

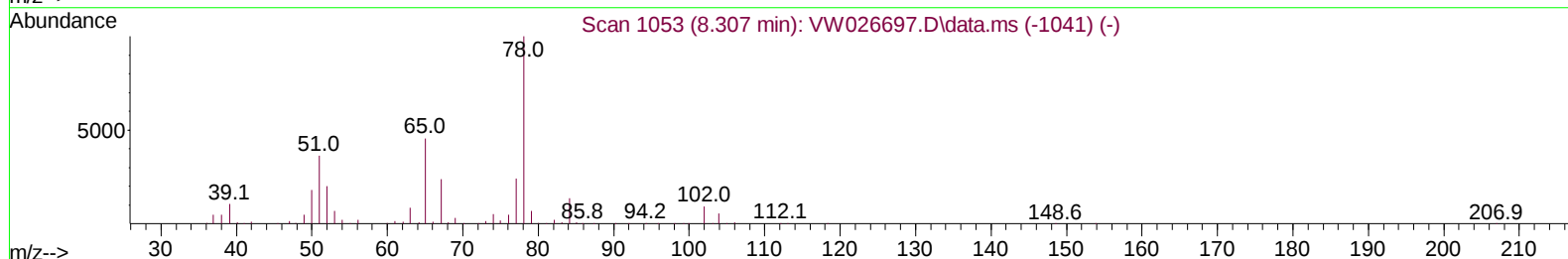
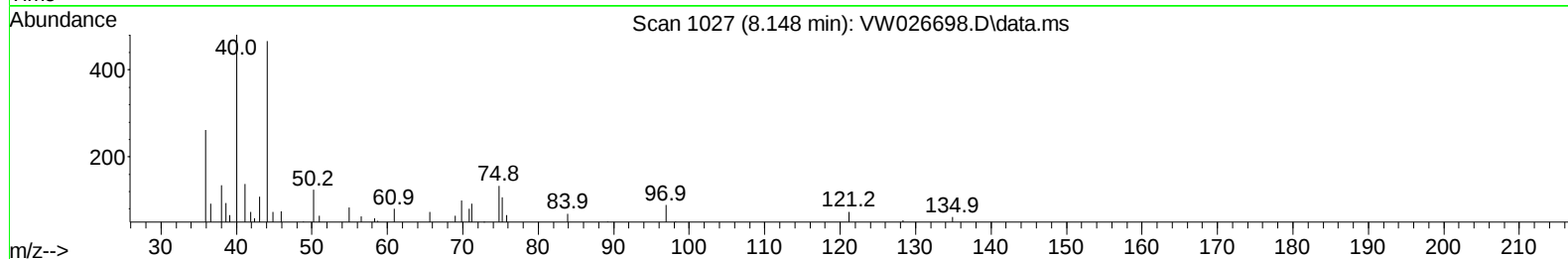
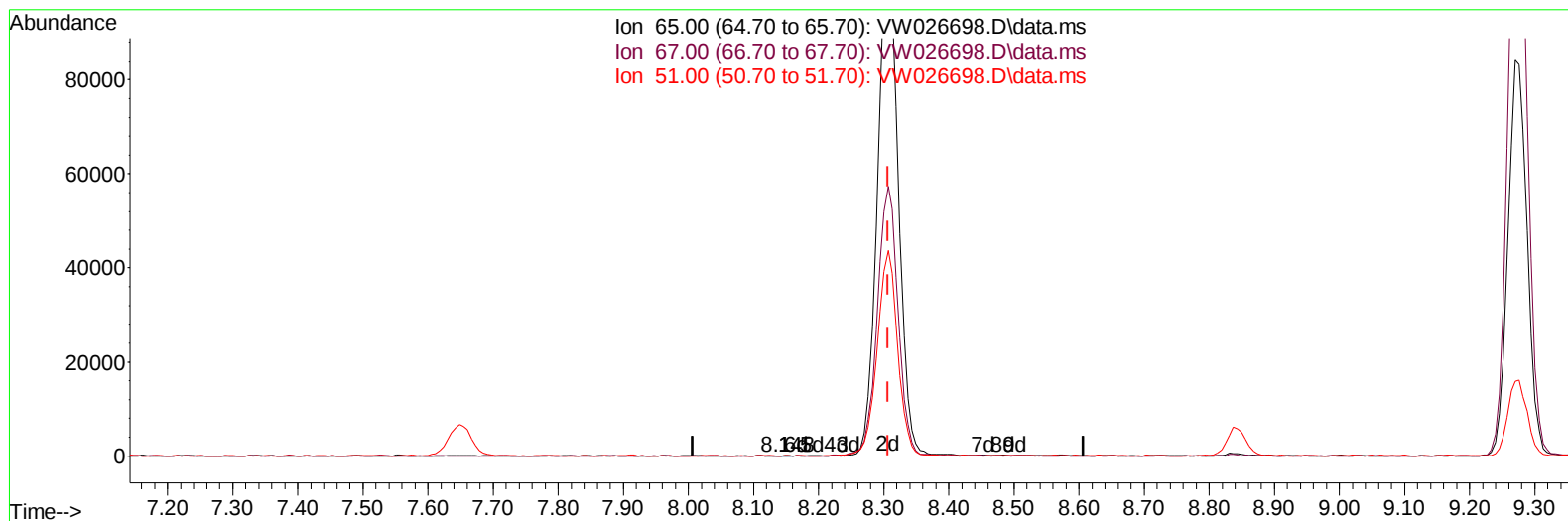
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW081123\  
 Data File : VW026698.D  
 Acq On : 11 Aug 2023 09:47  
 Operator : SY/MD  
 Sample : VW0811SBL01  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK547

