

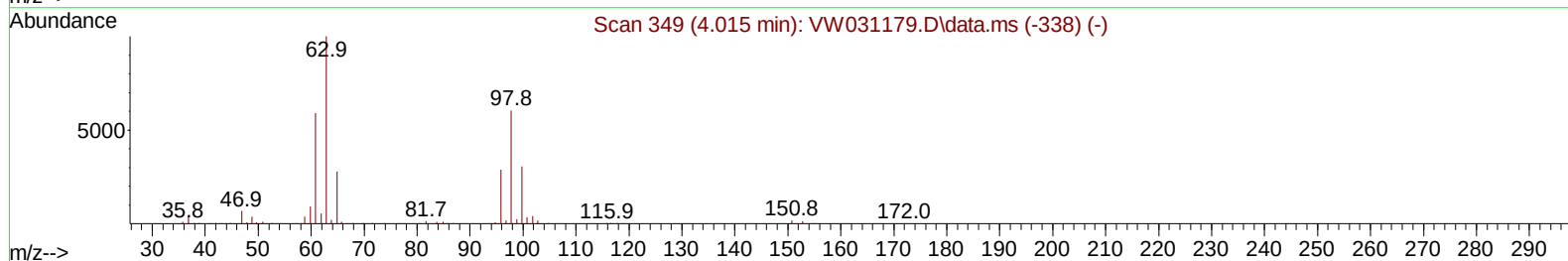
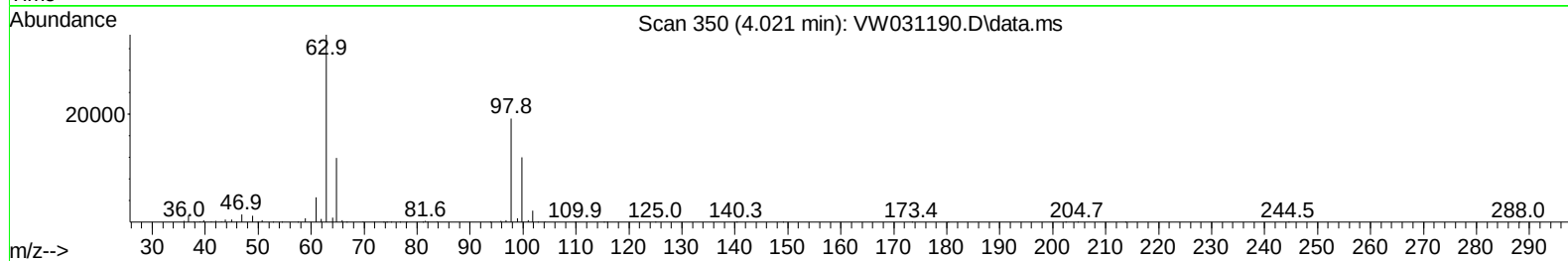
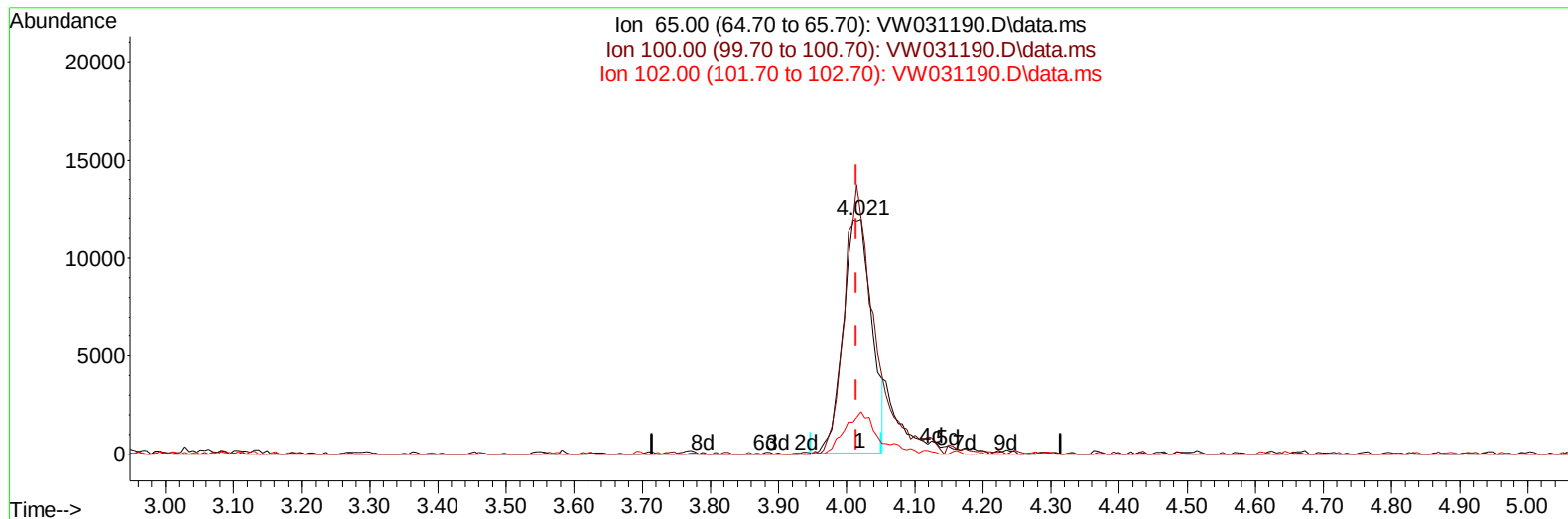
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121024\  
Data File : VW031190.D  
Acq On : 10 Dec 2024 14:41  
Operator : SY/MD  
Sample : P5153-10  
Misc : 9.69g/10mL/MSVOA\_W/SOIL/B  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
E28Q5

