

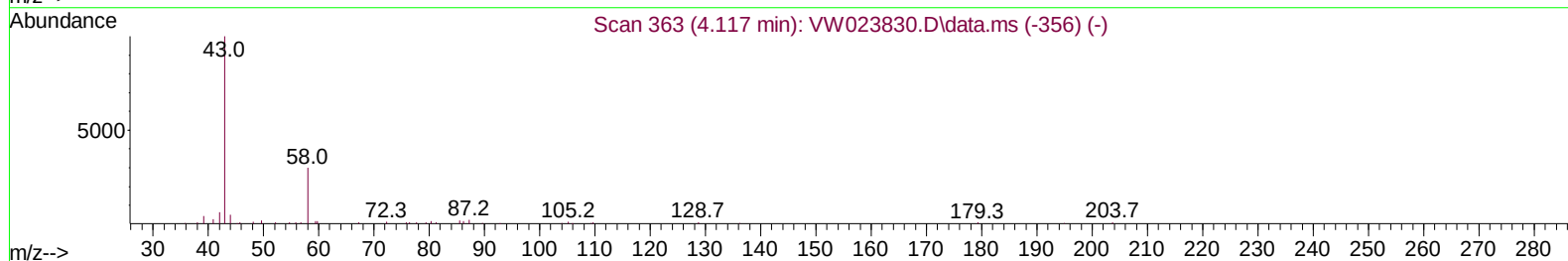
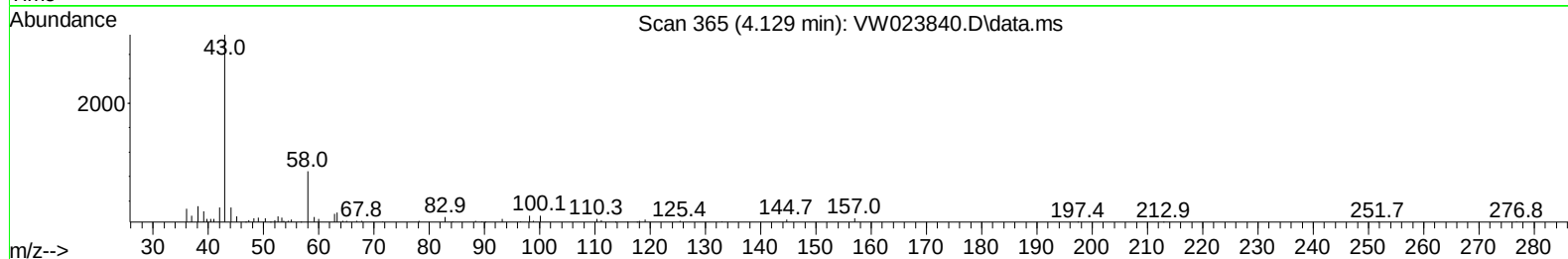
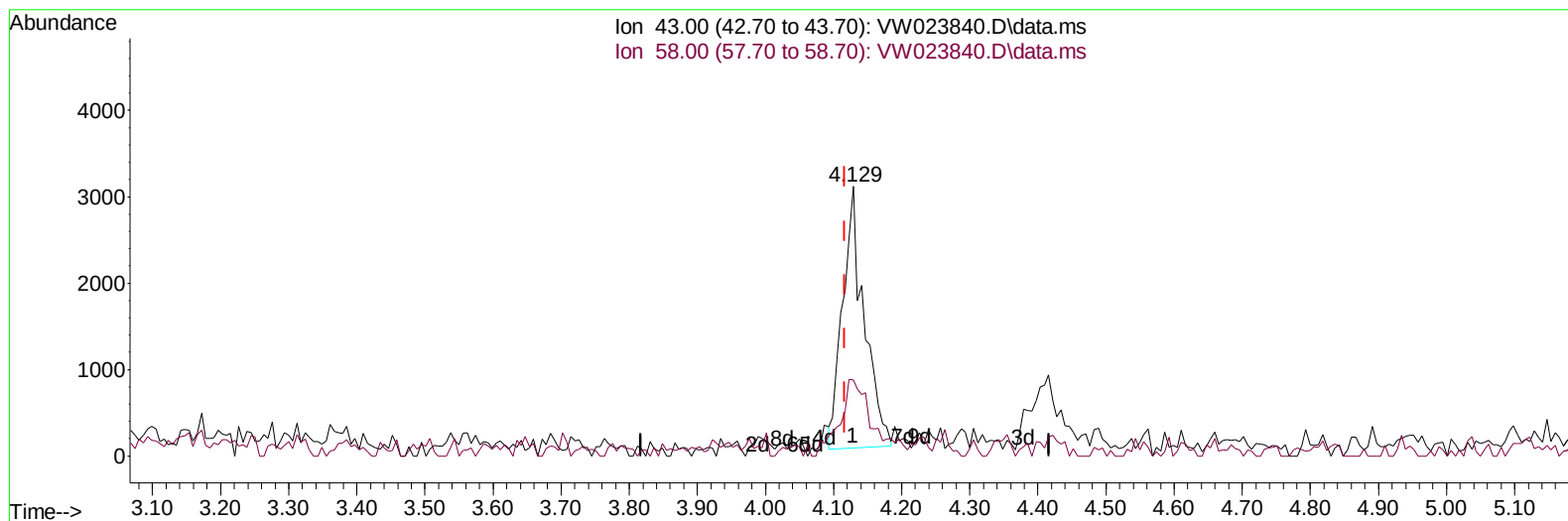
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071822\  
 Data File : VW023840.D  
 Acq On : 18 Jul 2022 14:28  
 Operator : SY/VA  
 Sample : N3702-04  
 Misc : 5.95g/10mL/MSVOA\_W/SoIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5B97

