

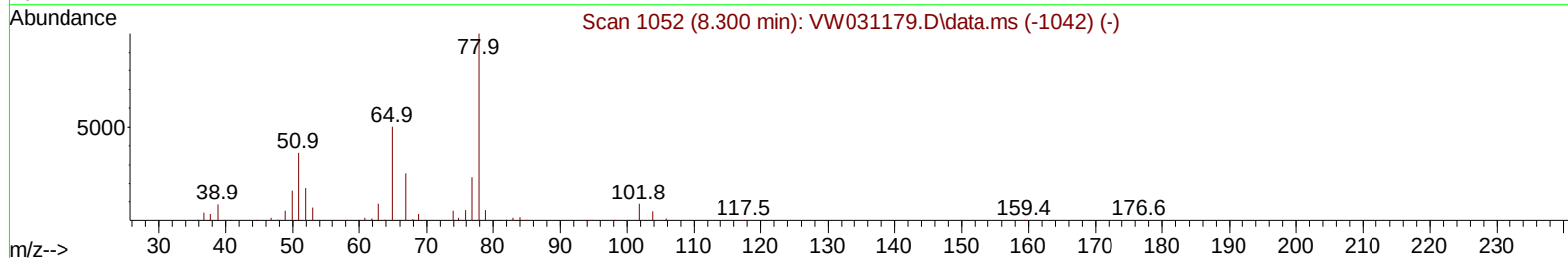
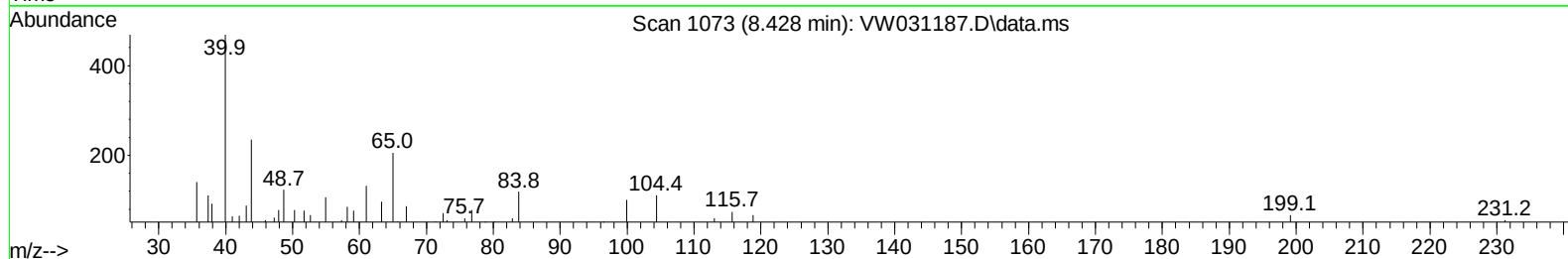
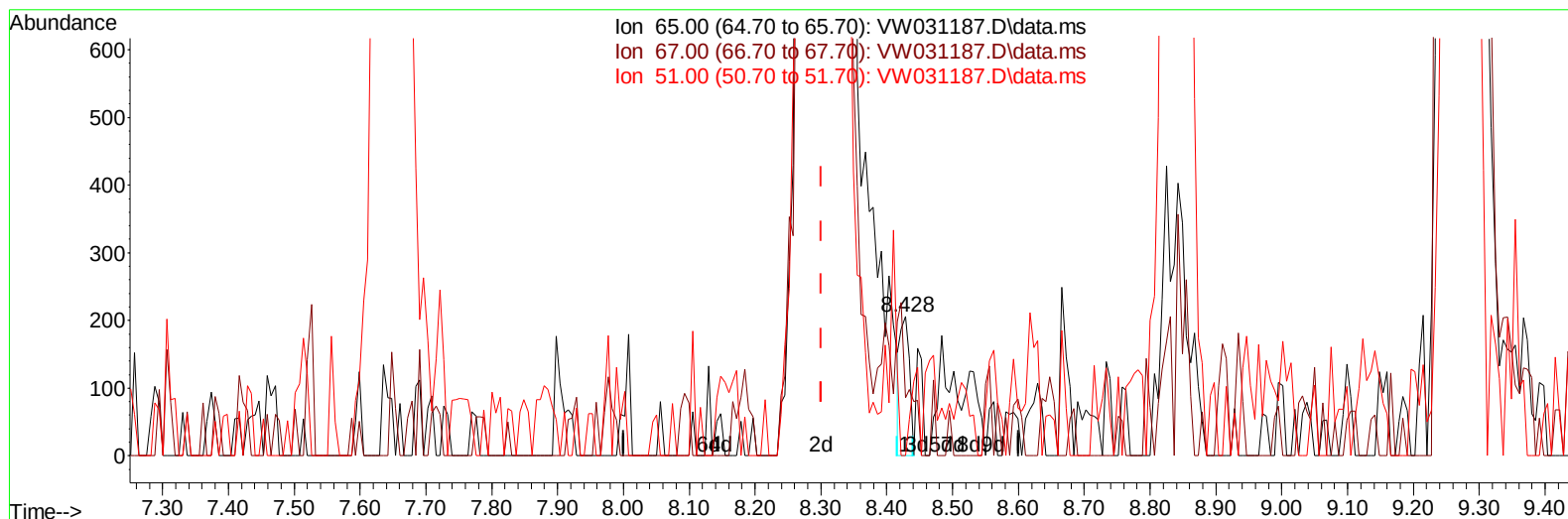
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121024\  
Data File : VW031187.D  
Acq On : 10 Dec 2024 13:29  
Operator : SY/MD  
Sample : P5153-17  
Misc : 5.33g/10mL/MSVOA\_W/SOIL/A  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
E28Q4

