

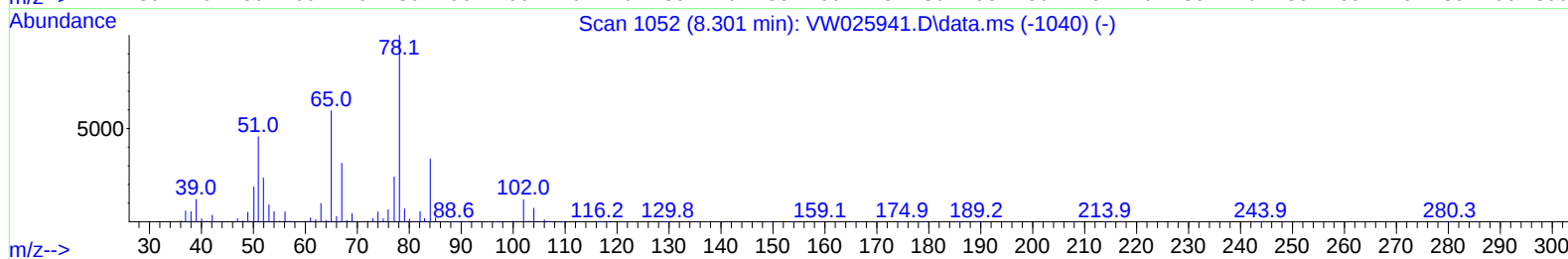
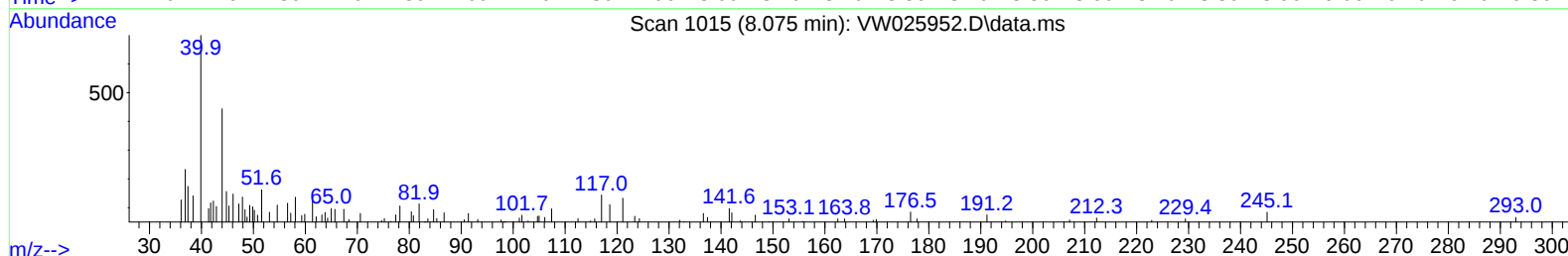
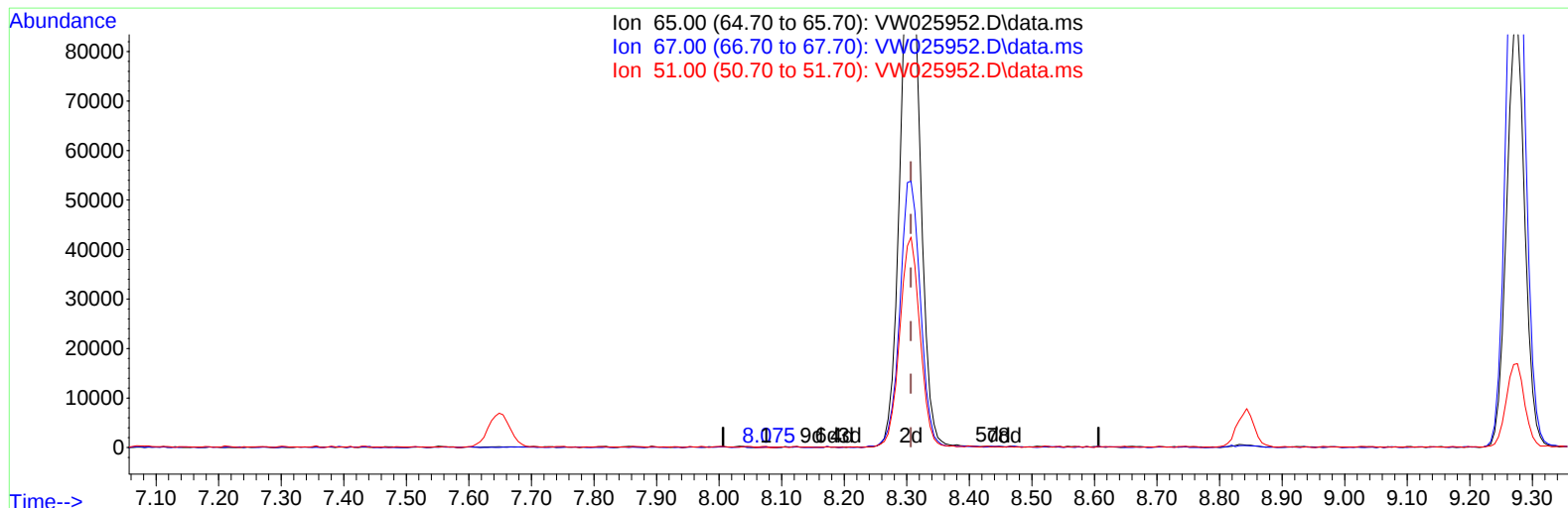
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051123\  
 Data File : VW025952.D  
 Acq On : 11 May 2023 13:27  
 Operator : SY/MD  
 Sample : 02697-07  
 Misc : 5.01g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK002

