

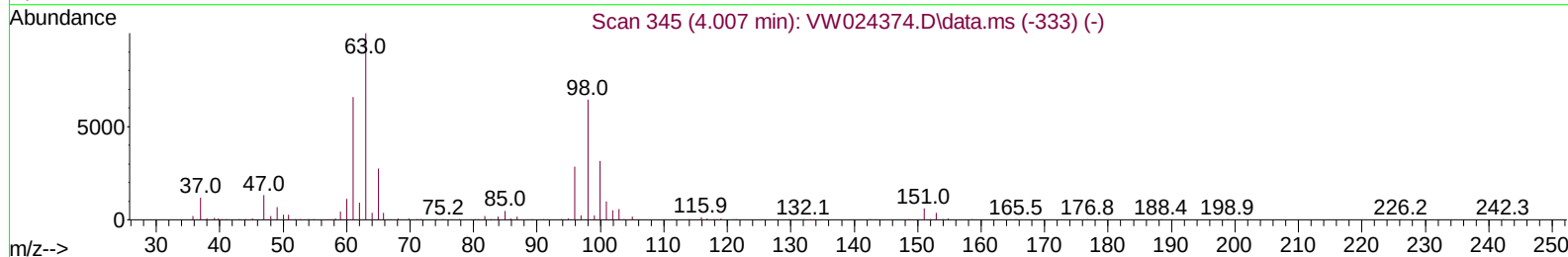
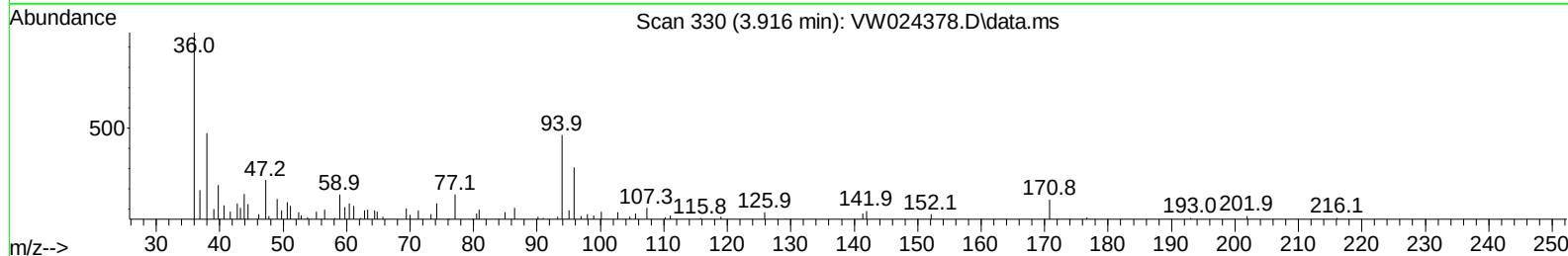
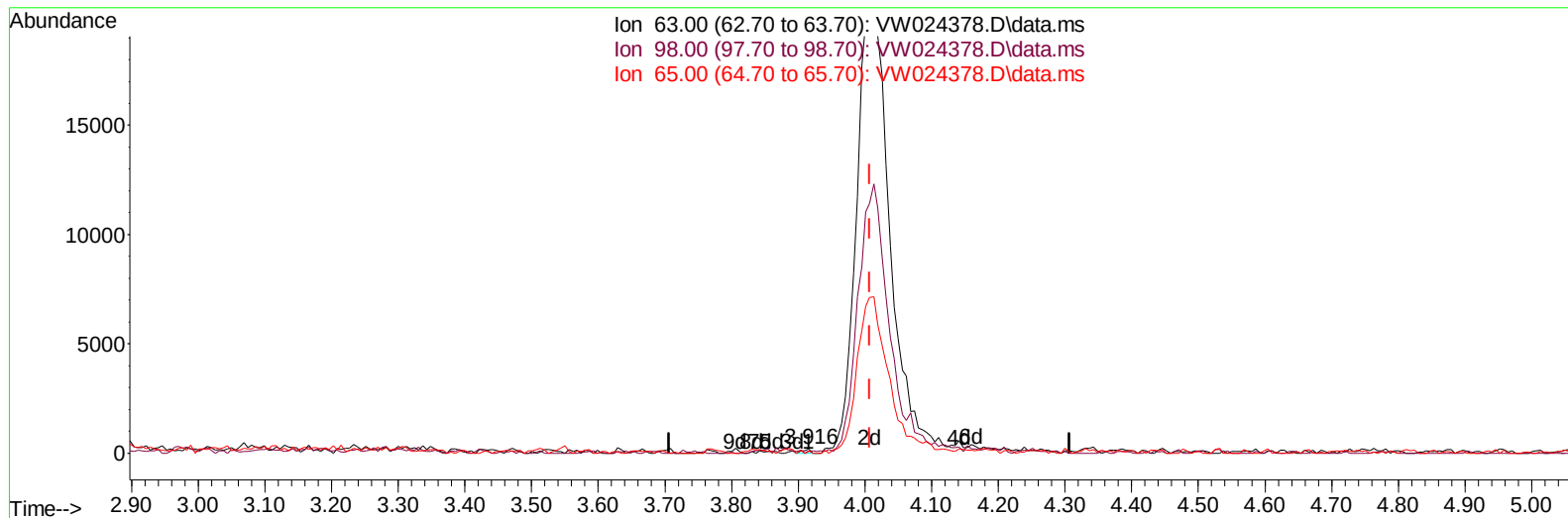
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082622\  
Data File : VW024378.D  
Acq On : 27 Aug 2022 04:31  
Operator : SY/VA  
Sample : N4345-02  
Misc : 4.71g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DBVS2

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/30/2022  
Supervised By :Mahesh Dadoda 08/30/2022

Quant Time: Aug 27 05:43:18 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM082622SMA.M  
Quant Title : SFAM01.0  
QLast Update : Sat Aug 27 02:57:08 2022  
Response via : Initial Calibration



TIC: VW024378.D\data.ms

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

3.916min (-0.091) 0.03 ug/L

response 146

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 98.00 | 70.50  | 58.90  |
| 65.00 | 22.70  | 22.60  |
| 0.00  | 0.00   | 0.00   |