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2023  
 Supervised By :Mahesh Dadoda 08/15/2023

Quant Time: Aug 12 00:40:59 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Aug 12 00:39:51 2023  
 Response via : Initial Calibration



TIC: VW026698.D\data.ms

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

8.148min (-0.159) 0.00 ug/L

response 46

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.60  | 43.48  |
| 51.00 | 112.90 | 104.35 |
| 0.00  | 0.00   | 0.00   |

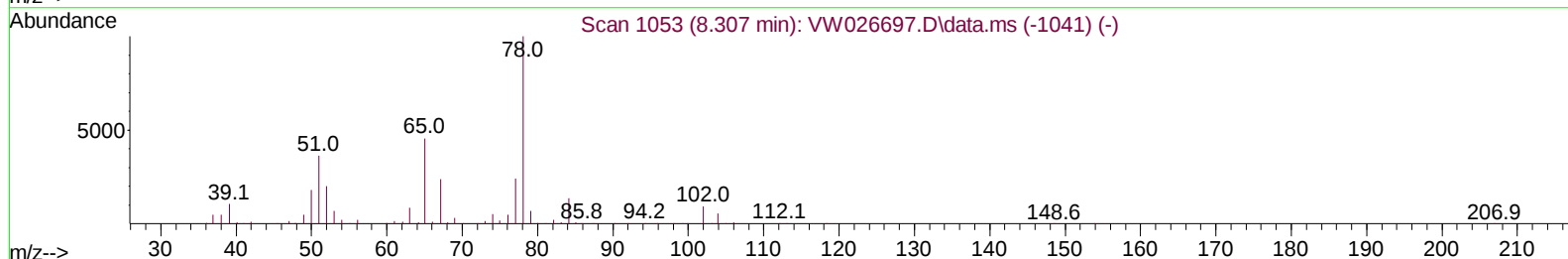
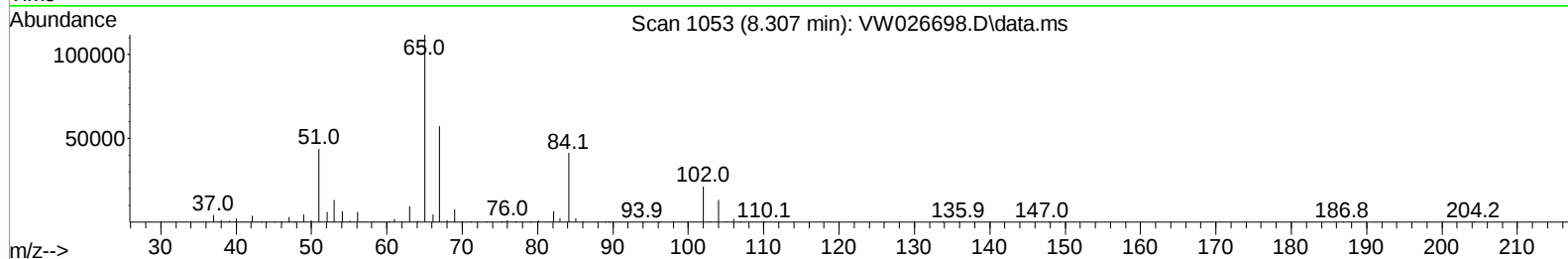
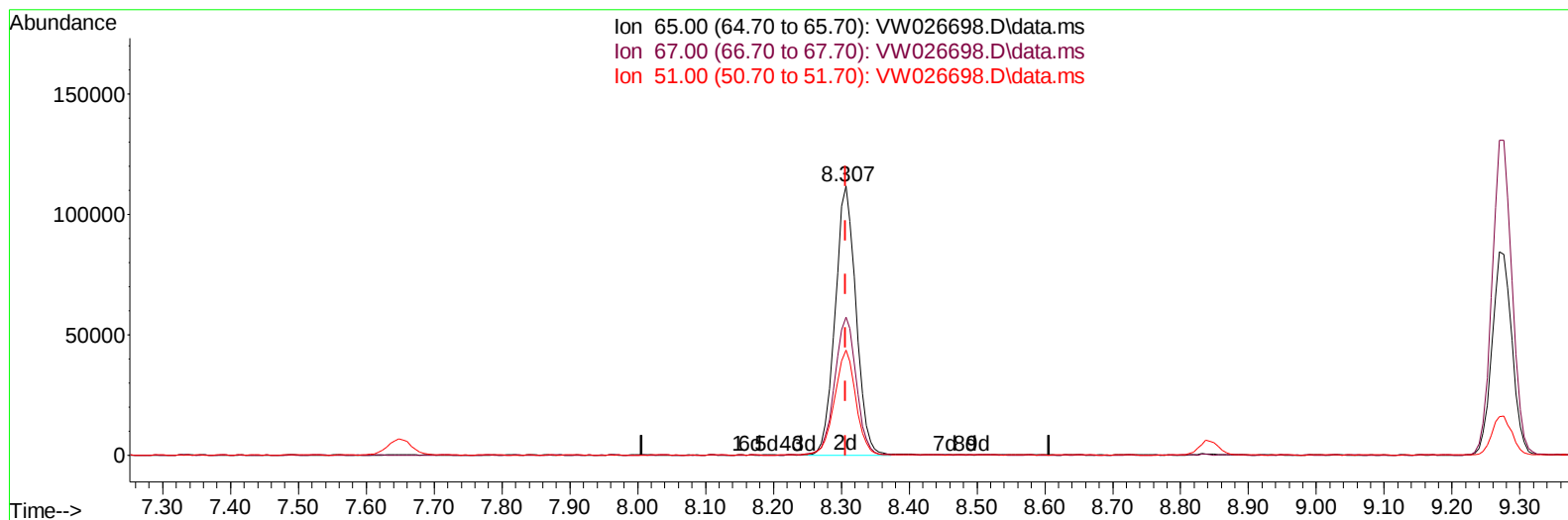
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 Response via : Initial Calibration



