

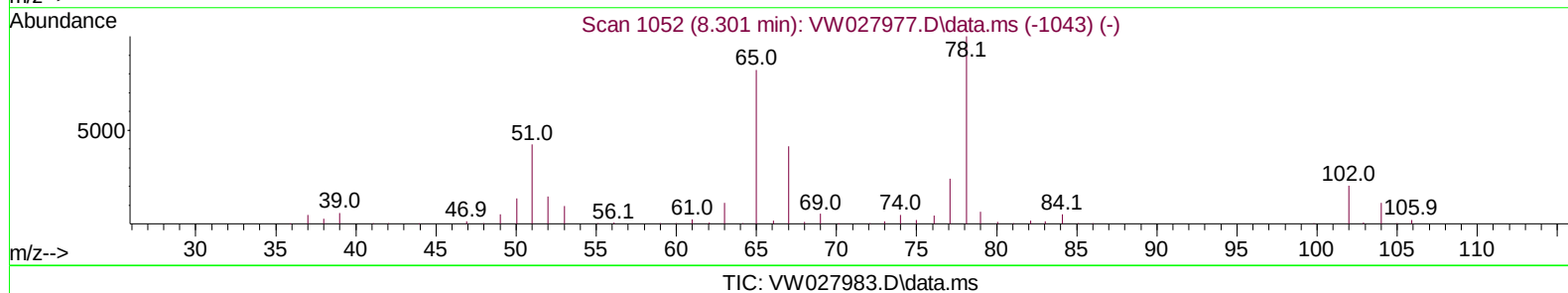
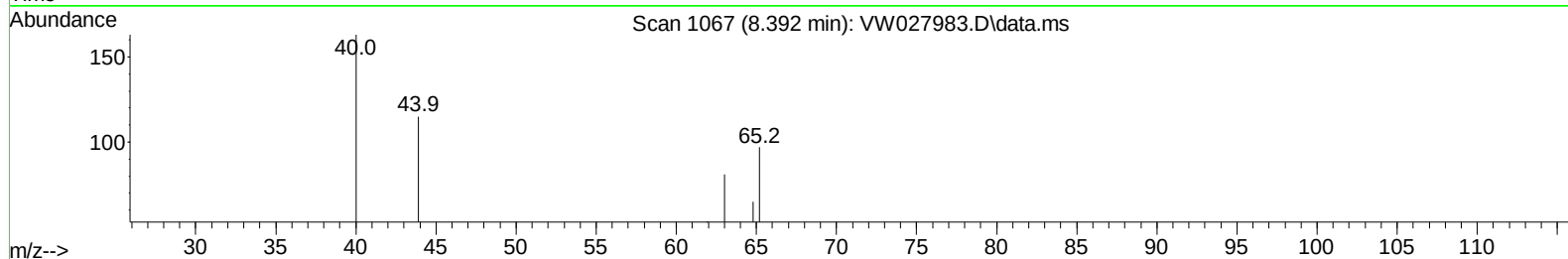
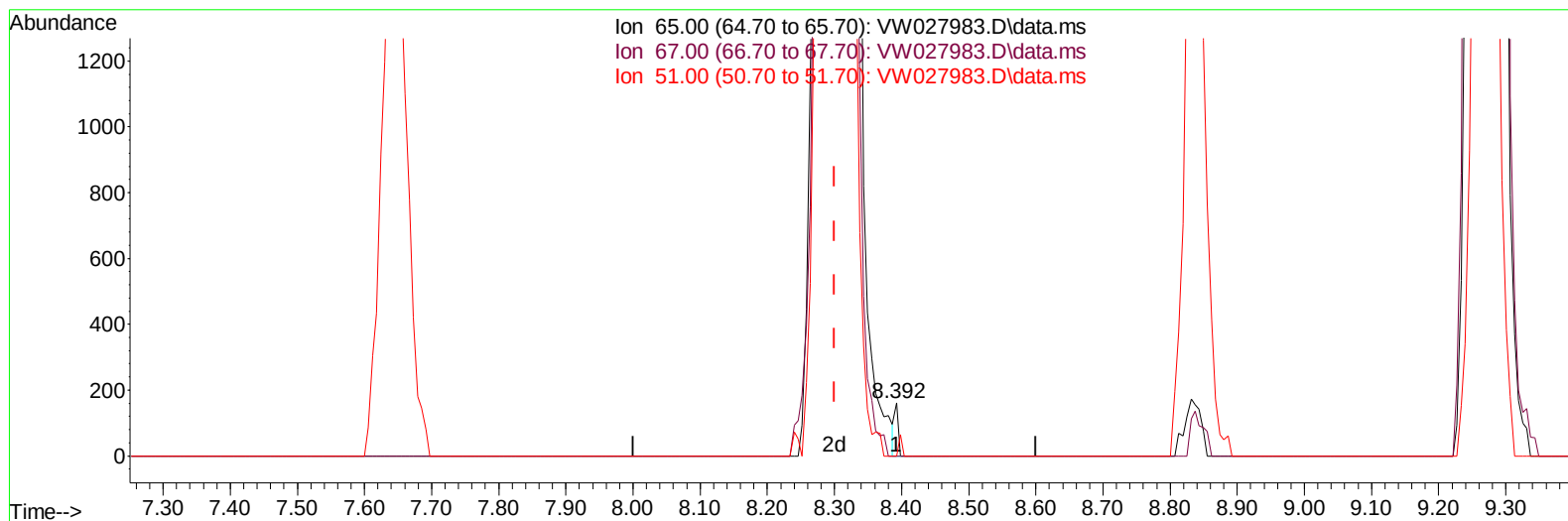
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW020924\  
Data File : VW027983.D  
Acq On : 09 Feb 2024 15:39  
Operator : SY/MD  
Sample : VIBLK593  
Misc : 5.00g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VIBLK593