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:30:38 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: VW031190.D\data.ms

(11) 1,1-Dichloroethene-d2 (S)

4.021min (+ 0.006) 10.99 ug/L

response 34670

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 65.00  | 100.00 | 100.00 |
| 100.00 | 143.20 | 118.71 |
| 102.00 | 21.00  | 18.97  |
| 0.00   | 0.00   | 0.00   |

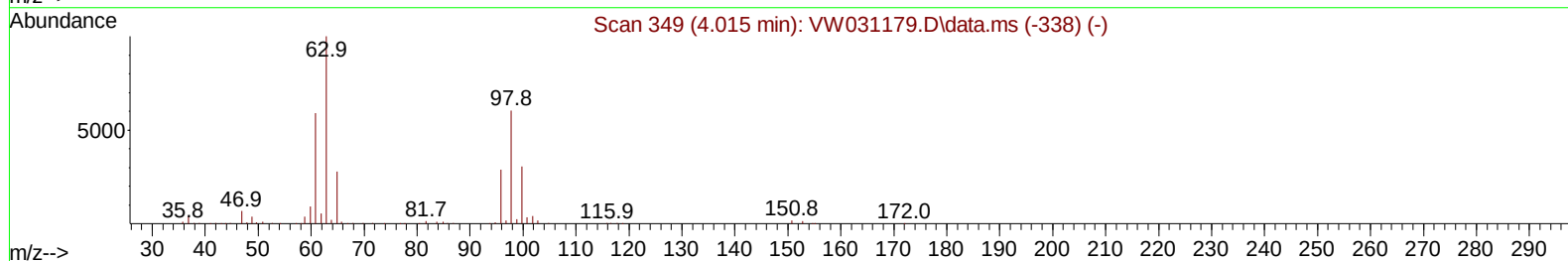
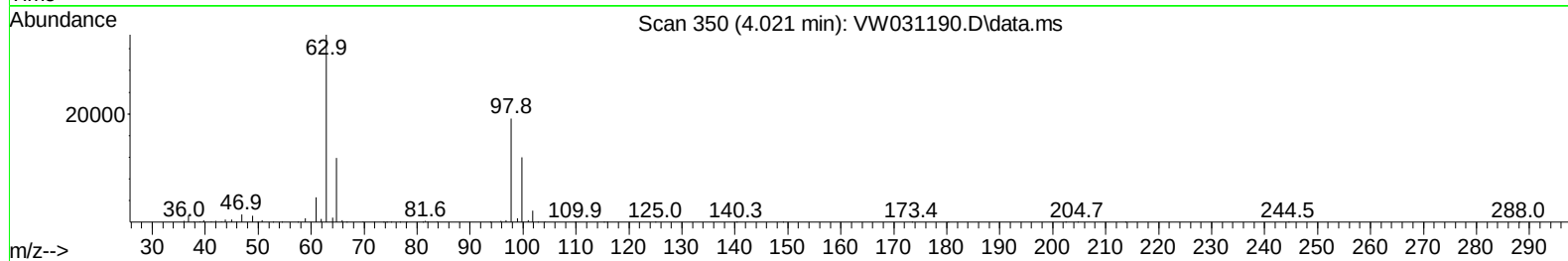
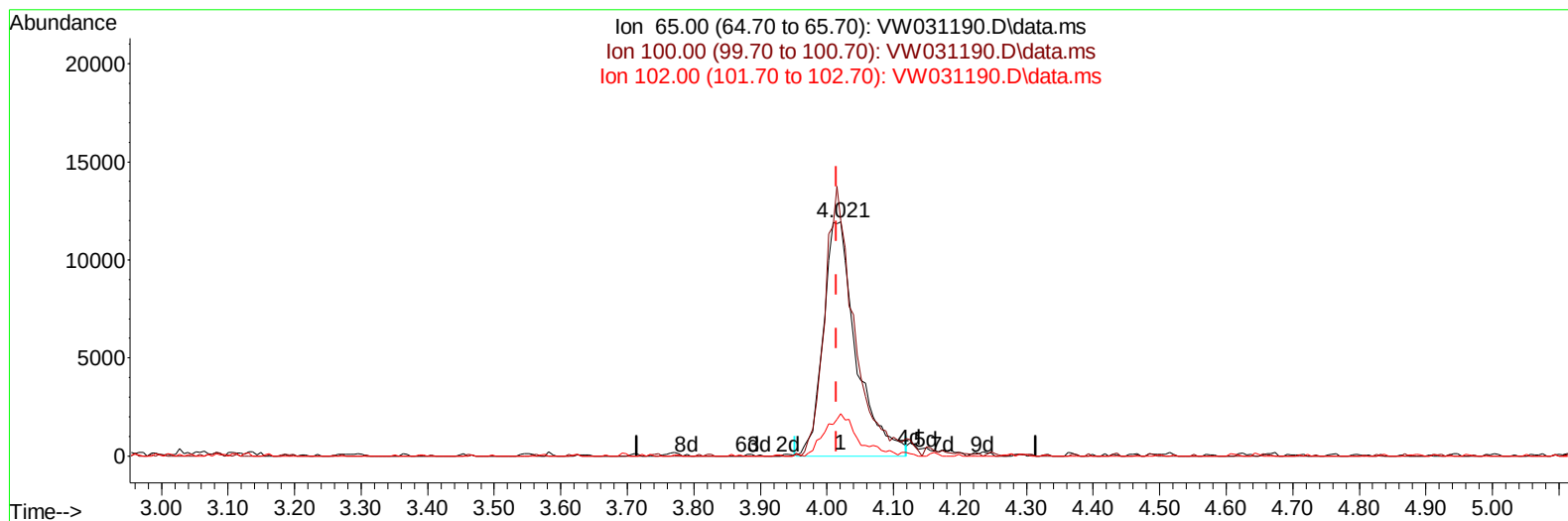
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Instrument :  
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ClientSampleId :  
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TIC: VW031190.D\data.ms

(11) 1,1-Dichloroethene-d2 (S)

4.021min (+ 0.006) 12.97 ug/L m

response 40904

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 65.00  | 100.00 | 100.00 |
| 100.00 | 143.20 | 100.62 |
| 102.00 | 21.00  | 16.08  |
| 0.00   | 0.00   | 0.00   |

