

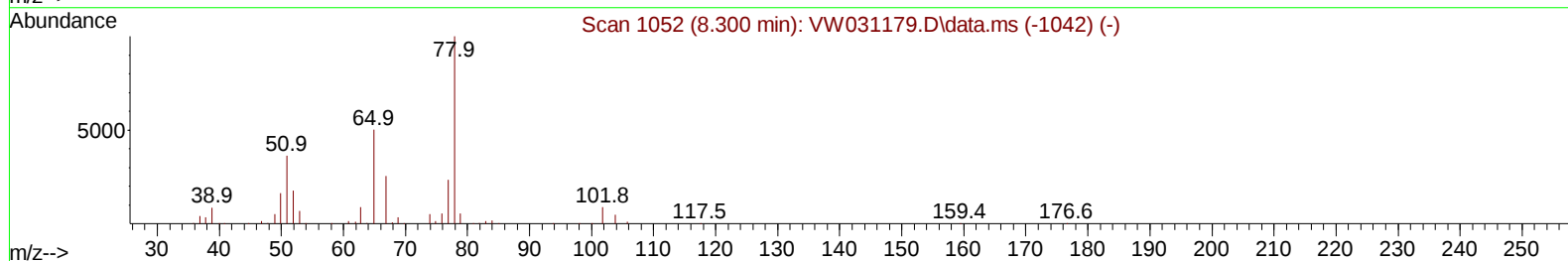
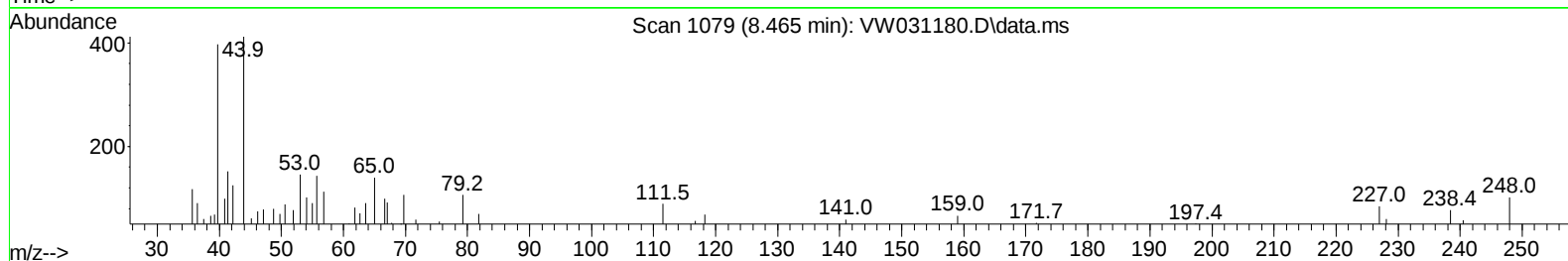
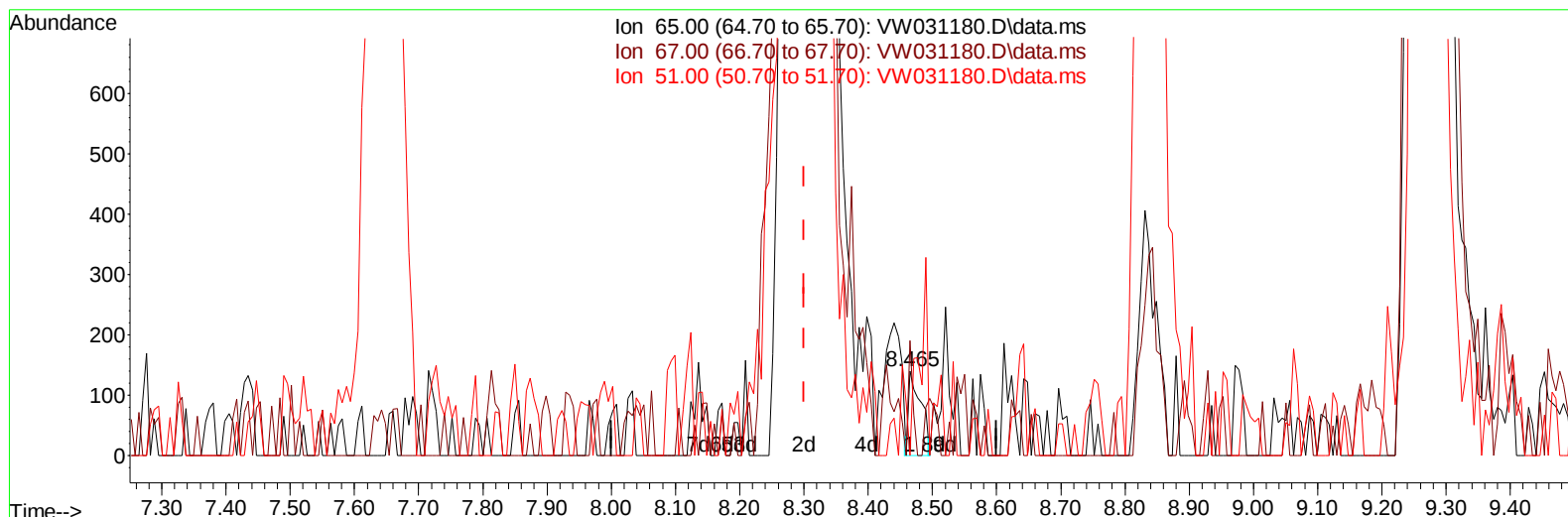
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121024\  
Data File : VW031180.D  
Acq On : 10 Dec 2024 10:01  
Operator : SY/MD  
Sample : VW1210SBL01  
Misc : 5.00g/10mL/MSVOA\_W/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VBLK403