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 02/12/2024  
Supervised By :Mahesh Dadoda 02/12/2024

Quant Time: Feb 09 22:32:02 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM020524SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Feb 09 22:30:02 2024  
Response via : Initial Calibration



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

8.392min (+ 0.091) 0.02 ug/L

response 59

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 54.20  | 38.98  |
| 51.00 | 88.70  | 86.44  |
| 0.00  | 0.00   | 0.00   |

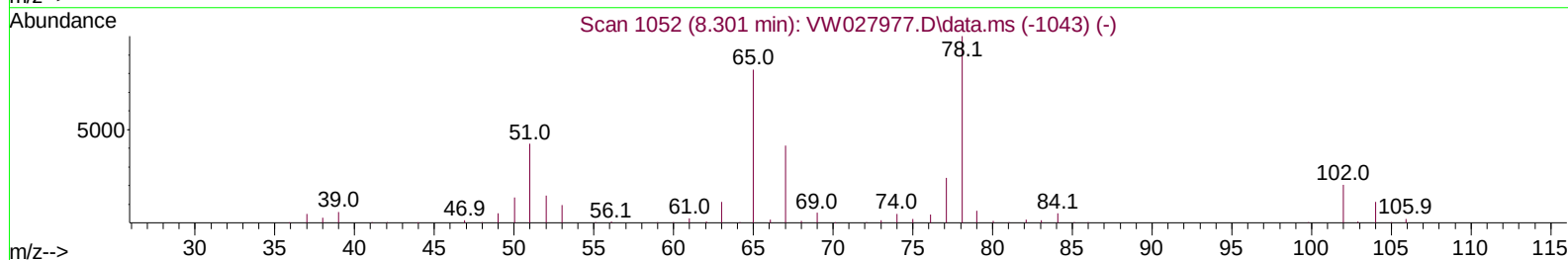
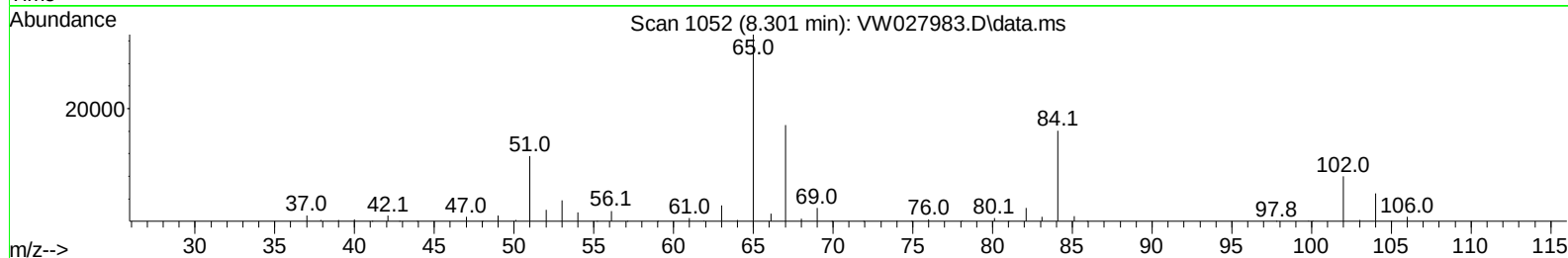
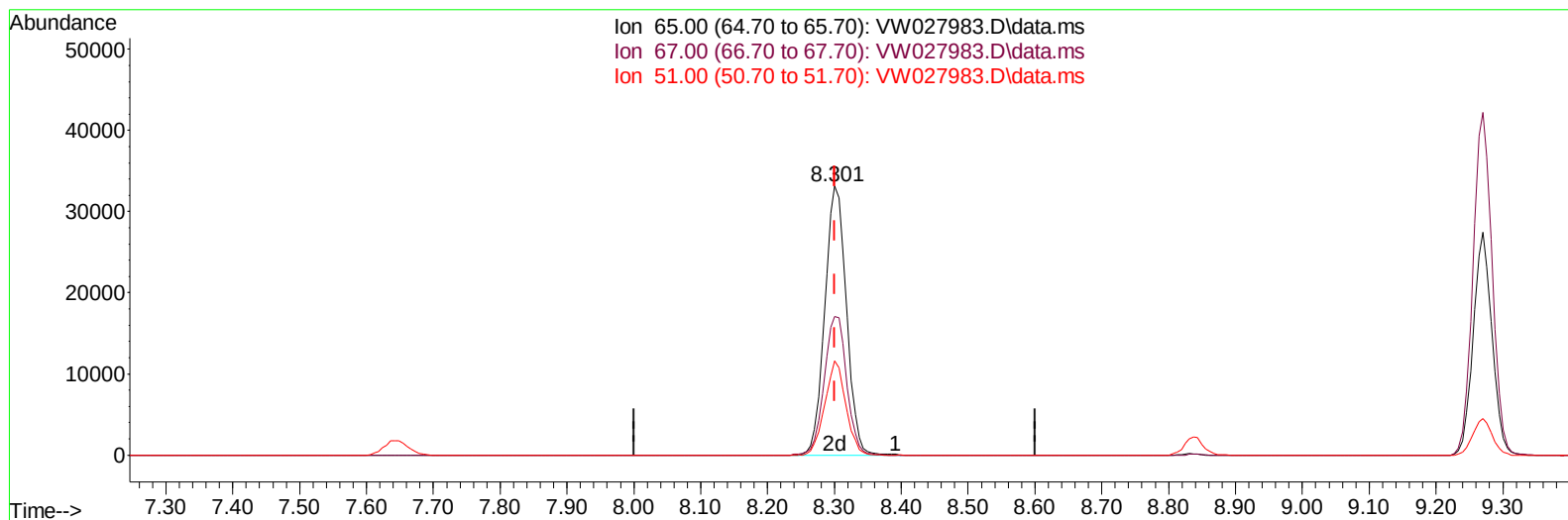
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TIC: VW027983.D\data.ms

