

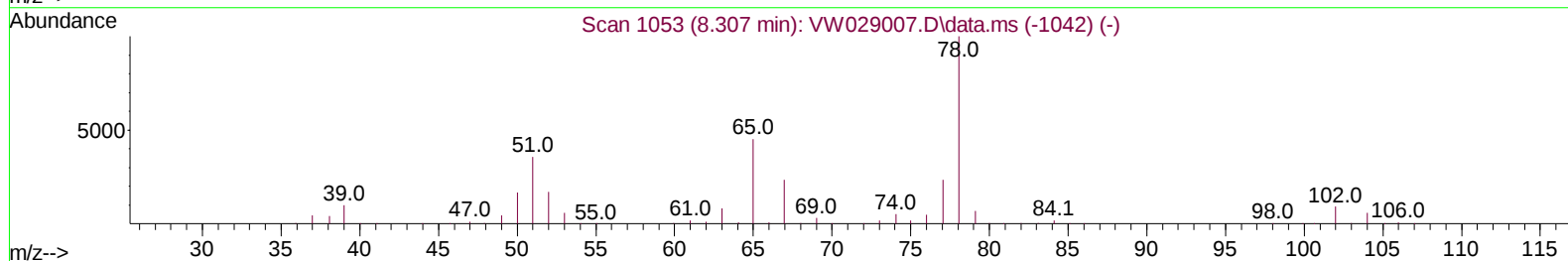
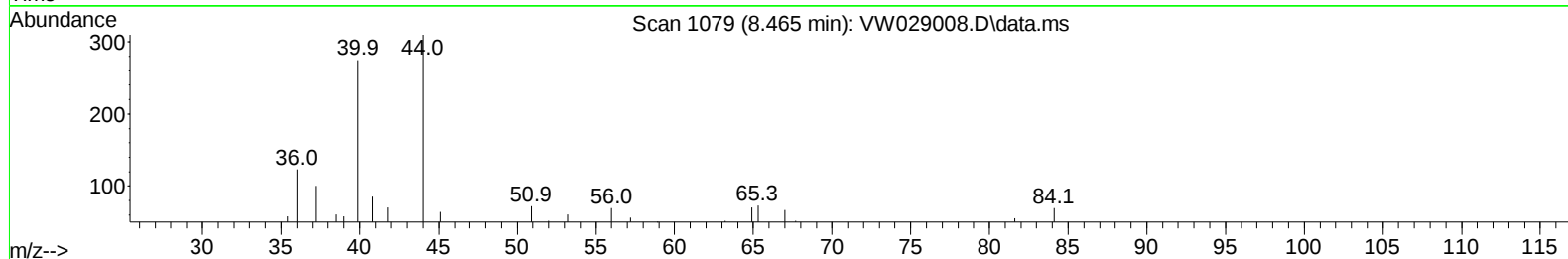
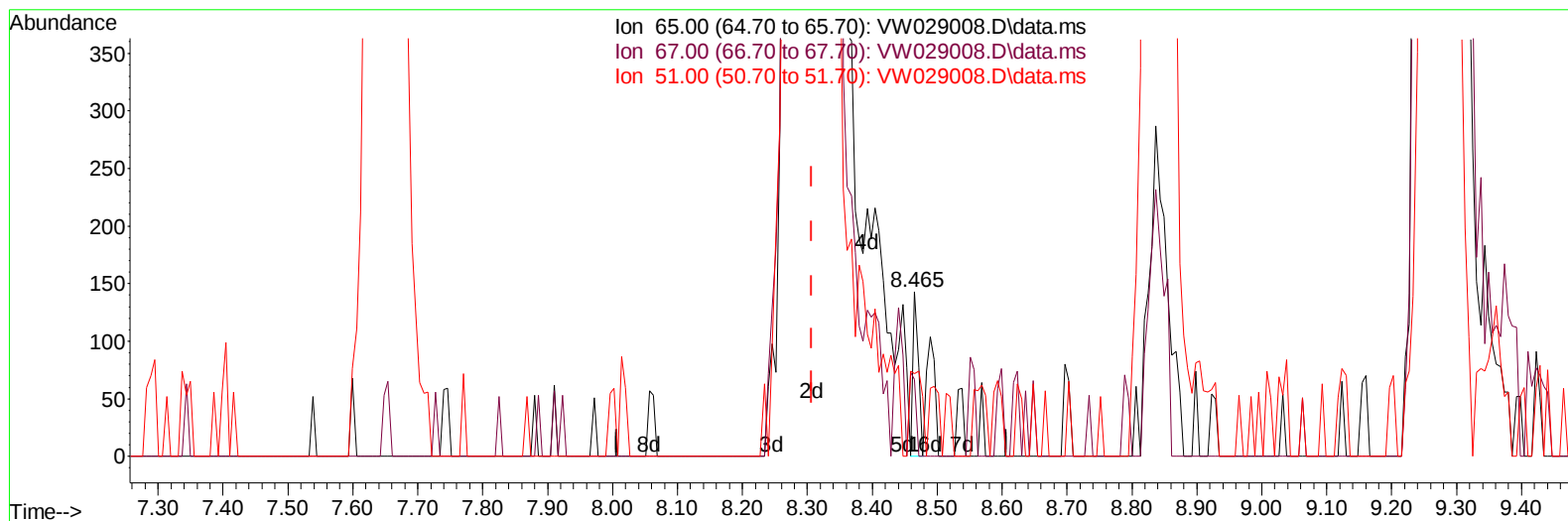
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW060524\  
 Data File : VW029008.D  
 Acq On : 05 Jun 2024 09:34  
 Operator : SY/MD  
 Sample : VW0605SBL01  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK497