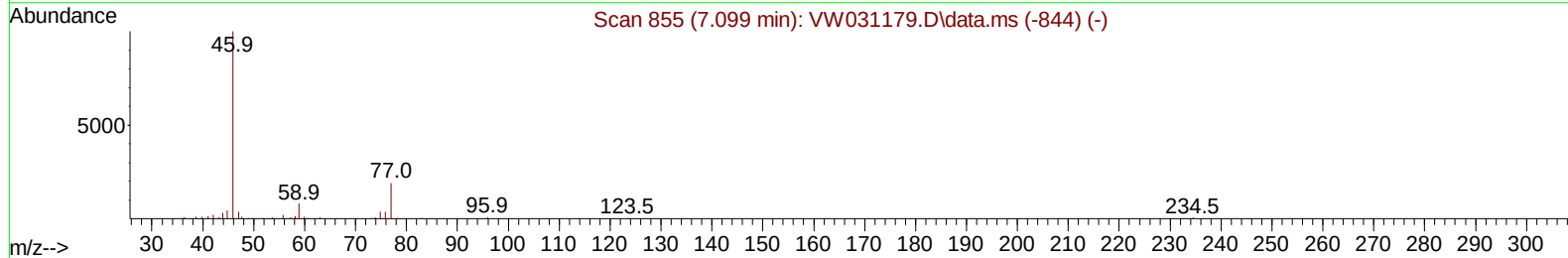
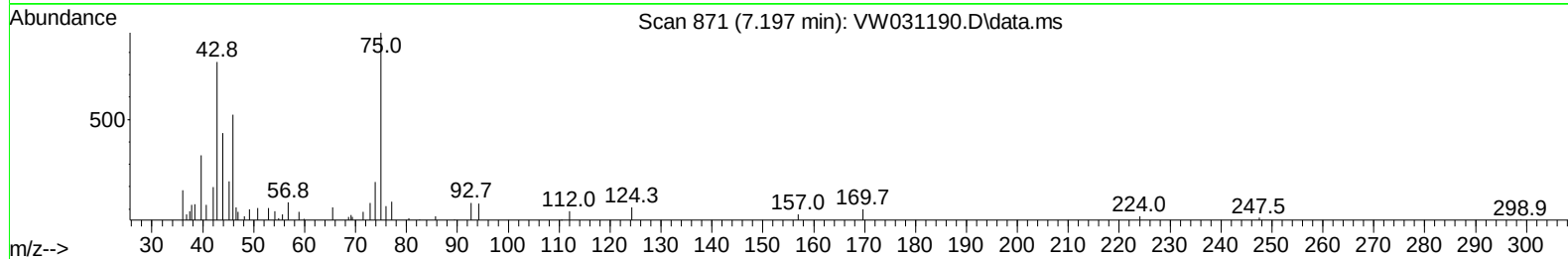
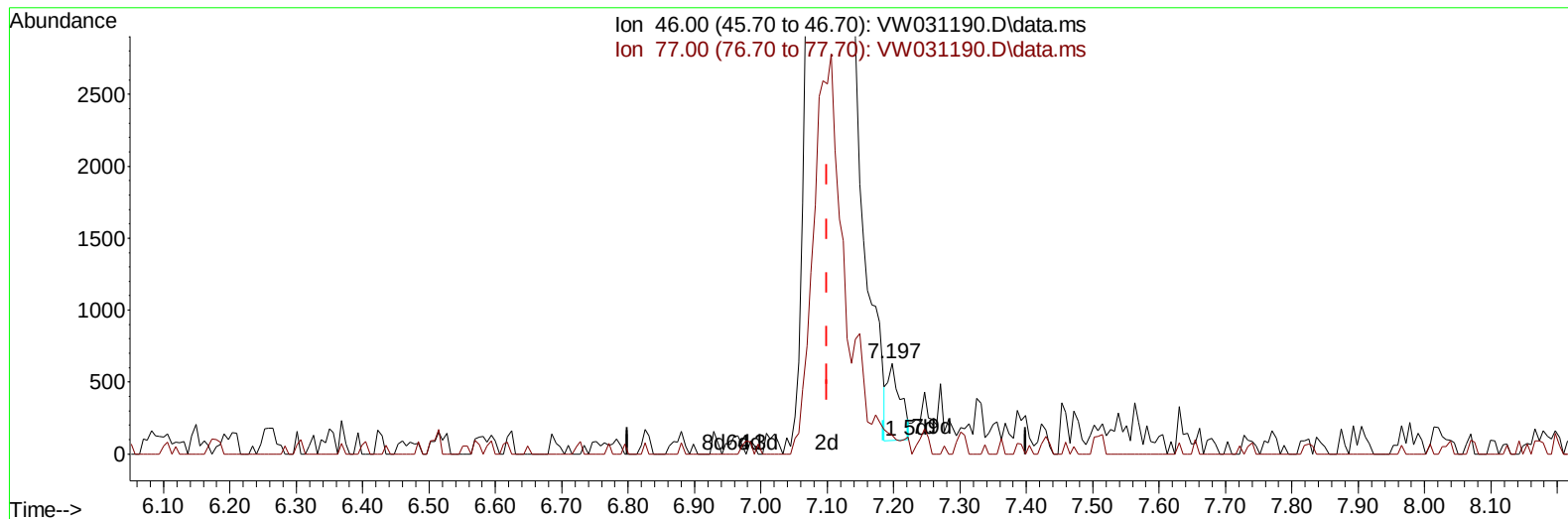
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Data File : VW031190.D  
Acq On : 10 Dec 2024 14:41  
Operator : SY/MD  
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Misc : 9.69g/10mL/MSVOA\_W/SOIL/B  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
E28Q5

