

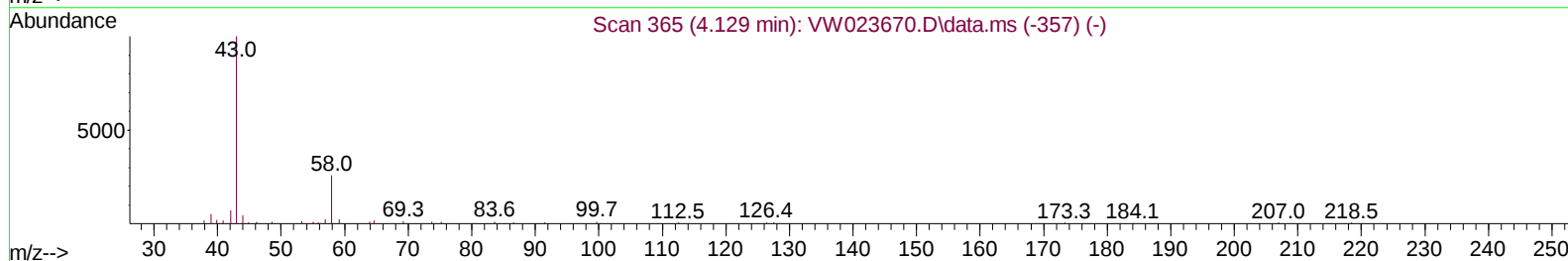
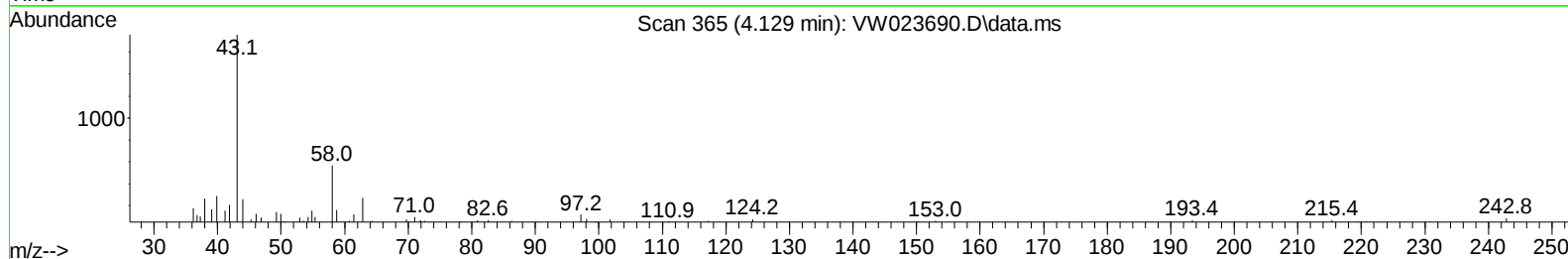
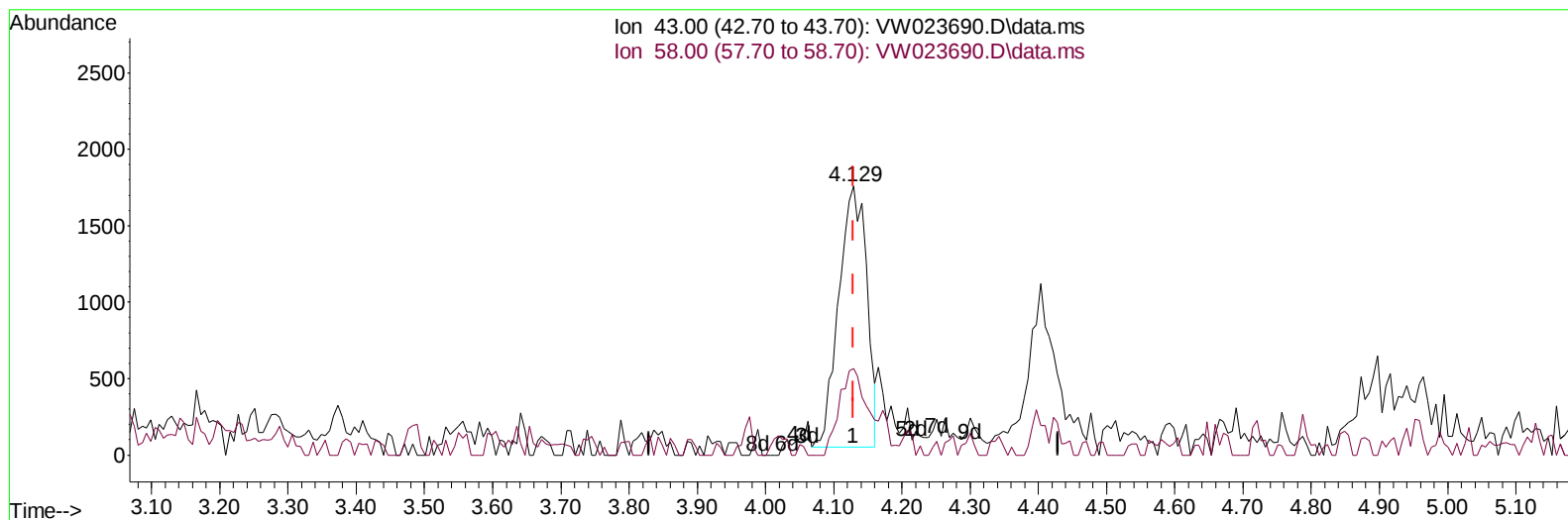
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071322\  
 Data File : VW023690.D  
 Acq On : 14 Jul 2022 10:01  
 Operator : SY/VA  
 Sample : N3698-09  
 Misc : 5.57g/10mL/MSVOA\_W/SoIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5B74

Manual IntegrationsAPPROVED

Quant Time: Jul 15 01:32:54 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Jul 14 04:56:40 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 07/15/2022  
 Supervised By :Mahesh Dadoda 07/15/2022



TIC: VW023690.D\data.ms

(13) Acetone (T)

4.129min (+ 0.000) 7.83 ug/L

response 4844

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 32.10  | 33.46  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