Manual IntegrationsAPPROVED

Quant Time: Jul 19 01:08:35 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Jul 19 01:05:58 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 07/19/2022  
 Supervised By :Mahesh Dadoda 07/20/2022



TIC: VW023840.D\data.ms

(13) Acetone (T)

4.129min (+ 0.012) 12.44 ug/L

response 6628

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 32.10  | 29.30  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

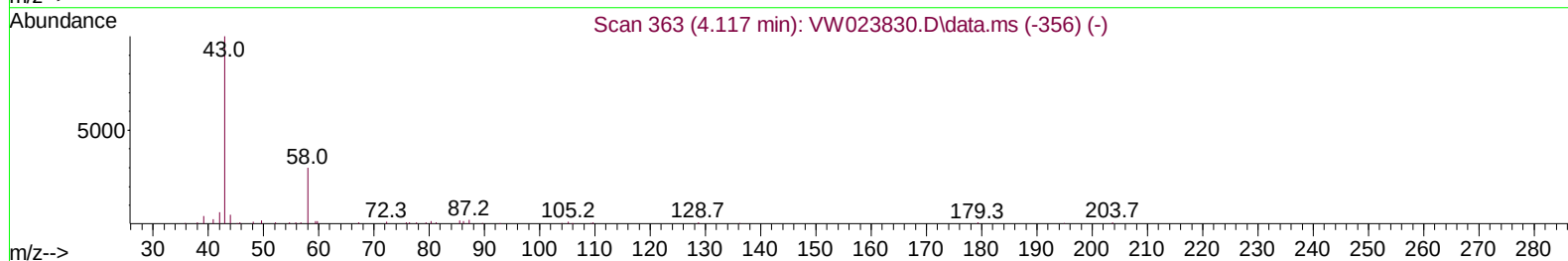
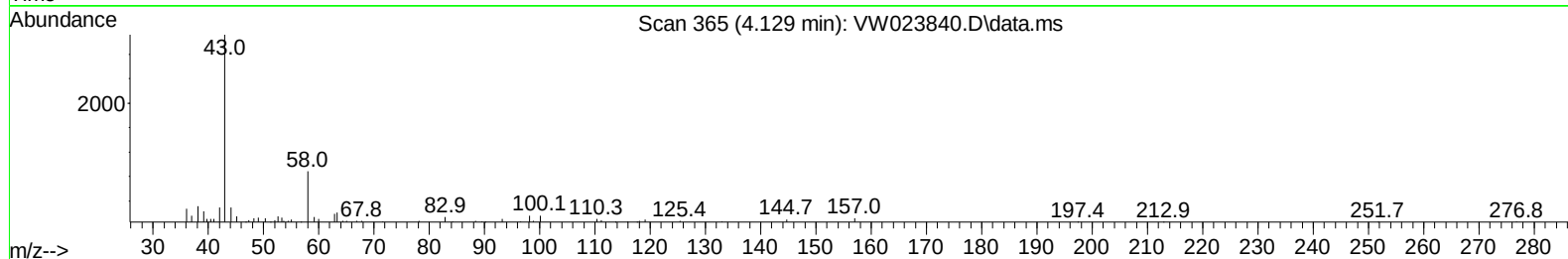
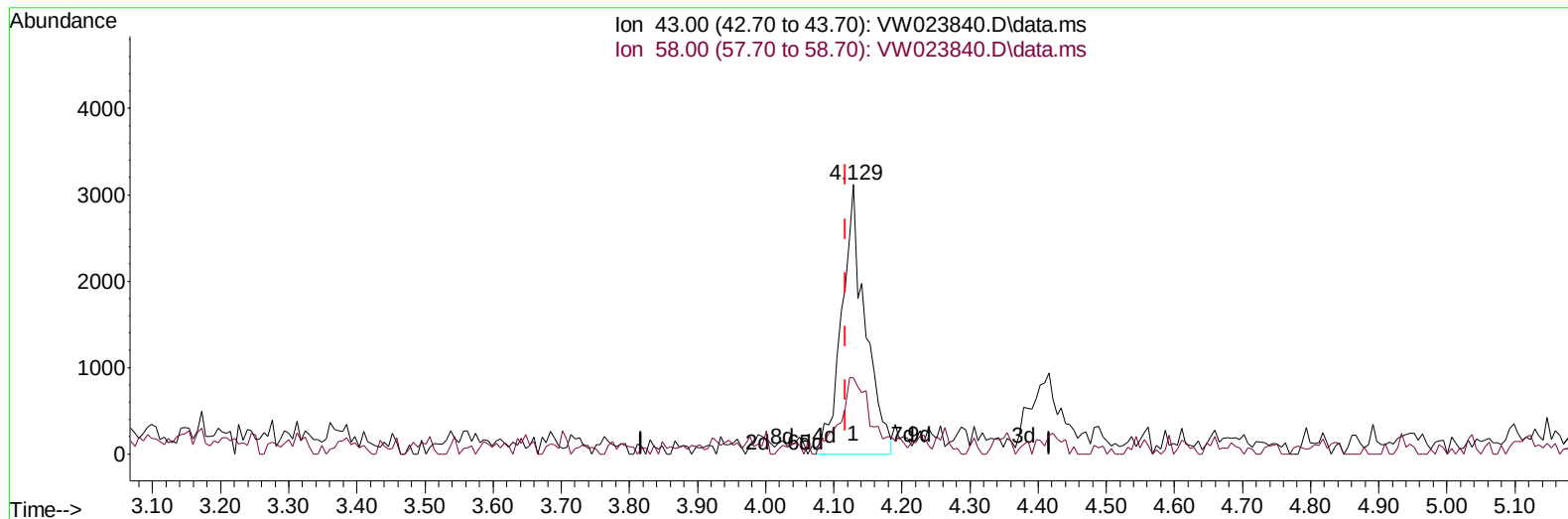
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071822\  
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Manual IntegrationsAPPROVED