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:30:38 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120424SMA.M  
Quant Title : SFAM01.0  
QLast Update : Wed Dec 11 00:26:57 2024  
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TIC: VW031190.D\data.ms

(21) 2-Butanone-d5 (S)

7.197min (+ 0.098) 0.60 ug/L

response 724

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 27.80  | 26.80  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |



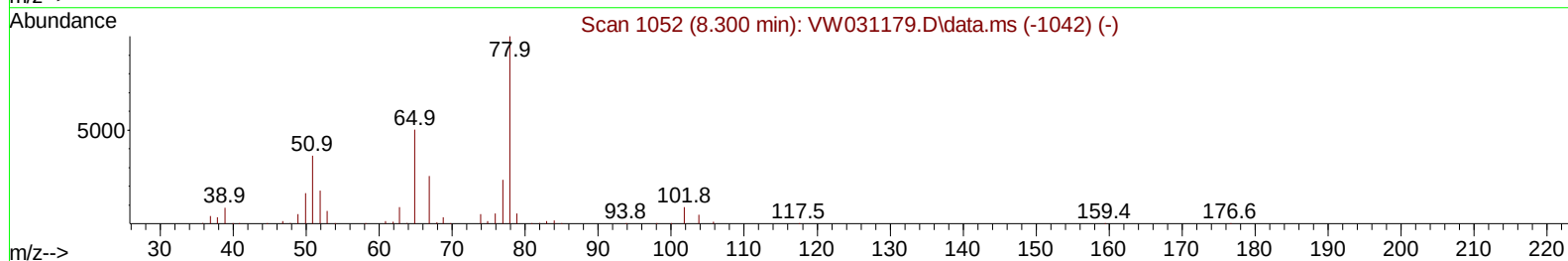
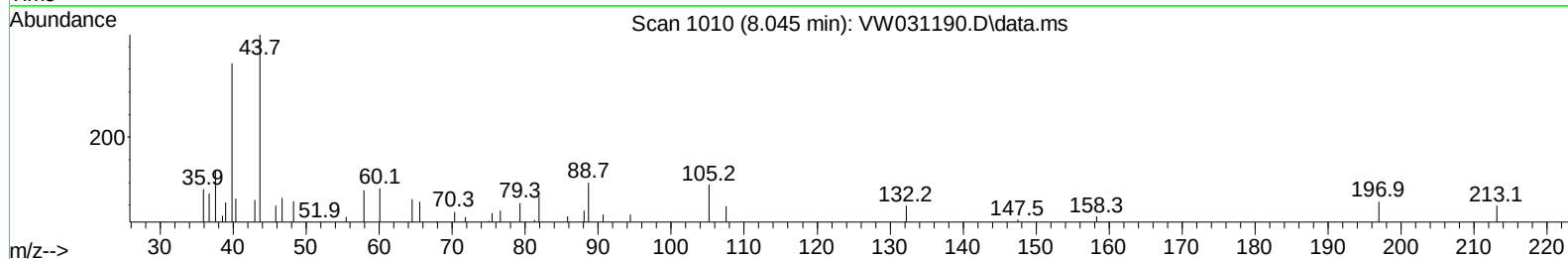
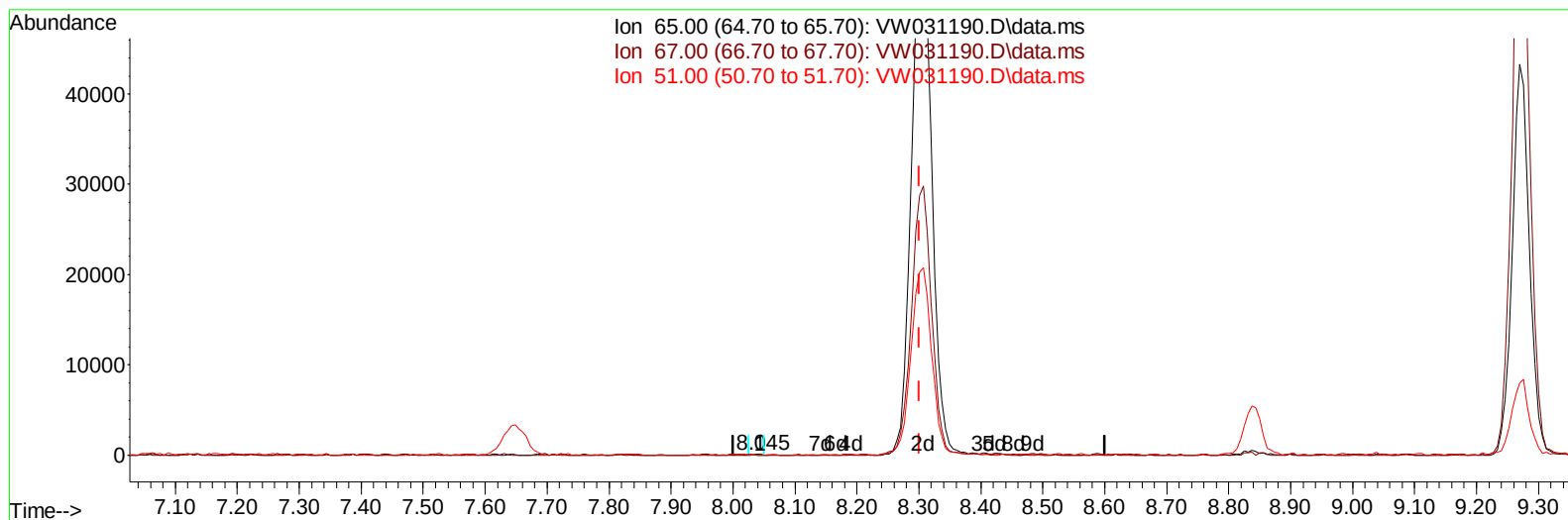
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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
E28Q5

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:30:38 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120424SMA.M  
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Supervised By :Semsettin Yesilyurt 12/11/2024



TIC: VW031190.D\data.ms

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

8.045min (-0.256) 0.01 ug/L

response 82

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.30  | 56.10  |
| 51.00 | 104.20 | 84.15  |
| 0.00  | 0.00   | 0.00   |