TIC: VW026698.D\data.ms

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

8.307min (-0.000) 23.55 ug/L m

response 239364

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.60  | 0.01#  |
| 51.00 | 112.90 | 0.02#  |
| 0.00  | 0.00   | 0.00   |

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Instrument :  
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| Compound                      | R.T.     | Q     | Ion | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|----------|-------|-----|----------|--------|---------|----------|
| -----                         |          |       |     |          |        |         |          |
| Internal Standards            |          |       |     |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 8.843    | 114   |     | 548873   | 25.000 | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 11.629   | 117   |     | 535492   | 25.000 | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556   | 152   |     | 249977   | 25.000 | ug/L    | 0.00     |
|                               |          |       |     |          |        |         |          |
| System Monitoring Compounds   |          |       |     |          |        |         |          |
| 4) Vinyl Chloride-d3          | 2.369    | 65    |     | 209954   | 23.269 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery | =      | 93.080% |          |
| 7) Chloroethane-d5            | 2.899    | 69    |     | 156937   | 23.391 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery | =      | 93.560% |          |
| 11) 1,1-Dichloroethene-d2     | 4.021    | 65    |     | 99587    | 22.441 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 |     | Recovery | =      | 89.760% |          |
| 21) 2-Butanone-d5             | 7.081    | 46    |     | 106097   | 40.911 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery | =      | 81.820% |          |
| 24) Chloroform-d              | 7.648    | 84    |     | 416059   | 22.585 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 |     | Recovery | =      | 90.360% |          |
| 26) 1,2-Dichloroethane-d4     | 8.307    | 65    |     | 239364m  | 23.545 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 |     | Recovery | =      | 94.200% |          |
| 32) Benzene-d6                | 8.276    | 84    |     | 863026   | 23.385 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 |     | Recovery | =      | 93.520% |          |
| 36) 1,2-Dichloropropane-d6    | 9.270    | 67    |     | 268580   | 23.363 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 |     | Recovery | =      | 93.440% |          |
| 41) Toluene-d8                | 10.325   | 98    |     | 737542   | 23.281 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 |     | Recovery | =      | 93.120% |          |
| 43) trans-1,3-Dichloroprop... | 10.575   | 79    |     | 102921   | 21.684 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 |     | Recovery | =      | 86.720% |          |
| 47) 2-Hexanone-d5             | 10.922   | 63    |     | 48626    | 40.255 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery | =      | 80.520% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    |     | 198043   | 21.814 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 |     | Recovery | =      | 87.240% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848   | 152   |     | 220148   | 24.605 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 |     | Recovery | =      | 98.400% |          |
|                               |          |       |     |          |        |         |          |
| Target Compounds              |          |       |     |          |        | Qvalue  |          |
| 16) Methylene chloride        | 4.923    | 84    |     | 33634    | 3.168  | ug/L    | 87       |
| -----                         |          |       |     |          |        |         |          |

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

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