

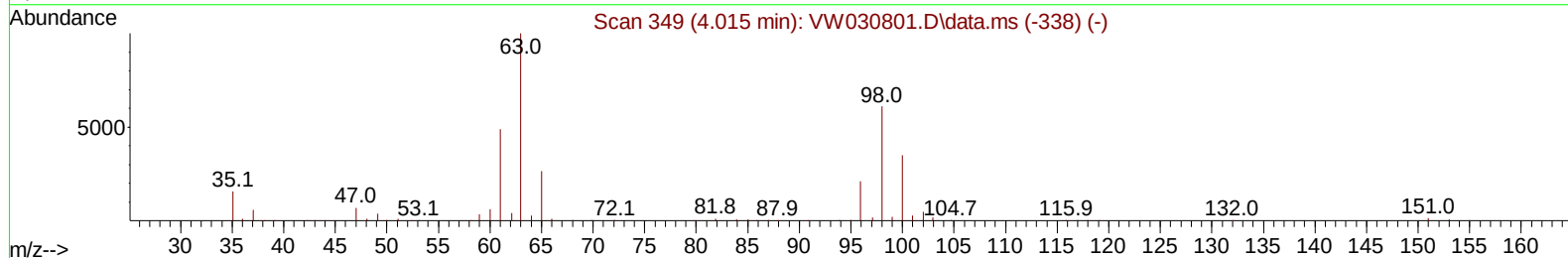
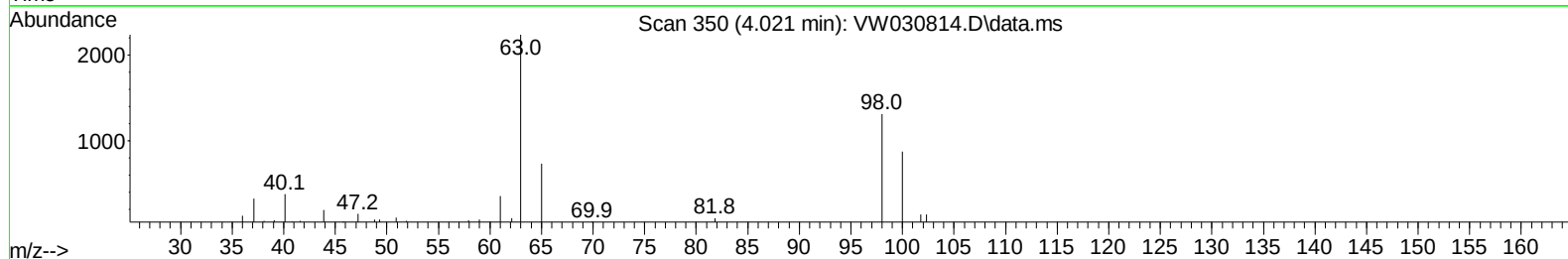
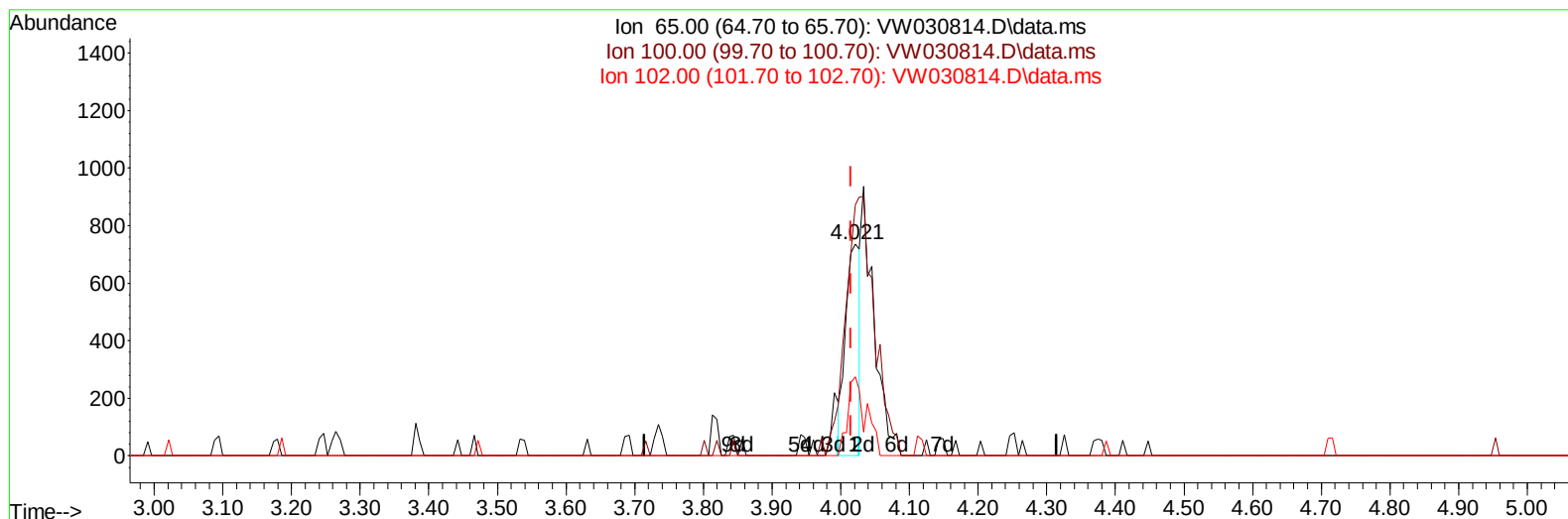
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW102924\  
Data File : VW030814.D  
Acq On : 29 Oct 2024 19:17  
Operator : SY/MD  
Sample : P4568-17  
Misc : 4.99g/10mL/MSVOA\_W/SOIL/A  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
A4EF1

Manual IntegrationsAPPROVED

Quant Time: Oct 30 01:18:59 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100924SMA.M  
Quant Title : SFAM01.0  
QLast Update : Wed Oct 30 01:14:06 2024  
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 10/30/2024  
Supervised By :Mahesh Dadoda 10/30/2024



TIC: VW030814.D\data.ms

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

4.021min (+ 0.006) 4.85 ug/L

response 1075

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 65.00  | 100.00 | 100.00 |
| 100.00 | 139.30 | 0.00#  |
| 102.00 | 21.90  | 34.14# |
| 0.00   | 0.00   | 0.00   |