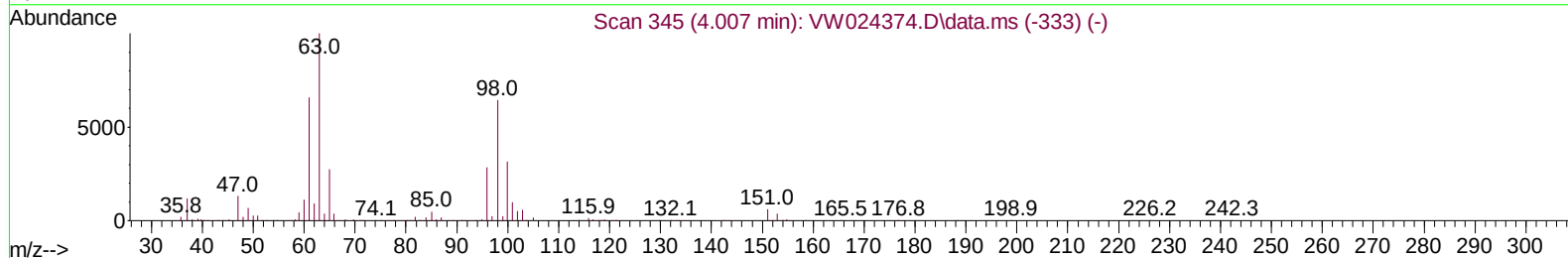
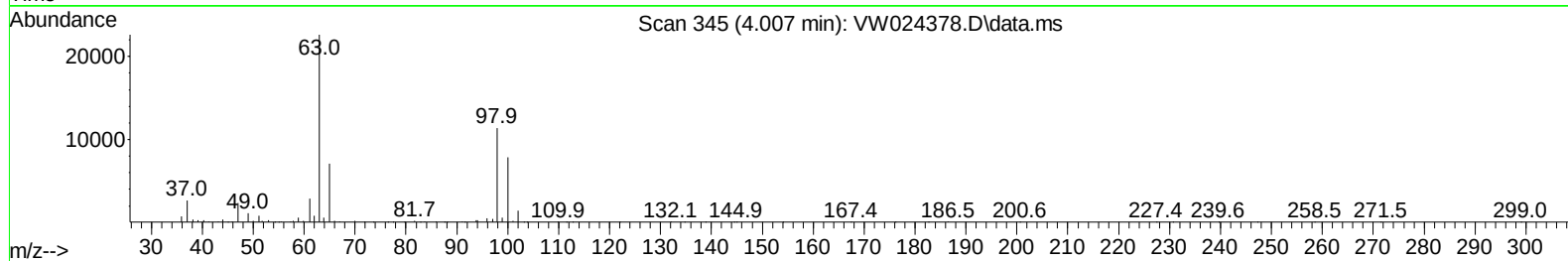
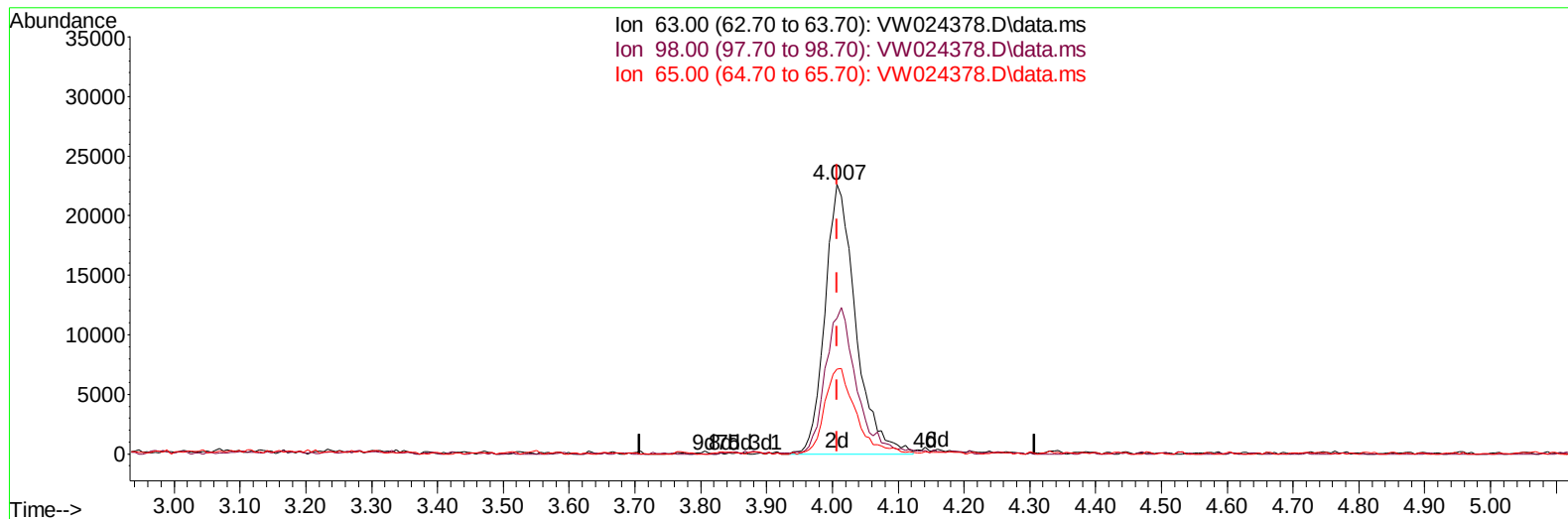
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TIC: VW024378.D\data.ms

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

4.007min (+ 0.000) 16.43 ug/L m

response 73114

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 98.00 | 70.50  | 0.12#  |
| 65.00 | 22.70  | 0.05#  |
| 0.00  | 0.00   | 0.00   |