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

8.301min (+ 0.000) 23.79 ug/L m

response 74555

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 54.20  | 0.03#  |
| 51.00 | 88.70  | 0.07#  |
| 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        | 8.837    | 114   |     | 296816     | 25.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 11.629   | 117   |     | 277020     | 25.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.550   | 152   |     | 137676     | 25.000   | ug/L  | 0.00      |
| System Monitoring Compounds   |          |       |     |            |          |       |           |
| 4) Vinyl Chloride-d3          | 2.363    | 65    |     | 64721      | 18.617   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 74.480%  |       |           |
| 7) Chloroethane-d5            | 2.893    | 69    |     | 55387      | 21.006   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 84.040%  |       |           |
| 11) 1,1-Dichloroethene-d2     | 4.015    | 65    |     | 27569      | 18.534   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 45 | - 110 |     | Recovery = | 74.120%  |       |           |
| 21) 2-Butanone-d5             | 7.075    | 46    |     | 33709      | 62.406   | ug/L  | -0.01     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 124.820% |       |           |
| 24) Chloroform-d              | 7.648    | 84    |     | 144479     | 20.818   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 40 | - 150 |     | Recovery = | 83.280%  |       |           |
| 26) 1,2-Dichloroethane-d4     | 8.301    | 65    |     | 74555m     | 23.785   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 70 | - 130 |     | Recovery = | 95.160%  |       |           |
| 32) Benzene-d6                | 8.270    | 84    |     | 301686     | 20.355   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 20 | - 135 |     | Recovery = | 81.400%  |       |           |
| 36) 1,2-Dichloropropane-d6    | 9.270    | 67    |     | 84096      | 20.927   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 70 | - 120 |     | Recovery = | 83.720%  |       |           |
| 41) Toluene-d8                | 10.319   | 98    |     | 288768     | 20.363   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 30 | - 130 |     | Recovery = | 81.440%  |       |           |
| 43) trans-1,3-Dichloroprop... | 10.575   | 79    |     | 36574      | 22.131   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 30 | - 135 |     | Recovery = | 88.520%  |       |           |
| 47) 2-Hexanone-d5             | 10.922   | 63    |     | 34332      | 62.809   | ug/L  | 0.00      |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 125.620% |       |           |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    |     | 81456      | 27.120   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 45 | - 120 |     | Recovery = | 108.480% |       |           |
| 66) 1,2-Dichlorobenzene-d4    | 13.849   | 152   |     | 108544     | 23.196   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 75 | - 120 |     | Recovery = | 92.800%  |       |           |
| Target Compounds              |          |       |     |            |          |       |           |
| 16) Methylene chloride        | 4.911    | 84    |     | 10202      | 2.750    | ug/L  | Qvalue 93 |
| -----                         |          |       |     |            |          |       |           |

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

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