

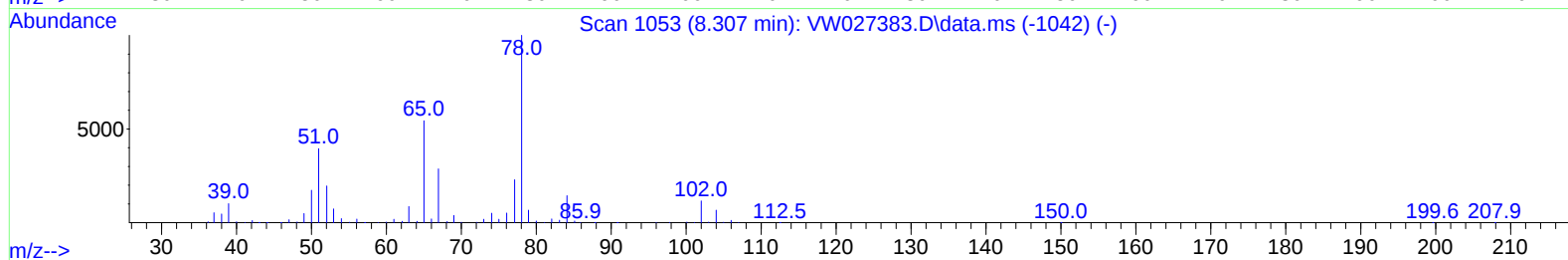
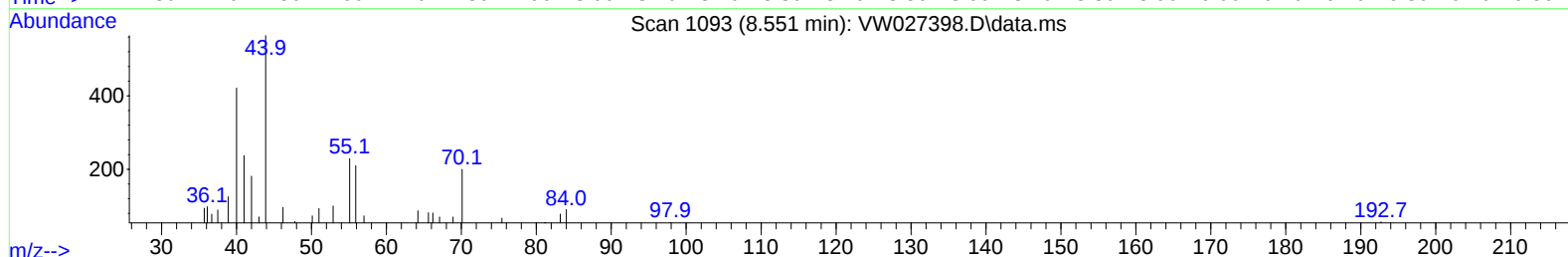
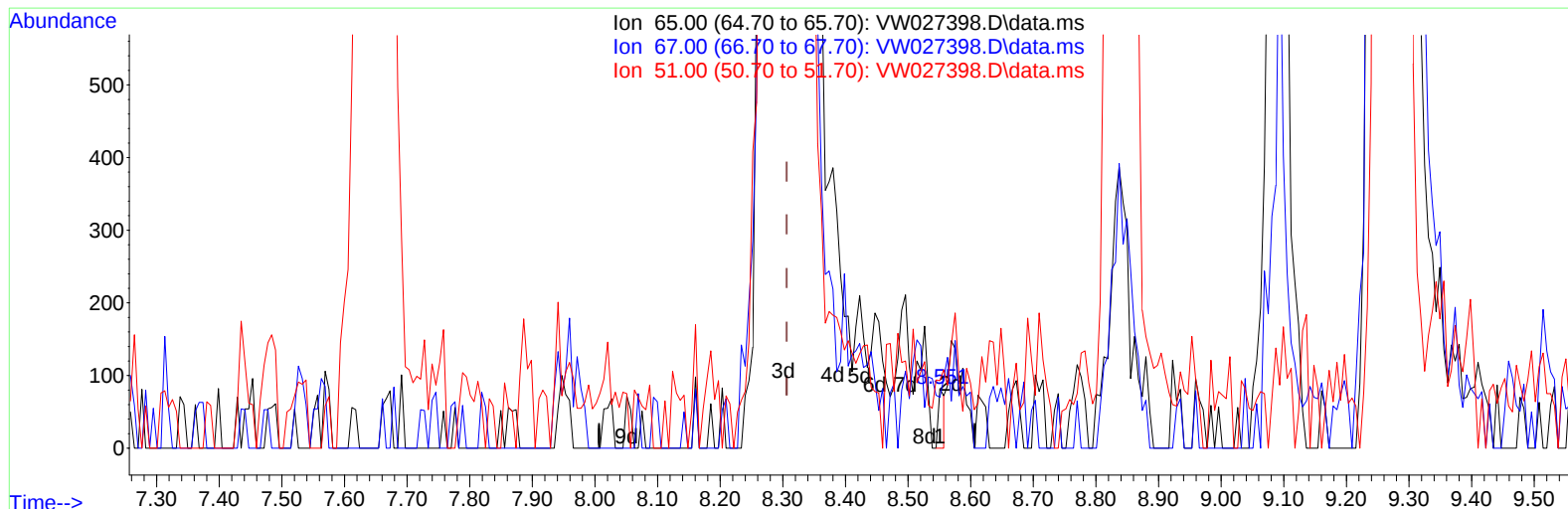
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW102323\  
 Data File : VW027398.D  
 Acq On : 23 Oct 2023 16:26  
 Operator : SY/MD  
 Sample : 04961-06  
 Misc : 5.74g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 E0LJ2

