

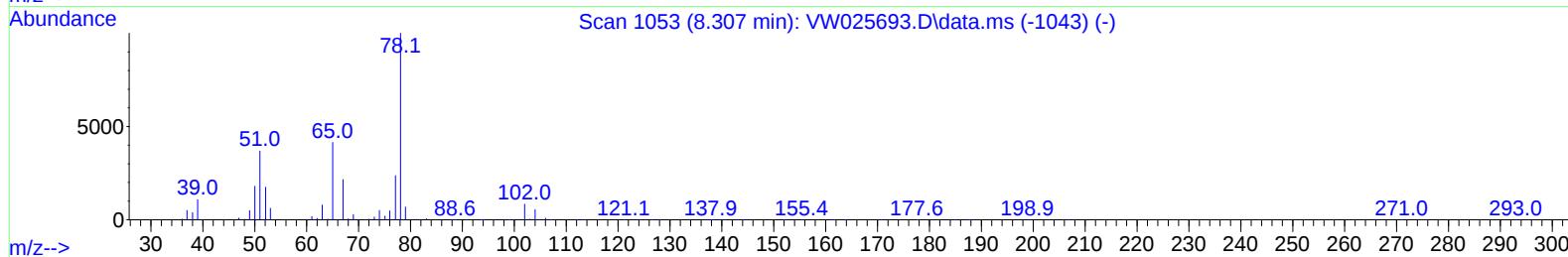
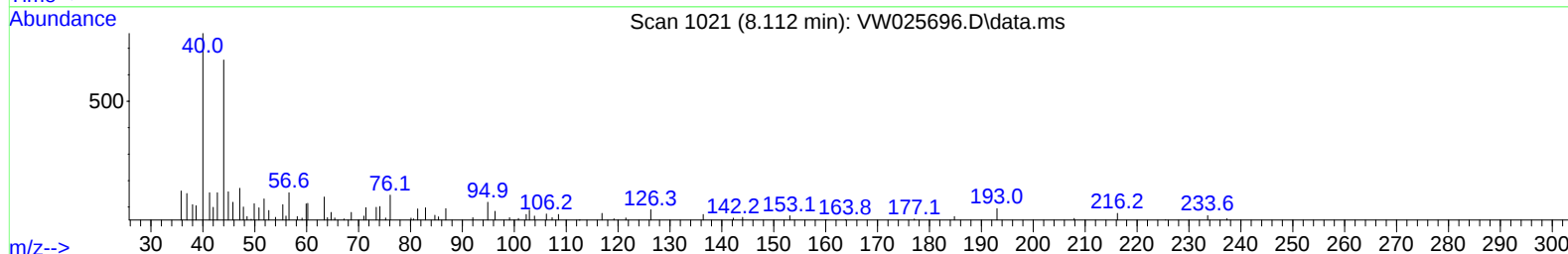
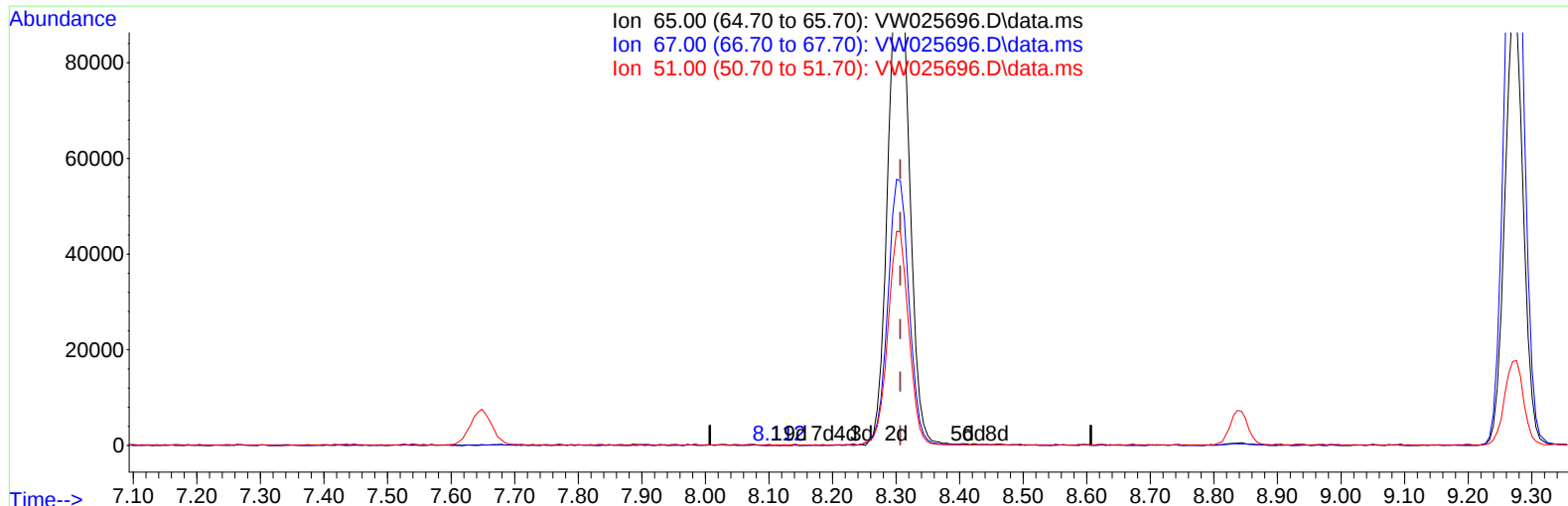
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042623\  
 Data File : VW025696.D  
 Acq On : 26 Apr 2023 12:01  
 Operator : SY/MD  
 Sample : 02418-18  
 Misc : 5.01g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK001