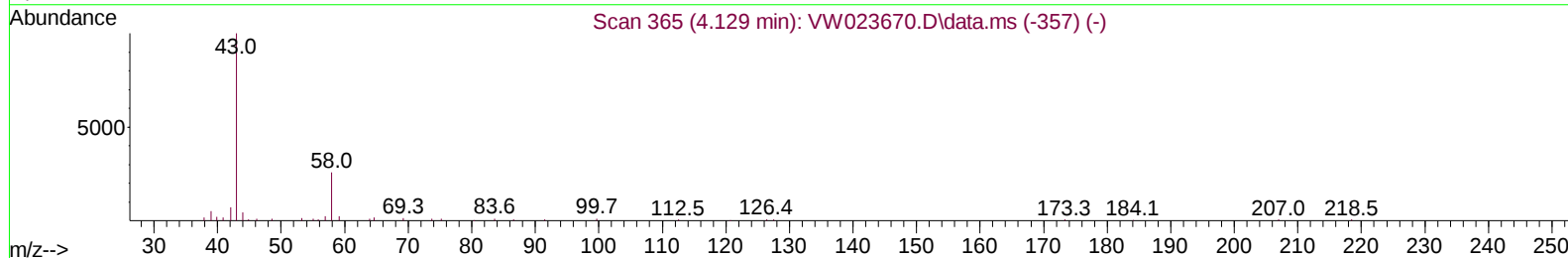
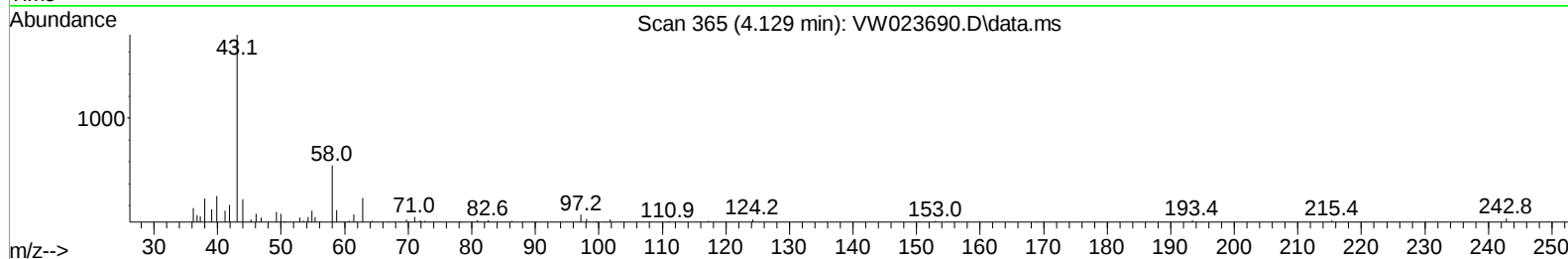
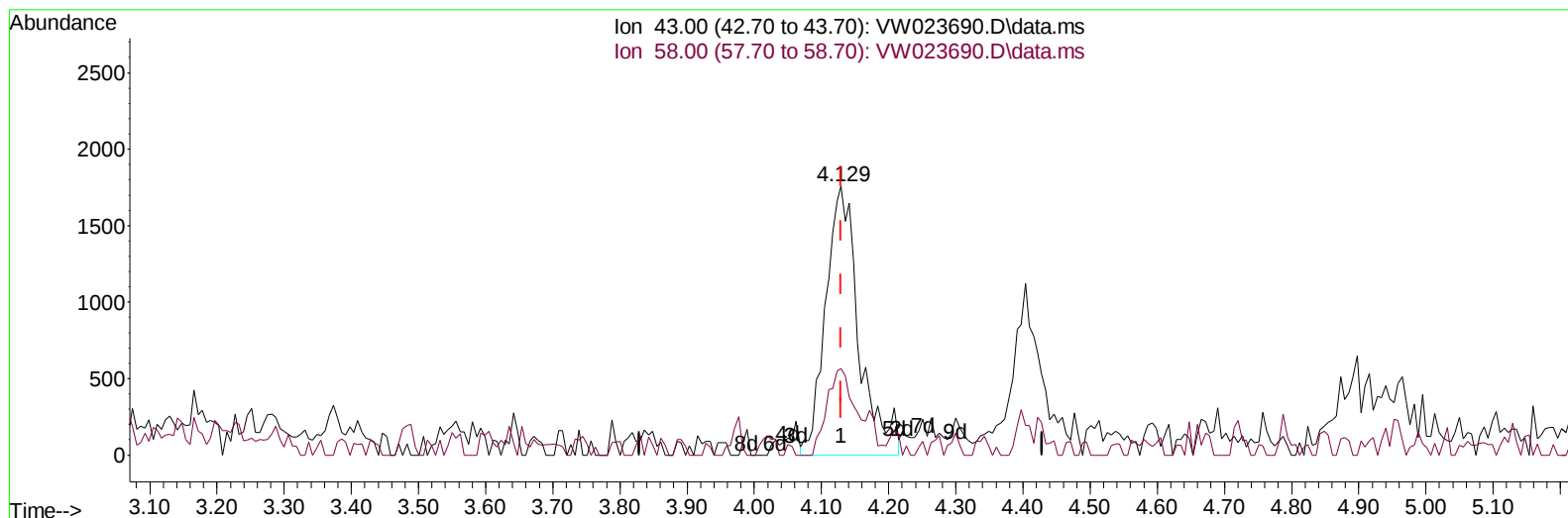
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TIC: VW023690.D\data.ms

(13) Acetone (T)

4.129min (+ 0.000) 9.74 ug/L m

response 6023

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 32.10  | 26.91  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

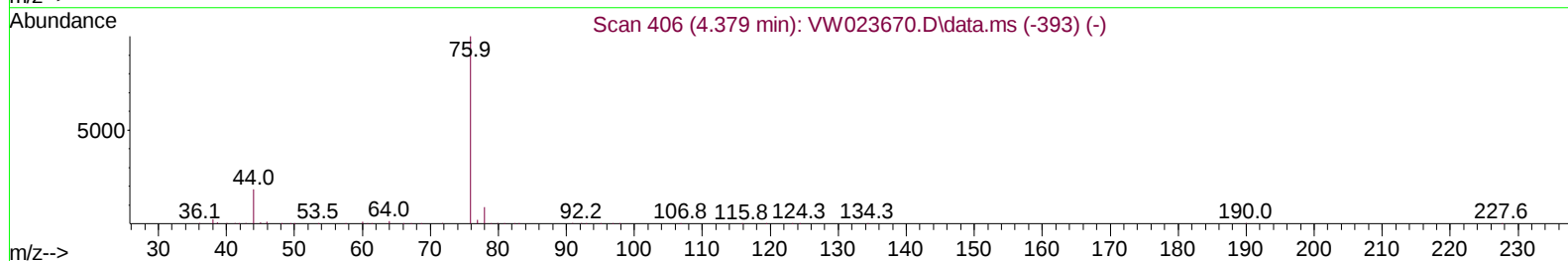
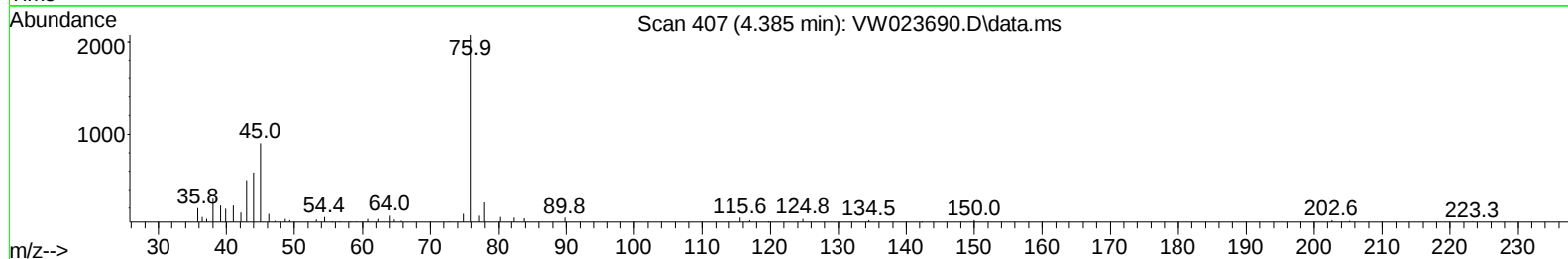
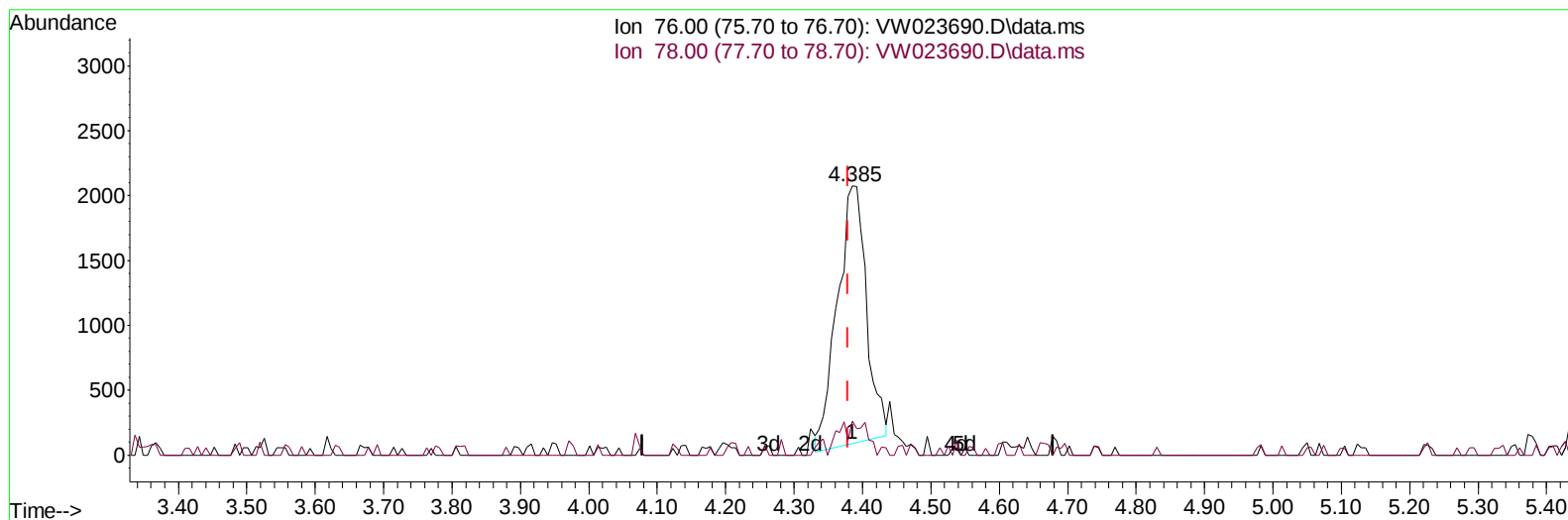
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Data File : VW023690.D  
Acq On : 14 Jul 2022 10:01  
Operator : SY/VA  
Sample : N3698-09  
Misc : 5.57g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
F5B74

