

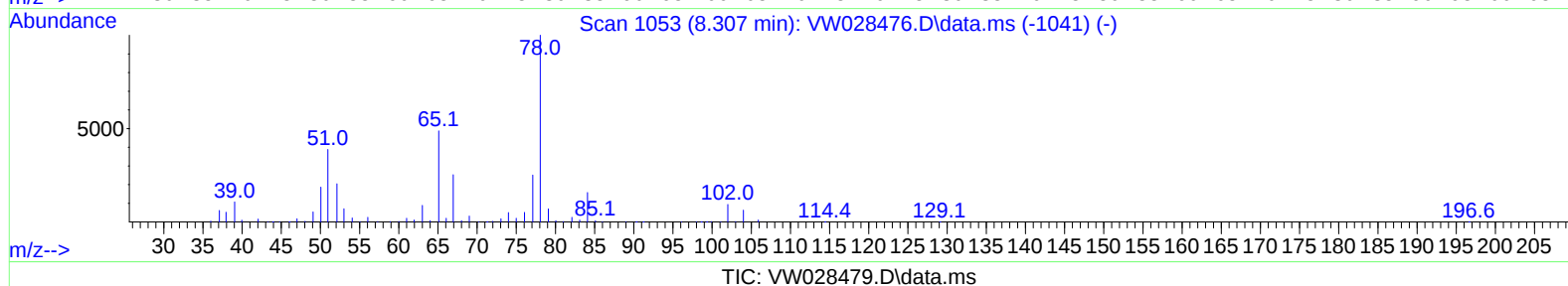
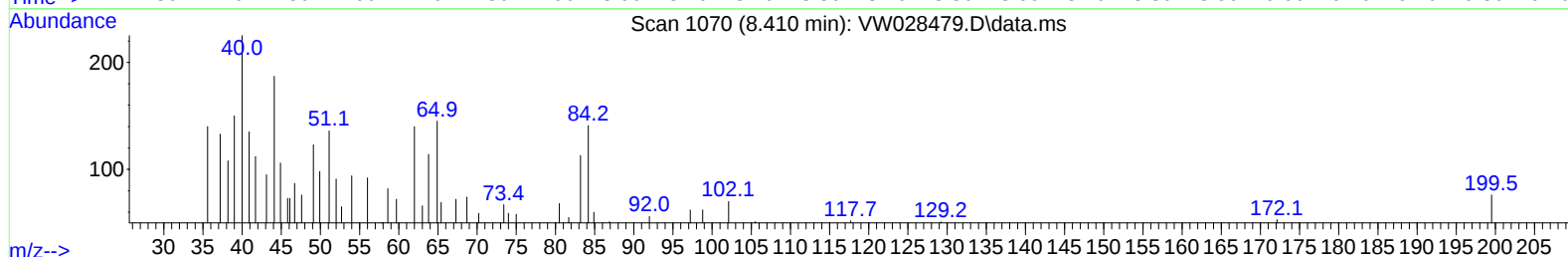
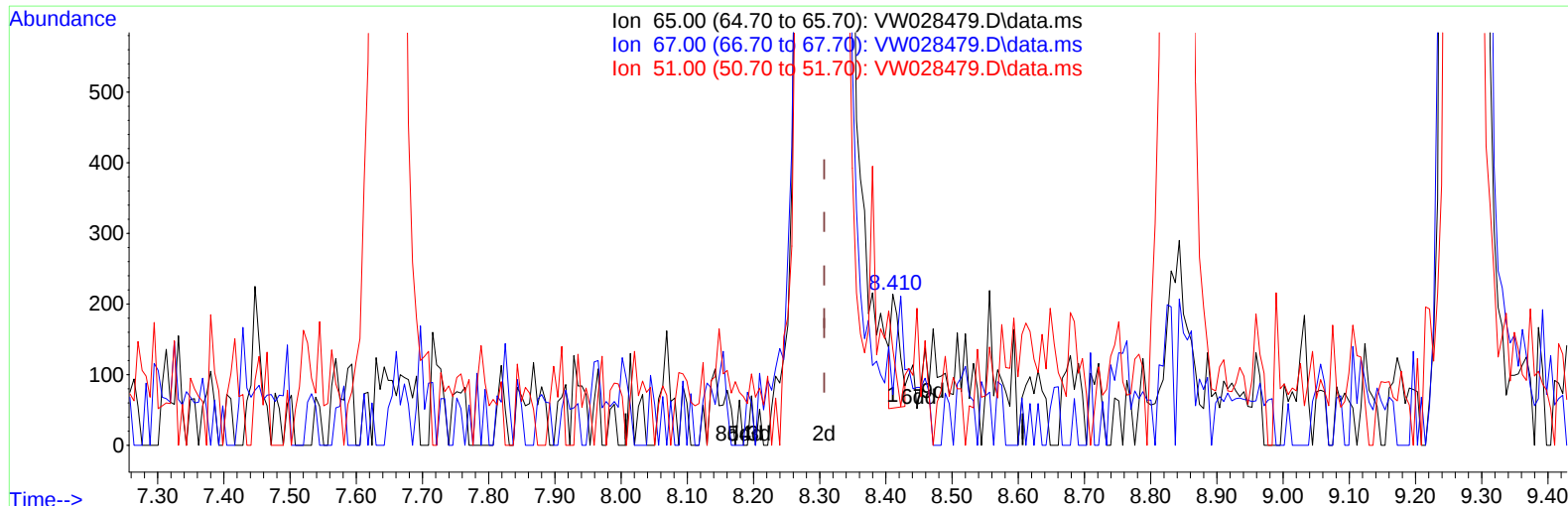
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW041824\  
Data File : VW028479.D  
Acq On : 18 Apr 2024 12:00  
Operator : SY/MD  
Sample : VIBLK430  
Misc : 5.00g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VIBLK430