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 04/27/2023  
 Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: Apr 27 01:25:13 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040323SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Apr 26 01:13:04 2023  
 Response via : Initial Calibration



TIC: VW025696.D\data.ms

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

8.112min (-0.195) 0.02 ug/L

response 181

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 53.50  | 41.44  |
| 51.00 | 124.00 | 89.50  |
| 0.00  | 0.00   | 0.00   |

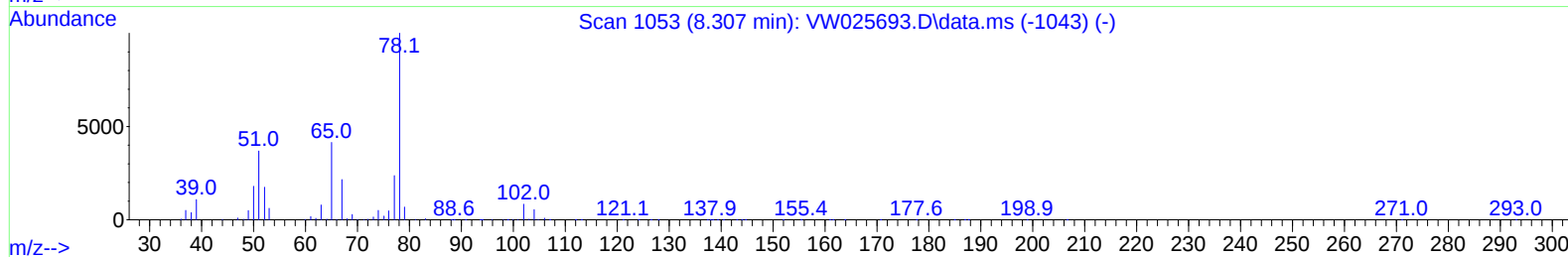
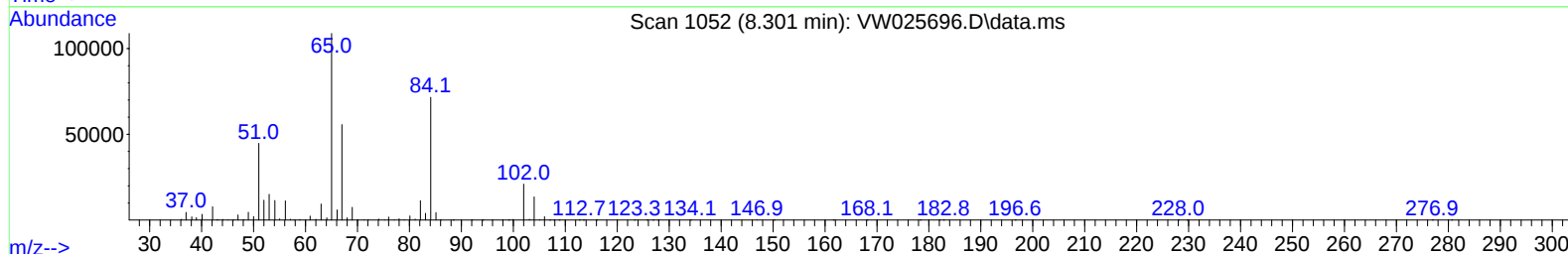
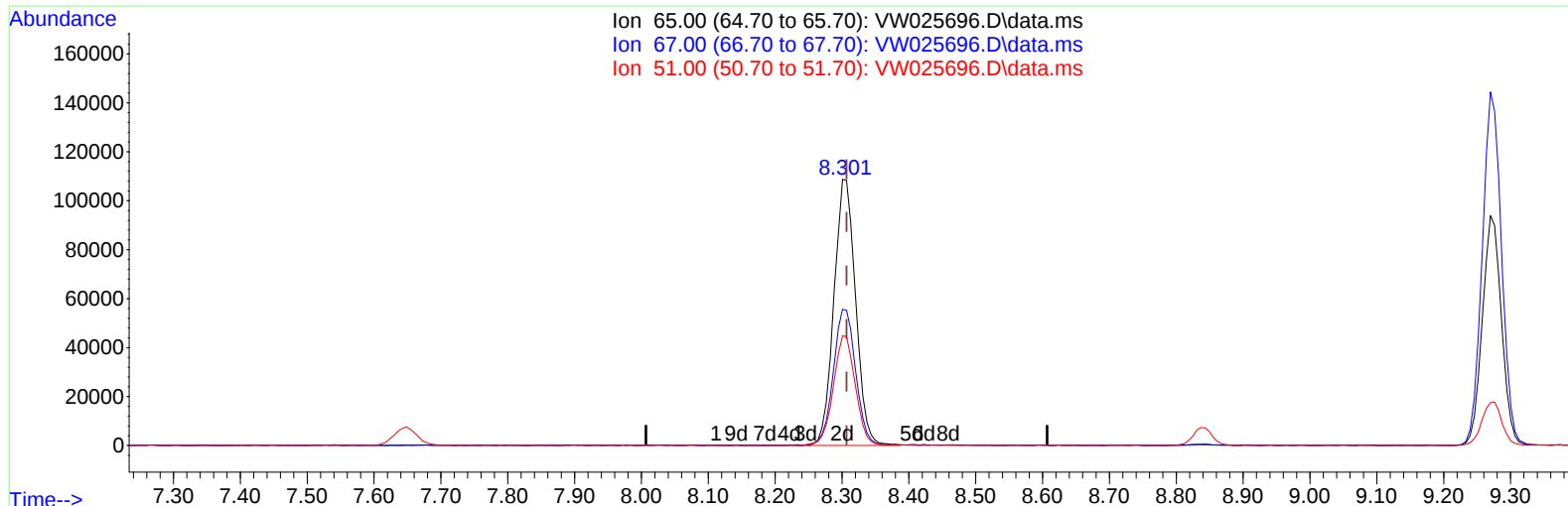
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QLast Update : Wed Apr 26 01:13:04 2023  
Response via : Initial Calibration