## Manual IntegrationsAPPROVED

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Quant Title : SFAM01.0  
QLast Update : Thu Jul 14 04:56:40 2022  
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TIC: VW023690.D\data.ms

## (14) Carbon disulfide (T)

4.385min (+ 0.006) 0.85 ug/L

response 5867

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 76.00 | 100.00 | 100.00 |
| 78.00 | 9.00   | 12.69# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

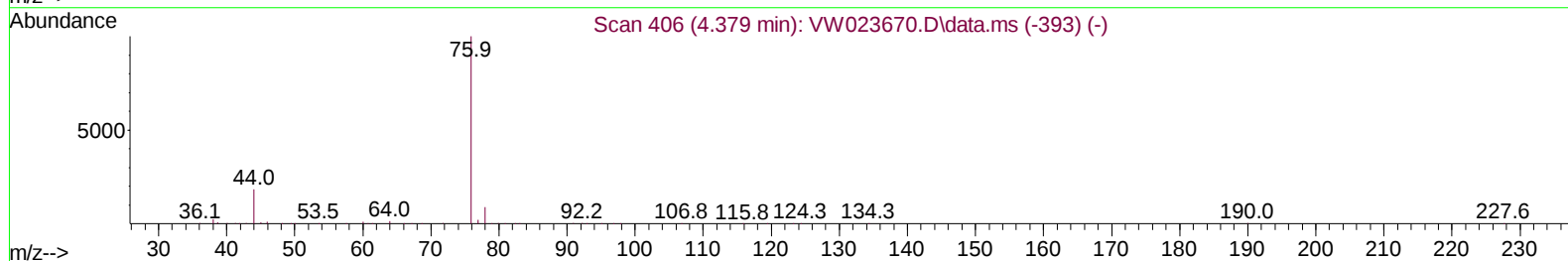
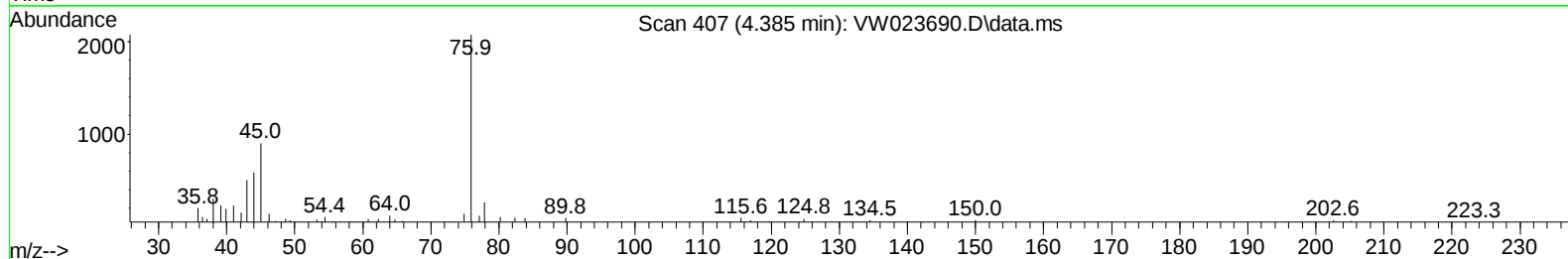
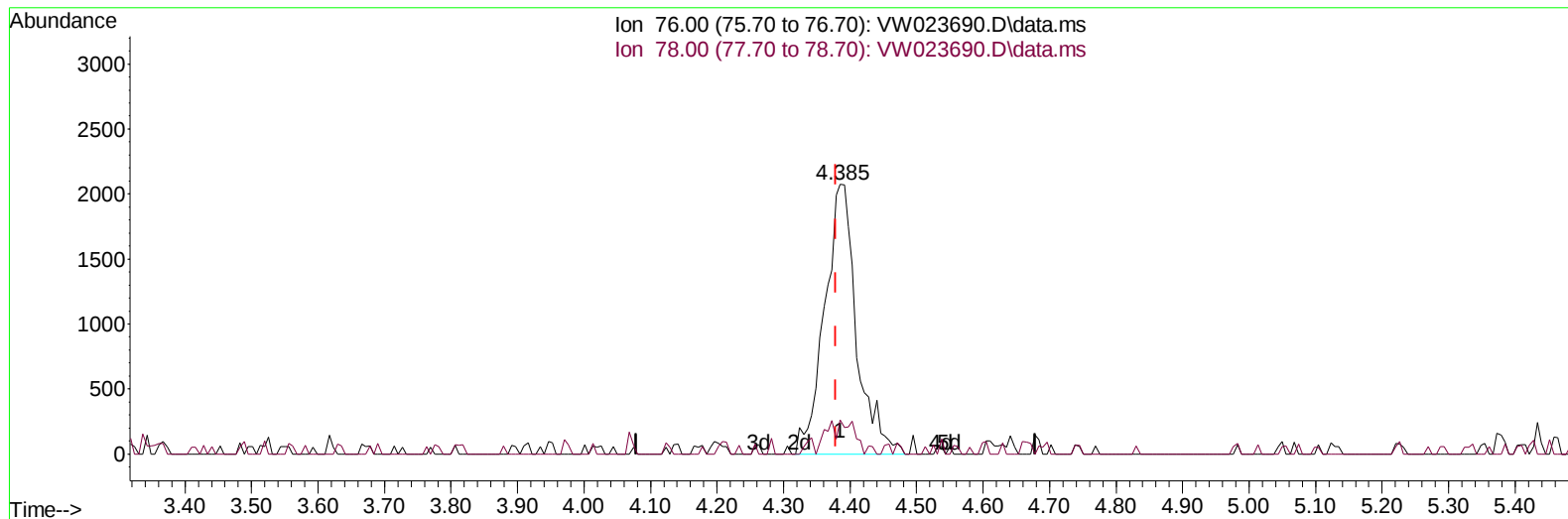
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 Misc : 5.57g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5B74

Manual IntegrationsAPPROVED

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 Quant Title : SFAM01.0  
 QLast Update : Thu Jul 14 04:56:40 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 07/15/2022  
 Supervised By :Mahesh Dadoda 07/15/2022