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
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TIC: VW023840.D\data.ms

(13) Acetone (T)

4.129min (+ 0.012) 13.98 ug/L m

response 7451

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 32.10  | 26.06  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

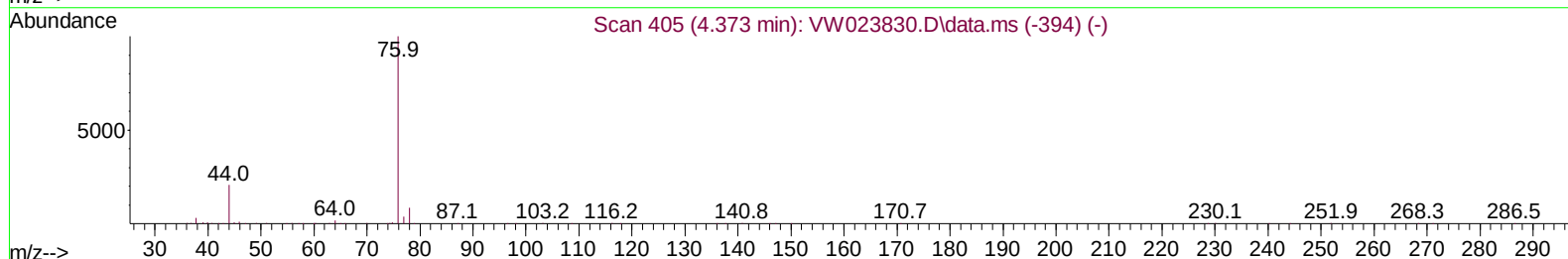
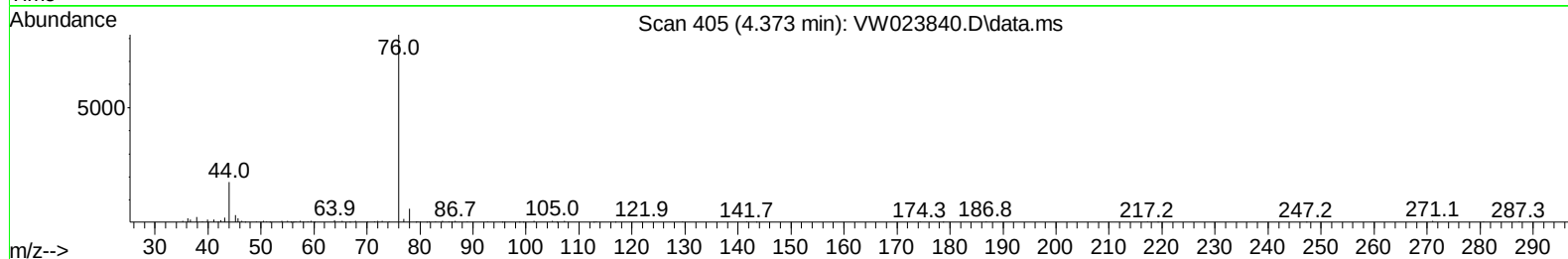
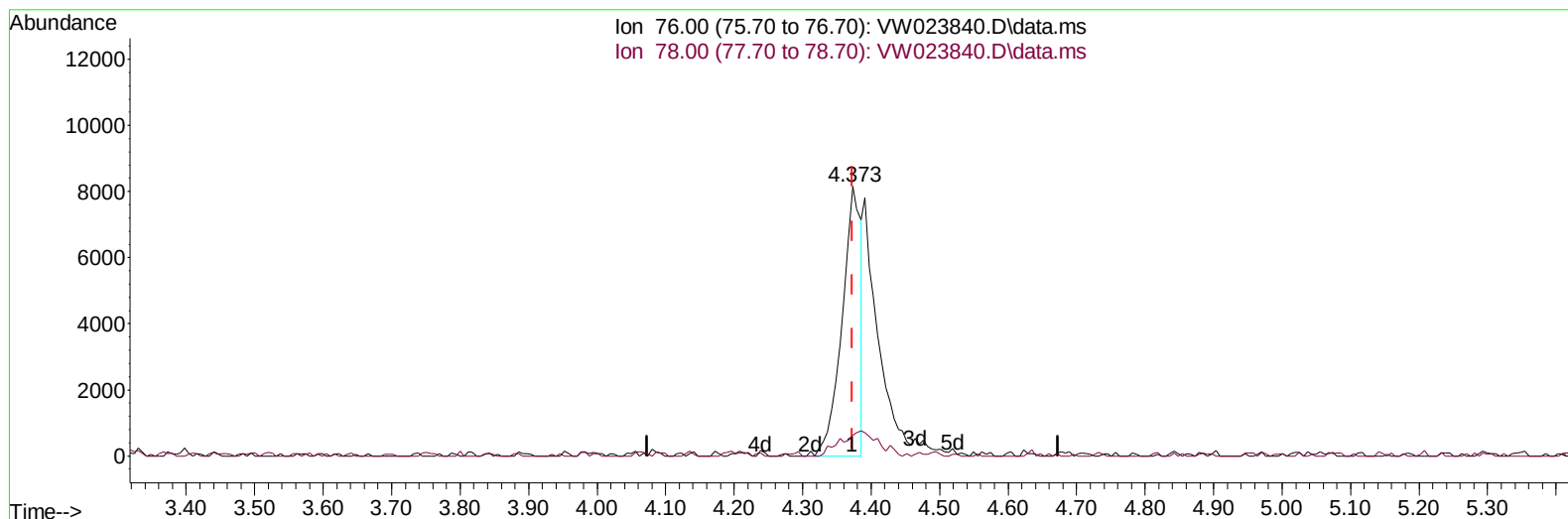
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071822\  
 Data File : VW023840.D  
 Acq On : 18 Jul 2022 14:28  
 Operator : SY/VA  
 Sample : N3702-04  
 Misc : 5.95g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5B97

## Manual IntegrationsAPPROVED

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 Supervised By :Mahesh Dadoda 07/20/2022

Quant Time: Jul 19 01:08:35 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Jul 19 01:05:58 2022  
 Response via : Initial Calibration



TIC: VW023840.D\data.ms

## (14) Carbon disulfide (T)

4.373min (-0.000) 2.62 ug/L

response 15547

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 76.00 | 100.00 | 100.00 |
| 78.00 | 9.00   | 7.74   |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

