

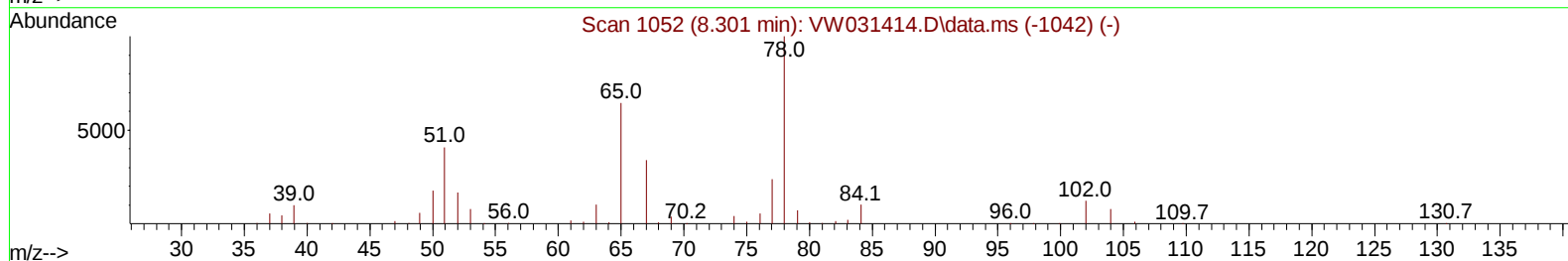
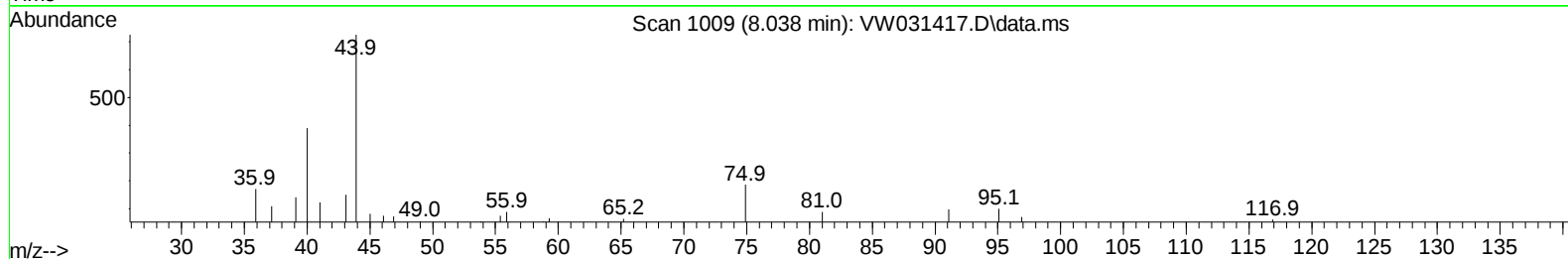
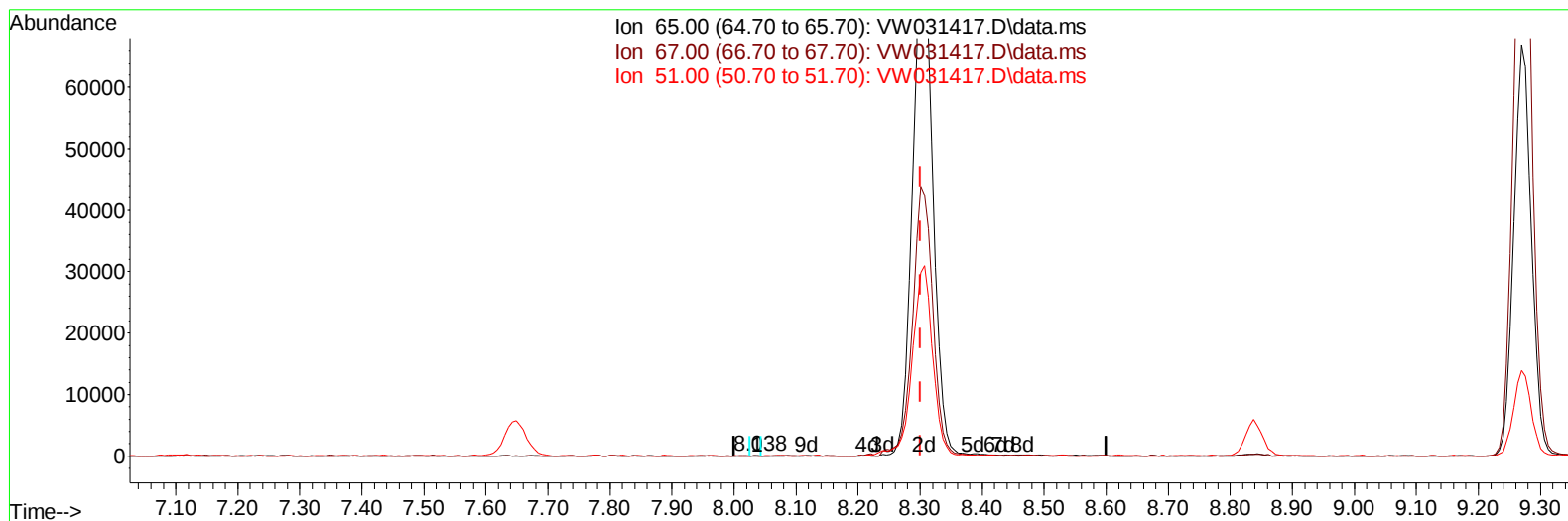
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122024\  
 Data File : VW031417.D  
 Acq On : 20 Dec 2024 11:00  
 Operator : SY/MD  
 Sample : P5226-10  
 Misc : 5.01g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK001