TIC: VW023690.D\data.ms

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

**4.385min (+ 0.006) 1.00 ug/L m**

**response 6914**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 76.00 | 100.00 | 100.00 |
| 78.00 | 9.00   | 12.69# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

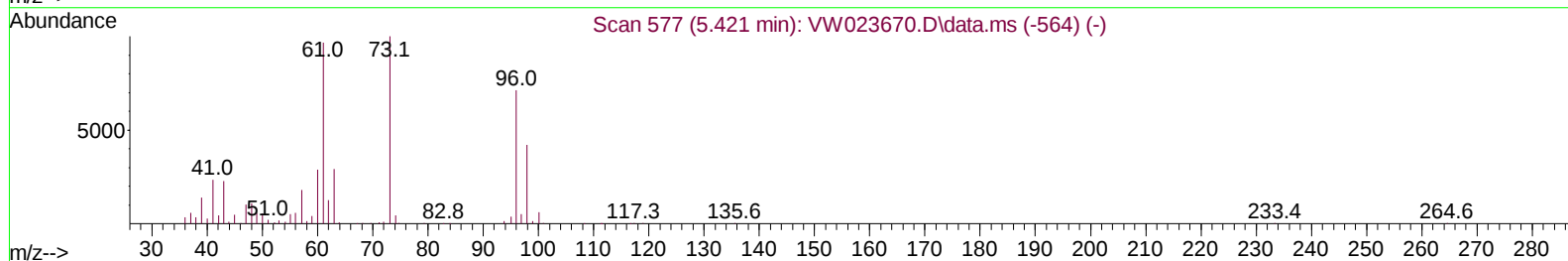
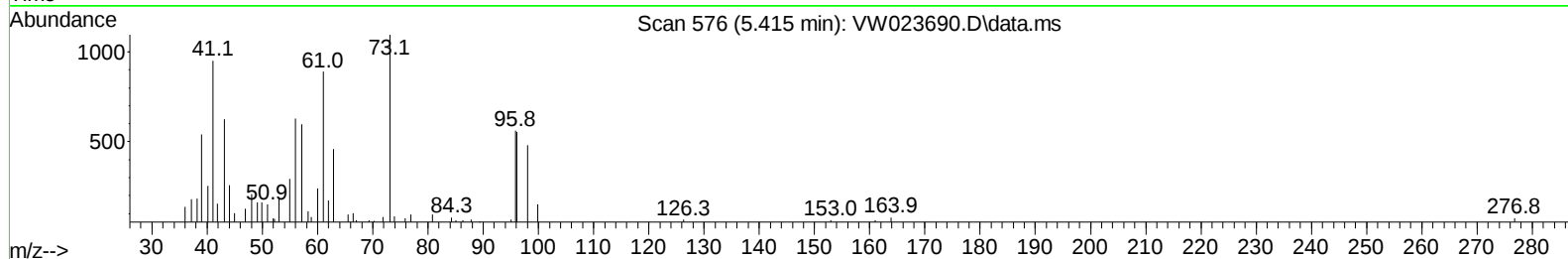
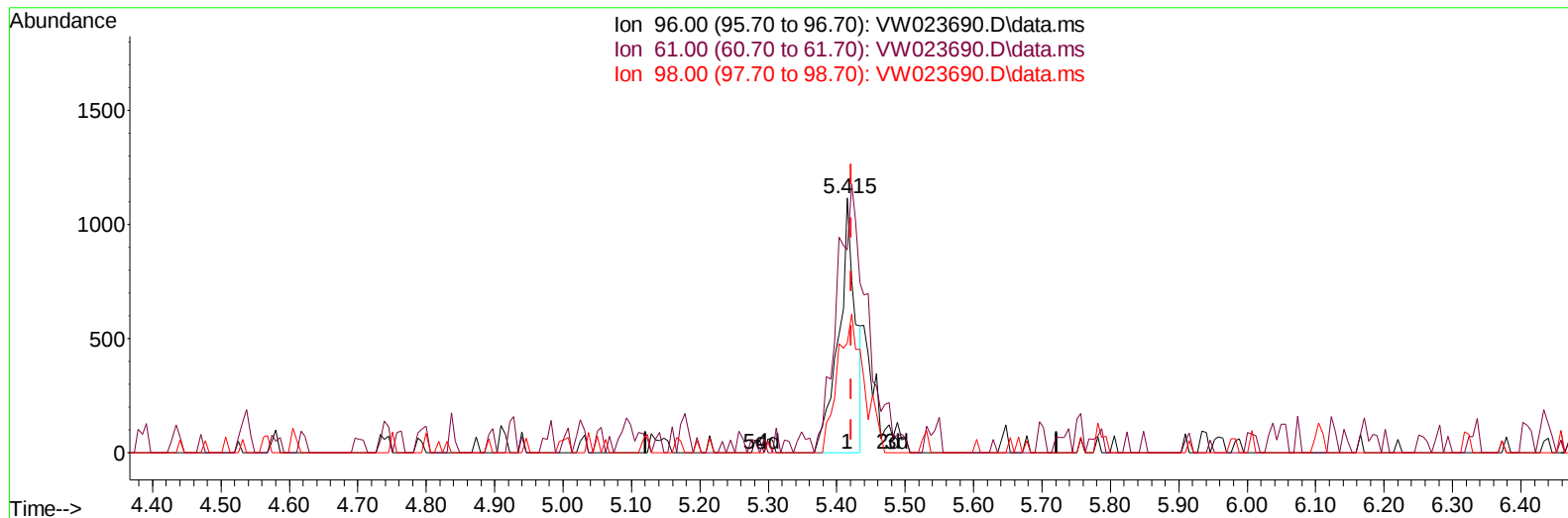
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Data File : VW023690.D  
Acq On : 14 Jul 2022 10:01  
Operator : SY/VA  
Sample : N3698-09  
Misc : 5.57g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
F5B74

## Manual IntegrationsAPPROVED

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TIC: VW023690.D\data.ms

## (17) trans-1,2-Dichloroethene (T)

5.415min (-0.006) 0.67 ug/L

response 1892

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 129.70 | 79.75# |
| 98.00 | 61.20  | 43.01  |
| 0.00  | 0.00   | 0.00   |

