

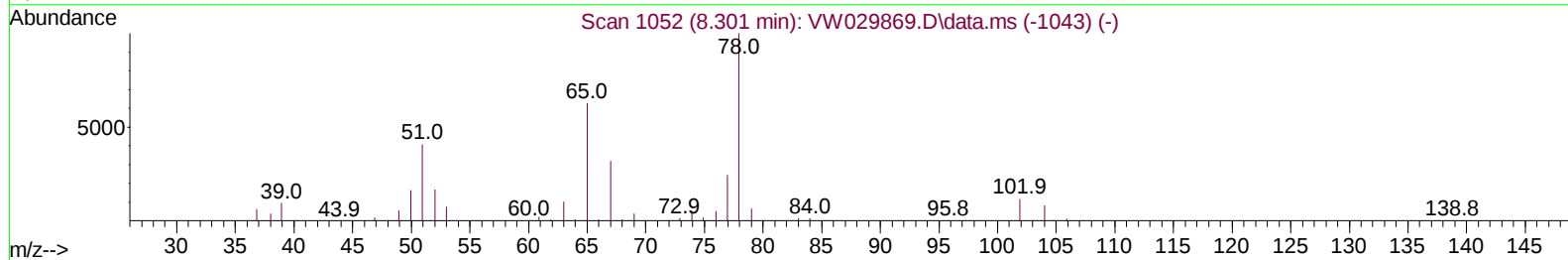
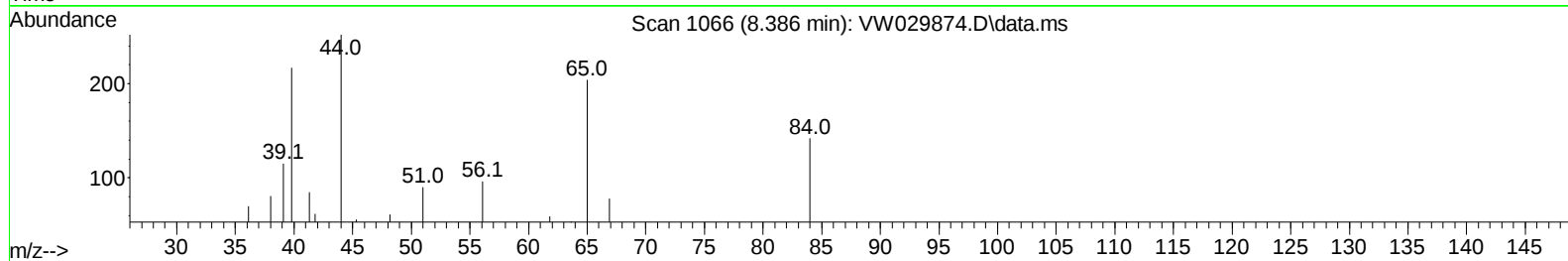
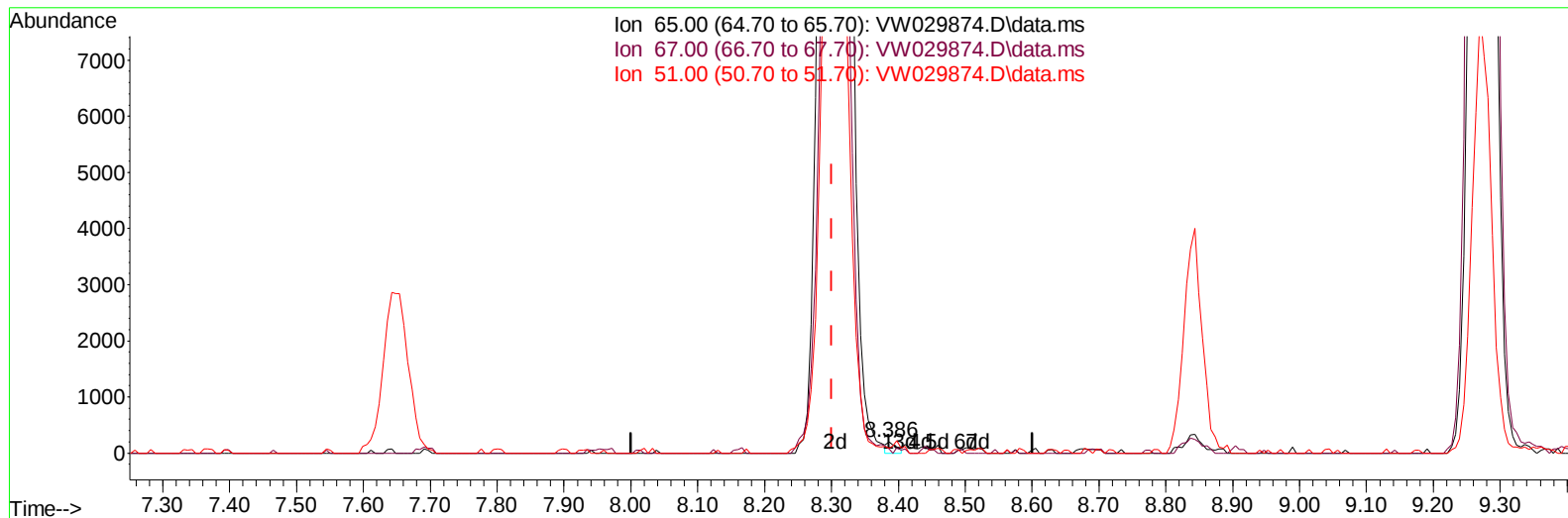
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW080924\  
Data File : VW029874.D  
Acq On : 09 Aug 2024 15:07  
Operator : SY/MD  
Sample : P3481-17  
Misc : 6.05g/10mL/MSVOA\_W/SOIL/A  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
E0AF2