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:36:29 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120424SMA.M  
Quant Title : SFAM01.0  
QLast Update : Wed Dec 11 00:26:57 2024  
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/11/2024  
Supervised By :Semsettin Yesilyurt 12/11/2024



TIC: VW031180.D\data.ms

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

8.465min (+ 0.165) 0.04 ug/L

response 186

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.30  | 51.08  |
| 51.00 | 104.20 | 86.56  |
| 0.00  | 0.00   | 0.00   |

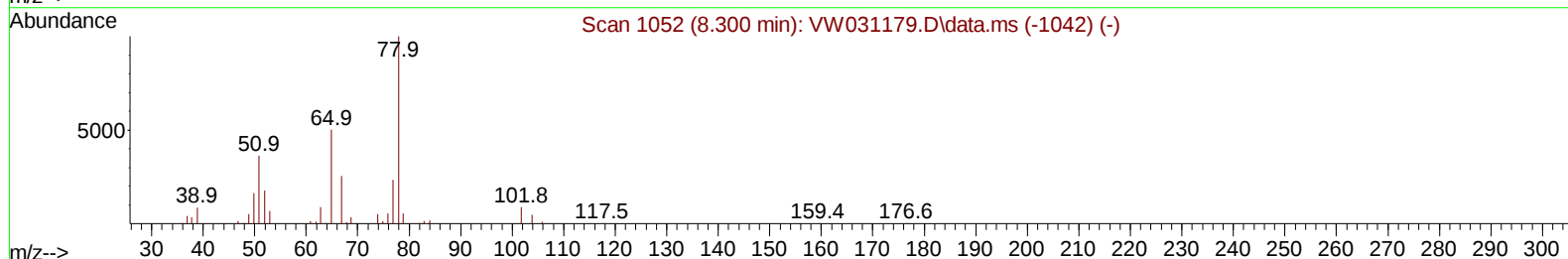
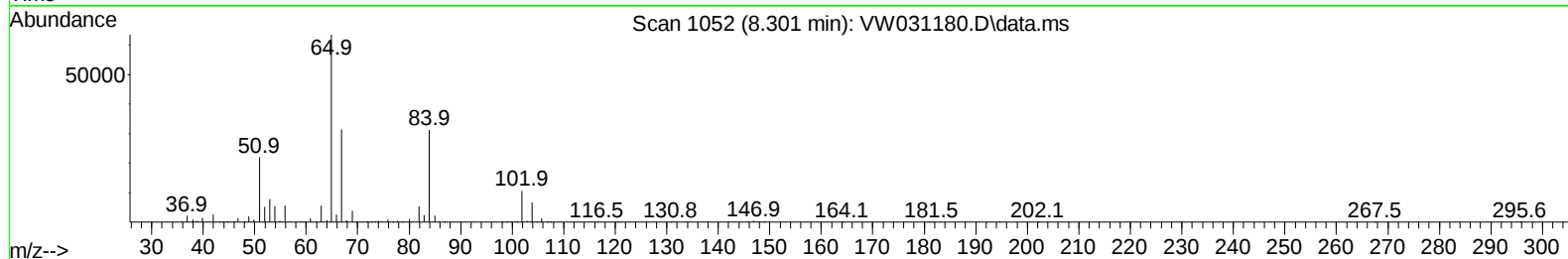
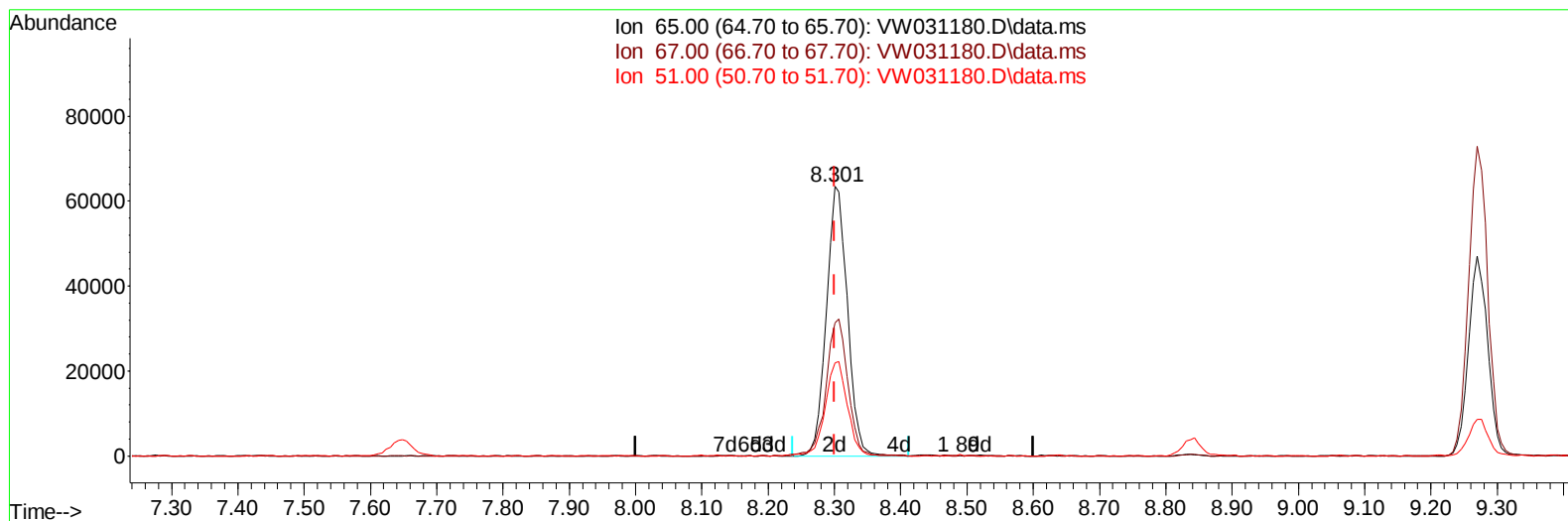
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TIC: VW031180.D\data.ms