Manual IntegrationsAPPROVED

Quant Time: Jun 05 23:50:04 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM060324SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jun 05 23:49:22 2024  
 Response via : Initial Calibration

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



TIC: VW029008.D\data.ms

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

**8.465min (+ 0.159) 0.02 ug/L**

**response 81**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.90  | 62.96  |
| 51.00 | 105.10 | 122.22 |
| 0.00  | 0.00   | 0.00   |

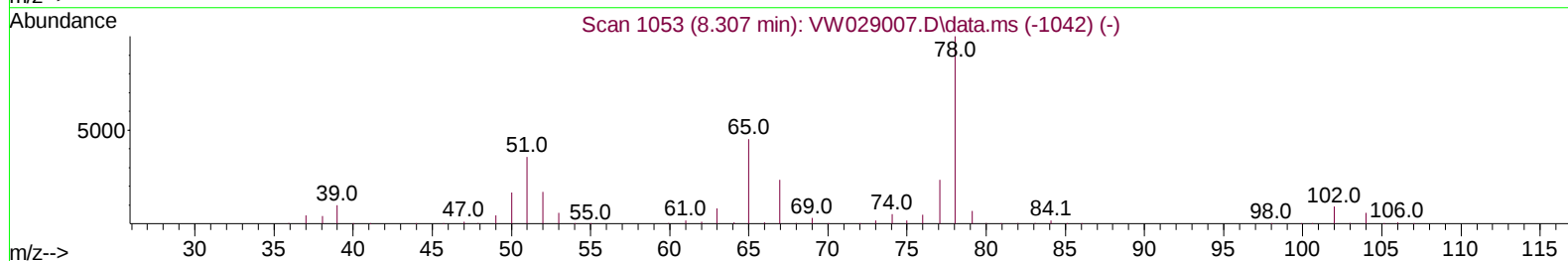
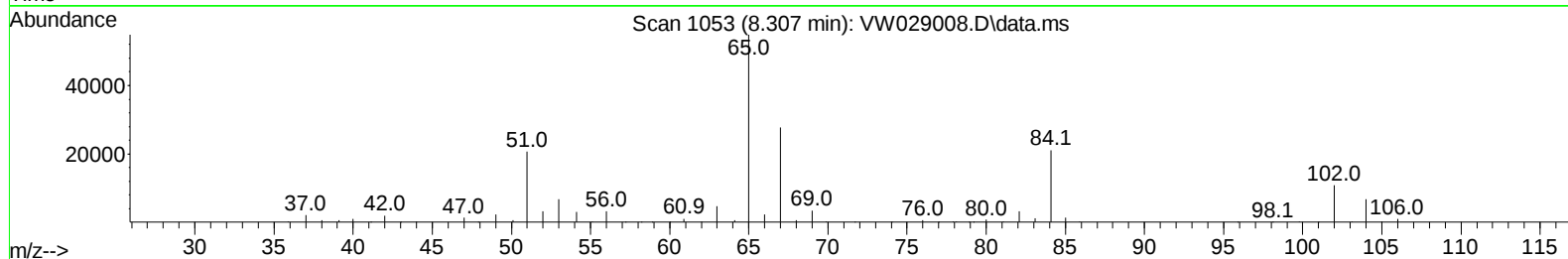
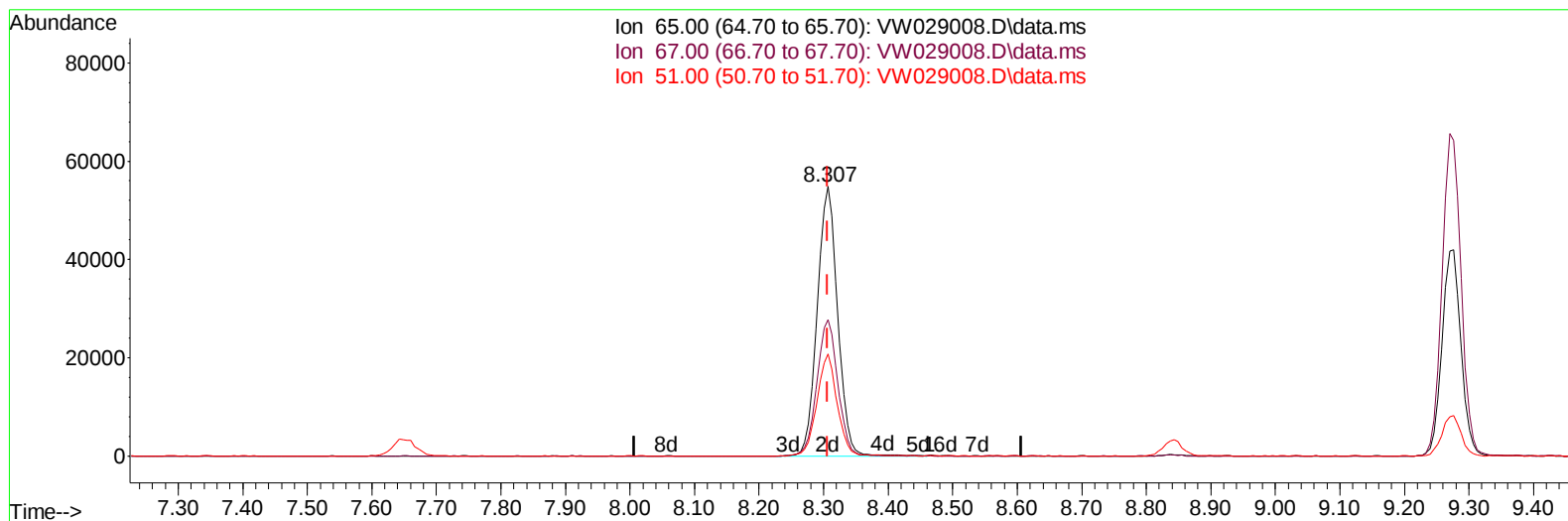
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TIC: VW029008.D\data.ms