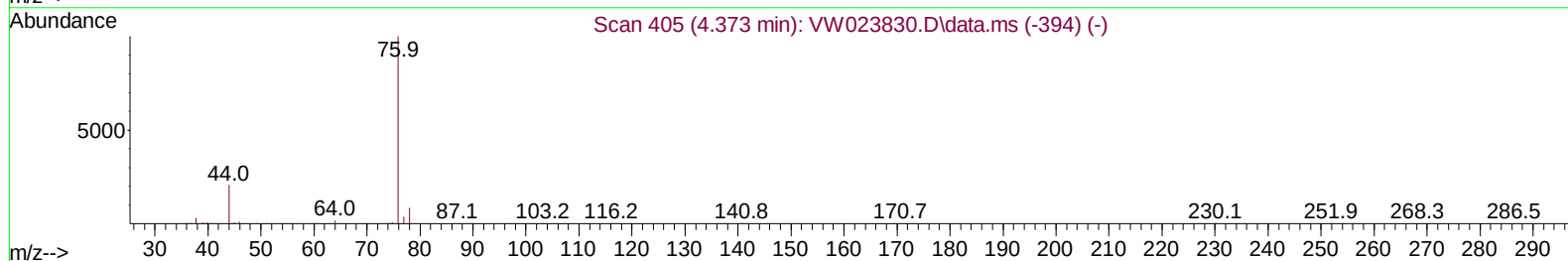
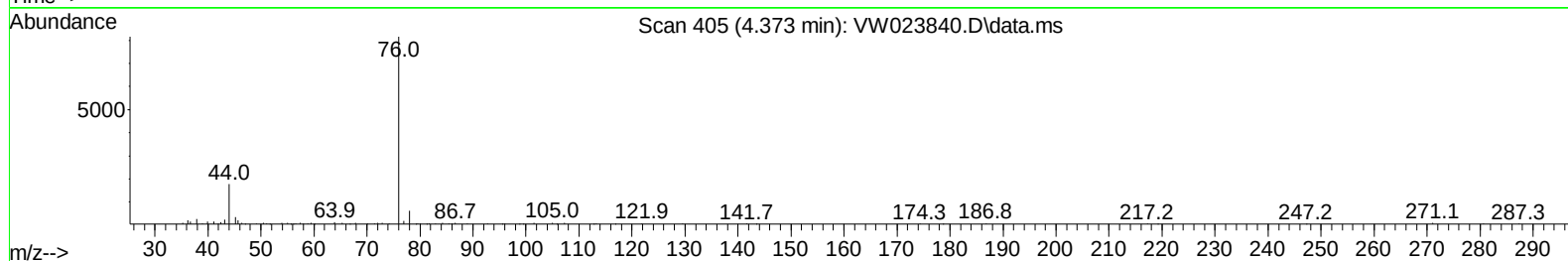
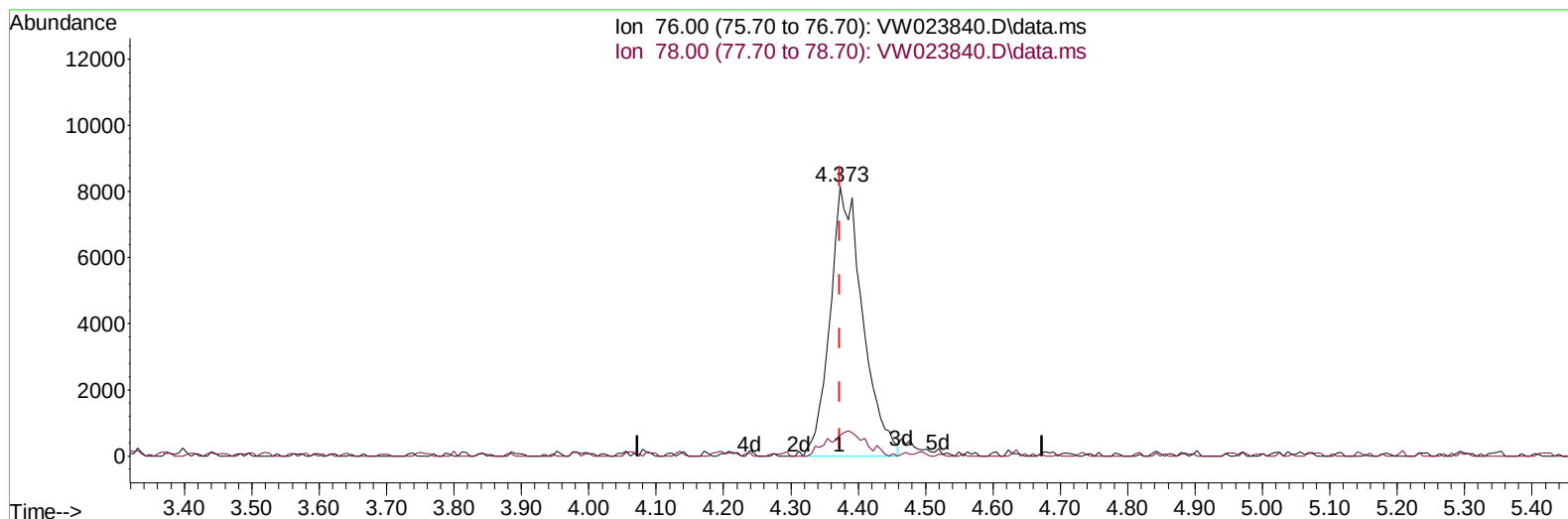
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071822\  
 Data File : VW023840.D  
 Acq On : 18 Jul 2022 14:28  
 Operator : SY/VA  
 Sample : N3702-04  
 Misc : 5.95g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5B97

Manual IntegrationsAPPROVED

Quant Time: Jul 19 01:08:35 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
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TIC: VW023840.D\data.ms

**(14) Carbon disulfide (T)**

4.373min (-0.000) 4.59 ug/L m

response 27230

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 76.00 | 100.00 | 100.00 |
| 78.00 | 9.00   | 7.74   |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