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

8.301min (+ 0.000) 30.07 ug/L m

response 140051

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.30  | 0.07#  |
| 51.00 | 104.20 | 0.11#  |
| 0.00  | 0.00   | 0.00   |

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 ALS Vial : 5 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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 Quant Title : SFAM01.0  
 QLast Update : Wed Dec 11 00:26:57 2024  
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| Compound                      | R.T.     | Q     | Ion | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|----------|-------|-----|----------|--------|----------|----------|
| -----                         |          |       |     |          |        |          |          |
| Internal Standards            |          |       |     |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.837    | 114   |     | 323150   | 25.000 | ug/L     | # 0.00   |
| 28) Chlorobenzene-d5          | 11.629   | 117   |     | 316851   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556   | 152   |     | 130946   | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |     |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.363    | 65    |     | 103459   | 20.804 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery | =      | 83.200%  |          |
| 7) Chloroethane-d5            | 2.887    | 69    |     | 85467    | 22.152 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery | =      | 88.600%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.021    | 65    |     | 51499    | 22.698 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 |     | Recovery | =      | 90.800%  |          |
| 21) 2-Butanone-d5             | 7.093    | 46    |     | 53523    | 61.541 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery | =      | 123.080% |          |
| 24) Chloroform-d              | 7.642    | 84    |     | 243275   | 25.704 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 |     | Recovery | =      | 102.800% |          |
| 26) 1,2-Dichloroethane-d4     | 8.301    | 65    |     | 140051m  | 30.071 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 |     | Recovery | =      | 120.280% |          |
| 32) Benzene-d6                | 8.270    | 84    |     | 445690   | 22.886 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 |     | Recovery | =      | 91.560%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.270    | 67    |     | 148085   | 25.959 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 |     | Recovery | =      | 103.840% |          |
| 41) Toluene-d8                | 10.318   | 98    |     | 395590   | 22.509 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 |     | Recovery | =      | 90.040%  |          |
| 43) trans-1,3-Dichloroprop... | 10.575   | 79    |     | 56815    | 24.739 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 |     | Recovery | =      | 98.960%  |          |
| 47) 2-Hexanone-d5             | 10.922   | 63    |     | 39127    | 58.544 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery | =      | 117.080% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    |     | 113270   | 29.422 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 |     | Recovery | =      | 117.680% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848   | 152   |     | 114311   | 24.577 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 |     | Recovery | =      | 98.320%  |          |

Target Compounds Qvalue

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

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