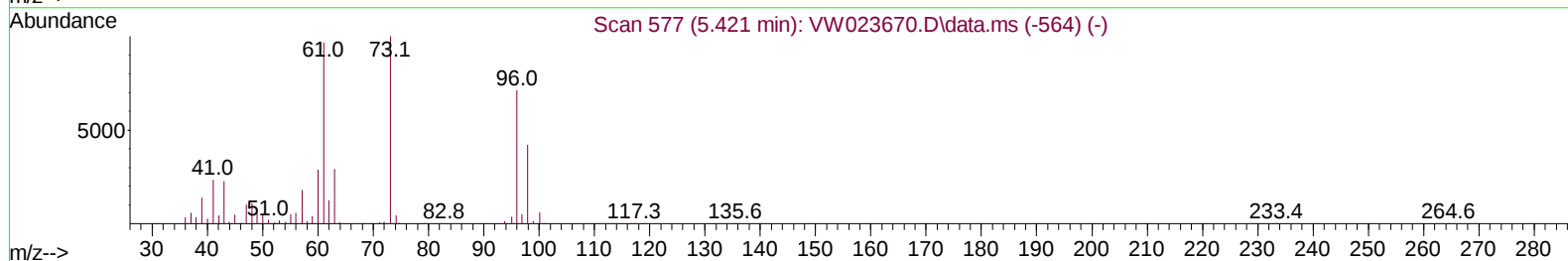
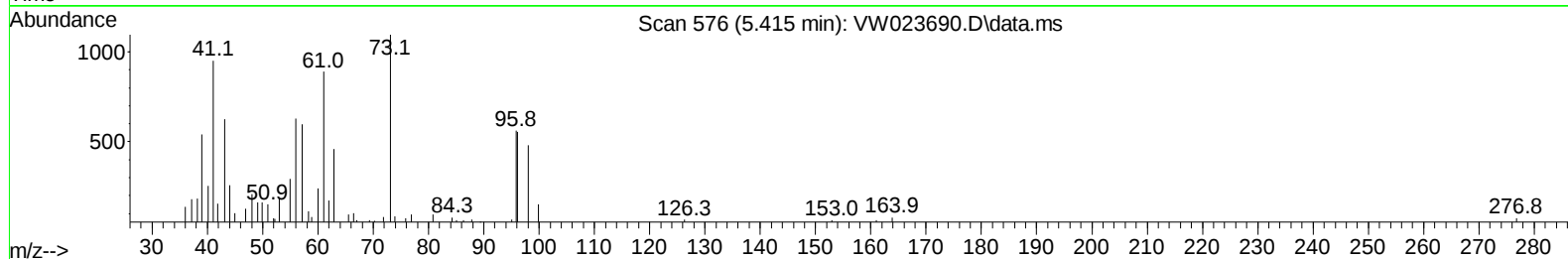
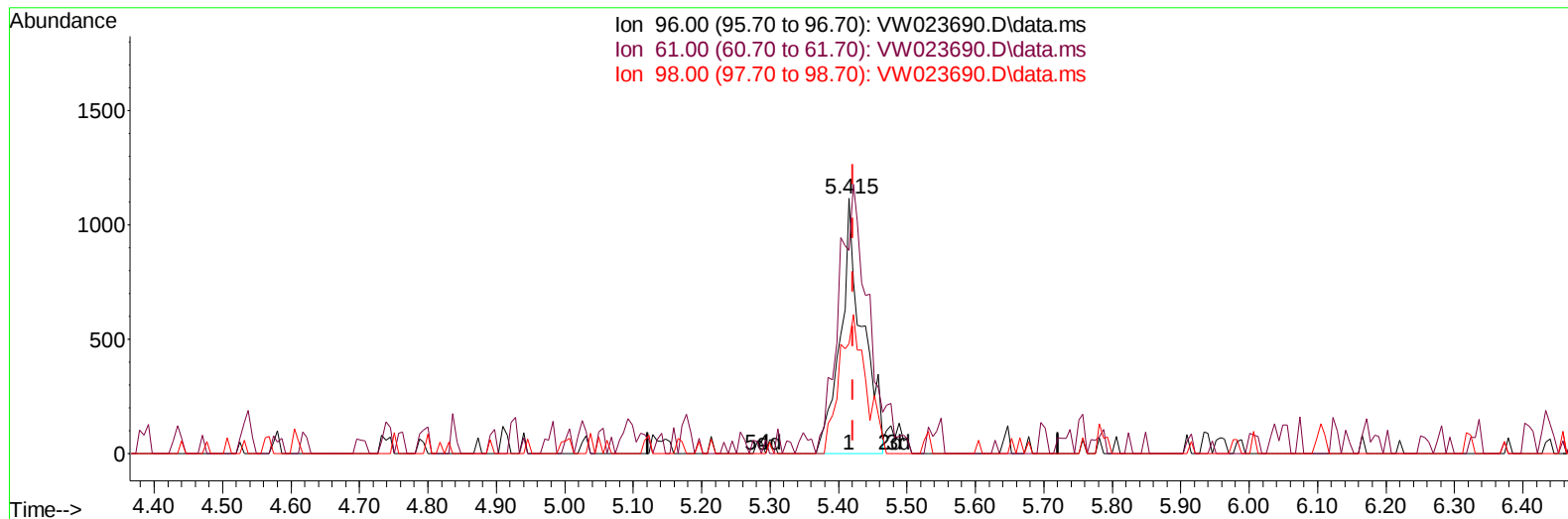
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Data File : VW023690.D  
Acq On : 14 Jul 2022 10:01  
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Misc : 5.57g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
F5B74

## Manual IntegrationsAPPROVED

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Quant Time: Jul 15 01:32:54 2022  
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Quant Title : SFAM01.0  
QLast Update : Thu Jul 14 04:56:40 2022  
Response via : Initial Calibration



TIC: VW023690.D\data.ms

## (17) trans-1,2-Dichloroethene (T)

5.415min (-0.006) 0.88 ug/L m

response 2495

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 129.70 | 158.36 |
| 98.00 | 61.20  | 85.41# |
| 0.00  | 0.00   | 0.00   |

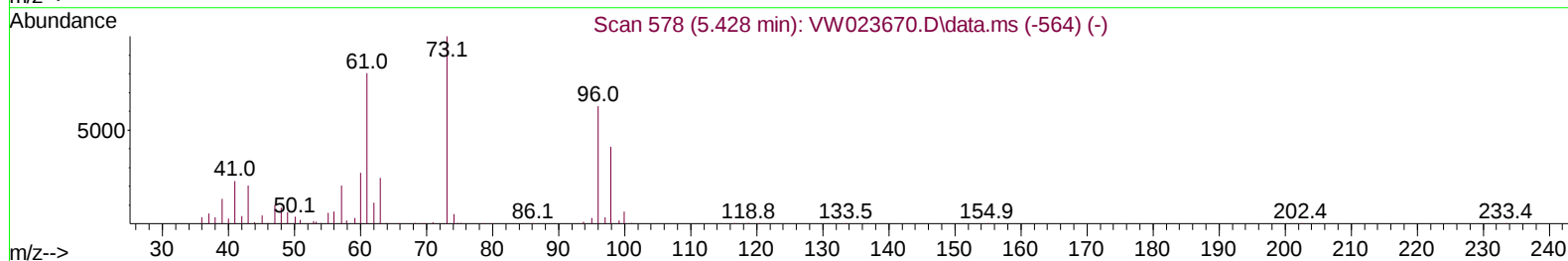
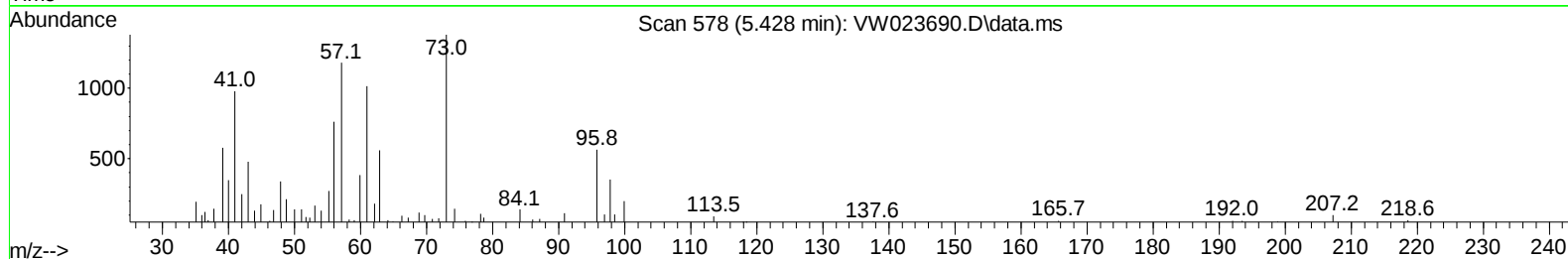
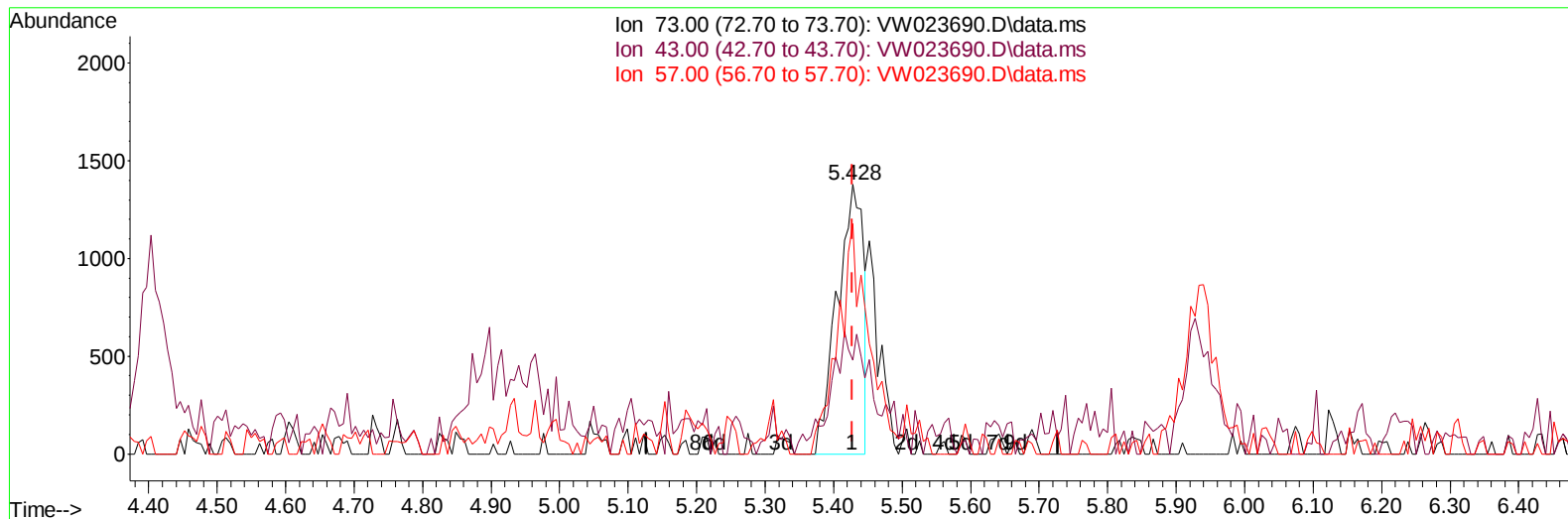
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Data File : VW023690.D  
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Sample : N3698-09  
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ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
F5B74