Manual IntegrationsAPPROVED

Quant Time: Aug 09 23:16:01 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM072424SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Aug 09 23:13:22 2024  
Response via : Initial Calibration

Reviewed By :Romaben Patel 08/12/2024  
Supervised By :Mahesh Dadoda 08/13/2024



TIC: VW029874.D\data.ms

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

8.386min (+ 0.085) 0.04 ug/L

response 201

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.90  | 41.29  |
| 51.00 | 120.50 | 99.00  |
| 0.00  | 0.00   | 0.00   |

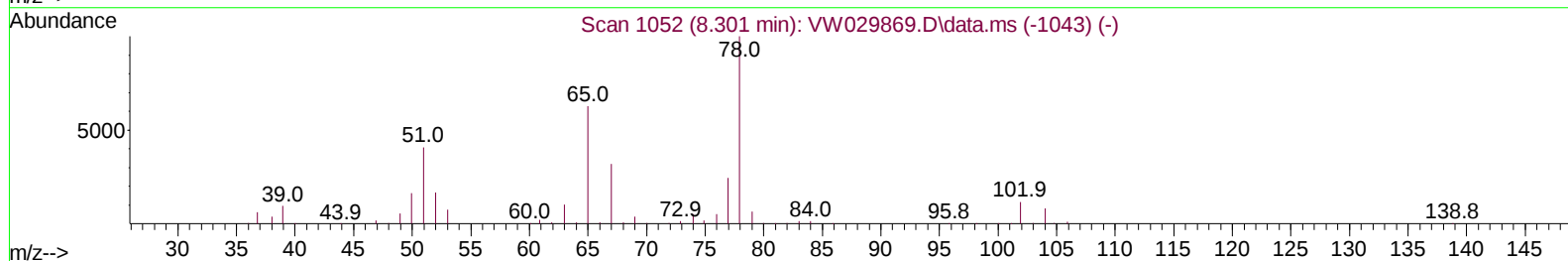
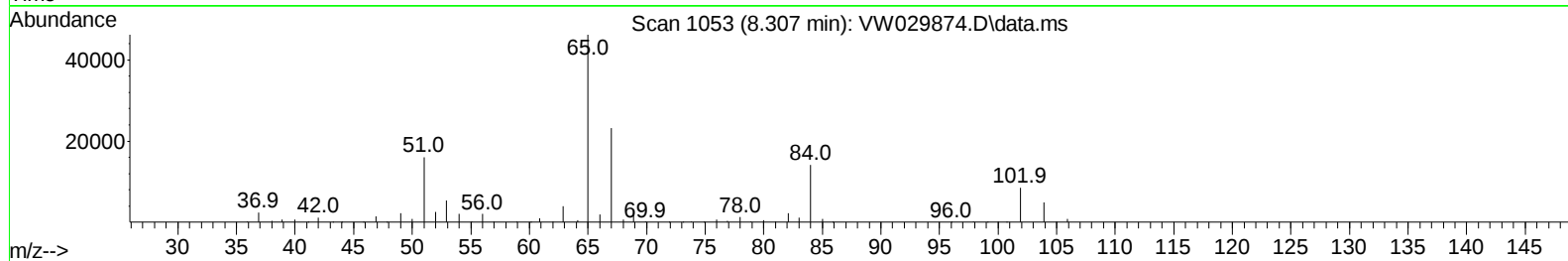
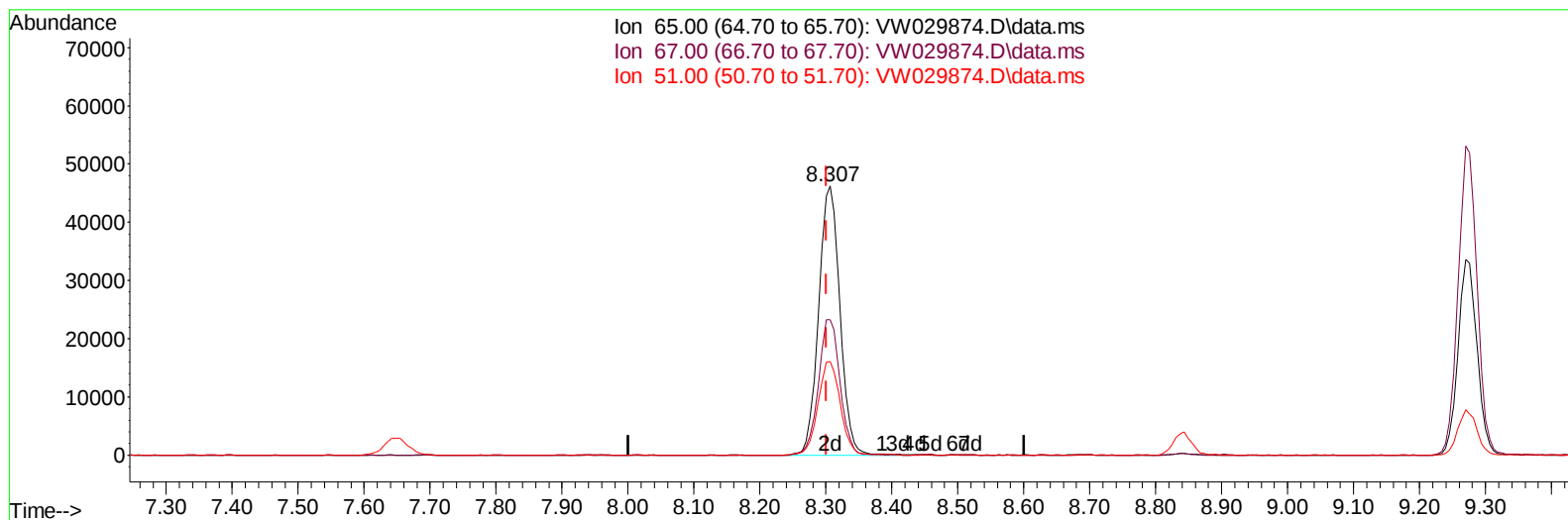
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TIC: VW029874.D\data.ms

