

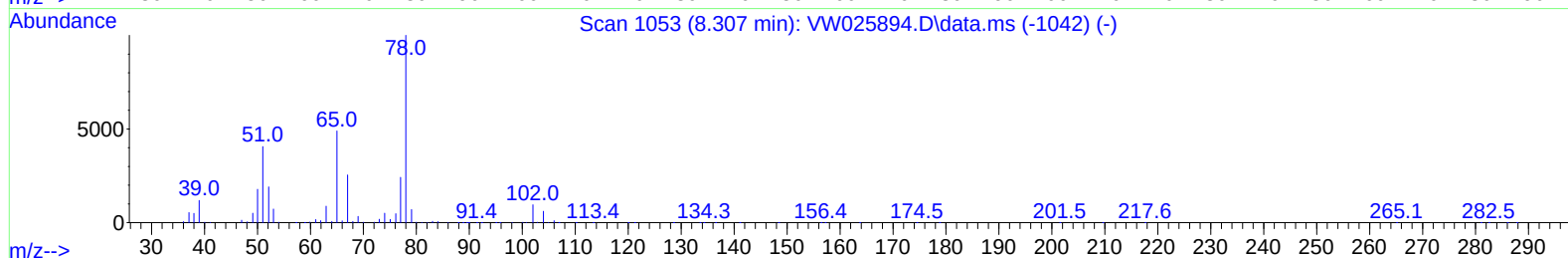
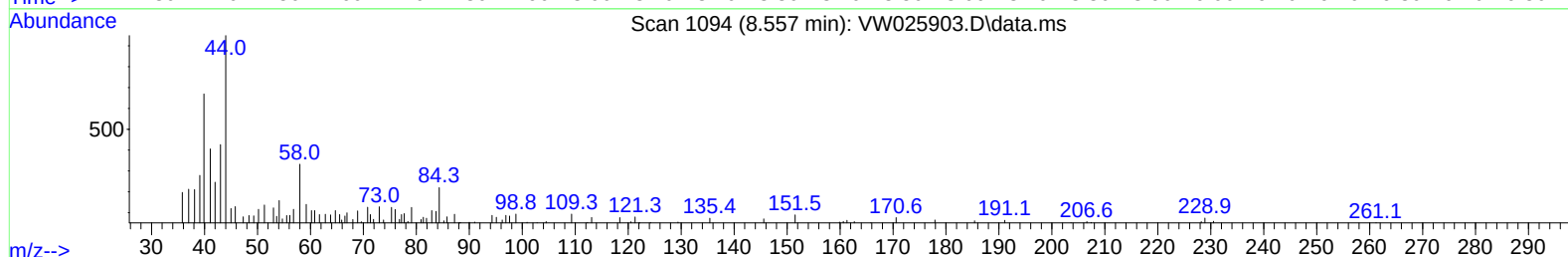
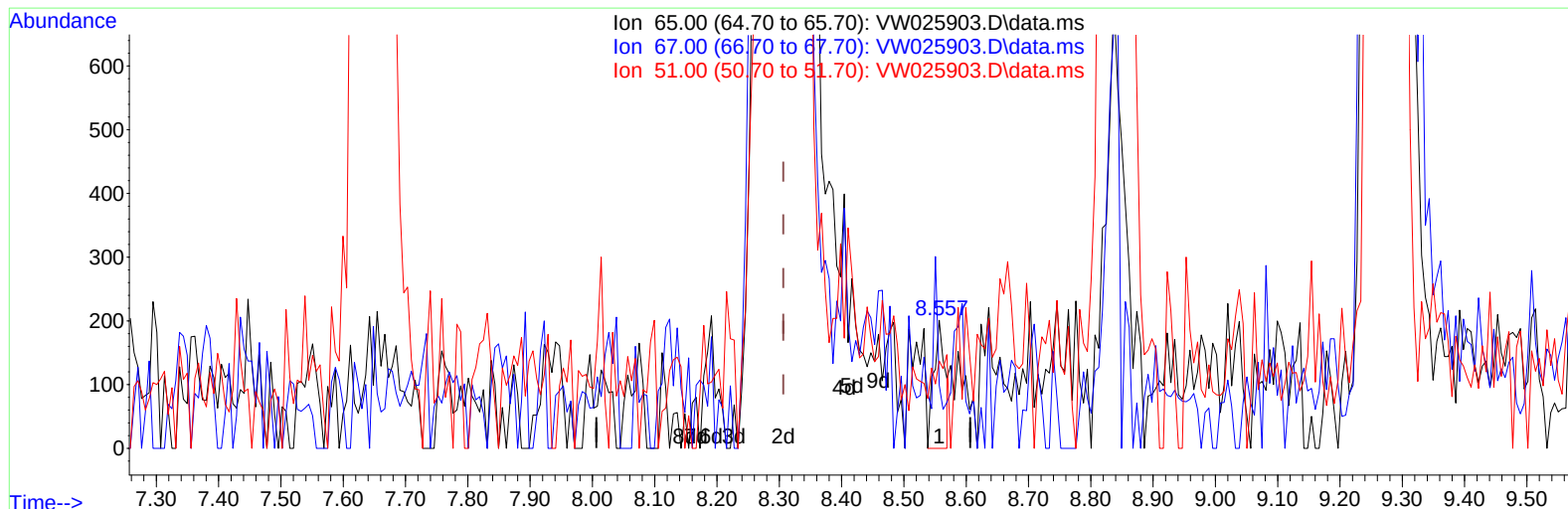
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW050923\  
Data File : VW025903.D  
Acq On : 09 May 2023 13:16  
Operator : SY/MD  
Sample : 02612-25  
Misc : 3.75g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
JREG6