Manual IntegrationsAPPROVED

Quant Time: Oct 24 00:51:05 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM101123SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Oct 21 04:25:20 2023  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 10/24/2023  
 Supervised By :Mahesh Dadoda 10/24/2023



TIC: VW027398.D\data.ms

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

8.551min (+ 0.244) 0.01 ug/L

| response | 56     |        |
|----------|--------|--------|
| Ion      | Exp%   | Act%   |
| 65.00    | 100.00 | 100.00 |
| 67.00    | 53.00  | 58.93  |
| 51.00    | 99.60  | 105.36 |
| 0.00     | 0.00   | 0.00   |

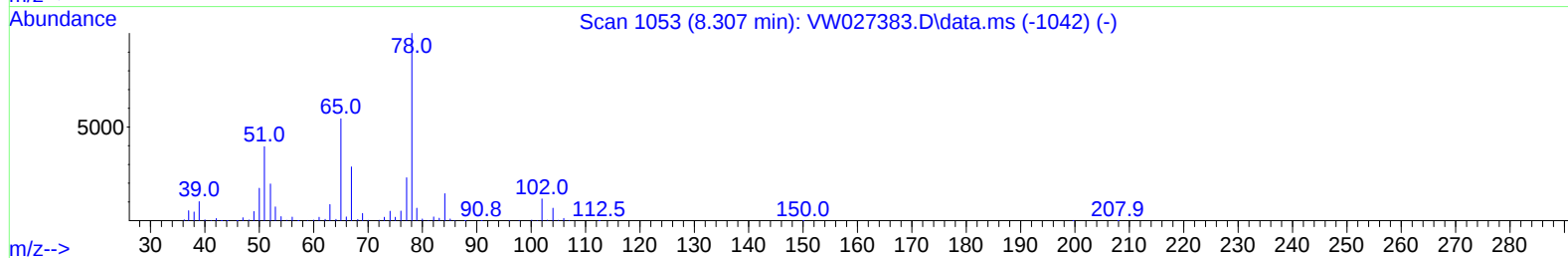
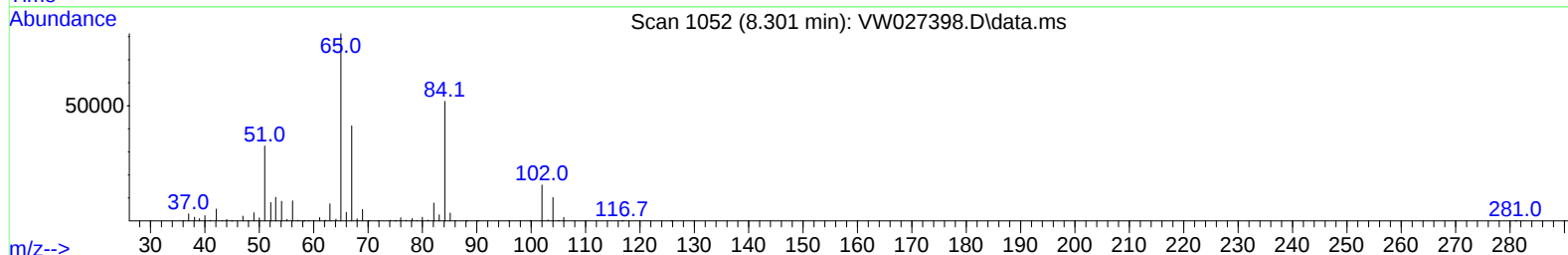
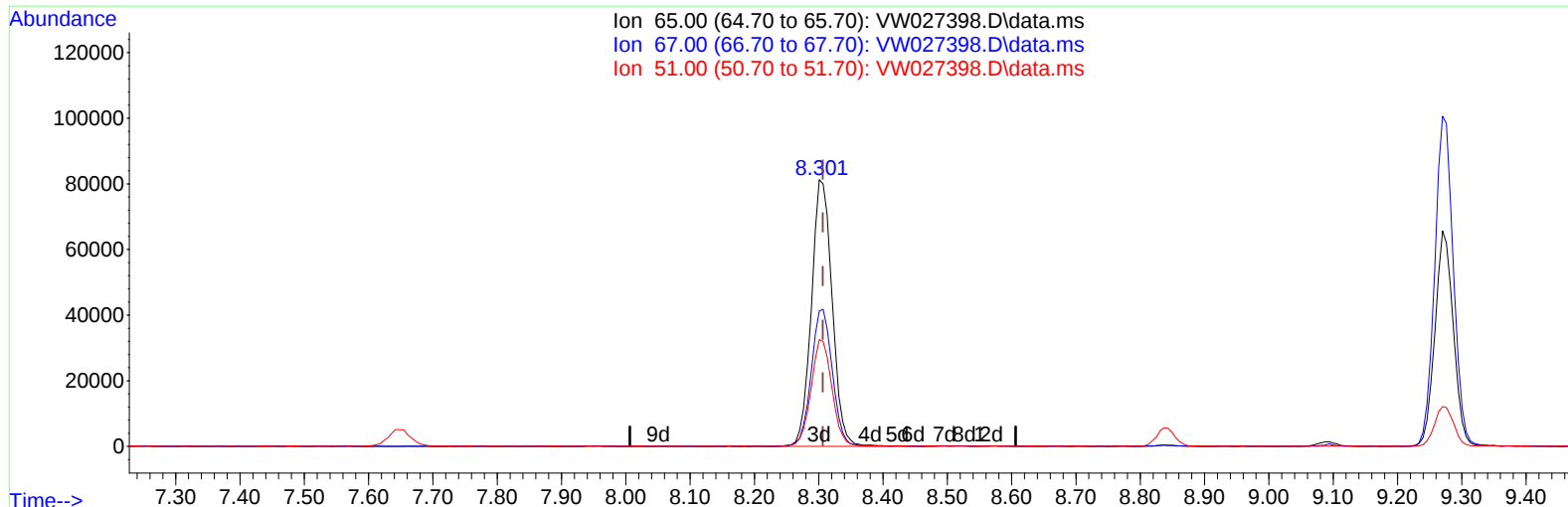
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TIC: VW027398.D\data.ms

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

8.301min (-0.006) 22.30 ug/L m

response 182306

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 53.00  | 0.02#  |
| 51.00 | 99.60  | 0.03#  |
| 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        | 8.837          | 114  | 510503     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 332449     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 81899      | 25.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 2.369          | 65   | 133858     | 17.181   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 68.720%  |       |          |
| 7) Chloroethane-d5            | 2.899          | 69   | 109642     | 19.599   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 78.400%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.021          | 65   | 67350      | 17.252   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 69.000%  |       |          |
| 21) 2-Butanone-d5             | 7.081          | 46   | 121316     | 46.848   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 93.700%  |       |          |
| 24) Chloroform-d              | 7.648          | 84   | 316896     | 20.827   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 83.320%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.301          | 65   | 182306m    | 22.305   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 89.200%  |       |          |
| 32) Benzene-d6                | 8.276          | 84   | 617483     | 27.453   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 109.800% |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.270          | 67   | 203298     | 29.592   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 118.360% |       |          |
| 41) Toluene-d8                | 10.319         | 98   | 429544     | 21.060   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 84.240%  |       |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 71923      | 22.961   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 91.840%  |       |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 85604      | 60.226   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 120.460% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 137014     | 26.731   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 106.920% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.849         | 152  | 53615      | 18.065   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 72.280%# |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       |          |
| 34) Trichloroethene           | 9.093          | 95   | 148928     | 25.950   | ug/L  | 93       |
| 46) Tetrachloroethene         | 10.861         | 164  | 3308343    | 834.843  | ug/L  | 96       |
| -----                         |                |      |            |          |       |          |

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

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