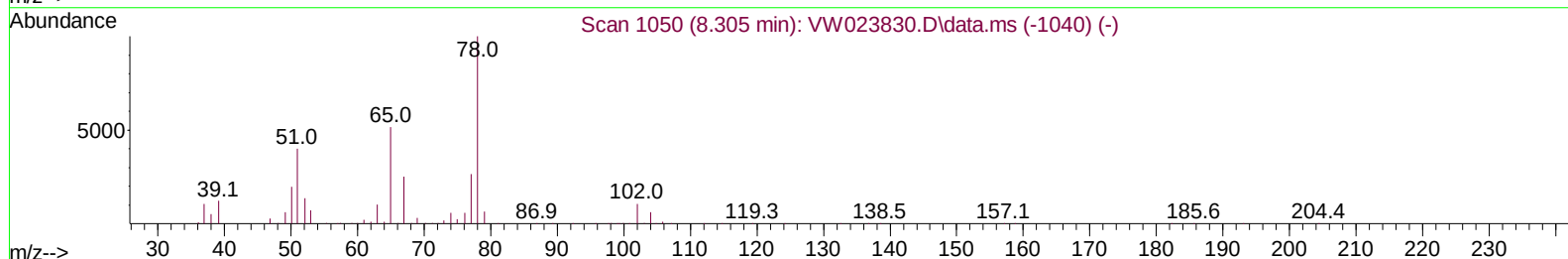
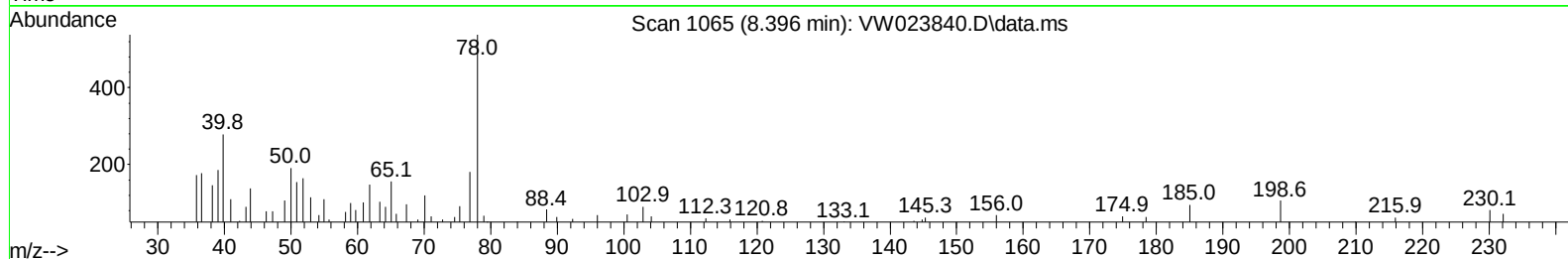
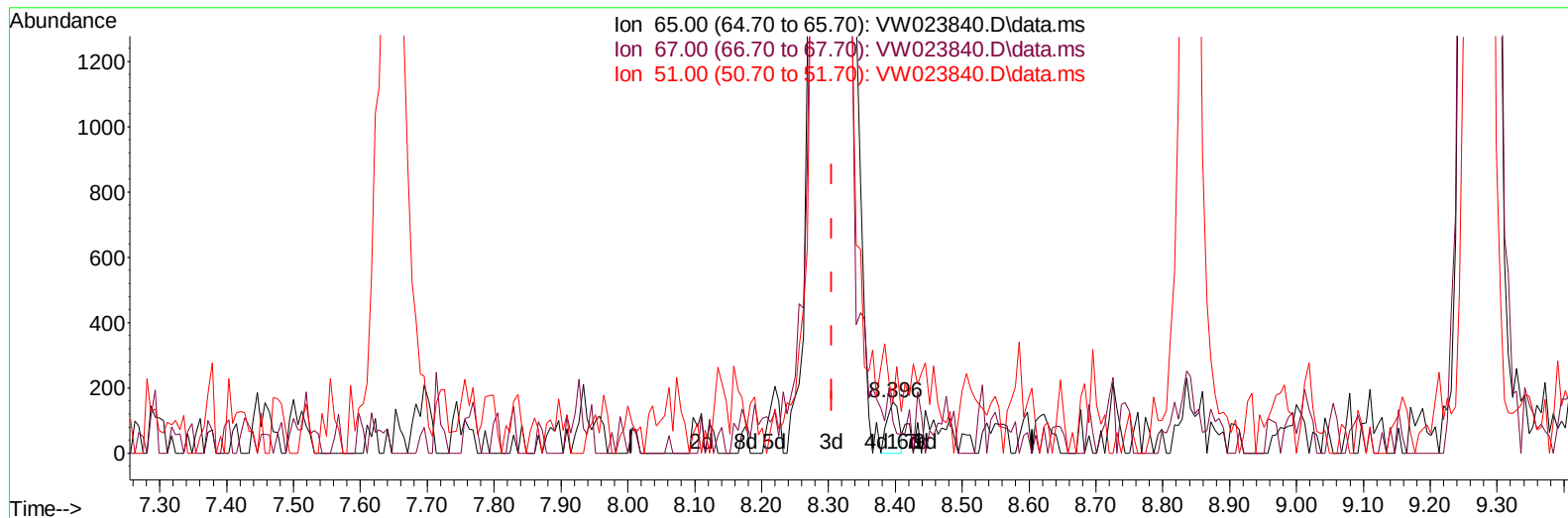
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071822\  
 Data File : VW023840.D  
 Acq On : 18 Jul 2022 14:28  
 Operator : SY/VA  
 Sample : N3702-04  
 Misc : 5.95g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5B97