TIC: VW025696.D\data.ms

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

8.301min (-0.006) 26.22 ug/L m

response 245196

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 53.50  | 0.03#  |
| 51.00 | 124.00 | 0.07#  |
| 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  | 640155              | 25.000 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 571440              | 25.000 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 259409              | 25.000 | ug/L  | 0.00     |
|                               |                |      |                     |        |       |          |
| System Monitoring Compounds   |                |      |                     |        |       |          |
| 4) Vinyl Chloride-d3          | 2.363          | 65   | 264900              | 25.429 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 101.720% |        |       |          |
| 7) Chloroethane-d5            | 2.899          | 69   | 179714              | 24.231 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 96.920%  |        |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.021          | 63   | 389072              | 18.469 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = 73.880%  |        |       |          |
| 21) 2-Butanone-d5             | 7.075          | 46   | 116042              | 49.934 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 99.860%  |        |       |          |
| 24) Chloroform-d              | 7.648          | 84   | 438508              | 24.397 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = 97.600%  |        |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.301          | 65   | 245196m             | 26.222 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = 104.880% |        |       |          |
| 32) Benzene-d6                | 8.270          | 84   | 926377              | 25.036 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = 100.160% |        |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.270          | 67   | 291121              | 25.233 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = 100.920% |        |       |          |
| 41) Toluene-d8                | 10.325         | 98   | 812950              | 25.152 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = 100.600% |        |       |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 107100              | 24.760 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = 99.040%  |        |       |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 73352               | 46.515 | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 93.020%  |        |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 190674              | 24.486 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = 97.960%  |        |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848         | 152  | 237408              | 26.639 | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = 106.560% |        |       |          |
|                               |                |      |                     |        |       |          |
| Target Compounds              |                |      |                     |        |       | Qvalue   |
| 16) Methylene chloride        | 4.917          | 84   | 40306               | 3.961  | ug/L  | 90       |
| -----                         |                |      |                     |        |       |          |

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

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