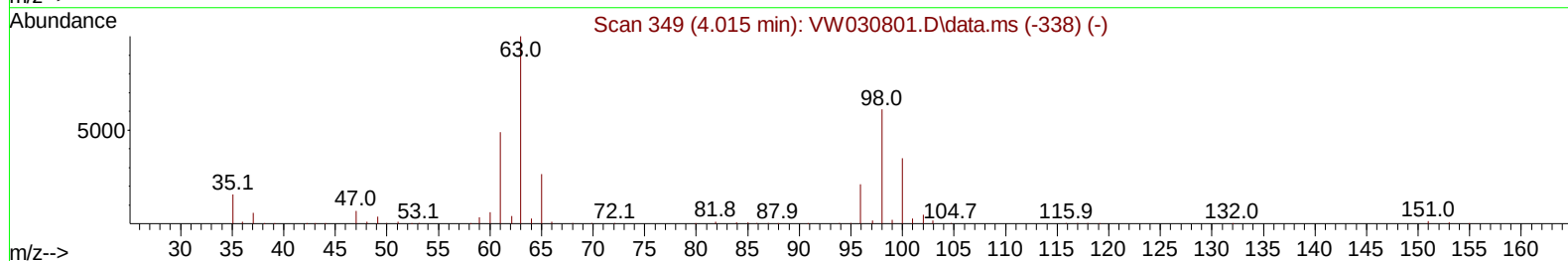
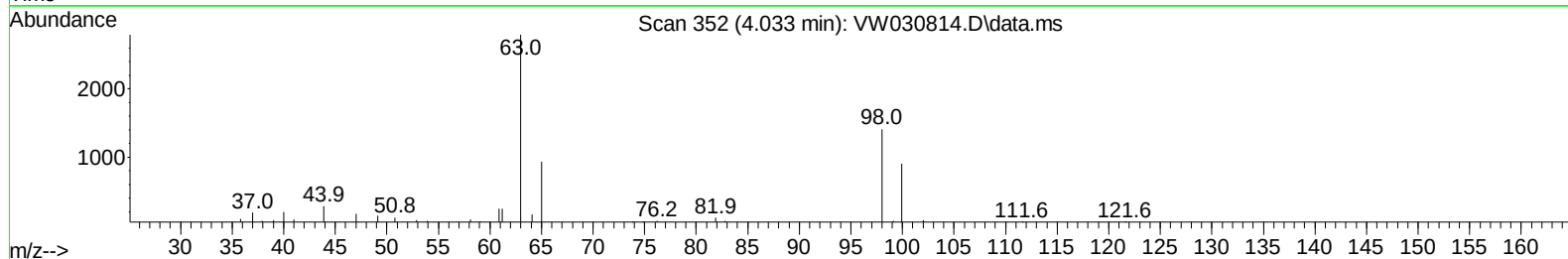
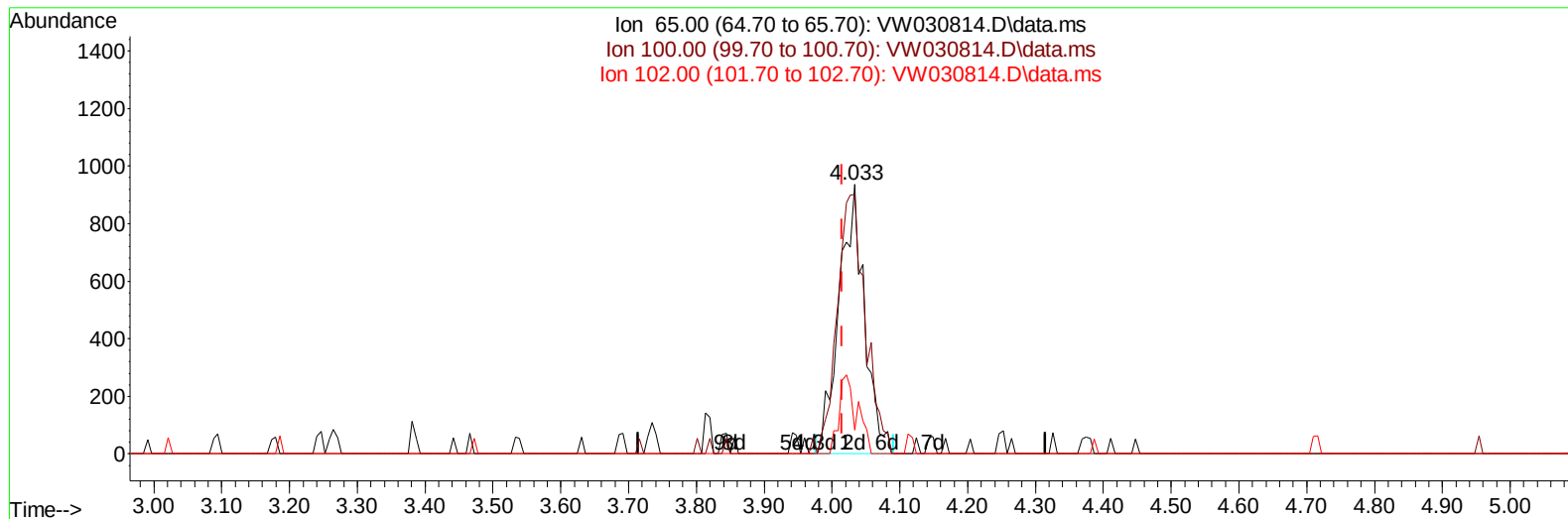
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## Manual IntegrationsAPPROVED

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TIC: VW030814.D\data.ms

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

4.033min (+ 0.018) 10.91 ug/L m

response 2421

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 65.00  | 100.00 | 100.00 |
| 100.00 | 139.30 | 0.00#  |
| 102.00 | 21.90  | 15.16# |
| 0.00   | 0.00   | 0.00   |

