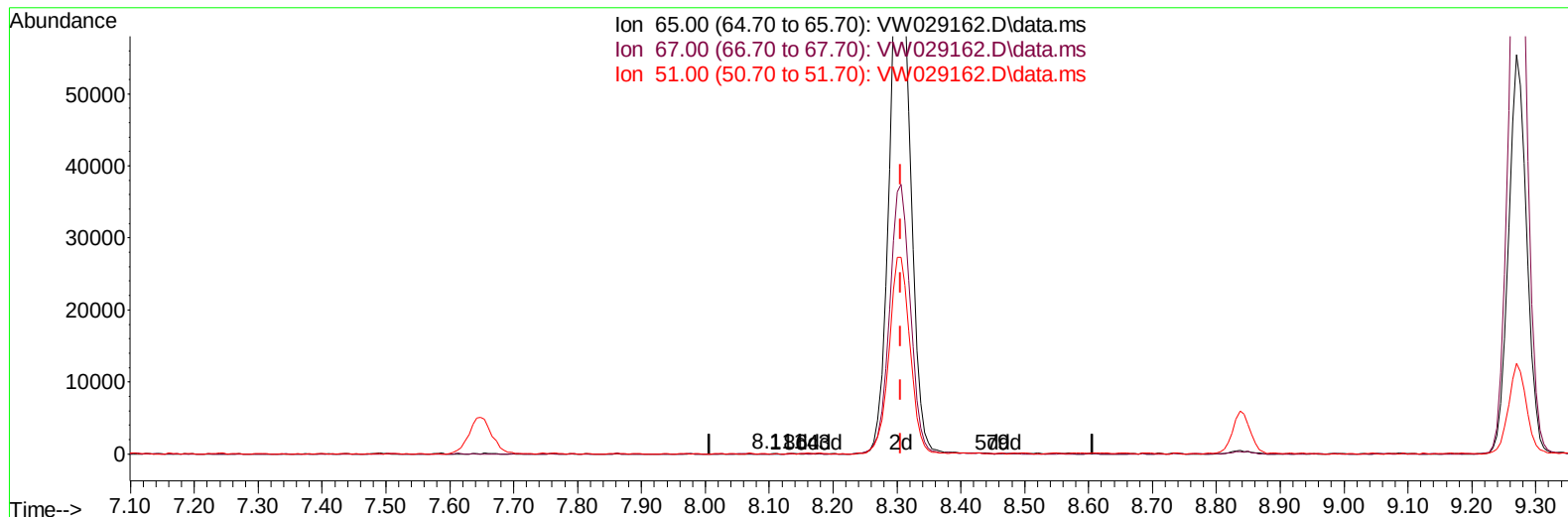
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061424\  
 Data File : VW029162.D  
 Acq On : 14 Jun 2024 18:12  
 Operator : SY/MD  
 Sample : P2871-13  
 Misc : 5.13g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A4CN3

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 06/17/2024  
 Supervised By :Mahesh Dadoda 06/21/2024

Quant Time: Jun 15 00:23:53 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM060324SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Jun 15 00:20:11 2024  
 Response via : Initial Calibration



TIC: VW029162.D\data.ms

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

8.111min (-0.195) 0.01 ug/L

response 49

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.90  | 46.94  |
| 51.00 | 105.10 | 108.16 |
| 0.00  | 0.00   | 0.00   |