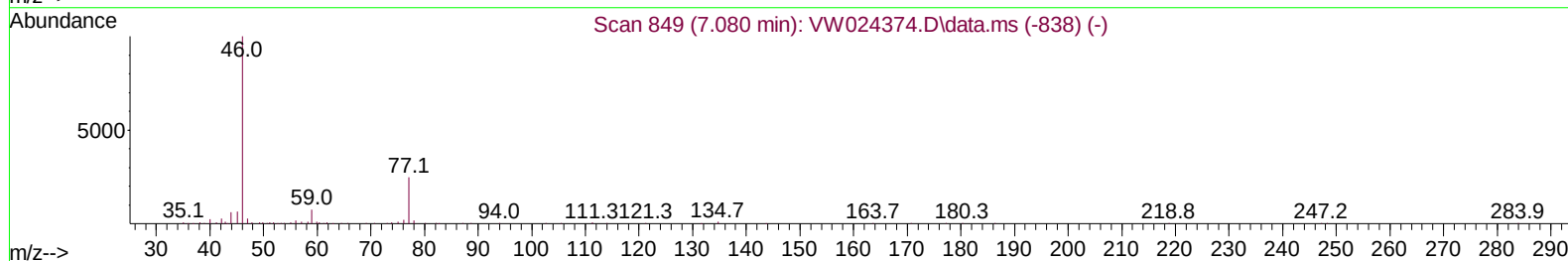
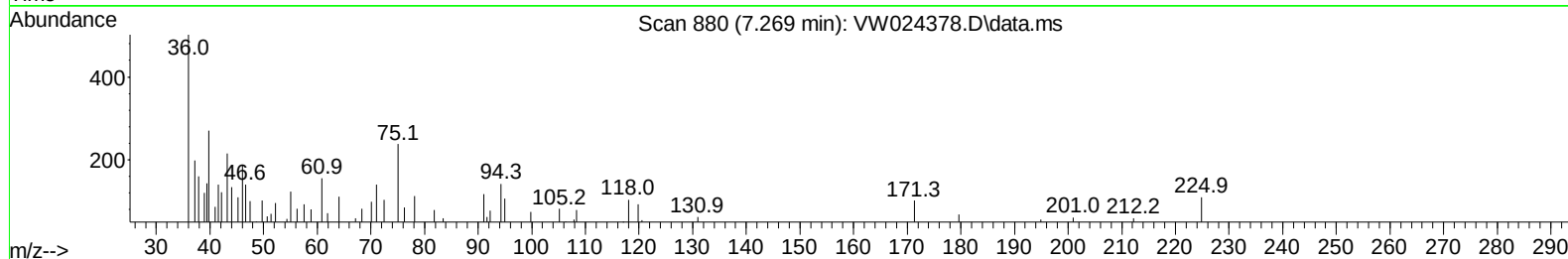
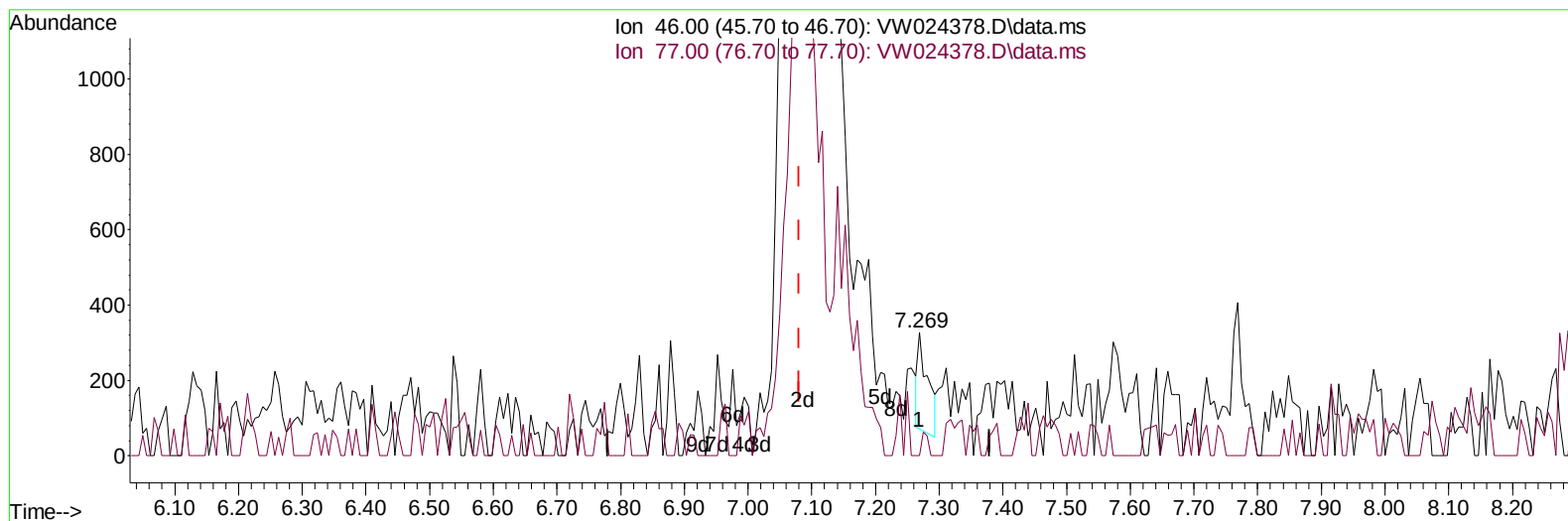
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082622\  
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Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DBVS2

Manual IntegrationsAPPROVED

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TIC: VW024378.D\data.ms

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

7.269min (+ 0.189) 0.30 ug/L

response 286

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 12.40  | 14.69  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

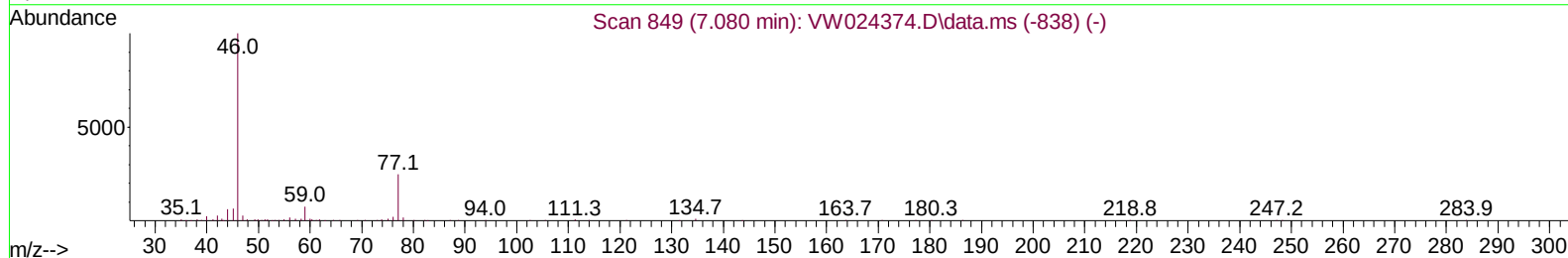
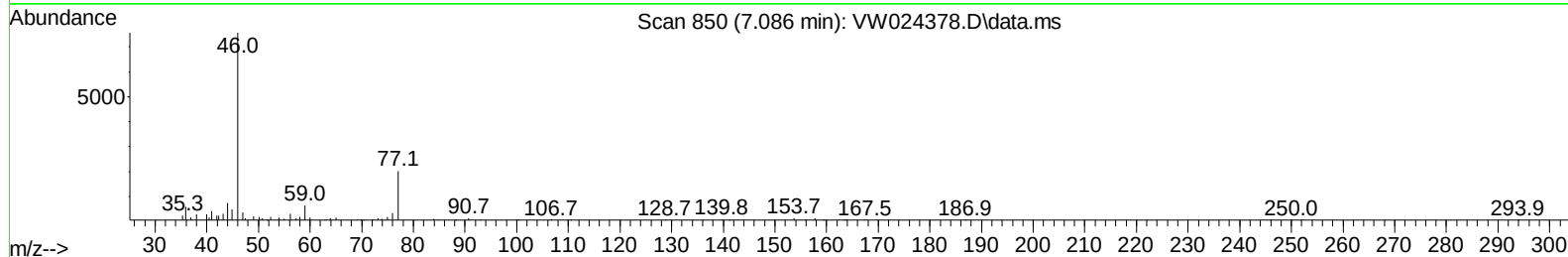
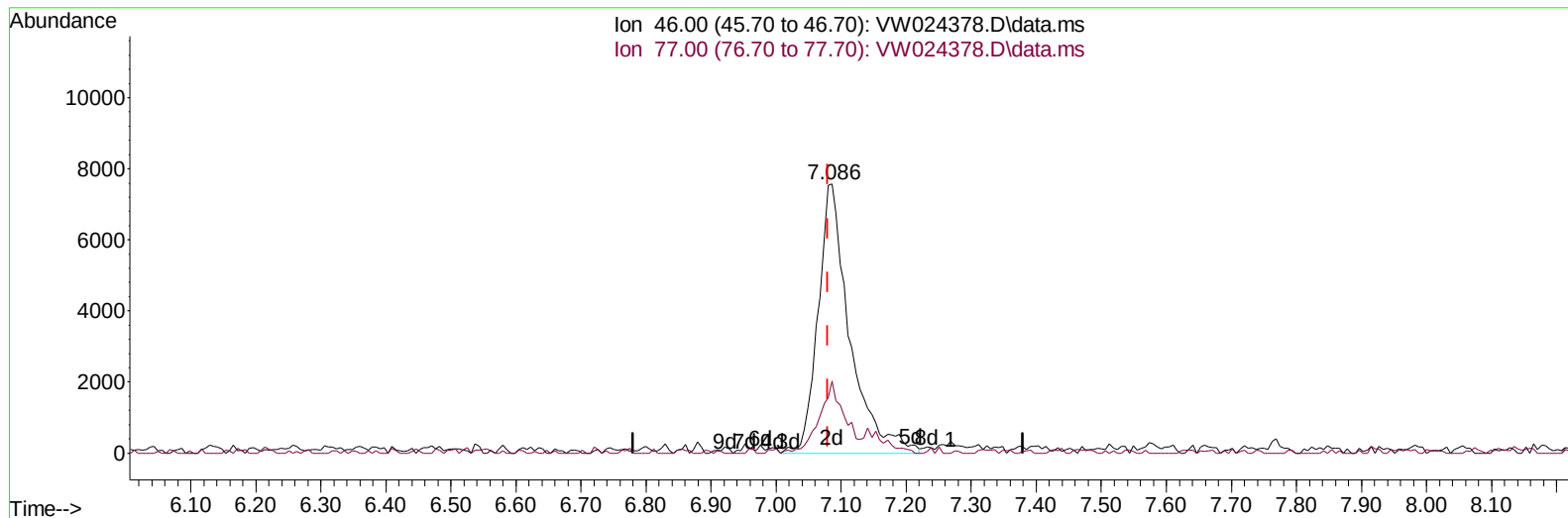
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Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DBVS2