Manual IntegrationsAPPROVED

Quant Time: Dec 20 22:00:01 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121324SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Dec 20 21:58:26 2024  
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/23/2024  
 Supervised By :Semsettin Yesilyurt 12/23/2024



TIC: VW031417.D\data.ms

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

8.038min (-0.262) 0.01 ug/L

response 44

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 54.50  | 56.82  |
| 51.00 | 108.10 | 111.36 |
| 0.00  | 0.00   | 0.00   |

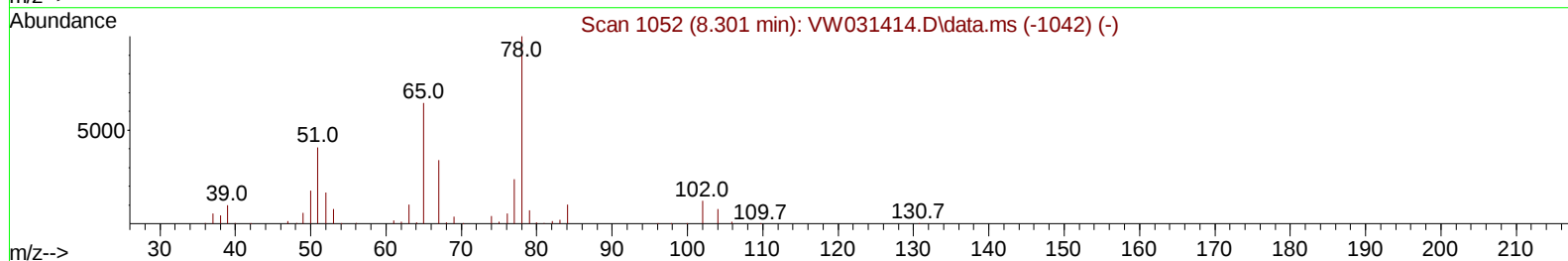
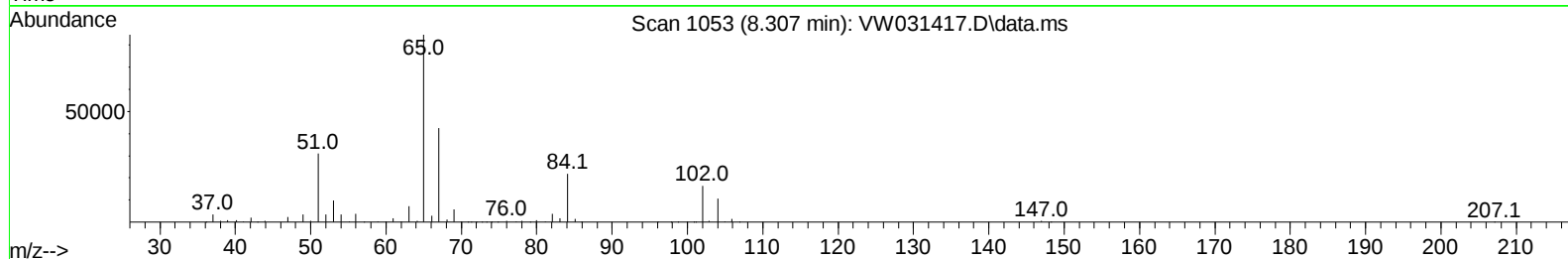
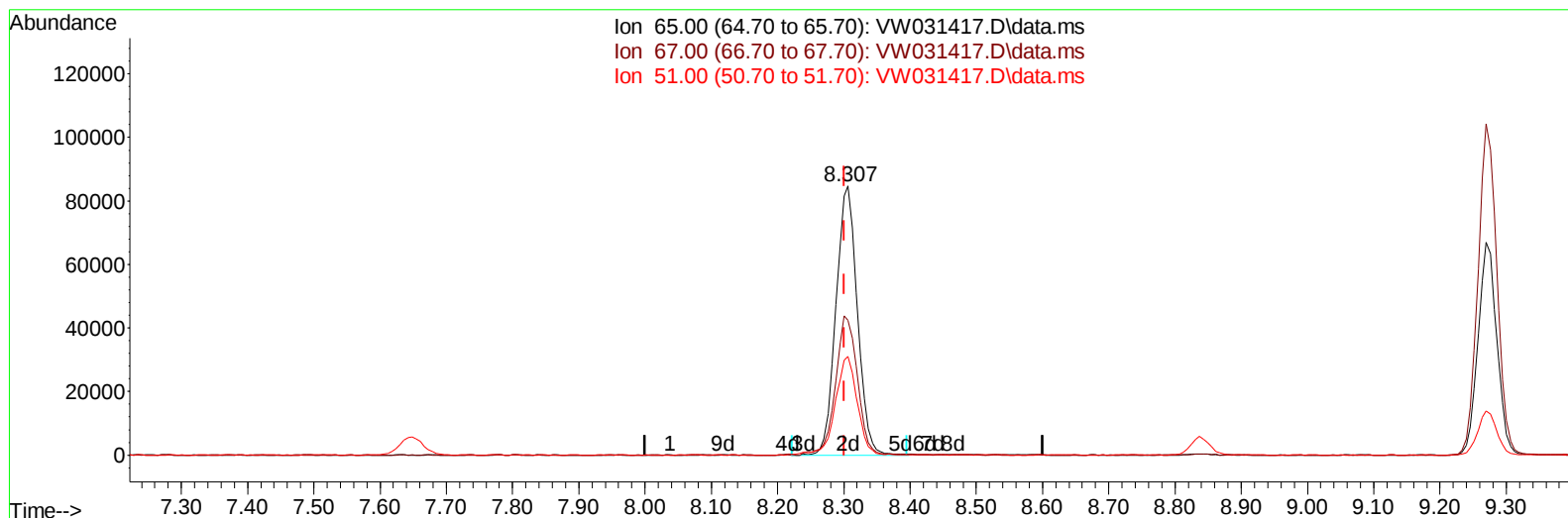
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TIC: VW031417.D\data.ms