Manual IntegrationsAPPROVED

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 Quant Title : SFAM01.0  
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Reviewed By :Semsettin Yesilyurt 07/19/2022  
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TIC: VW023840.D\data.ms

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

**8.396min (+ 0.091) 0.06 ug/L**

**response 203**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 49.70  | 45.81  |
| 51.00 | 92.20  | 70.94  |
| 0.00  | 0.00   | 0.00   |

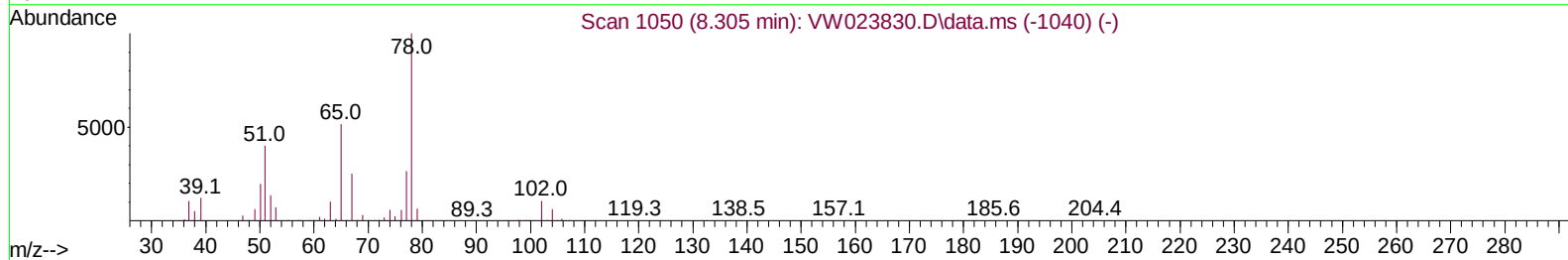
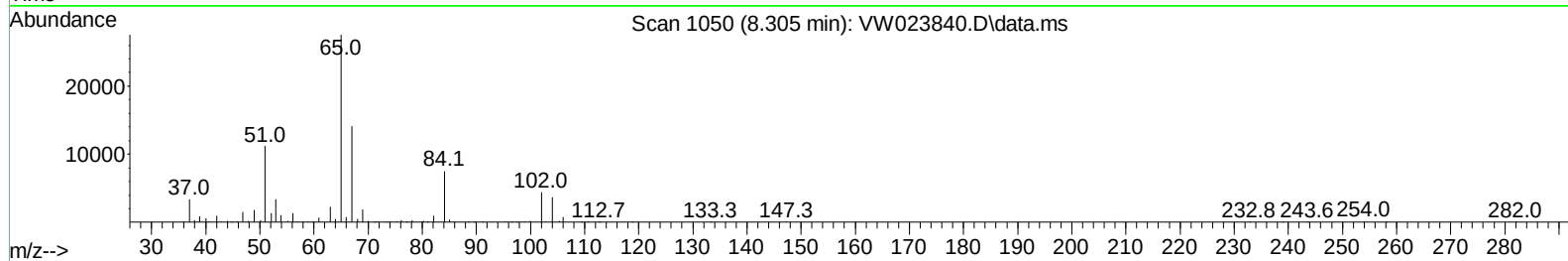
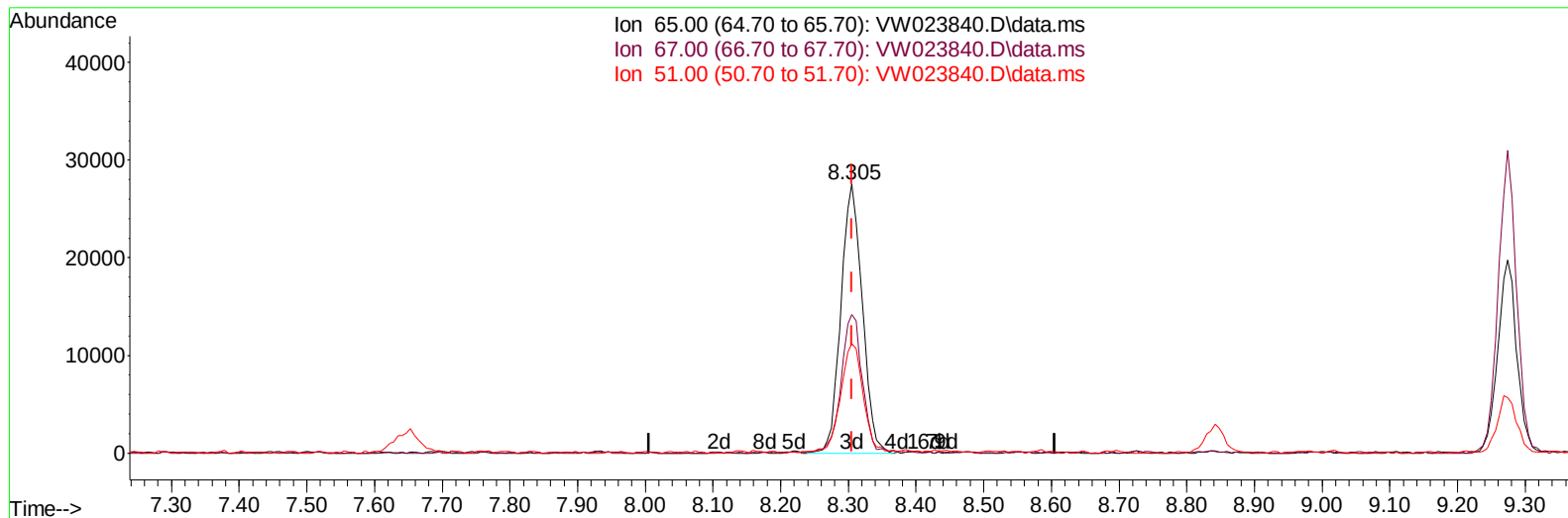
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071822\  
 Data File : VW023840.D  
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 Operator : SY/VA  
 Sample : N3702-04  
 Misc : 5.95g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5B97