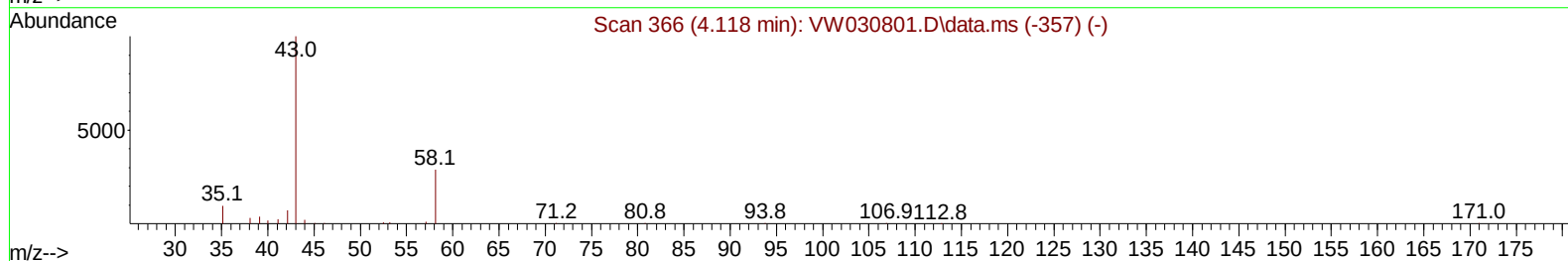
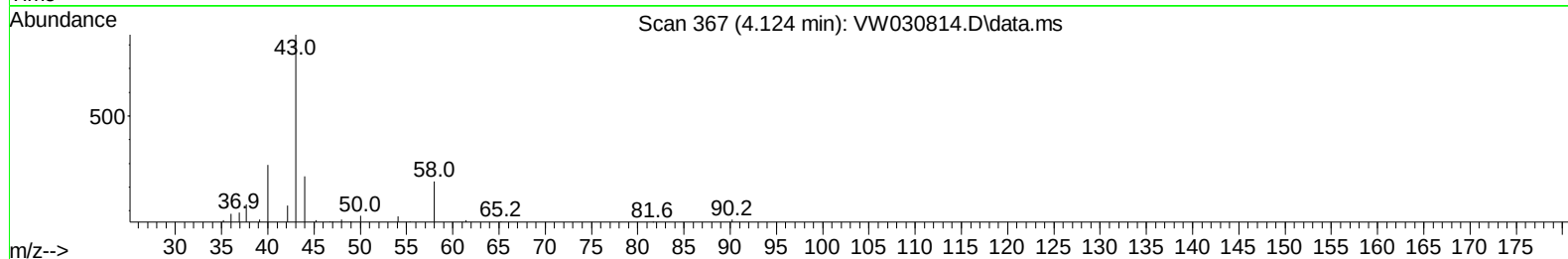
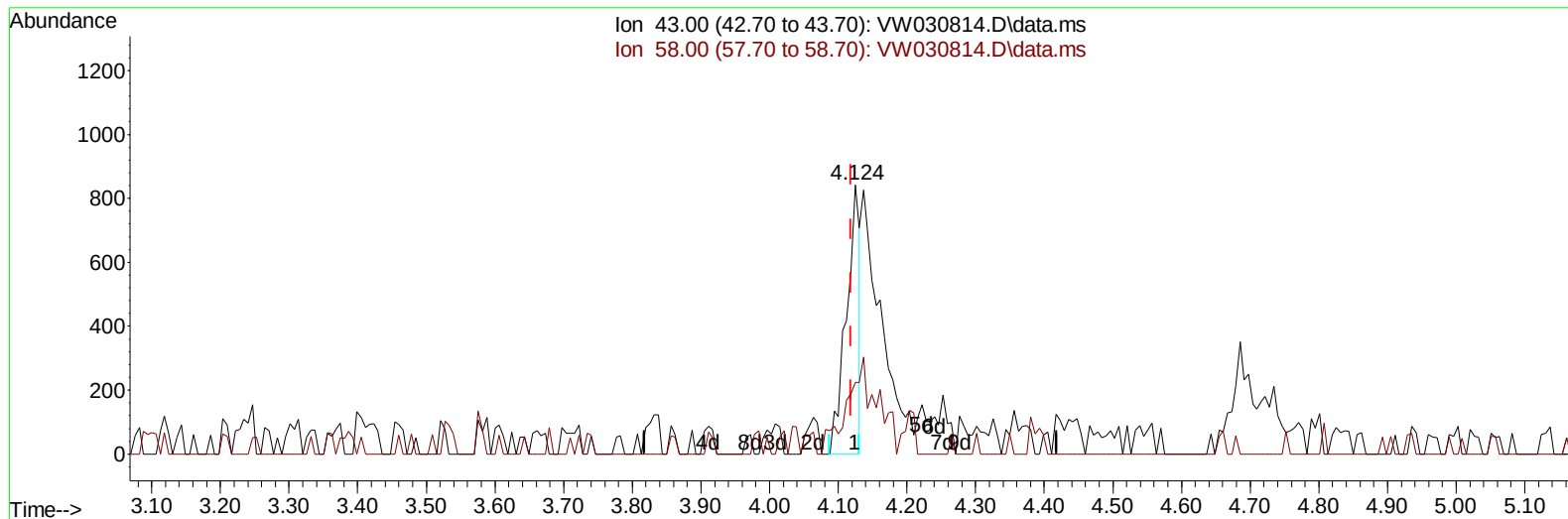
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Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A4EF1

Manual IntegrationsAPPROVED

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TIC: VW030814.D\data.ms

(13) Acetone (T)

4.124min (+ 0.006) 8.26 ug/L

response 1161

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 28.80  | 42.03  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