Manual IntegrationsAPPROVED

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TIC: VW024378.D\data.ms

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

**7.086min (+ 0.006) 27.04 ug/L m**

**response 25557**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 12.40  | 0.16#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

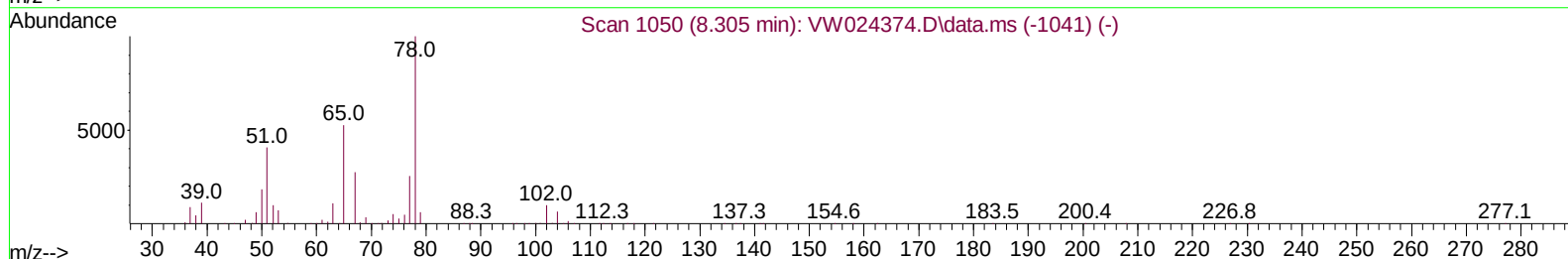
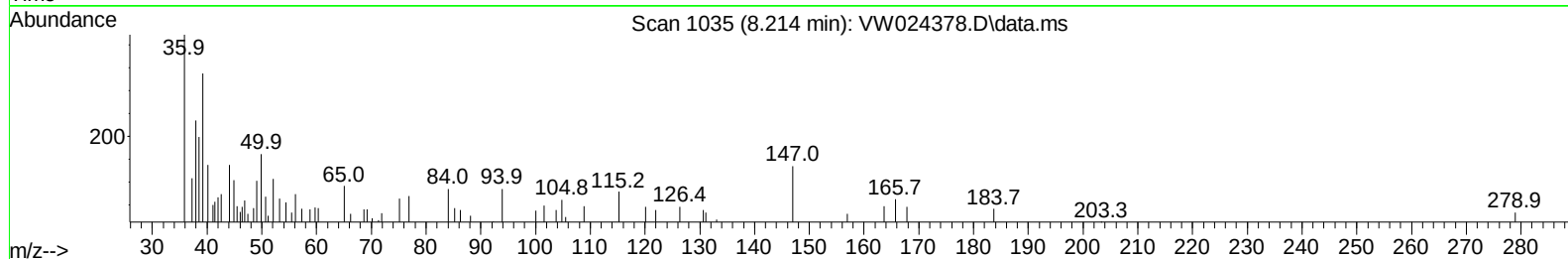
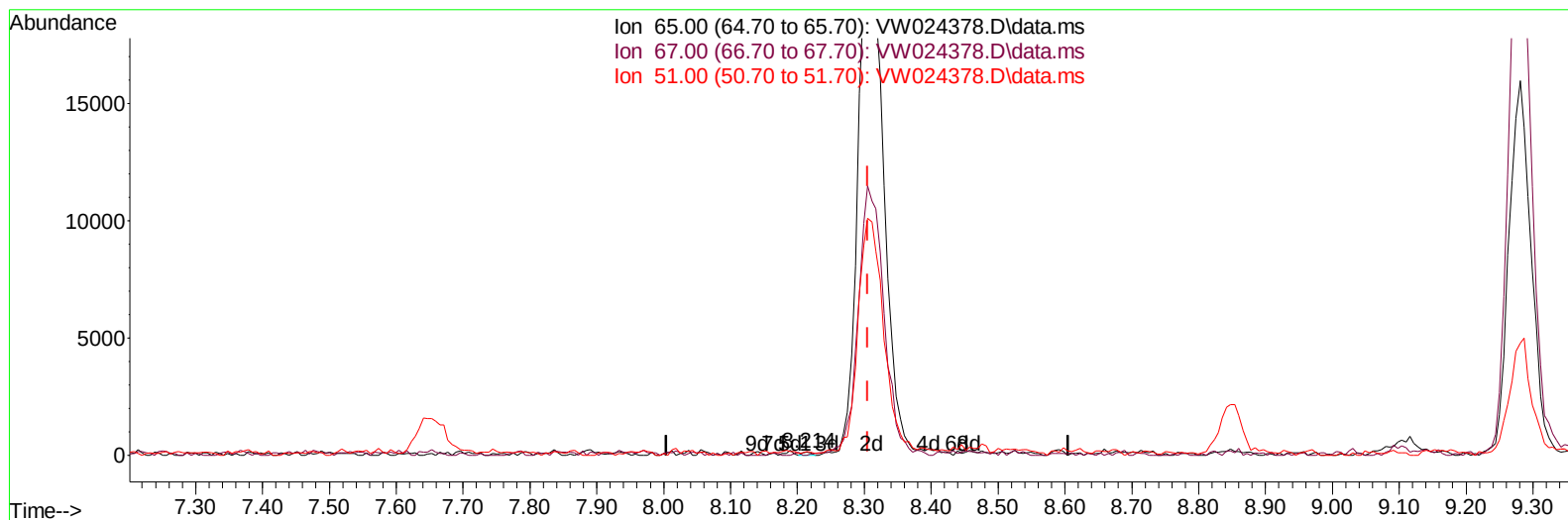
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Data File : VW024378.D  
Acq On : 27 Aug 2022 04:31  
Operator : SY/VA  
Sample : N4345-02  
Misc : 4.71g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DBVS2