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

8.307min ( 0.000) 25.41 ug/L m

response 121060

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.90  | 0.04#  |
| 51.00 | 105.10 | 0.08#  |
| 0.00  | 0.00   | 0.00   |

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| Compound                      | R.T.     | Q     | Ion | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|----------|-------|-----|----------|--------|----------|----------|
| -----                         |          |       |     |          |        |          |          |
| Internal Standards            |          |       |     |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.843    | 114   |     | 317197   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.629   | 117   |     | 298845   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556   | 152   |     | 129384   | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |     |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.369    | 65    |     | 121330   | 24.078 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery | =      | 96.320%  |          |
| 7) Chloroethane-d5            | 2.899    | 69    |     | 93519    | 24.168 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery | =      | 96.680%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.027    | 65    |     | 54182    | 24.464 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 |     | Recovery | =      | 97.840%  |          |
| 21) 2-Butanone-d5             | 7.081    | 46    |     | 52083    | 50.587 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery | =      | 101.180% |          |
| 24) Chloroform-d              | 7.654    | 84    |     | 214467   | 23.700 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 |     | Recovery | =      | 94.800%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.307    | 65    |     | 121060m  | 25.410 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 |     | Recovery | =      | 101.640% |          |
| 32) Benzene-d6                | 8.276    | 84    |     | 438038   | 23.881 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 |     | Recovery | =      | 95.520%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.270    | 67    |     | 134043   | 24.103 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 |     | Recovery | =      | 96.400%  |          |
| 41) Toluene-d8                | 10.319   | 98    |     | 388588   | 23.740 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 |     | Recovery | =      | 94.960%  |          |
| 43) trans-1,3-Dichloroprop... | 10.575   | 79    |     | 50105    | 23.447 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 |     | Recovery | =      | 93.800%  |          |
| 47) 2-Hexanone-d5             | 10.922   | 63    |     | 34765    | 47.370 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery | =      | 94.740%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    |     | 96316    | 24.930 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 |     | Recovery | =      | 99.720%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848   | 152   |     | 117441   | 25.579 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 |     | Recovery | =      | 102.320% |          |

Target Compounds Qvalue

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

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