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 04/19/2024  
Supervised By :Mahesh Dadoda 04/19/2024

Quant Time: Apr 19 04:57:51 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040824SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Apr 18 02:19:47 2024  
Response via : Initial Calibration



TIC: VW028479.D\data.ms

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

8.410min (+ 0.104) 0.03 ug/L

response 144

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.10  | 53.47  |
| 51.00 | 108.40 | 117.36 |
| 0.00  | 0.00   | 0.00   |

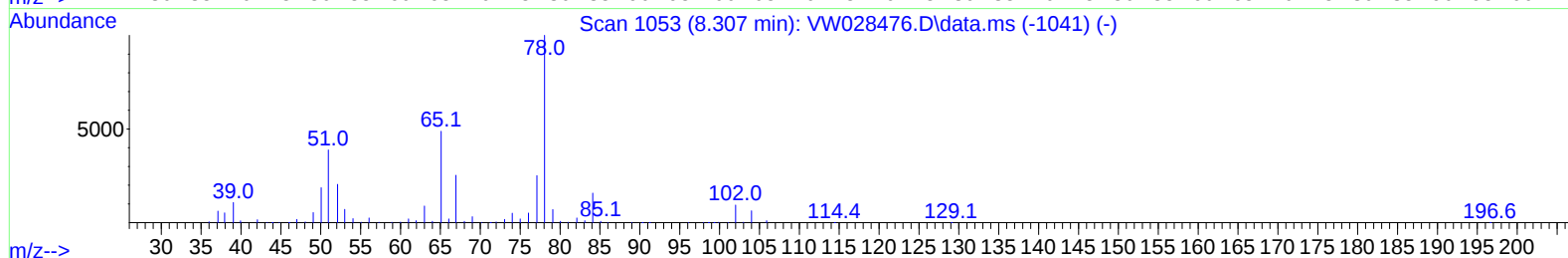
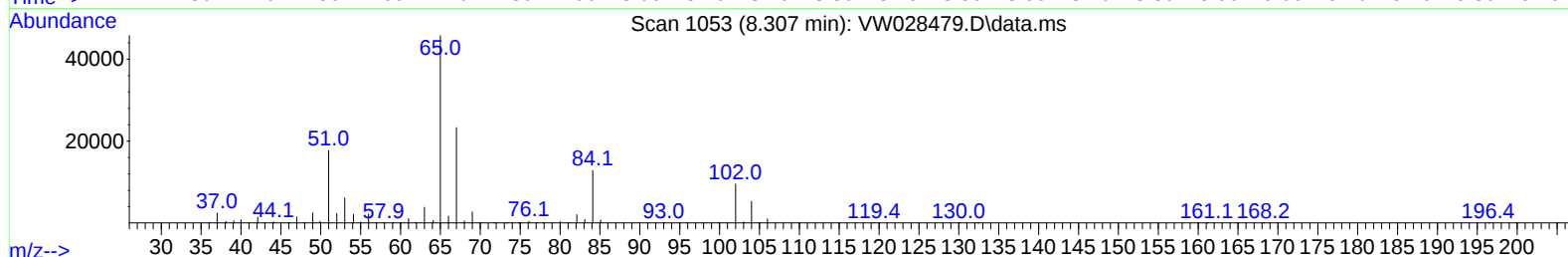
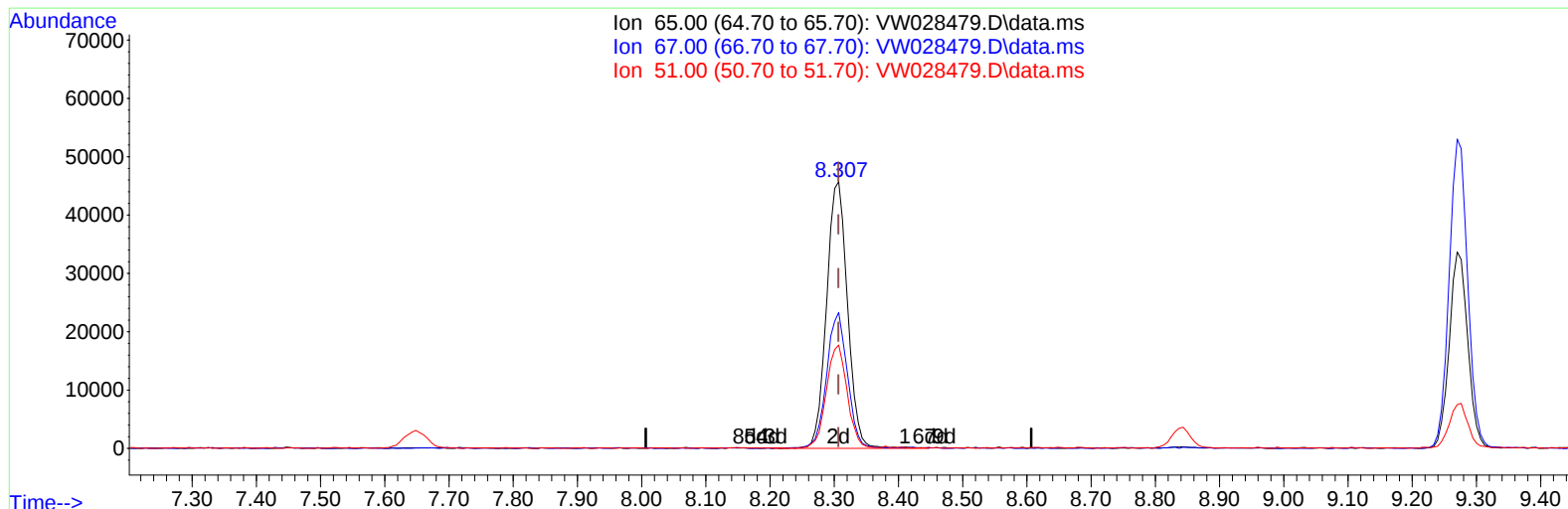
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TIC: VW028479.D\data.ms

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

8.307min (-0.000) 24.94 ug/L m

response 103693

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.10  | 0.07#  |
| 51.00 | 108.40 | 0.16#  |
| 0.00  | 0.00   | 0.00   |

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 QLast Update : Thu Apr 18 02:19:47 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 306597   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 287779   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 135120   | 25.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 89751    | 18.260   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 73.040%  |
| 7) Chloroethane-d5            | 2.905  | 69    | 72413    | 19.438   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 77.760%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 38659    | 18.573   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 74.280%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 53061    | 57.689   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 115.380% |
| 24) Chloroform-d              | 7.648  | 84    | 176949   | 22.117   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 88.480%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 103693m  | 24.940   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 99.760%  |
| 32) Benzene-d6                | 8.276  | 84    | 342126   | 21.762   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 87.040%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 106422   | 22.774   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 91.080%  |
| 41) Toluene-d8                | 10.319 | 98    | 300811   | 21.042   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 84.160%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 40578    | 21.838   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 87.360%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 34360    | 53.082   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 106.160% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 86897    | 26.356   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 105.440% |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 101905   | 23.847   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 95.400%  |

Target Compounds Qvalue

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

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