Manual IntegrationsAPPROVED

Quant Time: Aug 27 05:43:18 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM082622SMA.M  
Quant Title : SFAM01.0  
QLast Update : Sat Aug 27 02:57:08 2022  
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 08/30/2022  
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TIC: VW024378.D\data.ms

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

8.214min (-0.091) 0.03 ug/L

response 117

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.10  | 57.26  |
| 51.00 | 96.50  | 70.09  |
| 0.00  | 0.00   | 0.00   |

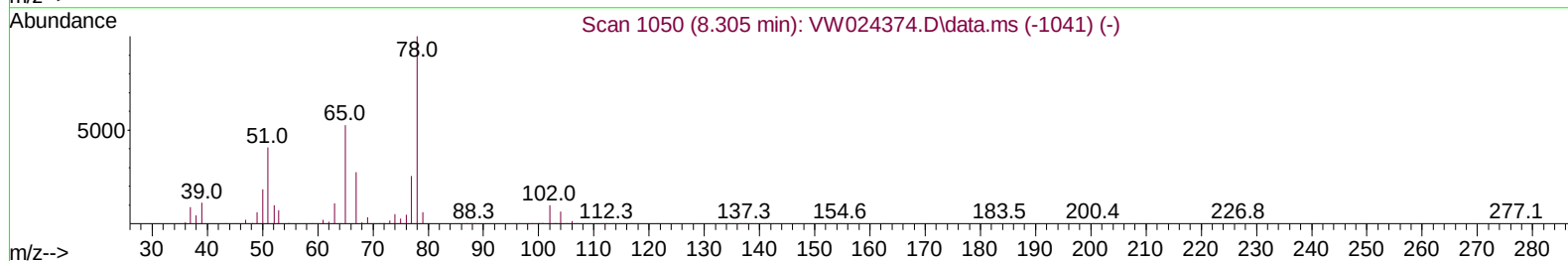
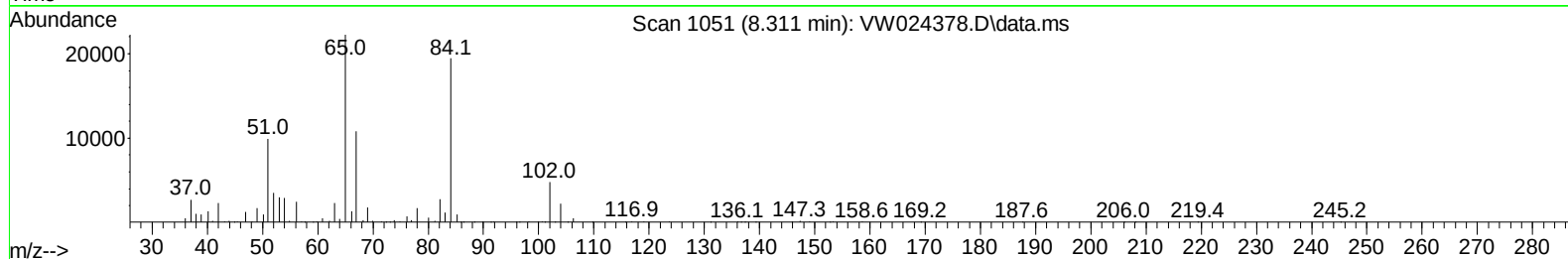
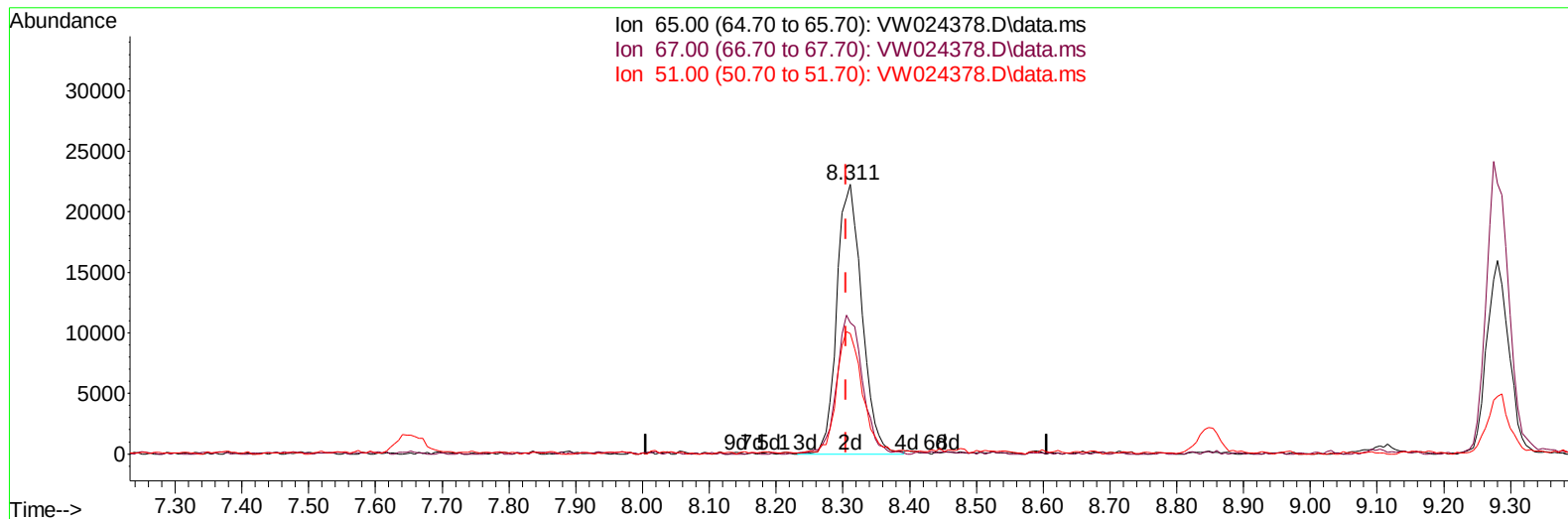
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Data File : VW024378.D  
Acq On : 27 Aug 2022 04:31  
Operator : SY/VA  
Sample : N4345-02  
Misc : 4.71g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DBVS2