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:29:43 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120424SMA.M  
Quant Title : SFAM01.0  
QLast Update : Wed Dec 11 00:26:57 2024  
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/11/2024  
Supervised By :Semsettin Yesilyurt 12/11/2024



TIC: VW031187.D\data.ms

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

8.428min (+ 0.128) 0.03 ug/L

response 197

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.30  | 48.73  |
| 51.00 | 104.20 | 85.79  |
| 0.00  | 0.00   | 0.00   |

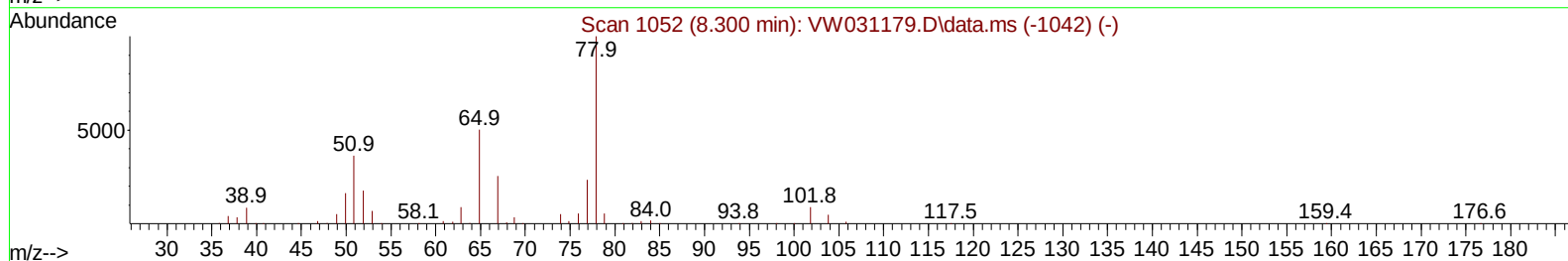
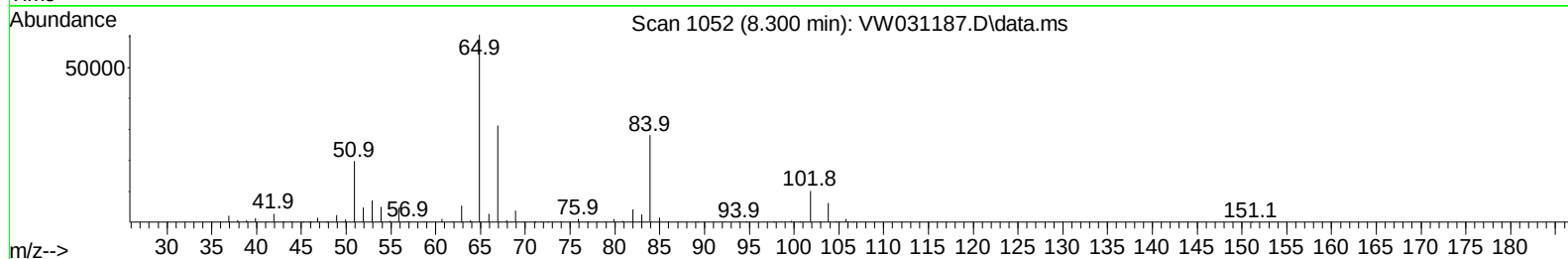
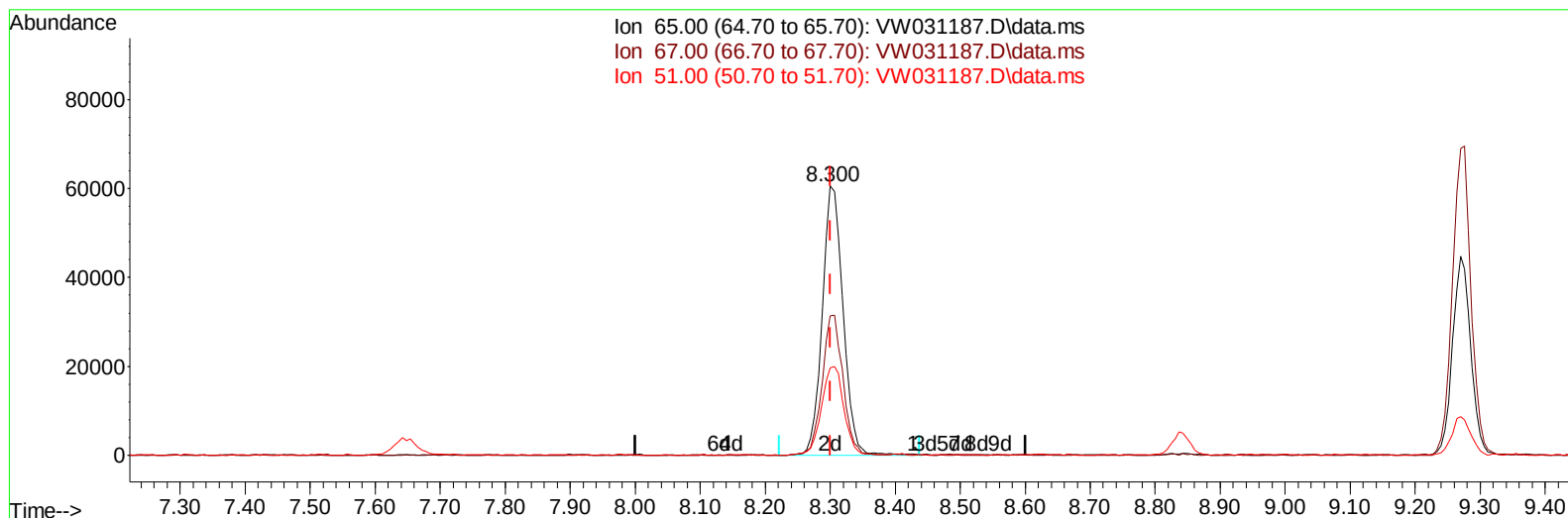
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TIC: VW031187.D\data.ms

