

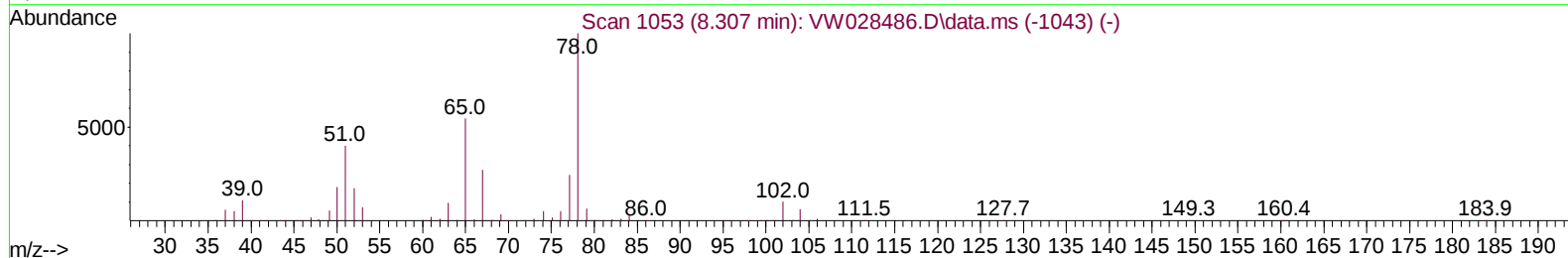
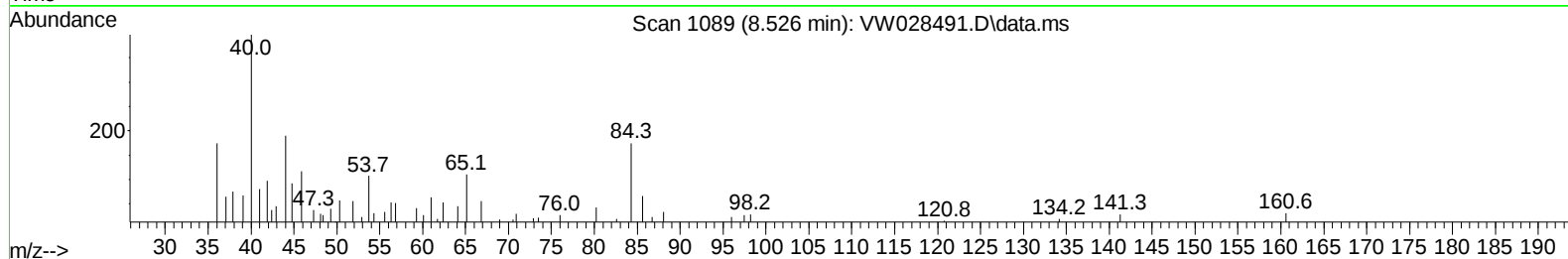
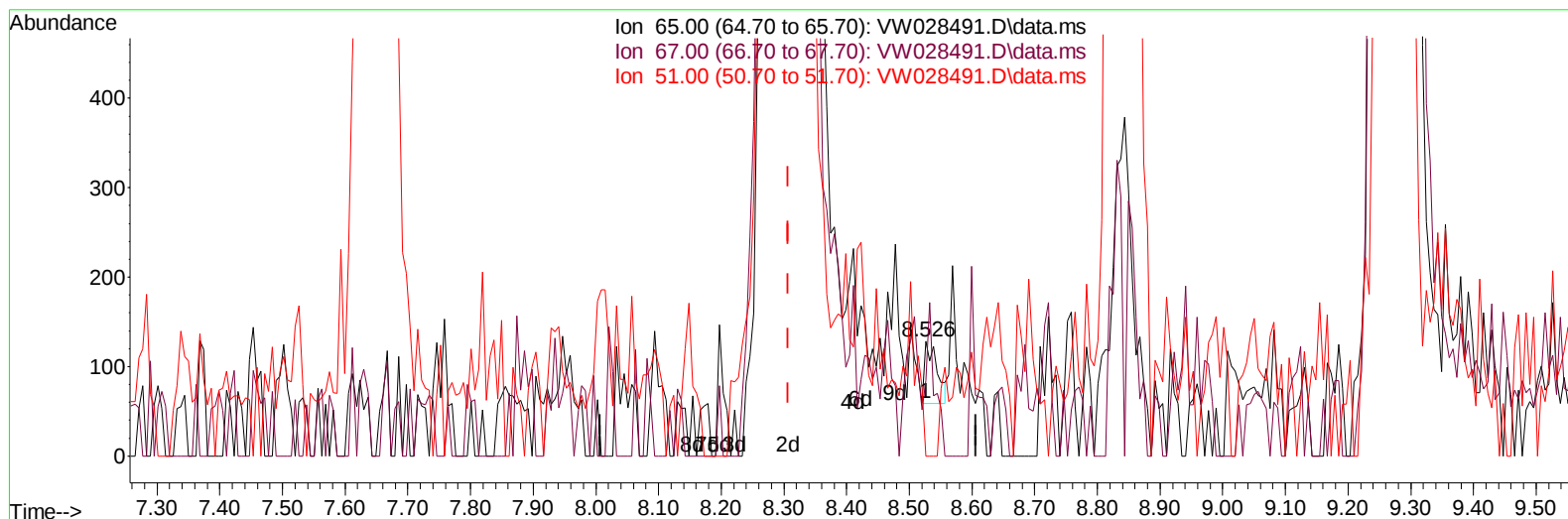
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW041924\  
Data File : VW028491.D  
Acq On : 19 Apr 2024 13:04  
Operator : SY/MD  
Sample : P2164-08  
Misc : 5.20g/10mL/MSVOA\_W/SOIL/A  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0S90