## Manual IntegrationsAPPROVED

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Quant Title : SFAM01.0  
QLast Update : Sat Aug 27 02:57:08 2022  
Response via : Initial Calibration



TIC: VW024378.D\data.ms

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

8.311min (+ 0.006) 16.07 ug/L m

response 58335

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.10  | 0.11#  |
| 51.00 | 96.50  | 0.14#  |
| 0.00  | 0.00   | 0.00   |

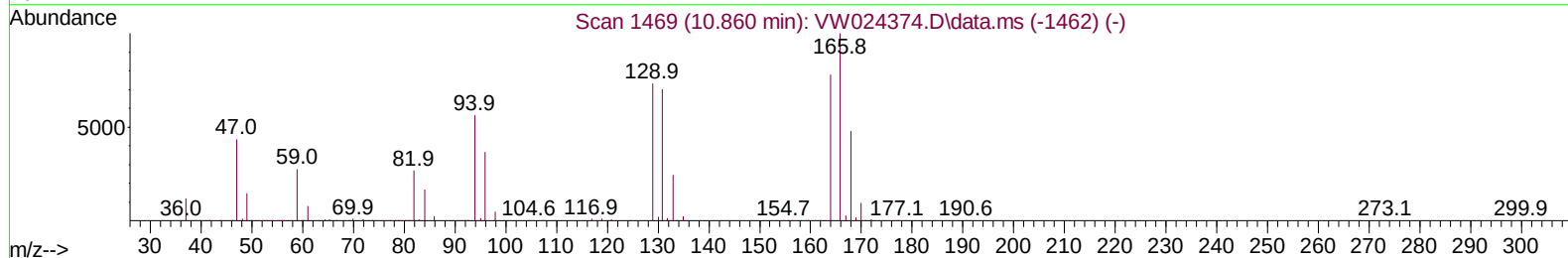
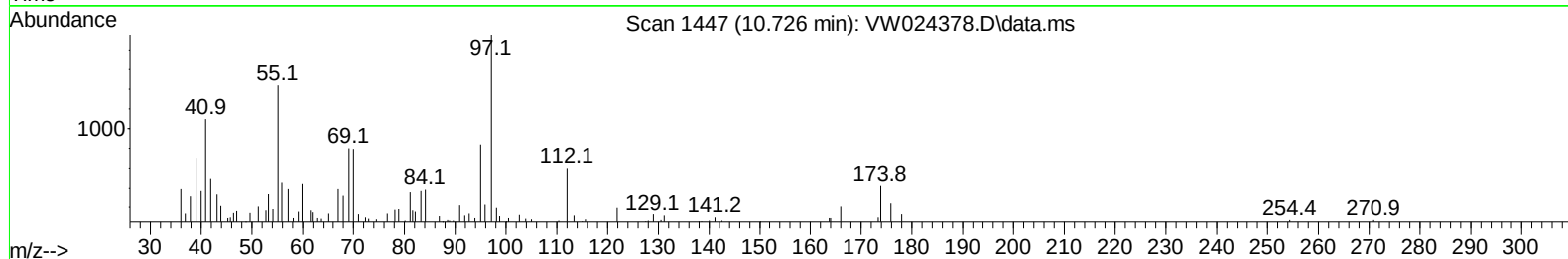
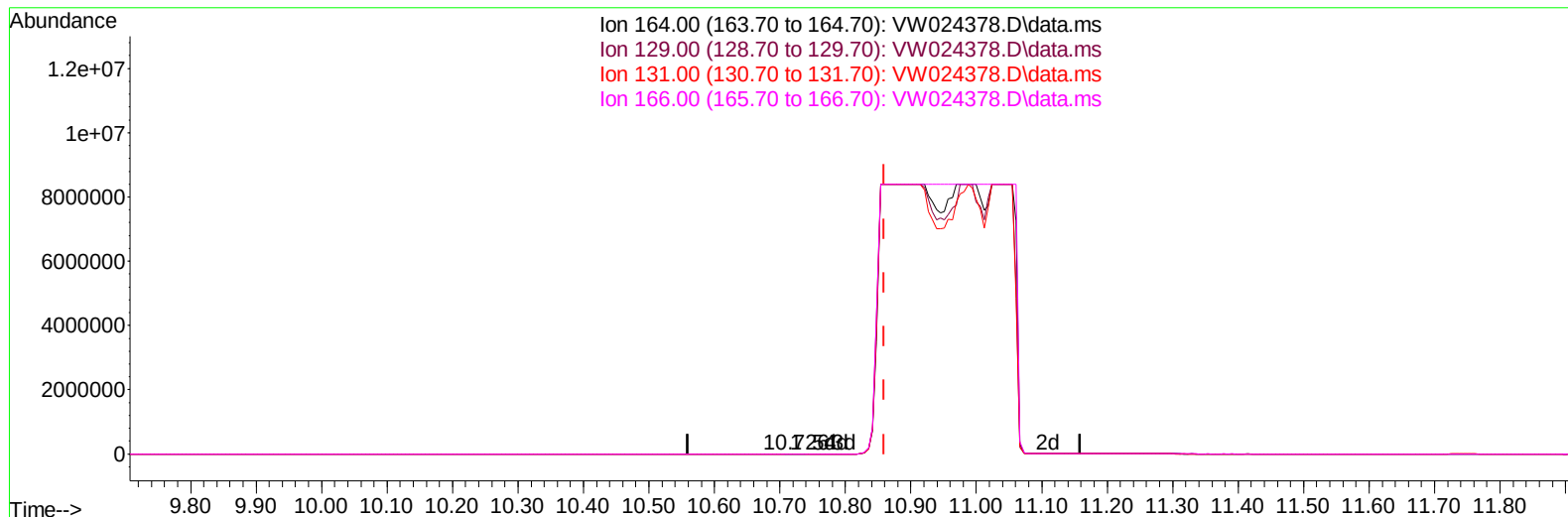
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Data File : VW024378.D  
Acq On : 27 Aug 2022 04:31  
Operator : SY/VA  
Sample : N4345-02  
Misc : 4.71g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DBVS2

## Manual IntegrationsAPPROVED

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Supervised By :Mahesh Dadoda 08/30/2022

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Quant Title : SFAM01.0  
QLast Update : Sat Aug 27 02:57:08 2022  
Response via : Initial Calibration