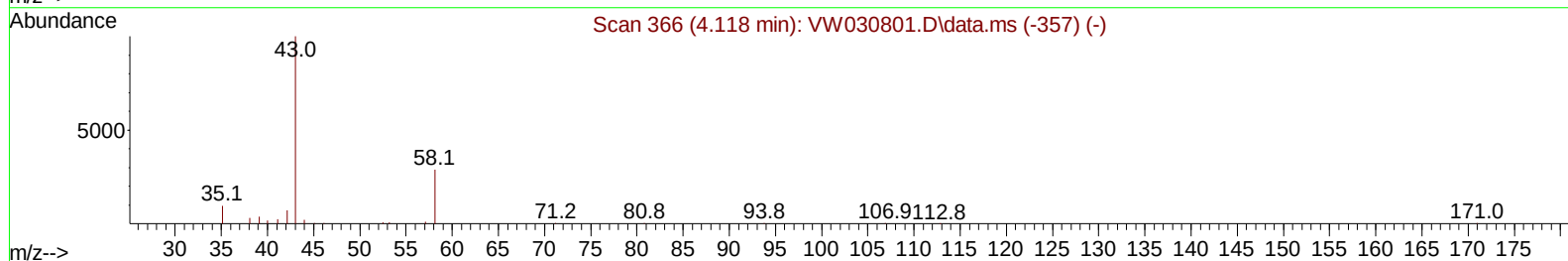
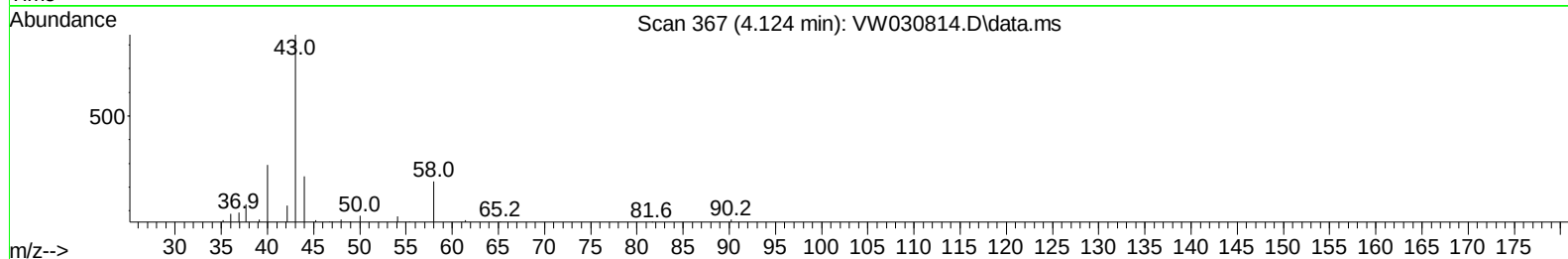
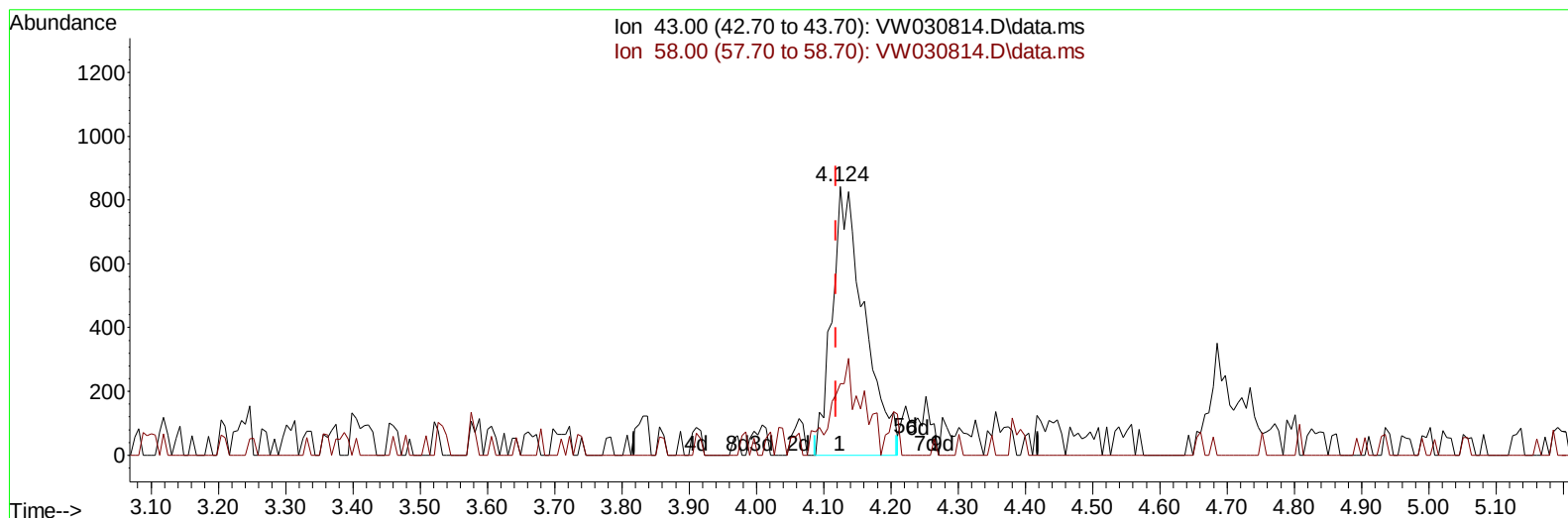
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Instrument :  
 MSVOA\_W  
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Manual IntegrationsAPPROVED

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TIC: VW030814.D\data.ms

(13) Acetone (T)

4.124min (+ 0.006) 19.98 ug/L m

response 2808

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 28.80  | 17.38  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