## Manual IntegrationsAPPROVED

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Quant Title : SFAM01.0  
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TIC: VW023690.D\data.ms

## (18) Methyl tert-butyl Ether (T)

5.428min (+ 0.000) 0.84 ug/L

response 3671

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 73.00 | 100.00 | 100.00 |
| 43.00 | 22.00  | 13.89# |
| 57.00 | 21.00  | 60.66# |
| 0.00  | 0.00   | 0.00   |

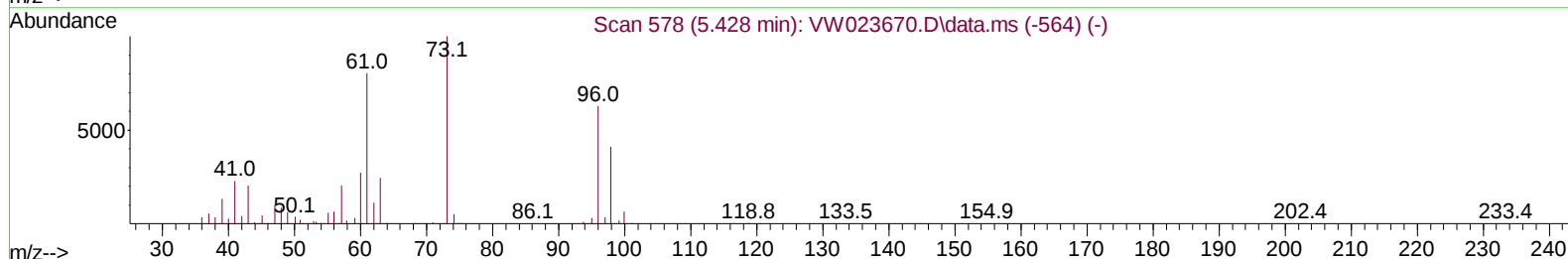
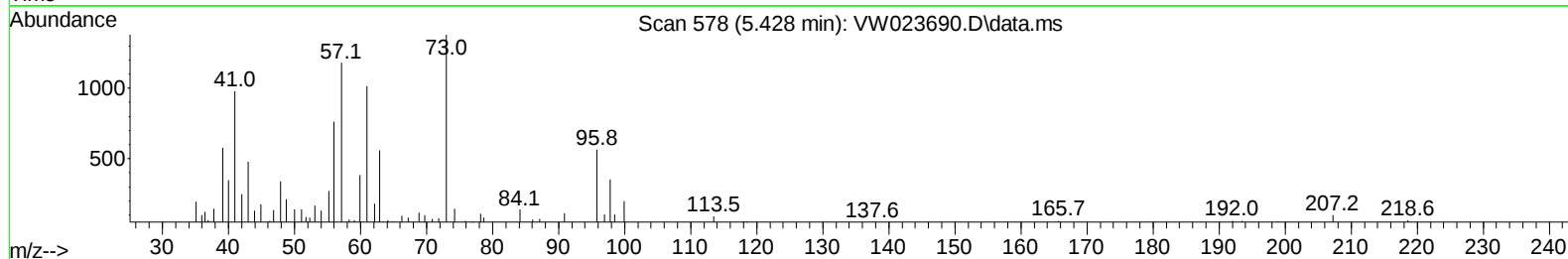
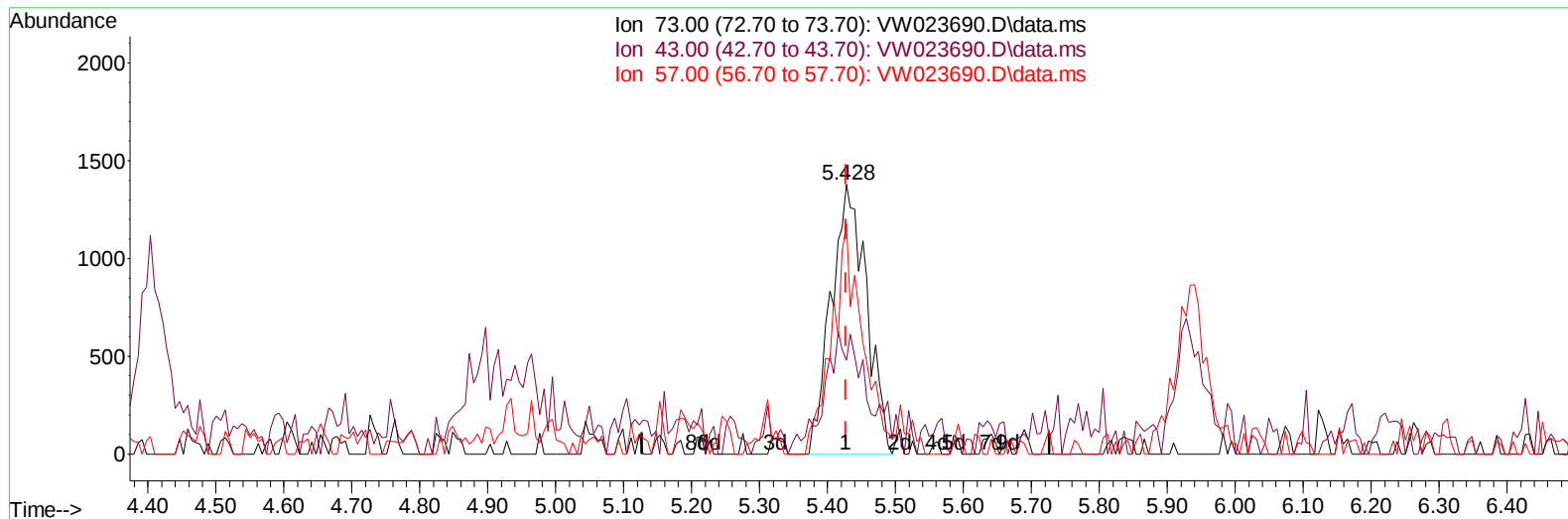
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Data File : VW023690.D  
Acq On : 14 Jul 2022 10:01  
Operator : SY/VA  
Sample : N3698-09  
Misc : 5.57g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
F5B74