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

8.307min (+ 0.006) 20.62 ug/L m

response 103561

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.90  | 0.08#  |
| 51.00 | 120.50 | 0.19#  |
| 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   | 340570   | 25.000 | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 11.629   | 117   | 320108   | 25.000 | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556   | 152   | 138448   | 25.000 | ug/L    | 0.00     |
| System Monitoring Compounds   |          |       |          |        |         |          |
| 4) Vinyl Chloride-d3          | 2.362    | 65    | 90776    | 18.775 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 75.080% |          |
| 7) Chloroethane-d5            | 2.899    | 69    | 75479    | 21.866 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 87.480% |          |
| 11) 1,1-Dichloroethene-d2     | 4.021    | 65    | 36744    | 16.648 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 66.600% |          |
| 21) 2-Butanone-d5             | 7.075    | 46    | 36768    | 27.745 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 55.500% |          |
| 24) Chloroform-d              | 7.648    | 84    | 181431   | 20.579 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 82.320% |          |
| 26) 1,2-Dichloroethane-d4     | 8.307    | 65    | 103561m  | 20.623 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 82.480% |          |
| 32) Benzene-d6                | 8.270    | 84    | 337081   | 19.489 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 77.960% |          |
| 36) 1,2-Dichloropropane-d6    | 9.270    | 67    | 106297   | 19.247 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 77.000% |          |
| 41) Toluene-d8                | 10.324   | 98    | 313560   | 20.389 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 81.560% |          |
| 43) trans-1,3-Dichloroprop... | 10.581   | 79    | 42620    | 19.071 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 76.280% |          |
| 47) 2-Hexanone-d5             | 10.922   | 63    | 28494    | 31.290 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 62.580% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    | 83650    | 20.399 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 81.600% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848   | 152   | 88772    | 20.650 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 82.600% |          |
| Target Compounds              |          |       |          |        |         |          |
|                               |          |       |          |        | Qvalue  |          |
| 14) Carbon disulfide          | 4.393    | 76    | 7943     | 0.513  | ug/L    | 95       |
| 60) Isopropylbenzene          | 12.458   | 105   | 13343    | 0.623  | ug/L    | 97       |
| 62) 1,3,5-Trimethylbenzene    | 12.940   | 105   | 13131    | 0.825  | ug/L    | 97       |
| 63) 1,2,4-Trimethylbenzene    | 13.245   | 105   | 8153     | 0.479  | ug/L    | 100      |
| -----                         |          |       |          |        |         |          |

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

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