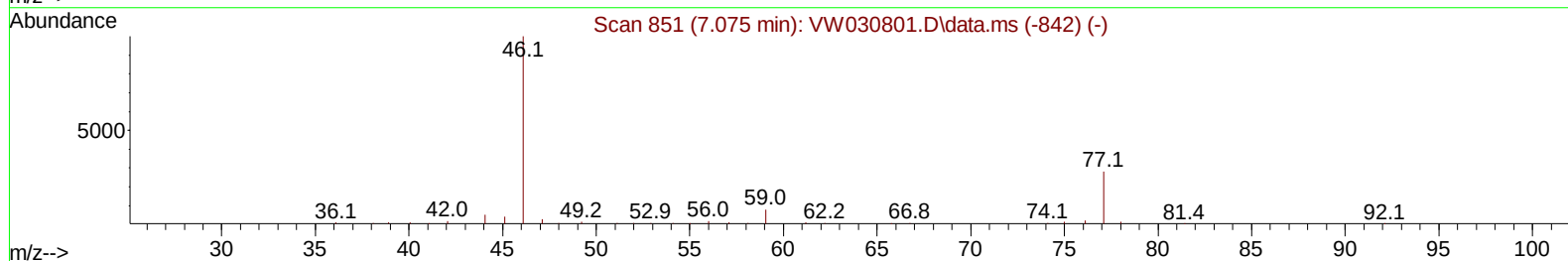
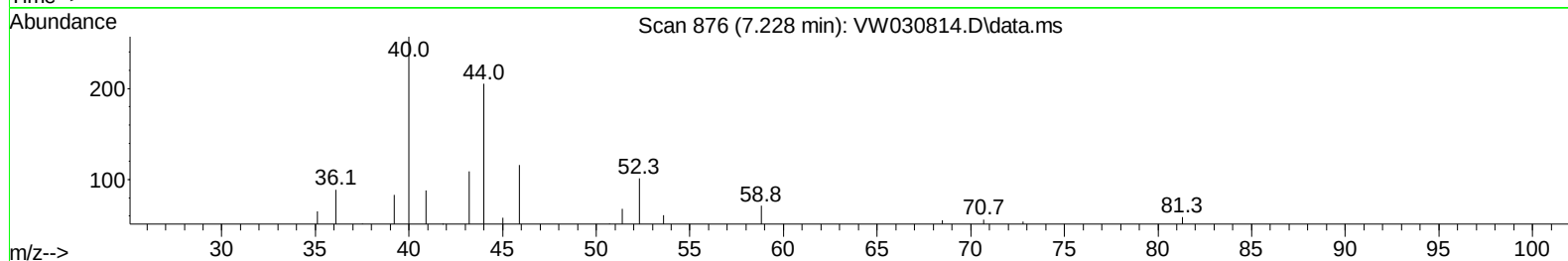
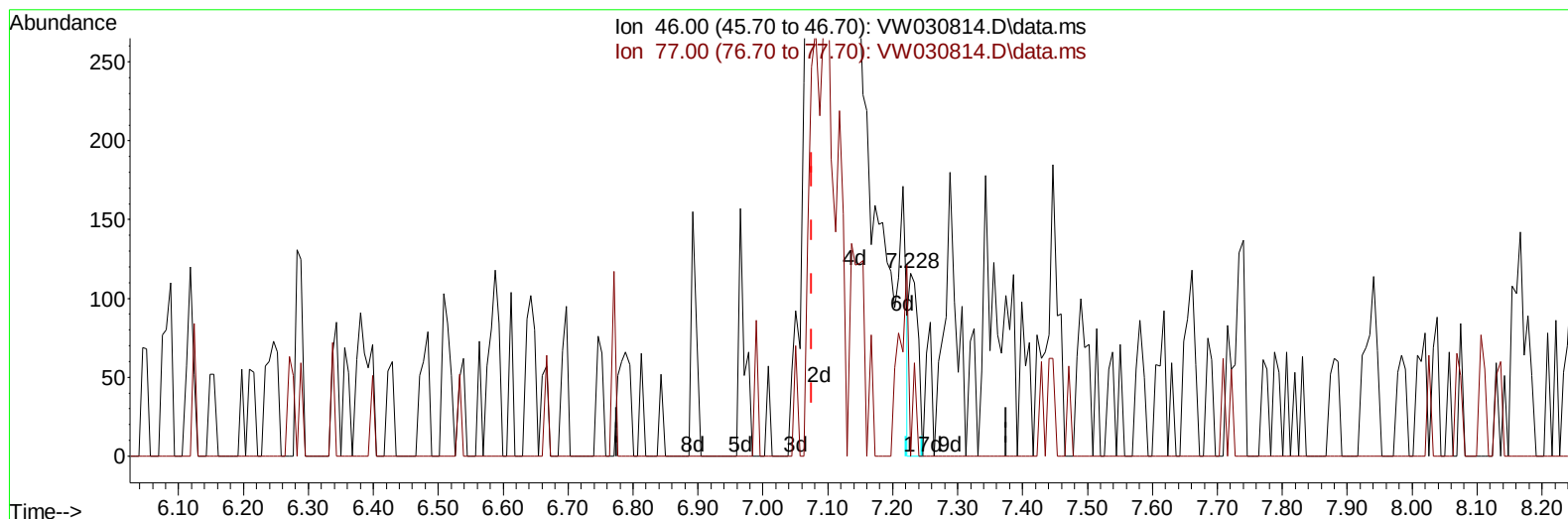
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 Data File : VW030814.D  
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 Operator : SY/MD  
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 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A4EF1

Manual IntegrationsAPPROVED

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TIC: VW030814.D\data.ms

**(21) 2-Butanone-d5 (S)**

**7.228min (+ 0.152) 1.15 ug/L**

**response 110**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 25.20  | 20.00  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