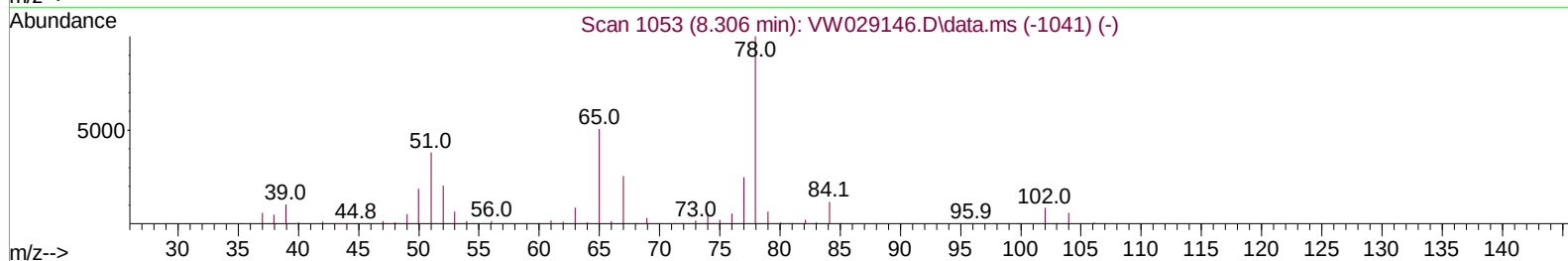
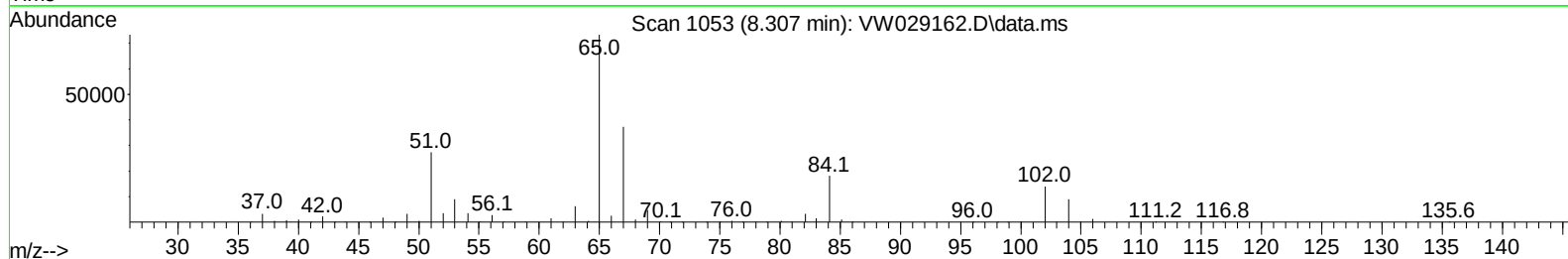
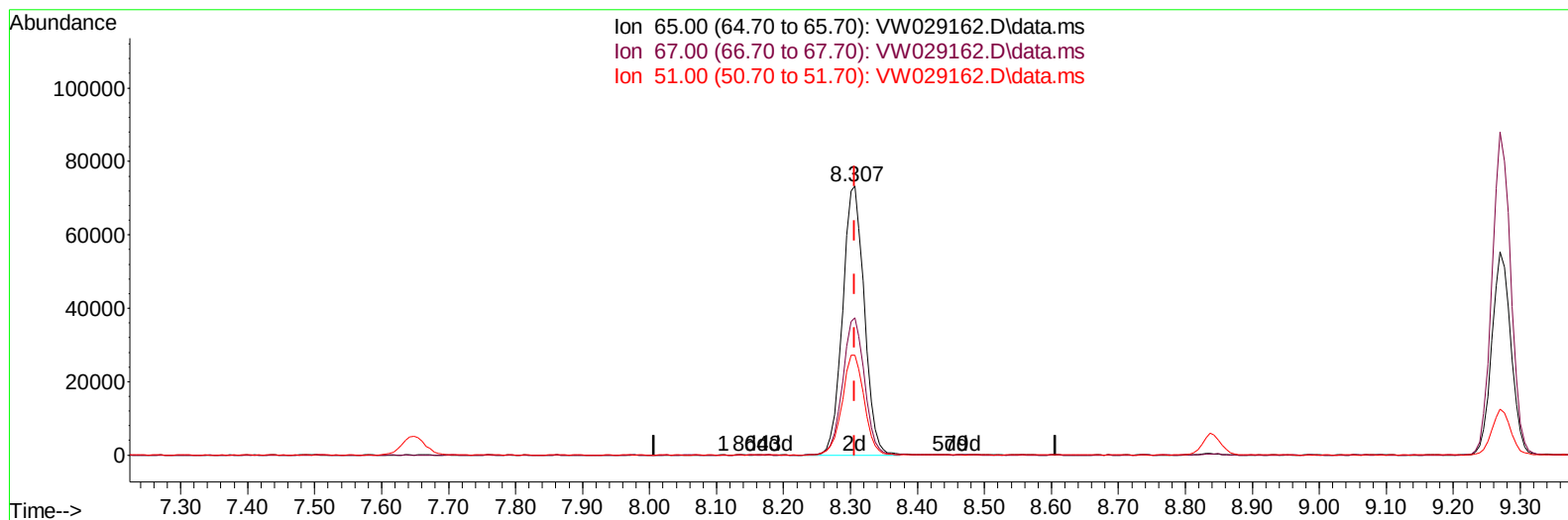
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TIC: VW029162.D\data.ms