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

8.300min (-0.000) 23.42 ug/L m

response 134669

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.30  | 0.07#  |
| 51.00 | 104.20 | 0.13#  |
| 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        | 8.837    | 114   | 398940   | 25.000 | ug/L      | # 0.00   |
| 28) Chlorobenzene-d5          | 11.629   | 117   | 238545   | 25.000 | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.555   | 152   | 37578    | 25.000 | ug/L      | 0.00     |
| System Monitoring Compounds   |          |       |          |        |           |          |
| 4) Vinyl Chloride-d3          | 2.362    | 65    | 92412    | 15.053 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 60.200%   |          |
| 7) Chloroethane-d5            | 2.893    | 69    | 86461    | 18.152 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 72.600%   |          |
| 11) 1,1-Dichloroethene-d2     | 4.014    | 65    | 40921    | 14.609 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 58.440%   |          |
| 21) 2-Butanone-d5             | 7.093    | 46    | 18192    | 16.944 | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 33.880%   |          |
| 24) Chloroform-d              | 7.648    | 84    | 235803   | 20.181 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 80.720%   |          |
| 26) 1,2-Dichloroethane-d4     | 8.300    | 65    | 134669m  | 23.422 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 93.680%   |          |
| 32) Benzene-d6                | 8.270    | 84    | 369520   | 25.203 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 100.800%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.276    | 67    | 139121   | 32.394 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 129.560%# |          |
| 41) Toluene-d8                | 10.318   | 98    | 242450   | 18.324 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 73.280%   |          |
| 43) trans-1,3-Dichloroprop... | 10.574   | 79    | 30232    | 17.485 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 69.960%   |          |
| 47) 2-Hexanone-d5             | 10.928   | 63    | 11031    | 21.923 | ug/L      | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 43.840%   |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    | 70580    | 24.351 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 97.400%   |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848   | 152   | 26857    | 20.122 | ug/L      | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 80.480%   |          |

Target Compounds Qvalue

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

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