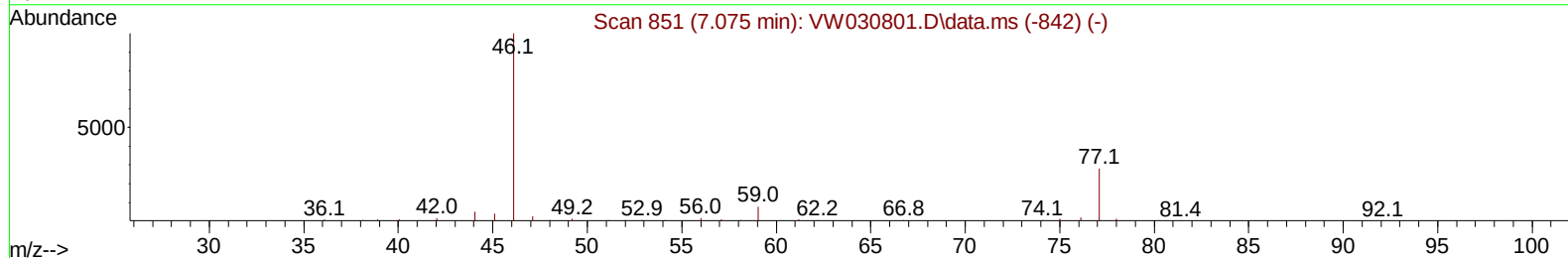
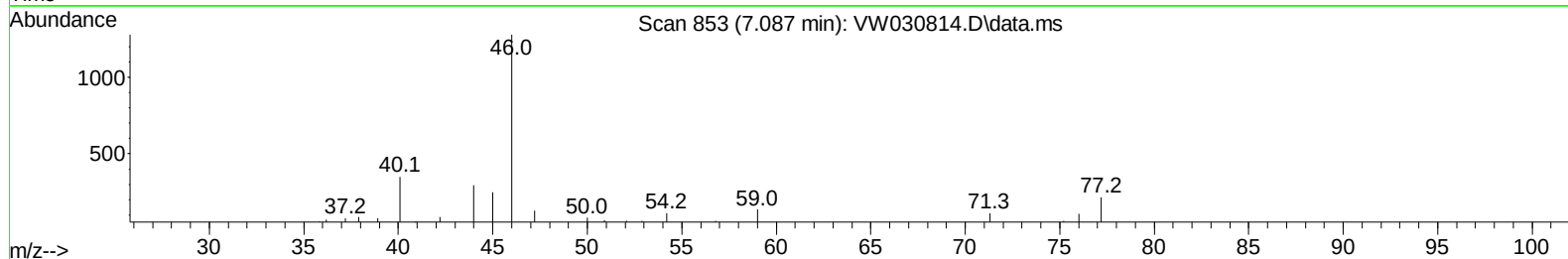
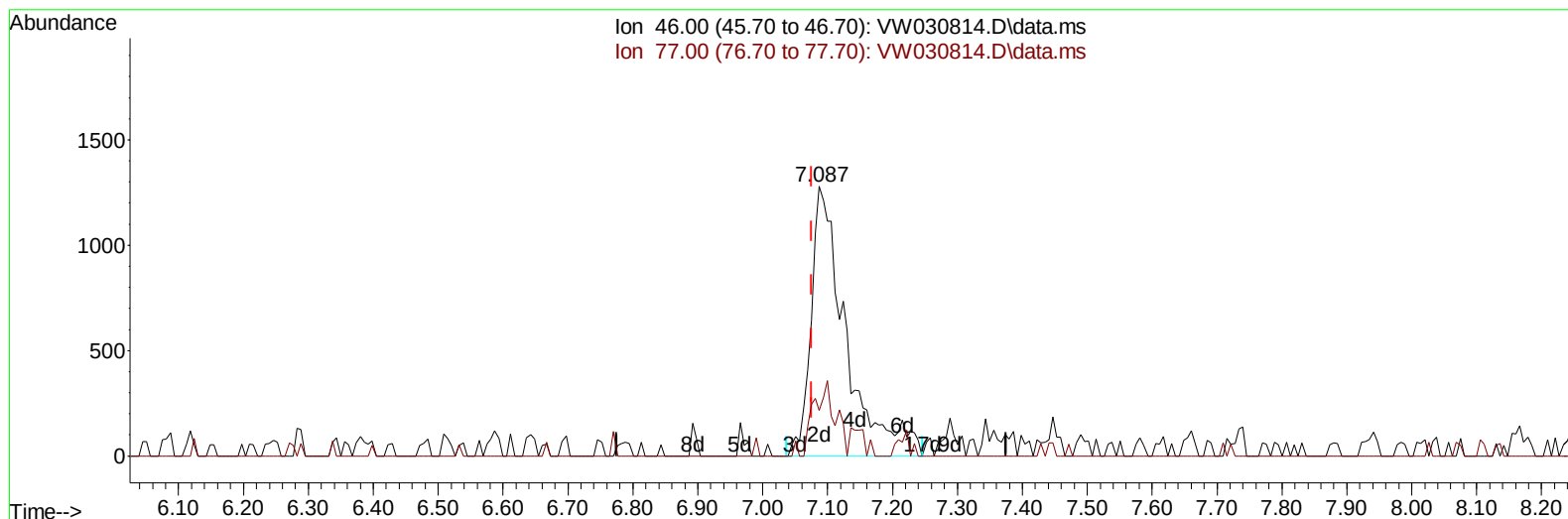
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Data File : VW030814.D  
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Operator : SY/MD  
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Misc : 4.99g/10mL/MSVOA\_W/SOIL/A  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
A4EF1

Manual IntegrationsAPPROVED

Quant Time: Oct 30 01:18:59 2024  
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Quant Title : SFAM01.0  
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TIC: VW030814.D\data.ms

(21) 2-Butanone-d5 (S)

7.087min (+ 0.012) 49.54 ug/L m

response 4755

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 25.20  | 0.46#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