Manual IntegrationsAPPROVED

Quant Time: Jul 15 01:32:54 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Jul 14 04:56:40 2022  
Response via : Initial Calibration

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Supervised By :Mahesh Dadoda 07/15/2022



TIC: VW023690.D\data.ms

(18) Methyl tert-butyl Ether (T)

5.428min (+ 0.000) 1.13 ug/L m

response 4977

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 73.00 | 100.00 | 100.00 |
| 43.00 | 22.00  | 10.25# |
| 57.00 | 21.00  | 44.75# |
| 0.00  | 0.00   | 0.00   |

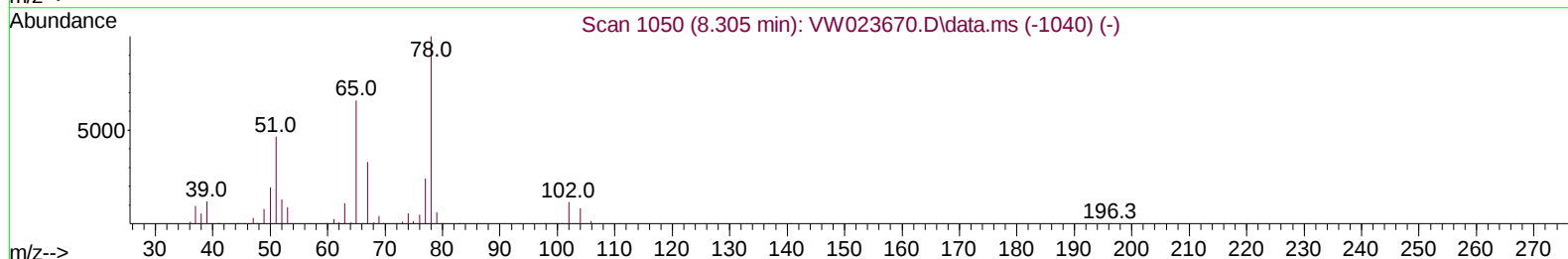
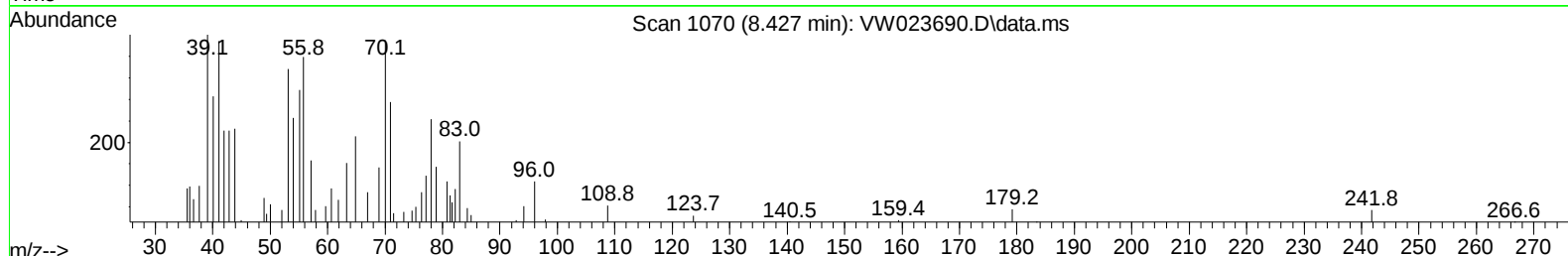
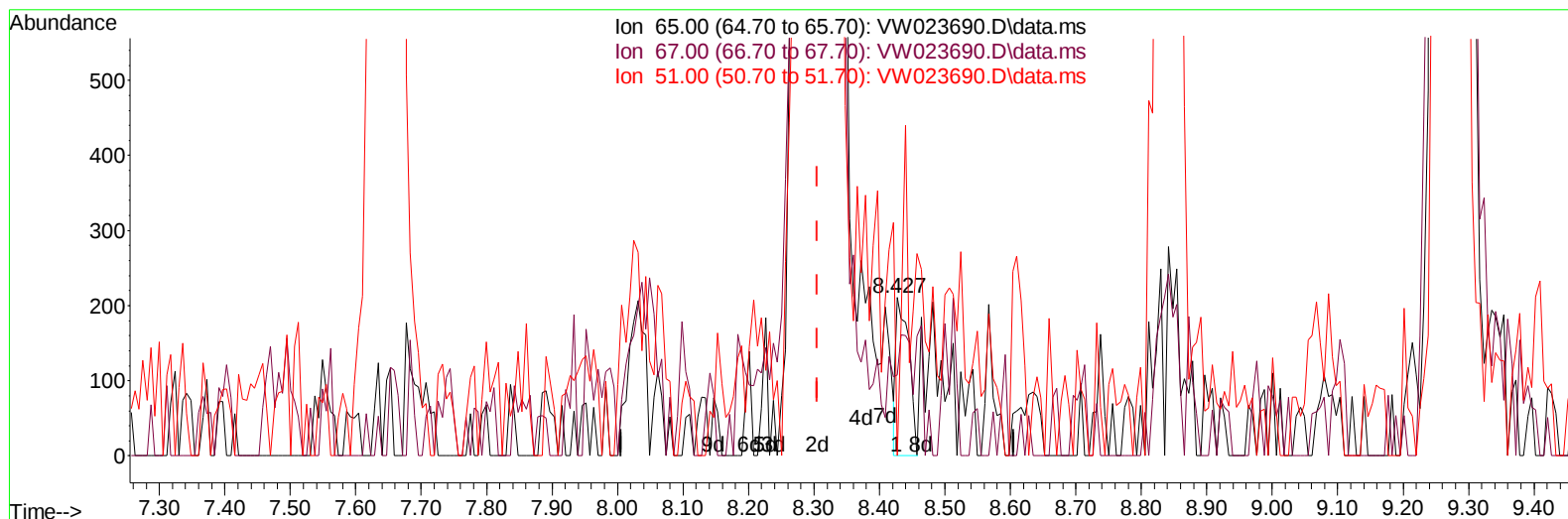
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TIC: VW023690.D\data.ms

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

8.427min (+ 0.122) 0.07 ug/L

response 292

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 49.70  | 59.25  |
| 51.00 | 92.20  | 92.81  |
| 0.00  | 0.00   | 0.00   |