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 04/22/2024  
Supervised By :Mahesh Dadoda 04/22/2024

Quant Time: Apr 19 21:46:56 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040824SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Apr 19 21:45:04 2024  
Response via : Initial Calibration



TIC: VW028491.D\data.ms

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

8.526min (+ 0.220) 0.01 ug/L

response 95

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.10  | 64.21  |
| 51.00 | 108.40 | 90.53  |
| 0.00  | 0.00   | 0.00   |

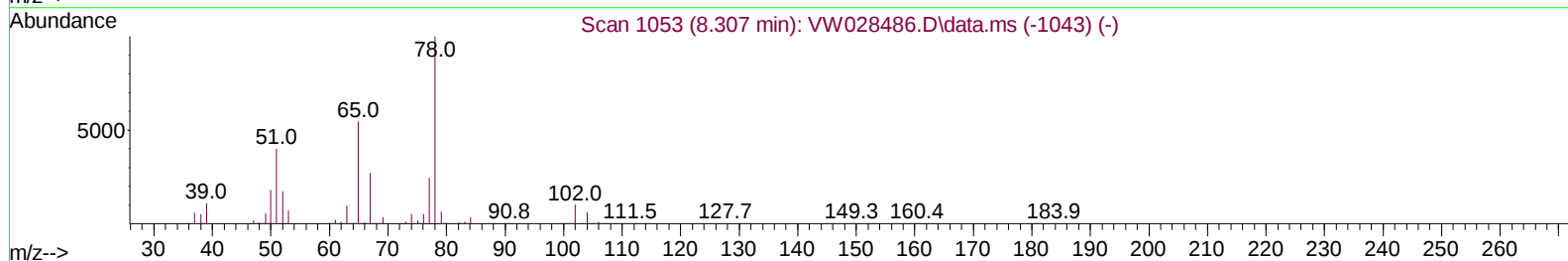
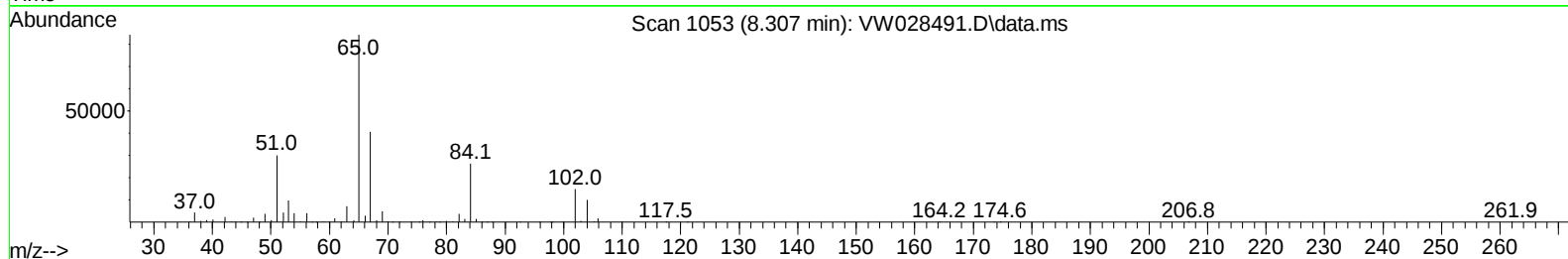
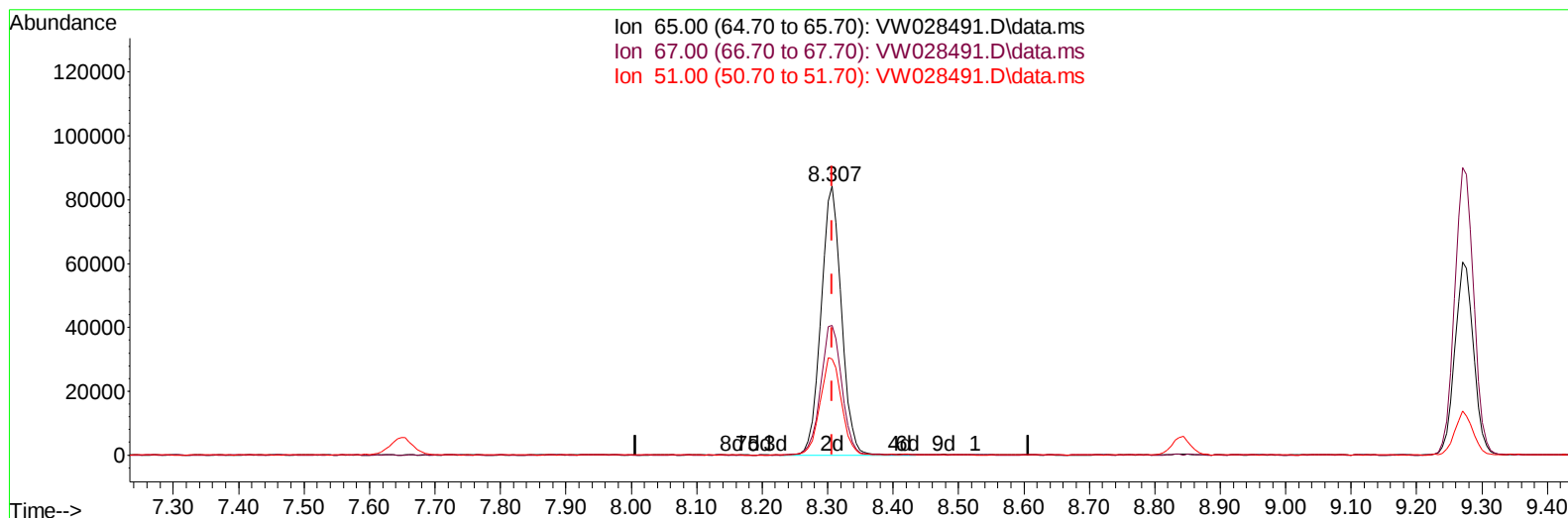
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TIC: VW028491.D\data.ms