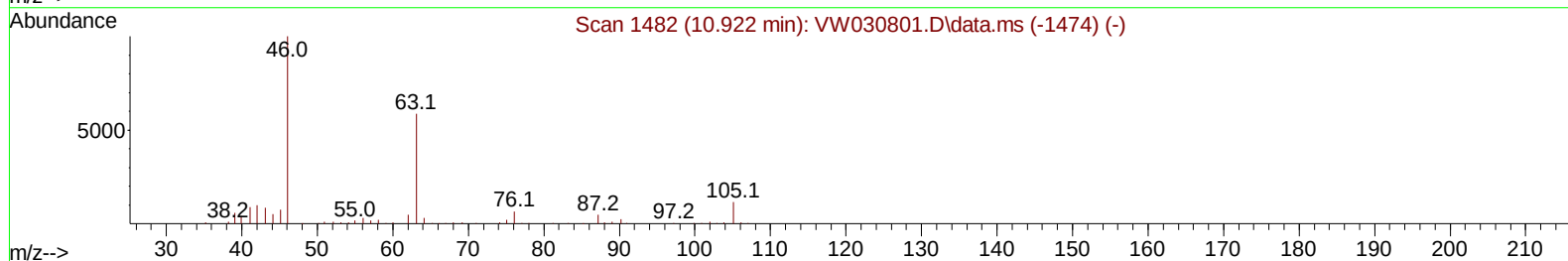
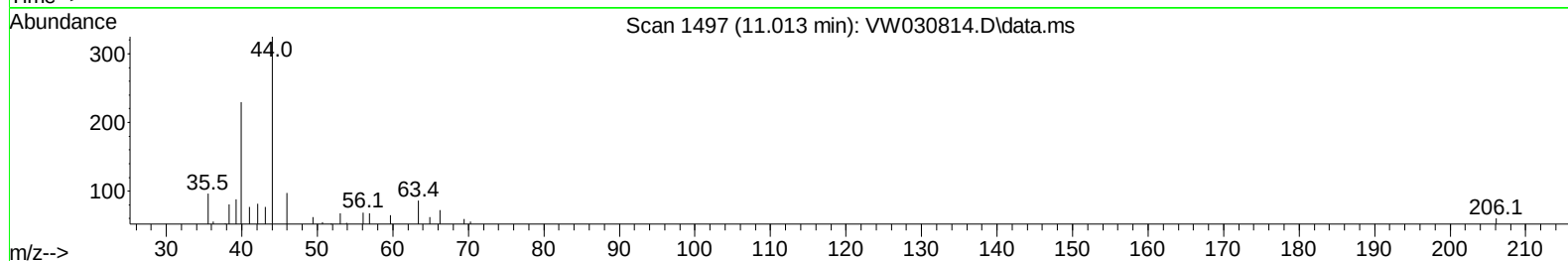
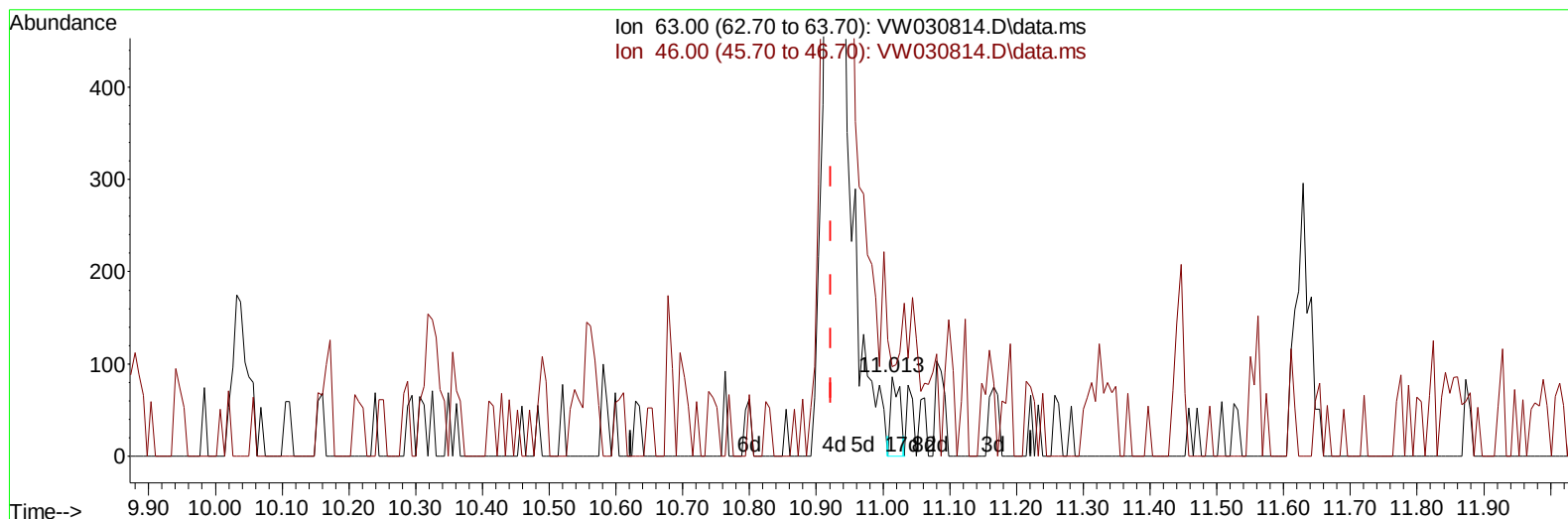
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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
A4EF1

Manual IntegrationsAPPROVED

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TIC: VW030814.D\data.ms

(47) 2-Hexanone-d5 (S)

11.013min (+ 0.091) 1.22 ug/L

response 83

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 46.00 | 181.60 | 196.39 |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