TIC: VW024378.D\data.ms

**(46) Tetrachloroethene (T)**

10.726min (-0.134) 0.10 ug/L

response 179

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 164.00 | 100.00 | 100.00 |
| 129.00 | 104.10 | 73.41  |
| 131.00 | 91.00  | 67.63  |
| 166.00 | 123.10 | 120.23 |

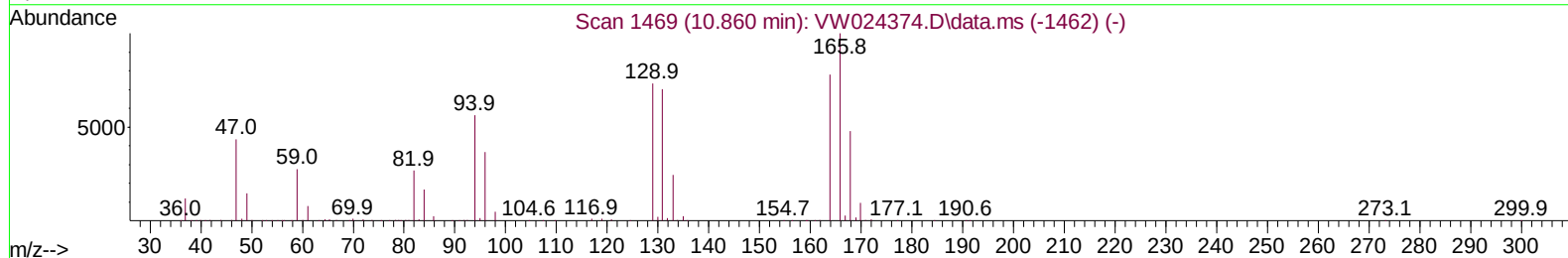
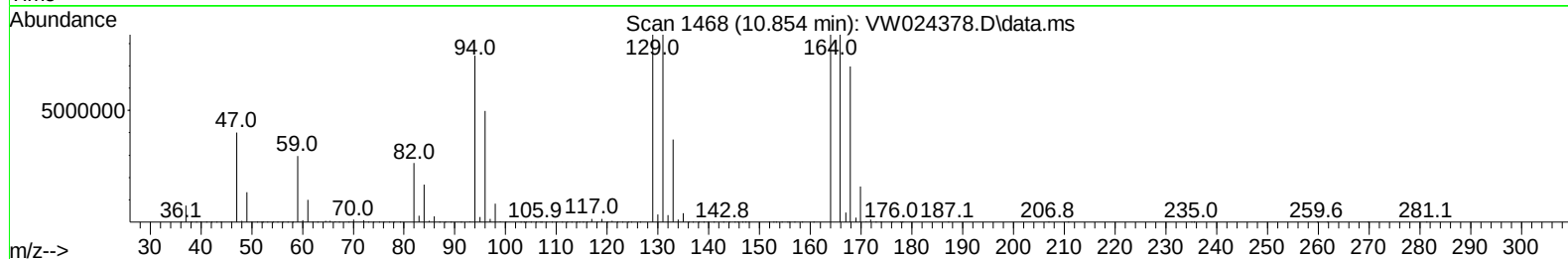
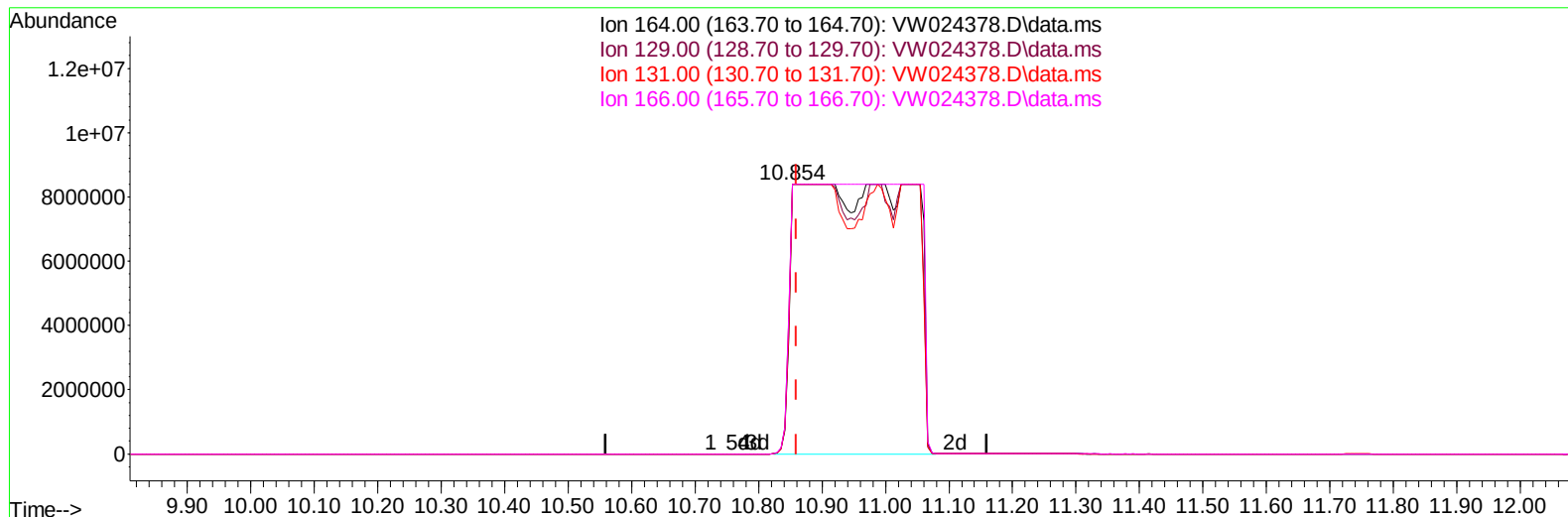
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 Data File : VW024378.D  
 Acq On : 27 Aug 2022 04:31  
 Operator : SY/VA  
 Sample : N4345-02  
 Misc : 4.71g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DBVS2

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/30/2022  
 Supervised By :Mahesh Dadoda 08/30/2022

Quant Time: Aug 27 05:43:18 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM082622SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Aug 27 02:57:08 2022  
 Response via : Initial Calibration



TIC: VW024378.D\data.ms

## (46) Tetrachloroethene (T)

10.854min (-0.006) 60046.18 ug/L m

response 106467566

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 164.00 | 100.00 | 100.00 |
| 129.00 | 104.10 | 100.00 |
| 131.00 | 91.00  | 100.00 |
| 166.00 | 123.10 | 100.00 |