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

8.307min (+ 0.000) 27.48 ug/L m

response 182172

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.10  | 0.03#  |
| 51.00 | 108.40 | 0.05#  |
| 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        | 8.843    | 114   |     | 488780     | 25.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 11.629   | 117   |     | 436306     | 25.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.556   | 152   |     | 176276     | 25.000   | ug/L  | 0.00      |
| System Monitoring Compounds   |          |       |     |            |          |       |           |
| 4) Vinyl Chloride-d3          | 2.363    | 65    |     | 163721     | 20.894   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 83.560%  |       |           |
| 7) Chloroethane-d5            | 2.899    | 69    |     | 132300     | 22.276   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 89.120%  |       |           |
| 11) 1,1-Dichloroethene-d2     | 4.027    | 65    |     | 70004      | 21.096   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 45 | - 110 |     | Recovery = | 84.400%  |       |           |
| 21) 2-Butanone-d5             | 7.075    | 46    |     | 94205      | 64.246   | ug/L  | 0.00      |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 128.500% |       |           |
| 24) Chloroform-d              | 7.648    | 84    |     | 303188     | 23.771   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 40 | - 150 |     | Recovery = | 95.080%  |       |           |
| 26) 1,2-Dichloroethane-d4     | 8.307    | 65    |     | 182172m    | 27.484   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 70 | - 130 |     | Recovery = | 109.920% |       |           |
| 32) Benzene-d6                | 8.276    | 84    |     | 594834     | 24.956   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 20 | - 135 |     | Recovery = | 99.840%  |       |           |
| 36) 1,2-Dichloropropane-d6    | 9.270    | 67    |     | 183234     | 25.863   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 70 | - 120 |     | Recovery = | 103.440% |       |           |
| 41) Toluene-d8                | 10.319   | 98    |     | 529503     | 24.431   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 30 | - 130 |     | Recovery = | 97.720%  |       |           |
| 43) trans-1,3-Dichloroprop... | 10.575   | 79    |     | 74411      | 26.414   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 30 | - 135 |     | Recovery = | 105.640% |       |           |
| 47) 2-Hexanone-d5             | 10.922   | 63    |     | 65642      | 66.887   | ug/L  | 0.00      |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 133.780% |       |           |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    |     | 147815     | 29.571   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 45 | - 120 |     | Recovery = | 118.280% |       |           |
| 66) 1,2-Dichlorobenzene-d4    | 13.849   | 152   |     | 152276     | 27.315   | ug/L  | 0.00      |
| Spiked Amount 25.000          | Range 75 | - 120 |     | Recovery = | 109.280% |       |           |
| Target Compounds              |          |       |     |            |          |       |           |
| 16) Methylene chloride        | 4.923    | 84    |     | 21370      | 2.889    | ug/L  | Qvalue 98 |
| -----                         |          |       |     |            |          |       |           |

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

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