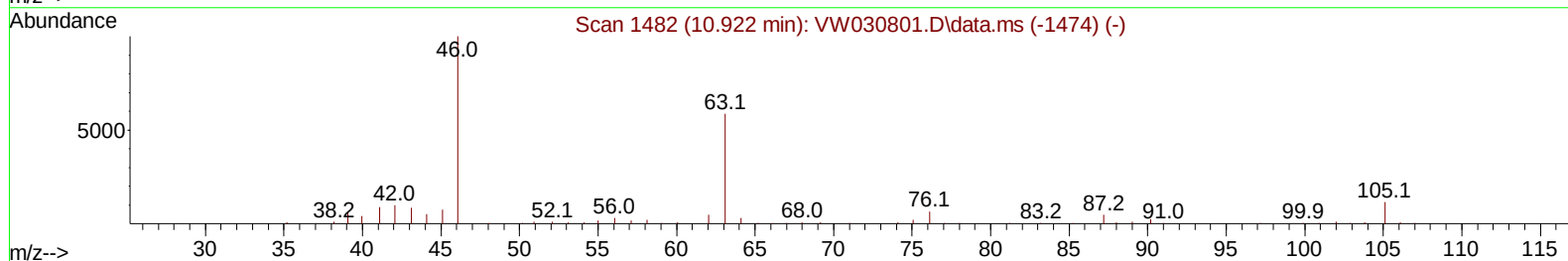
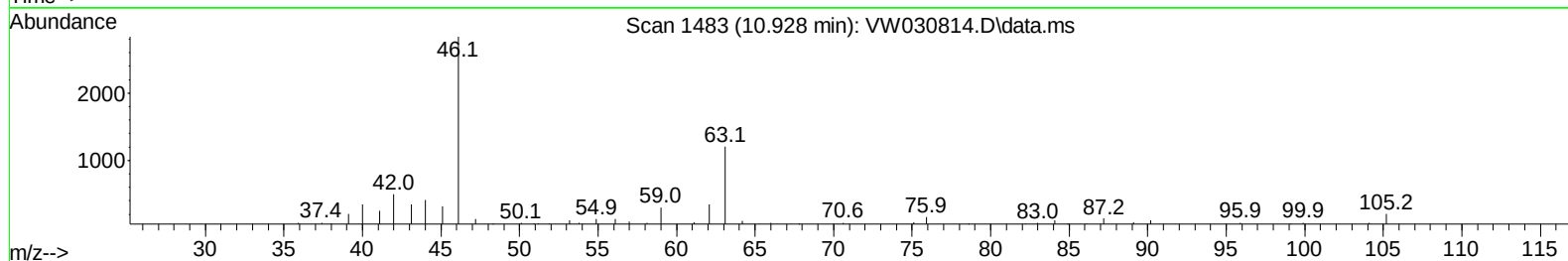
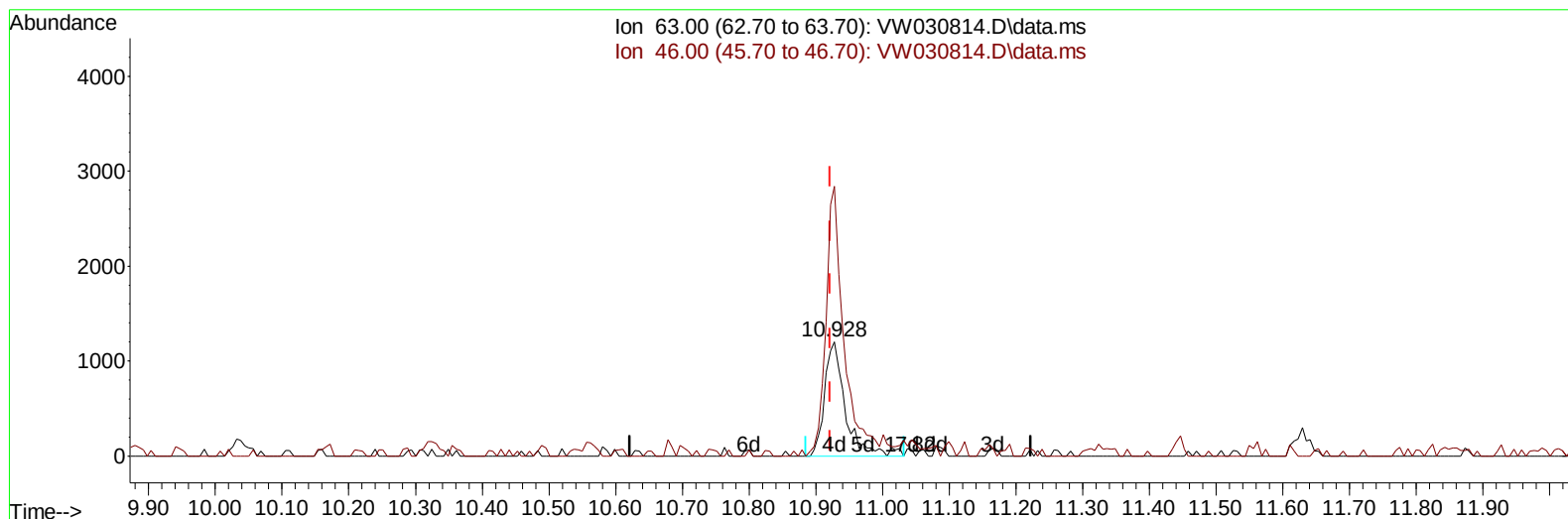
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 Data File : VW030814.D  
 Acq On : 29 Oct 2024 19:17  
 Operator : SY/MD  
 Sample : P4568-17  
 Misc : 4.99g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A4EF1

Manual IntegrationsAPPROVED

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TIC: VW030814.D\data.ms

(47) 2-Hexanone-d5 (S)

10.928min (+ 0.006) 38.29 ug/L m

response 2604

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 46.00 | 181.60 | 6.26#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |



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| Compound                      | R.T.     | Q     | Ion | Response   | Conc      | Units | Dev(Min) |
|-------------------------------|----------|-------|-----|------------|-----------|-------|----------|
| -----                         |          |       |     |            |           |       |          |
| Internal Standards            |          |       |     |            |           |       |          |
| 1) 1,4-Difluorobenzene        | 8.843    | 114   |     | 33930      | 25.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629   | 117   |     | 30992      | 25.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556   | 152   |     | 10314      | 25.000    | ug/L  | 0.00     |
|                               |          |       |     |            |           |       |          |
| System Monitoring Compounds   |          |       |     |            |           |       |          |
| 4) Vinyl Chloride-d3          | 2.356    | 65    |     | 5578       | 10.459    | ug/L  | -0.01    |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 41.840%   |       |          |
| 7) Chloroethane-d5            | 2.887    | 69    |     | 6457       | 15.994    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 |     | Recovery = | 63.960%   |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.033    | 65    |     | 2421m      | 10.914    | ug/L  | 0.02     |
| Spiked Amount 25.000          | Range 45 | - 110 |     | Recovery = | 43.640%#  |       |          |
| 21) 2-Butanone-d5             | 7.087    | 46    |     | 4755m      | 49.542    | ug/L  | 0.01     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 99.080%   |       |          |
| 24) Chloroform-d              | 7.654    | 84    |     | 21885      | 22.554    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 |     | Recovery = | 90.200%   |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.307    | 65    |     | 11554      | 22.899    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 |     | Recovery = | 91.600%   |       |          |
| 32) Benzene-d6                | 8.276    | 84    |     | 26657      | 14.820    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 |     | Recovery = | 59.280%   |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.276    | 67    |     | 12412      | 23.510    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 |     | Recovery = | 94.040%   |       |          |
| 41) Toluene-d8                | 10.325   | 98    |     | 16447      | 10.016    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 |     | Recovery = | 40.080%   |       |          |
| 43) trans-1,3-Dichloroprop... | 10.581   | 79    |     | 3611       | 16.334    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 |     | Recovery = | 65.320%   |       |          |
| 47) 2-Hexanone-d5             | 10.928   | 63    |     | 2604m      | 38.294    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 |     | Recovery = | 76.580%   |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    |     | 11807      | 30.452    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 |     | Recovery = | 121.800%# |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.854   | 152   |     | 8617       | 24.692    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 |     | Recovery = | 98.760%   |       |          |
|                               |          |       |     |            |           |       |          |
| Target Compounds              |          |       |     |            |           |       | Qvalue   |
| 13) Acetone                   | 4.124    | 43    |     | 2808m      | 19.984    | ug/L  |          |
| -----                         |          |       |     |            |           |       |          |

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

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A4EF1

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