

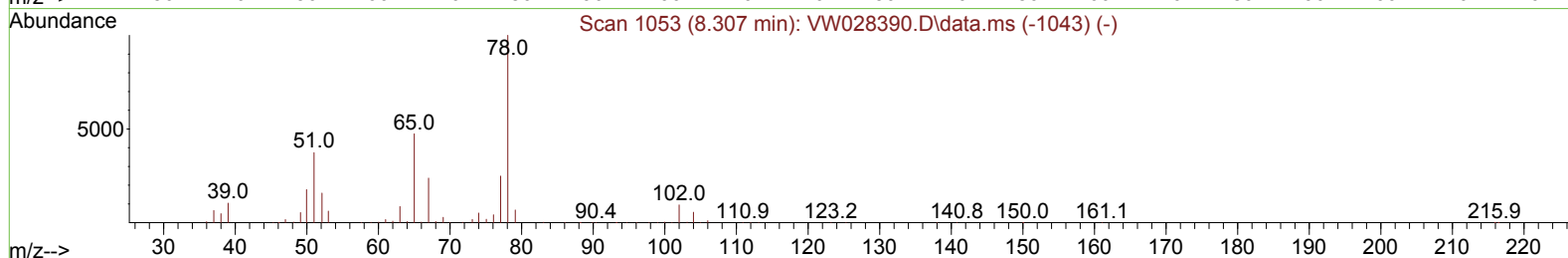
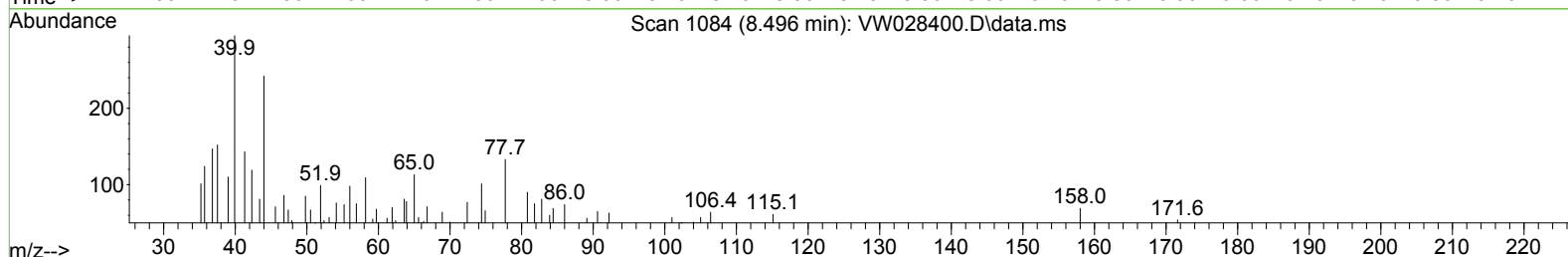
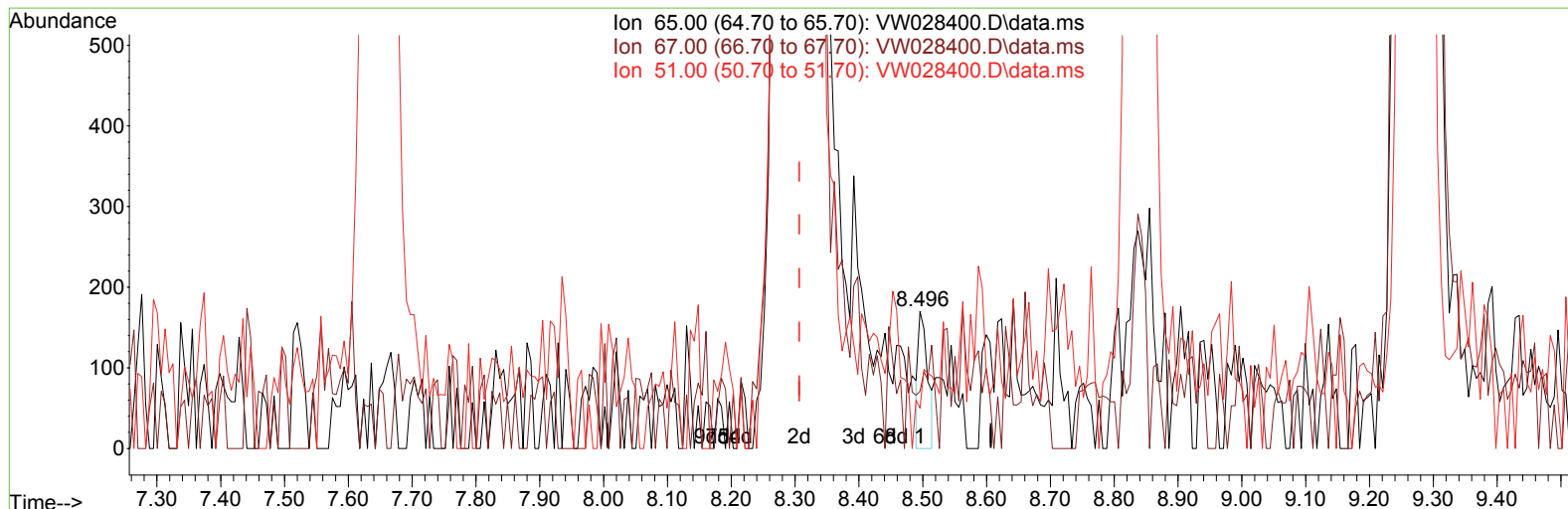
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW041124\  
Data File : VW028400.D  
Acq On : 11 Apr 2024 13:49  
Operator : SY/MD  
Sample : VIBLK425  
Misc : 5.00g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VIBLK425