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2023  
Supervised By :Mahesh Dadoda 05/10/2023

Quant Time: May 09 23:20:10 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: VW025903.D\data.ms

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

8.557min (+ 0.250) 0.02 ug/L

| response | 251    |        |
|----------|--------|--------|
| Ion      | Exp%   | Act%   |
| 65.00    | 100.00 | 100.00 |
| 67.00    | 52.90  | 41.04  |
| 51.00    | 112.30 | 92.83  |
| 0.00     | 0.00   | 0.00   |

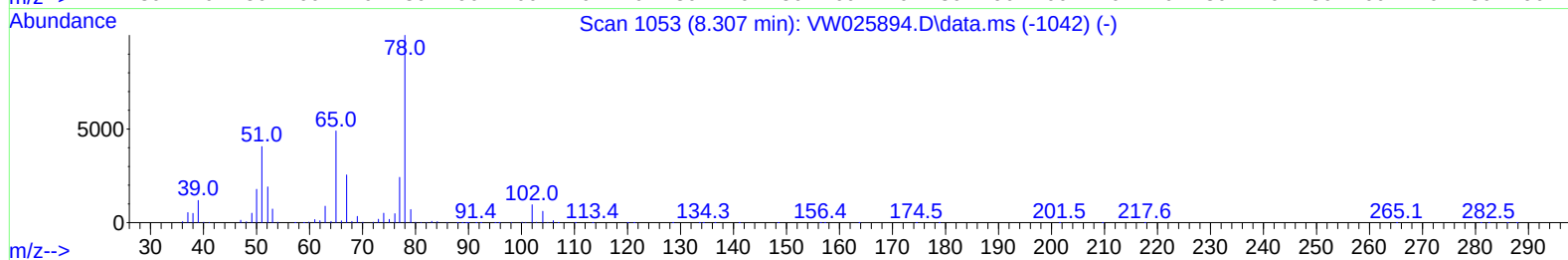
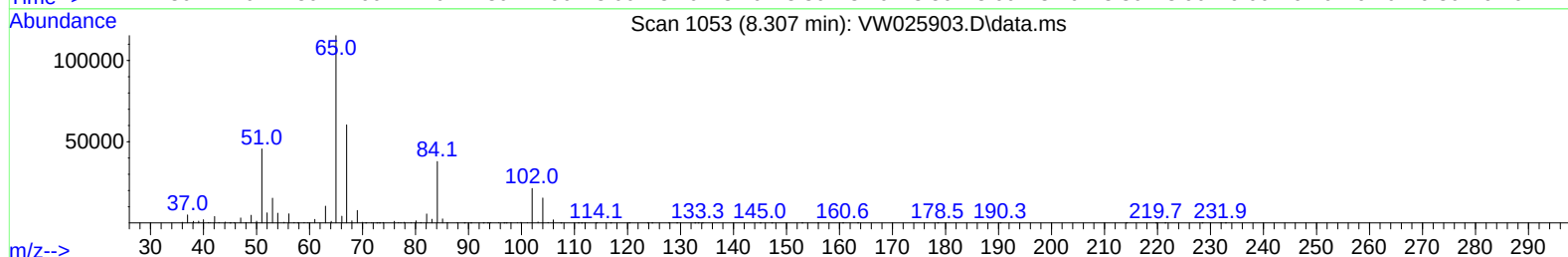
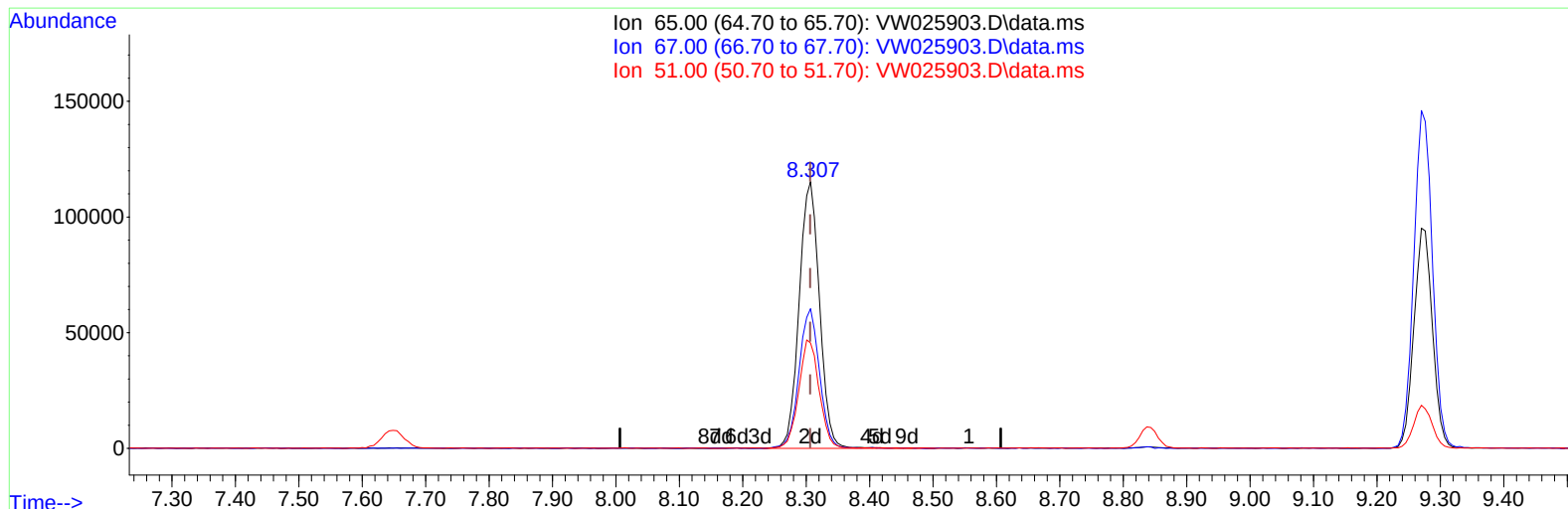
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 Quant Title : SFAM01.0  
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 Response via : Initial Calibration