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

8.307min (+ 0.000) 23.84 ug/L m

response 165148

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.90  | 0.01#  |
| 51.00 | 105.10 | 0.03#  |
| 0.00  | 0.00   | 0.00   |

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Manual IntegrationsAPPROVED

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| Compound                      | R.T.     | Q     | Ion | Response   | Conc     | Units | Dev(Min)  |
|-------------------------------|----------|-------|-----|------------|----------|-------|-----------|
| -----                         |          |       |     |            |          |       |           |
| Internal Standards            |          |       |     |            |          |       |           |
| 1) 1,4-Difluorobenzene        | 8.843    | 114   |     | 461278     | 25.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 11.629   | 117   |     | 423366     | 25.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.556   | 152   |     | 198265     | 25.000   | ug/L  | 0.00      |
| System Monitoring Compounds   |          |       |     |            |          |       |           |
| 4) Vinyl Chloride-d3          | 2.369    | 65    |     | 124831     | 17.035   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 68.120%  |       |           |
| 7) Chloroethane-d5            | 2.899    | 69    |     | 109761     | 19.505   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 78.040%  |       |           |
| 11) 1,1-Dichloroethene-d2     | 4.021    | 65    |     | 56746      | 17.618   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 45 | - 110 |     | Recovery = | 70.480%  |       |           |
| 21) 2-Butanone-d5             | 7.075    | 46    |     | 84558      | 56.476   | ug/L  | 0.00      |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 112.960% |       |           |
| 24) Chloroform-d              | 7.648    | 84    |     | 281636     | 21.401   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 40 | - 150 |     | Recovery = | 85.600%  |       |           |
| 26) 1,2-Dichloroethane-d4     | 8.307    | 65    |     | 165148m    | 23.837   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 70 | - 130 |     | Recovery = | 95.360%  |       |           |
| 32) Benzene-d6                | 8.270    | 84    |     | 530426     | 20.413   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 20 | - 135 |     | Recovery = | 81.640%  |       |           |
| 36) 1,2-Dichloropropane-d6    | 9.270    | 67    |     | 172525     | 21.898   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 70 | - 120 |     | Recovery = | 87.600%  |       |           |
| 41) Toluene-d8                | 10.318   | 98    |     | 459255     | 19.805   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 30 | - 130 |     | Recovery = | 79.240%  |       |           |
| 43) trans-1,3-Dichloroprop... | 10.574   | 79    |     | 64368      | 21.262   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 30 | - 135 |     | Recovery = | 85.040%  |       |           |
| 47) 2-Hexanone-d5             | 10.922   | 63    |     | 60086      | 57.792   | ug/L  | 0.00      |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 115.580% |       |           |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    |     | 141246     | 25.806   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 45 | - 120 |     | Recovery = | 103.240% |       |           |
| 66) 1,2-Dichlorobenzene-d4    | 13.848   | 152   |     | 156914     | 22.303   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 75 | - 120 |     | Recovery = | 89.200%  |       |           |
| Target Compounds              |          |       |     |            |          |       |           |
| 16) Methylene chloride        | 4.923    | 84    |     | 18610      | 2.688    | ug/L  | Qvalue 94 |
| -----                         |          |       |     |            |          |       |           |

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

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