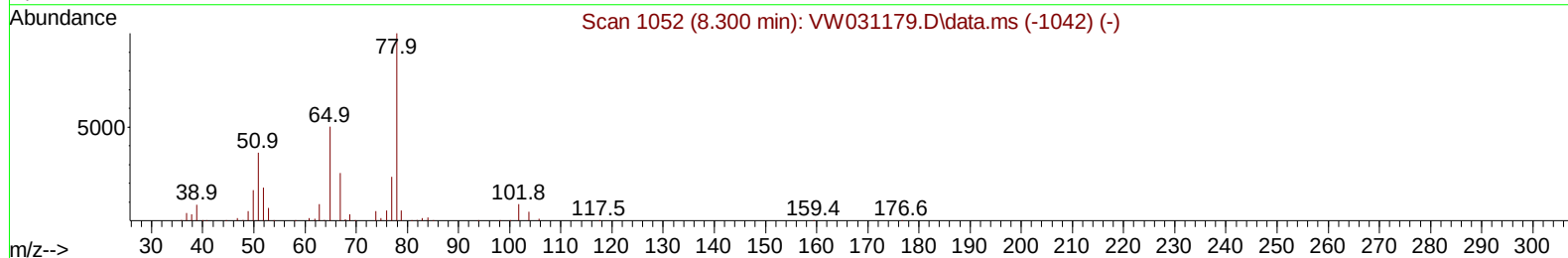
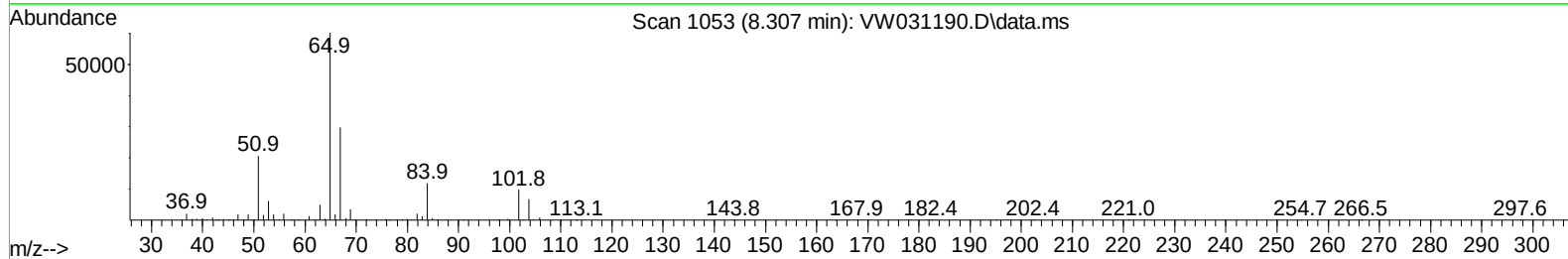
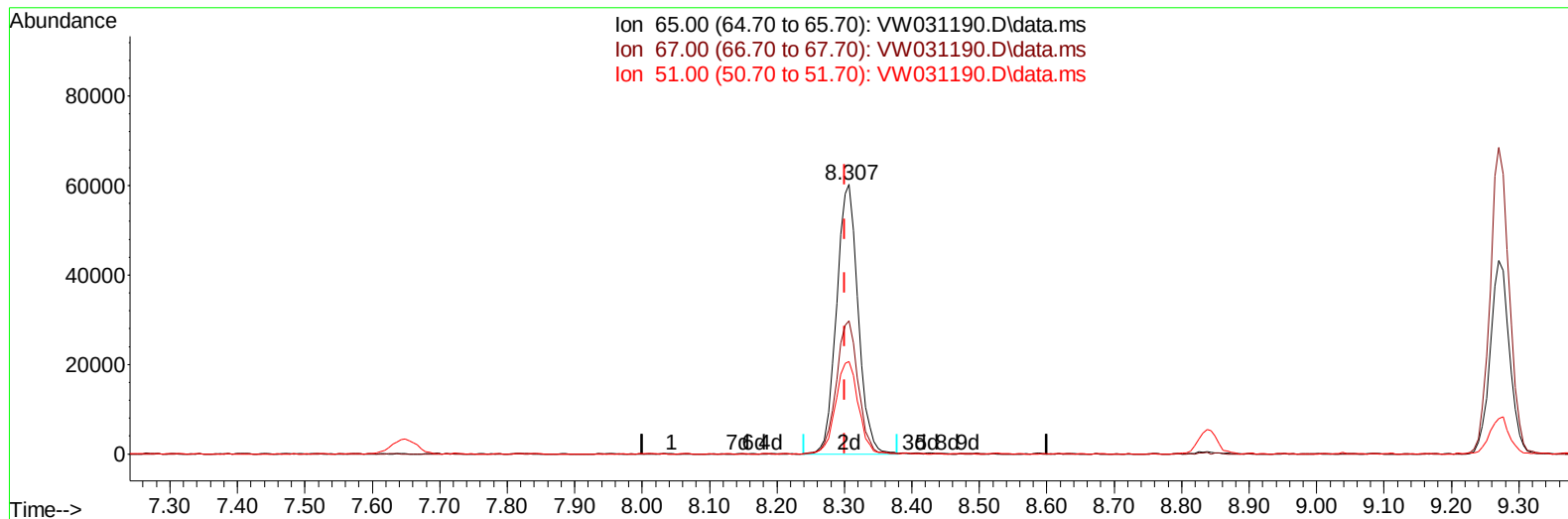
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 Data File : VW031190.D  
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 Operator : SY/MD  
 Sample : P5153-10  
 Misc : 9.69g/10mL/MSVOA\_W/SOIL/B  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 E28Q5