TIC: VW025903.D\data.ms

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

8.307min (+ 0.000) 20.01 ug/L m

response 258178

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.90  | 0.04#  |
| 51.00 | 112.30 | 0.09#  |
| 0.00  | 0.00   | 0.00   |

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Manual IntegrationsAPPROVED

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| Compound                      | R.T.   | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|---------|----------|
| -----                         |        |                |          |        |         |          |
| Internal Standards            |        |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114            | 791240   | 25.000 | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117            | 586006   | 25.000 | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152            | 161857   | 25.000 | ug/L    | 0.00     |
| System Monitoring Compounds   |        |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65             | 218235   | 19.464 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 77.840% |          |
| 7) Chloroethane-d5            | 2.899  | 69             | 192046   | 23.103 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 92.400% |          |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65             | 110869   | 19.747 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 110 | Recovery | =      | 79.000% |          |
| 21) 2-Butanone-d5             | 7.075  | 46             | 124961   | 33.712 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 67.420% |          |
| 24) Chloroform-d              | 7.648  | 84             | 448111   | 19.641 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 40 - 150 | Recovery | =      | 78.560% |          |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65             | 258178m  | 20.011 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 130 | Recovery | =      | 80.040% |          |
| 32) Benzene-d6                | 8.276  | 84             | 928112   | 24.238 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 20 - 135 | Recovery | =      | 96.960% |          |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67             | 298808   | 24.390 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 120 | Recovery | =      | 97.560% |          |
| 41) Toluene-d8                | 10.319 | 98             | 740260   | 21.680 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 130 | Recovery | =      | 86.720% |          |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79             | 87040    | 17.527 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 135 | Recovery | =      | 70.120% |          |
| 47) 2-Hexanone-d5             | 10.922 | 63             | 78705    | 37.674 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 75.340% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84             | 169786   | 18.183 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 120 | Recovery | =      | 72.720% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152            | 117701   | 19.948 | ug/L    | 0.00     |
| Spiked Amount                 | 25.000 | Range 75 - 120 | Recovery | =      | 79.800% |          |
| Target Compounds              |        |                |          |        |         |          |
|                               |        |                |          |        | Qvalue  |          |
| 13) Acetone                   | 4.119  | 43             | 37103    | 11.289 | ug/L    | 97       |
| 16) Methylene chloride        | 4.923  | 84             | 29293    | 1.795  | ug/L    | 90       |
| 22) 2-Butanone                | 7.173  | 43             | 19248    | 4.241  | ug/L    | 87       |
| -----                         |        |                |          |        |         |          |

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

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