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 05/12/2023  
 Supervised By :Mahesh Dadoda 05/12/2023

Quant Time: May 12 05:38:21 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050123SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri May 05 23:47:36 2023  
 Response via : Initial Calibration



TIC: VW025952.D\data.ms

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

8.075min (-0.231) 0.01 ug/L

response 112

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.90  | 67.86  |
| 51.00 | 112.30 | 128.57 |
| 0.00  | 0.00   | 0.00   |

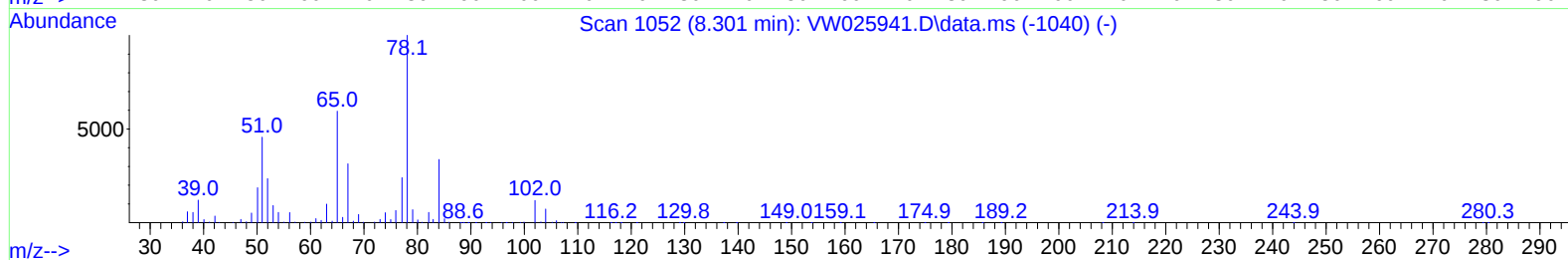
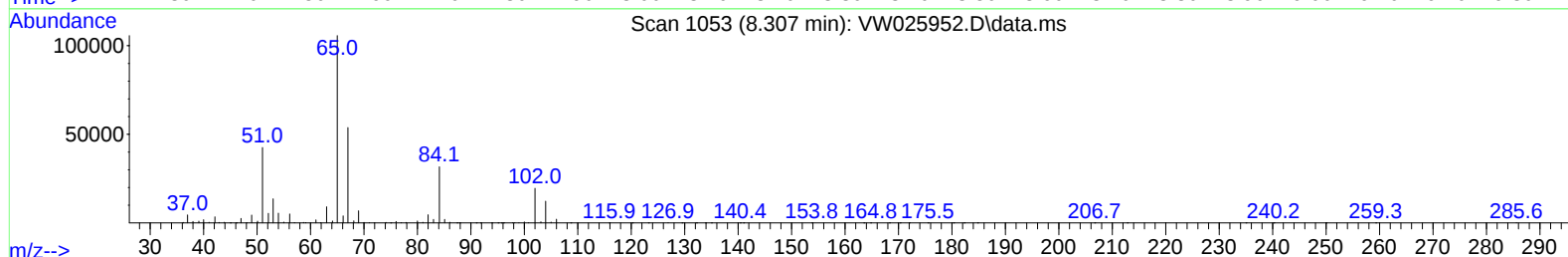
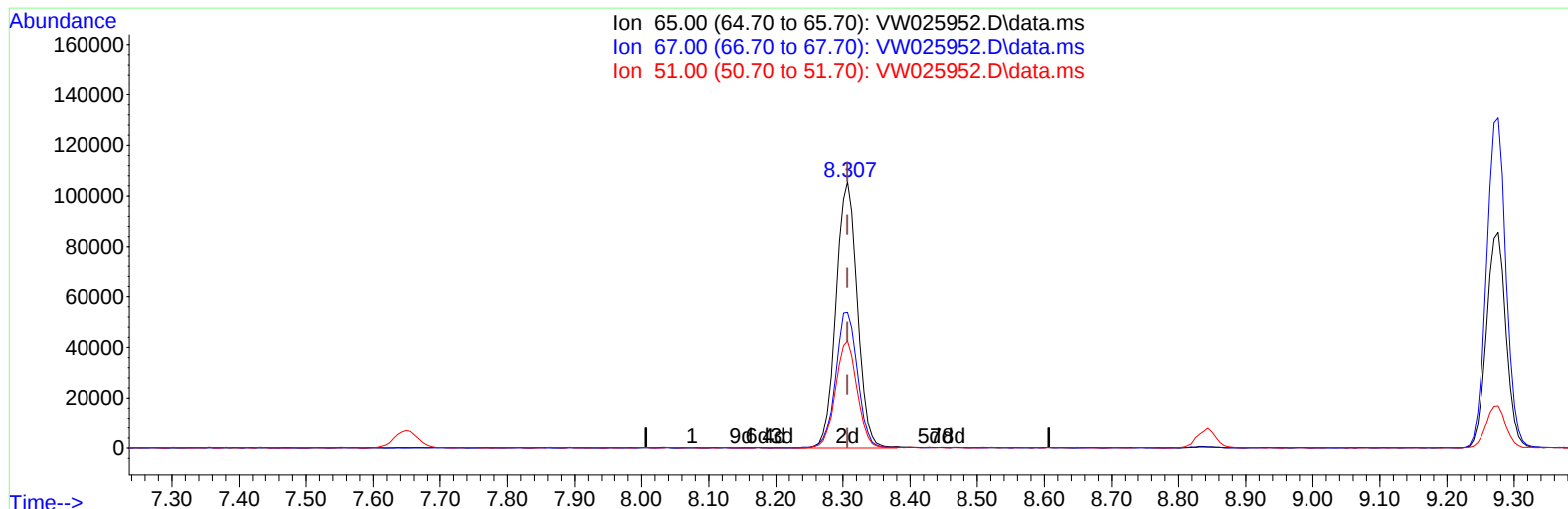
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TIC: VW025952.D\data.ms

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

8.307min (+ 0.000) 22.02 ug/L m

response 233242

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.90  | 0.03#  |
| 51.00 | 112.30 | 0.06#  |
| 0.00  | 0.00   | 0.00   |

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| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 8.843          | 114  | 649487     | 25.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 580873     | 25.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 274633     | 25.000  | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 2.363          | 65   | 193528     | 21.027  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 84.120% |       |          |
| 7) Chloroethane-d5            | 2.893          | 69   | 139632     | 20.464  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 81.840% |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.021          | 65   | 94648      | 20.537  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 82.160% |       |          |
| 21) 2-Butanone-d5             | 7.075          | 46   | 129357     | 42.515  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 85.020% |       |          |
| 24) Chloroform-d              | 7.648          | 84   | 404718     | 21.610  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 86.440% |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 233242m    | 22.024  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 88.080% |       |          |
| 32) Benzene-d6                | 8.276          | 84   | 828052     | 21.816  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 87.280% |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.276          | 67   | 265593     | 21.870  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 87.480% |       |          |
| 41) Toluene-d8                | 10.325         | 98   | 711849     | 21.032  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 84.120% |       |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 96771      | 19.659  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 78.640% |       |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 90627      | 43.764  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 87.520% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 207036     | 22.368  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 89.480% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.849         | 152  | 229351     | 22.909  | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 91.640% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 16) Methylene chloride        | 4.917          | 84   | 59745      | 4.460   | ug/L  | 93       |
| -----                         |                |      |            |         |       |          |

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

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