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 04/12/2024  
Supervised By :Mahesh Dadoda 04/13/2024

Quant Time: Apr 12 00:58:07 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040824SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Apr 12 00:55:02 2024  
Response via : Initial Calibration



TIC: VW028400.D\data.ms

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

8.496min (+ 0.189) 0.04 ug/L

response 173

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.10  | 55.49  |
| 51.00 | 108.40 | 114.45 |
| 0.00  | 0.00   | 0.00   |

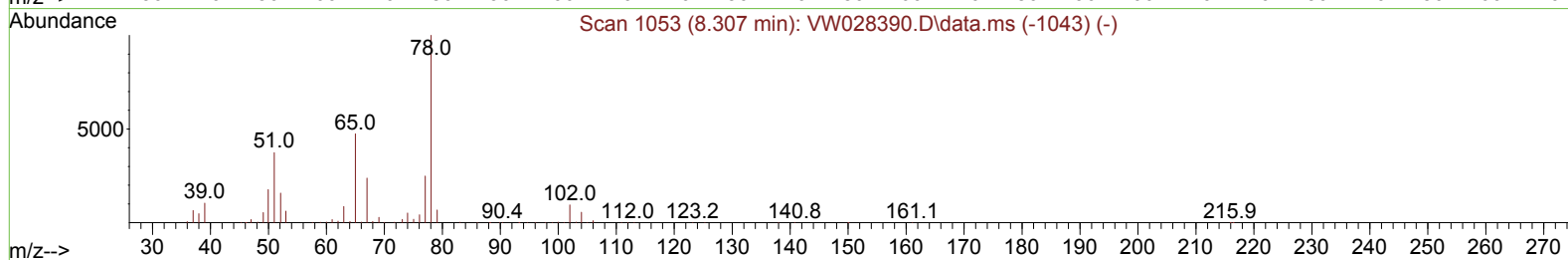
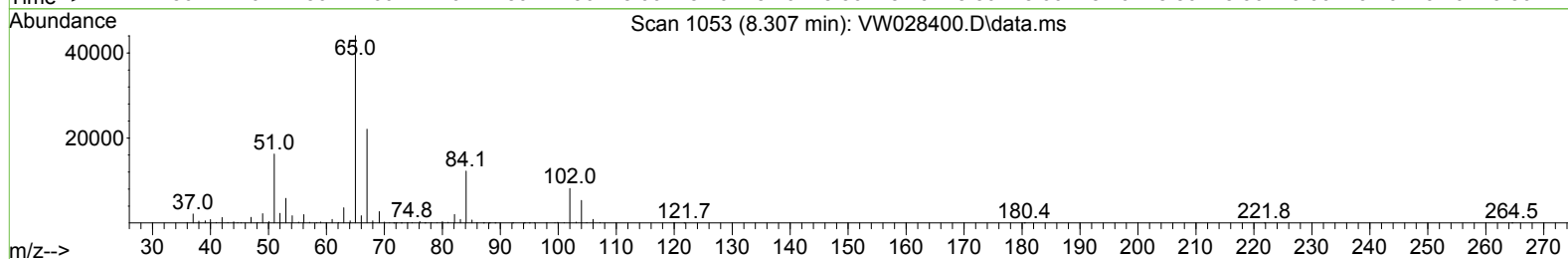
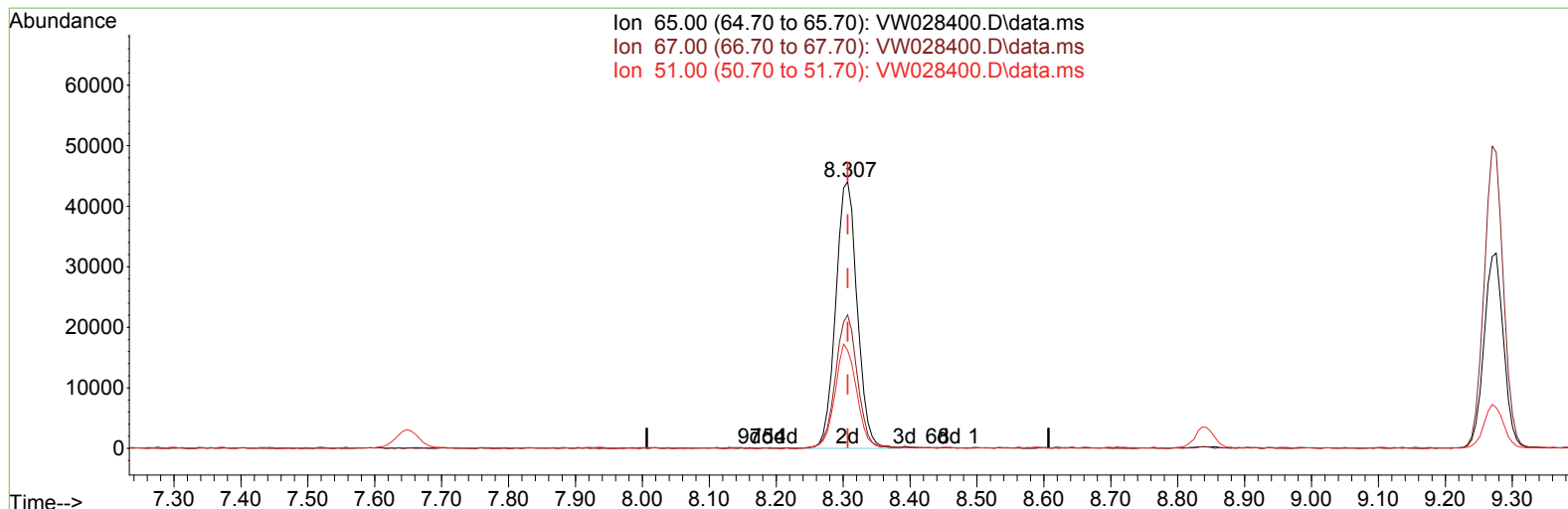
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TIC: VW028400.D\data.ms

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

8.307min (-0.000) 25.39 ug/L m

response 98475

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.10  | 0.10#  |
| 51.00 | 108.40 | 0.20#  |
| 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   | 285958   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 273148   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 128560   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 91033    | 19.857   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 79.440%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 73087    | 21.035   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 84.120%  |
| 11) 1,1-Dichloroethene-d2     | 4.027  | 65    | 36658    | 18.883   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 75.520%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 51750    | 60.325   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 120.640% |
| 24) Chloroform-d              | 7.648  | 84    | 162263   | 21.746   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 87.000%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 98475m   | 25.395   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 101.560% |
| 32) Benzene-d6                | 8.276  | 84    | 322232   | 21.595   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 86.360%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 99952    | 22.535   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 90.120%  |
| 41) Toluene-d8                | 10.319 | 98    | 290753   | 21.428   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 85.720%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 38859    | 22.033   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 88.120%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 35160    | 57.227   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 114.460% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 83599    | 26.714   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 106.840% |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 97844    | 24.066   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 96.280%  |

Target Compounds Qvalue

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

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