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:30:38 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: VW031190.D\data.ms

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

8.307min (+ 0.006) 20.53 ug/L m

response 132941

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 52.30  | 0.03#  |
| 51.00 | 104.20 | 0.05#  |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\Vw121024\  
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 Operator : SY/MD  
 Sample : P5153-10  
 Misc : 9.69g/10mL/MSVOA\_W/SOIL/B  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 E28Q5

Manual IntegrationsAPPROVED

Quant Time: Dec 11 00:30:38 2024  
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Reviewed By :Mahesh Dadoda 12/11/2024  
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| Compound                      | R.T.     | Q     | Ion | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------|-------|-----|------------|----------|-------|----------|
| -----                         |          |       |     |            |          |       |          |
| Internal Standards            |          |       |     |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.837    | 114   |     | 449224     | 25.000   | ug/L  | # 0.00   |
| 28) Chlorobenzene-d5          | 11.629   | 117   |     | 329879     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556   | 152   |     | 78041      | 25.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |          |       |     |            |          |       |          |
| 4) Vinyl Chloride-d3          | 2.363    | 65    |     | 91880      | 13.291   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 53.160%  |       |          |
| 7) Chloroethane-d5            | 2.893    | 69    |     | 80390      | 14.988   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 59.960%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.021    | 65    |     | 40904m     | 12.969   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 |     | Recovery = | 51.880%  |       |          |
| 21) 2-Butanone-d5             | 7.100    | 46    |     | 41564m     | 34.378   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 68.760%  |       |          |
| 24) Chloroform-d              | 7.648    | 84    |     | 225231     | 17.118   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 |     | Recovery = | 68.480%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.307    | 65    |     | 132941m    | 20.534   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 |     | Recovery = | 82.120%  |       |          |
| 32) Benzene-d6                | 8.270    | 84    |     | 347550     | 17.142   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 |     | Recovery = | 68.560%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.270    | 67    |     | 134449     | 22.638   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 |     | Recovery = | 90.560%  |       |          |
| 41) Toluene-d8                | 10.325   | 98    |     | 262528     | 14.348   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 |     | Recovery = | 57.400%  |       |          |
| 43) trans-1,3-Dichloroprop... | 10.575   | 79    |     | 39050      | 16.332   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 |     | Recovery = | 65.320%  |       |          |
| 47) 2-Hexanone-d5             | 10.928   | 63    |     | 25836      | 37.131   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 74.260%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    |     | 89161      | 22.245   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 |     | Recovery = | 88.960%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.849   | 152   |     | 44308      | 15.984   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 |     | Recovery = | 63.920%# |       |          |

Target Compounds Qvalue

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

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