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 07/19/2022  
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Quant Time: Jul 19 01:08:35 2022  
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 Quant Title : SFAM01.0  
 QLast Update : Tue Jul 19 01:05:58 2022  
 Response via : Initial Calibration



TIC: VW023840.D\data.ms

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

8.305min (-0.000) 17.82 ug/L m

response 60355

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 49.70  | 0.15#  |
| 51.00 | 92.20  | 0.24#  |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071822\  
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 Sample : N3702-04  
 Misc : 5.95g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5B97

Manual IntegrationsAPPROVED

Quant Time: Jul 19 01:08:35 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Jul 19 01:05:58 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 07/19/2022  
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| Compound                      | R.T.     | Q     | Ion | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|----------|-------|-----|----------|--------|----------|----------|
| -----                         |          |       |     |          |        |          |          |
| Internal Standards            |          |       |     |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.842    | 114   |     | 190237   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.628   | 117   |     | 177393   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554   | 152   |     | 77640    | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |     |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.349    | 65    |     | 81033    | 16.678 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery | =      | 66.720%  |          |
| 7) Chloroethane-d5            | 2.879    | 69    |     | 71418    | 22.033 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery | =      | 88.120%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.007    | 63    |     | 39381    | 9.953  | ug/L     | -0.01    |
| Spiked Amount 25.000          | Range 45 | - 110 |     | Recovery | =      | 39.800%# |          |
| 21) 2-Butanone-d5             | 7.080    | 46    |     | 35215    | 46.726 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery | =      | 93.460%  |          |
| 24) Chloroform-d              | 7.653    | 84    |     | 100222   | 18.095 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 |     | Recovery | =      | 72.360%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.305    | 65    |     | 60355m   | 17.817 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 |     | Recovery | =      | 71.280%  |          |
| 32) Benzene-d6                | 8.268    | 84    |     | 173834   | 18.851 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 |     | Recovery | =      | 75.400%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.274    | 67    |     | 58575    | 21.088 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 |     | Recovery | =      | 84.360%  |          |
| 41) Toluene-d8                | 10.323   | 98    |     | 154856   | 16.556 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 |     | Recovery | =      | 66.240%  |          |
| 43) trans-1,3-Dichloroprop... | 10.579   | 79    |     | 21467    | 16.488 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 |     | Recovery | =      | 65.960%  |          |
| 47) 2-Hexanone-d5             | 10.927   | 63    |     | 27427    | 46.957 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery | =      | 93.920%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695   | 84    |     | 63540    | 20.699 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 |     | Recovery | =      | 82.800%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853   | 152   |     | 52302    | 18.871 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 |     | Recovery | =      | 75.480%  |          |
| Target Compounds              |          |       |     |          |        |          |          |
| 13) Acetone                   | 4.129    | 43    |     | 7451m    | 13.984 | ug/L     | Qvalue   |
| 14) Carbon disulfide          | 4.373    | 76    |     | 27230m   | 4.590  | ug/L     |          |
| -----                         |          |       |     |          |        |          |          |

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

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