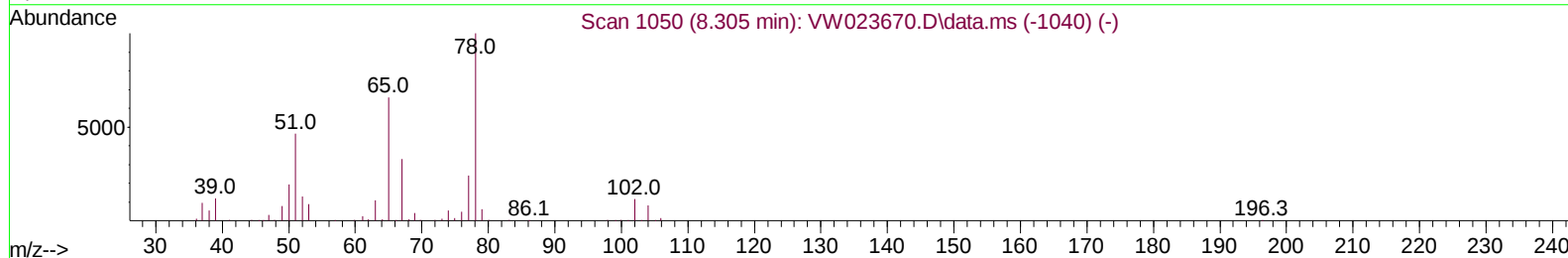
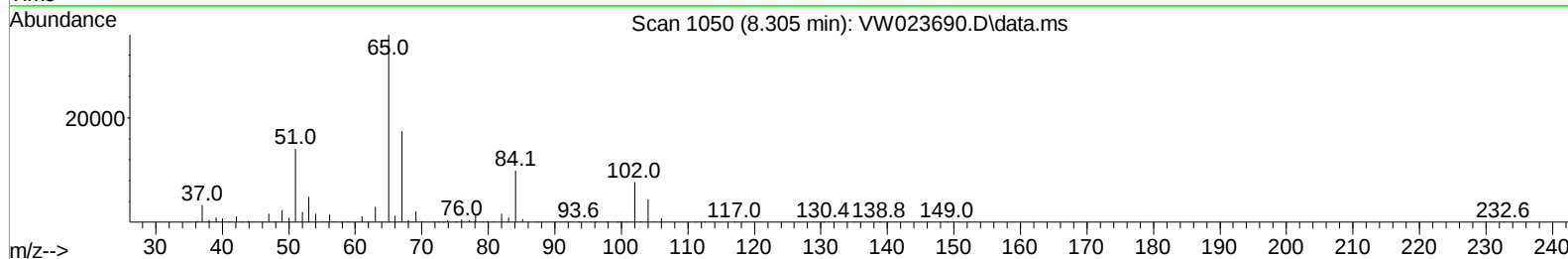
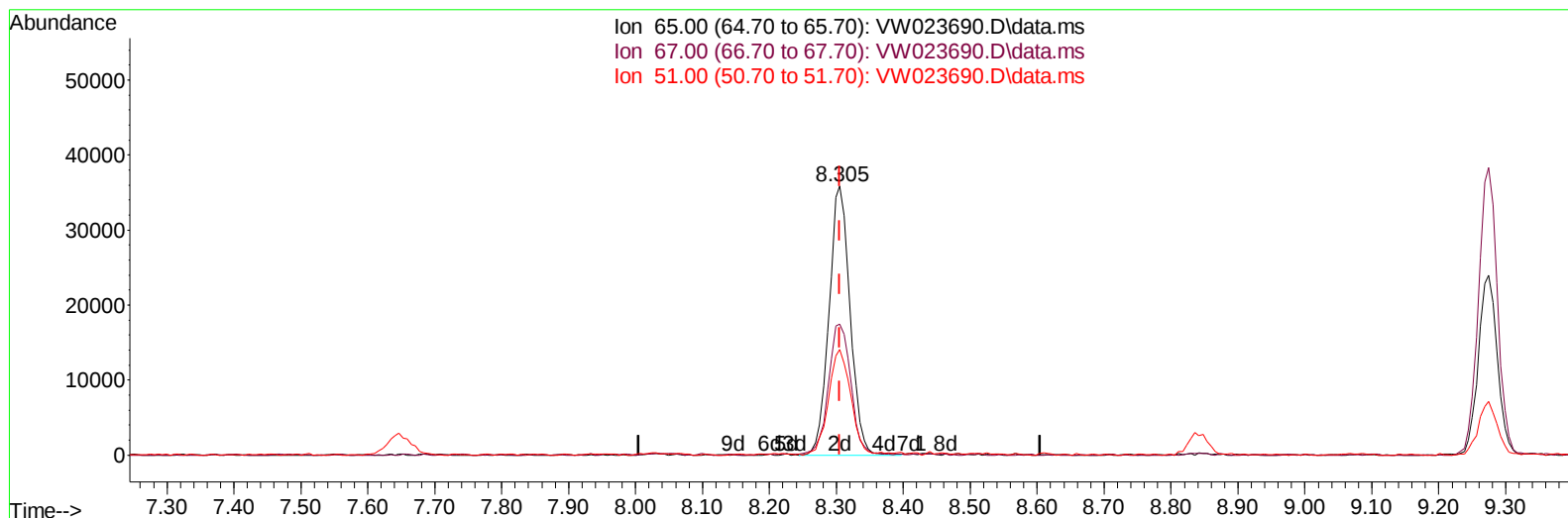
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 Data File : VW023690.D  
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 Sample : N3698-09  
 Misc : 5.57g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5B74

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 Quant Title : SFAM01.0  
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 Response via : Initial Calibration



TIC: VW023690.D\data.ms

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

8.305min (+ 0.000) 19.94 ug/L m

response 78367

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 49.70  | 0.22#  |
| 51.00 | 92.20  | 0.35#  |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071322\  
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 Misc : 5.57g/10mL/MSVOA\_W/SOIL  
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Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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Manual IntegrationsAPPROVED

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Reviewed By :Semsettin Yesilyurt 07/15/2022  
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| Compound                      | R.T.     | QIon  | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|---------|----------|
| -----                         |          |       |          |        |         |          |
| Internal Standards            |          |       |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 8.842    | 114   | 220744   | 25.000 | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 11.634   | 117   | 212138   | 25.000 | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554   | 152   | 89444    | 25.000 | ug/L    | 0.00     |
| System Monitoring Compounds   |          |       |          |        |         |          |
| 4) Vinyl Chloride-d3          | 2.349    | 65    | 94323    | 16.730 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 66.920% |          |
| 7) Chloroethane-d5            | 2.879    | 69    | 79033    | 21.013 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 84.040% |          |
| 11) 1,1-Dichloroethene-d2     | 4.013    | 63    | 53725    | 11.702 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 46.800% |          |
| 21) 2-Butanone-d5             | 7.074    | 46    | 36467    | 41.700 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 83.400% |          |
| 24) Chloroform-d              | 7.647    | 84    | 129245   | 20.110 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 80.440% |          |
| 26) 1,2-Dichloroethane-d4     | 8.305    | 65    | 78367m   | 19.937 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 79.760% |          |
| 32) Benzene-d6                | 8.275    | 84    | 236154   | 21.415 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 85.640% |          |
| 36) 1,2-Dichloropropane-d6    | 9.275    | 67    | 75966    | 22.869 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 91.480% |          |
| 41) Toluene-d8                | 10.323   | 98    | 216143   | 19.323 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 77.280% |          |
| 43) trans-1,3-Dichloroprop... | 10.579   | 79    | 23188    | 14.893 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 59.560% |          |
| 47) 2-Hexanone-d5             | 10.921   | 63    | 26849    | 38.439 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 76.880% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689   | 84    | 65923    | 17.958 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 71.840% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.847   | 152   | 71680    | 22.449 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 89.800% |          |
| Target Compounds              |          |       |          |        |         |          |
| 5) Vinyl chloride             | 2.355    | 62    | 46920    | 7.438  | ug/L    | 96       |
| 13) Acetone                   | 4.129    | 43    | 6023m    | 9.741  | ug/L    |          |
| 14) Carbon disulfide          | 4.385    | 76    | 6914m    | 1.004  | ug/L    |          |
| 17) trans-1,2-Dichloroethene  | 5.415    | 96    | 2495m    | 0.879  | ug/L    |          |
| 18) Methyl tert-butyl Ether   | 5.428    | 73    | 4977m    | 1.133  | ug/L    |          |
| 20) cis-1,2-Dichloroethene    | 7.165    | 96    | 53883    | 17.131 | ug/L #  | 98       |
| -----                         |          |       |          |        |         |          |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071322\  
Data File : VW023690.D  
Acq On : 14 Jul 2022 10:01  
Operator : SY/VA  
Sample : N3698-09  
Misc : 5.57g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
F5B74

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2022  
Supervised By :Mahesh Dadoda 07/15/2022

Quant Time: Jul 15 01:32:54 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Jul 14 04:56:40 2022  
Response via : Initial Calibration