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

8.307min (+ 0.006) 24.59 ug/L m

response 189840

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 54.50  | 0.01#  |
| 51.00 | 108.10 | 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   |     | 561006     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629   | 117   |     | 479537     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.550   | 152   |     | 226829     | 25.000   | ug/L  | 0.00     |
|                               |          |       |     |            |          |       |          |
| System Monitoring Compounds   |          |       |     |            |          |       |          |
| 4) Vinyl Chloride-d3          | 2.363    | 65    |     | 173915     | 20.604   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 82.400%  |       |          |
| 7) Chloroethane-d5            | 2.899    | 69    |     | 146281     | 23.427   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 93.720%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.021    | 65    |     | 75434      | 18.840   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 |     | Recovery = | 75.360%  |       |          |
| 21) 2-Butanone-d5             | 7.094    | 46    |     | 78758      | 49.544   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 99.080%  |       |          |
| 24) Chloroform-d              | 7.648    | 84    |     | 340211     | 22.133   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 |     | Recovery = | 88.520%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.307    | 65    |     | 189840m    | 24.592   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 |     | Recovery = | 98.360%  |       |          |
| 32) Benzene-d6                | 8.270    | 84    |     | 691273     | 22.491   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 |     | Recovery = | 89.960%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.270    | 67    |     | 207256     | 23.137   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 |     | Recovery = | 92.560%  |       |          |
| 41) Toluene-d8                | 10.319   | 98    |     | 638429     | 22.328   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 |     | Recovery = | 89.320%  |       |          |
| 43) trans-1,3-Dichloroprop... | 10.575   | 79    |     | 81211      | 19.662   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 |     | Recovery = | 78.640%  |       |          |
| 47) 2-Hexanone-d5             | 10.922   | 63    |     | 62329      | 51.740   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 103.480% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    |     | 151243     | 26.891   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 |     | Recovery = | 107.560% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848   | 152   |     | 197817     | 23.491   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 |     | Recovery = | 93.960%  |       |          |

Target Compounds Qvalue

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

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