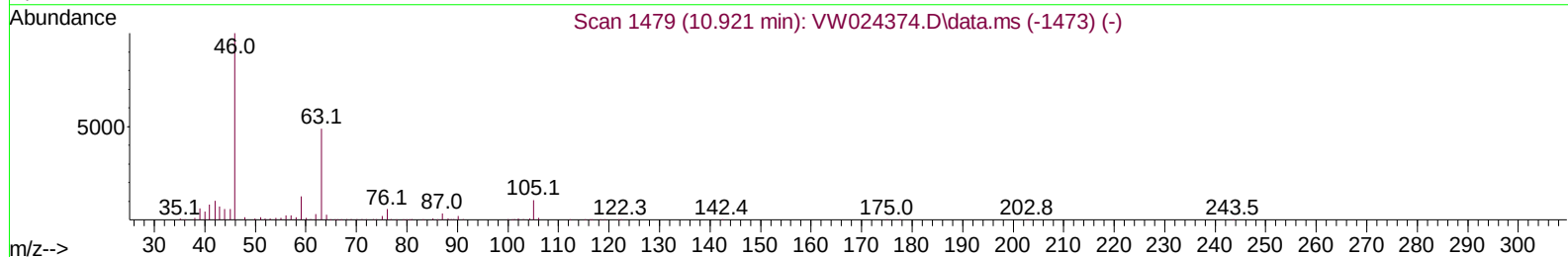
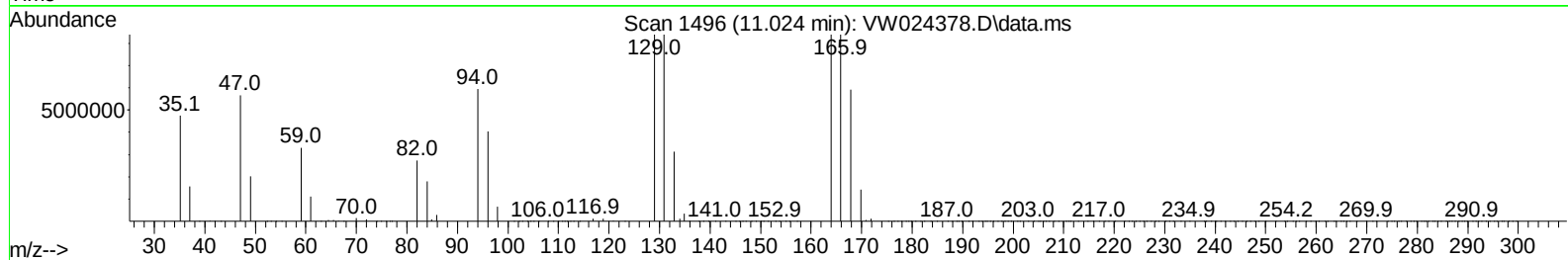
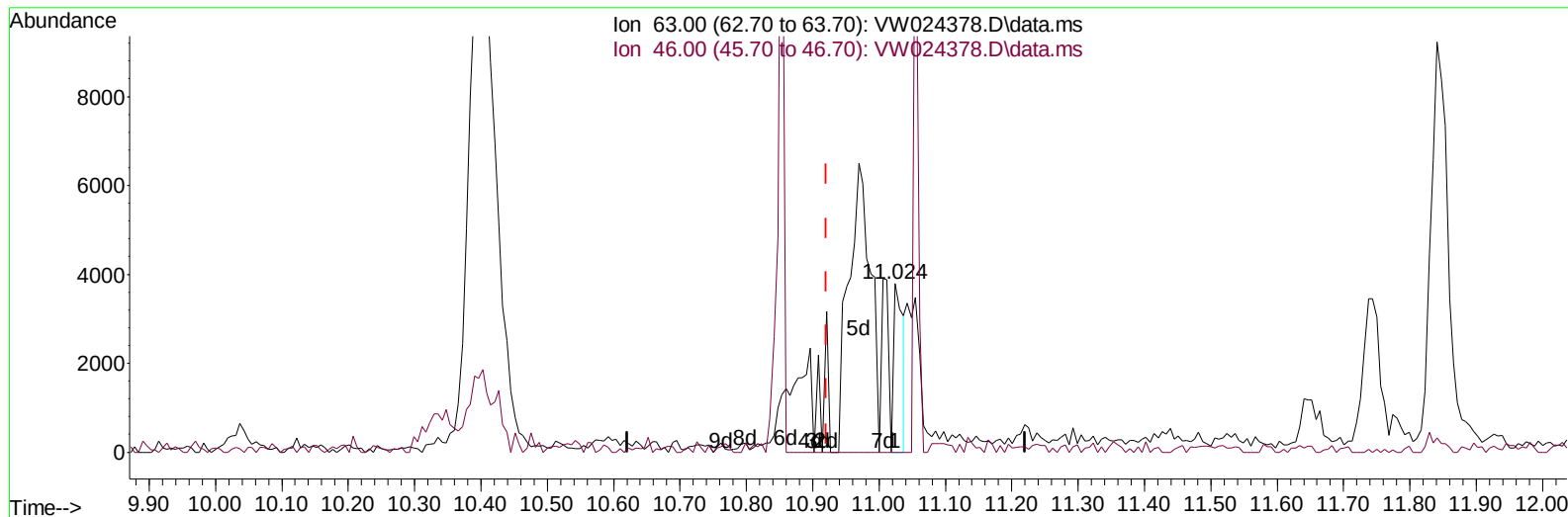
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 Data File : VW024378.D  
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 Misc : 4.71g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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Manual IntegrationsAPPROVED

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TIC: VW024378.D\data.ms

(47) 2-Hexanone-d5 (S)

11.024min (+ 0.104) 6.65 ug/L

response 3687

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 46.00 | 185.10 | 160.70 |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

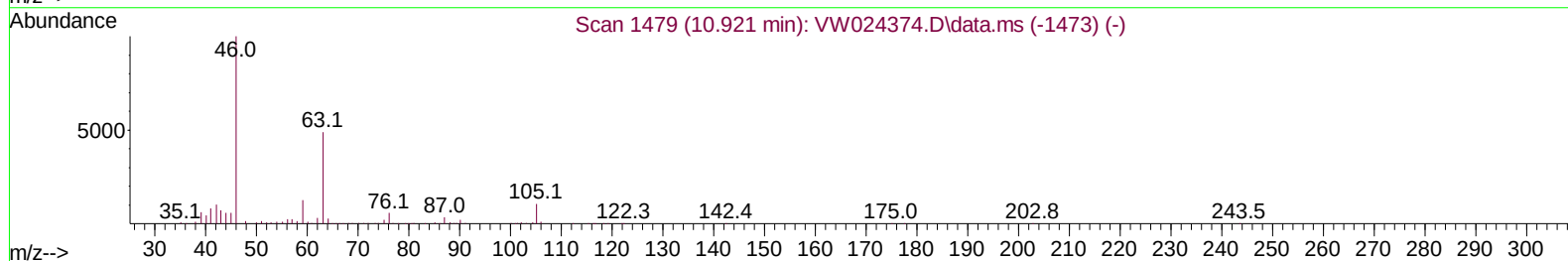
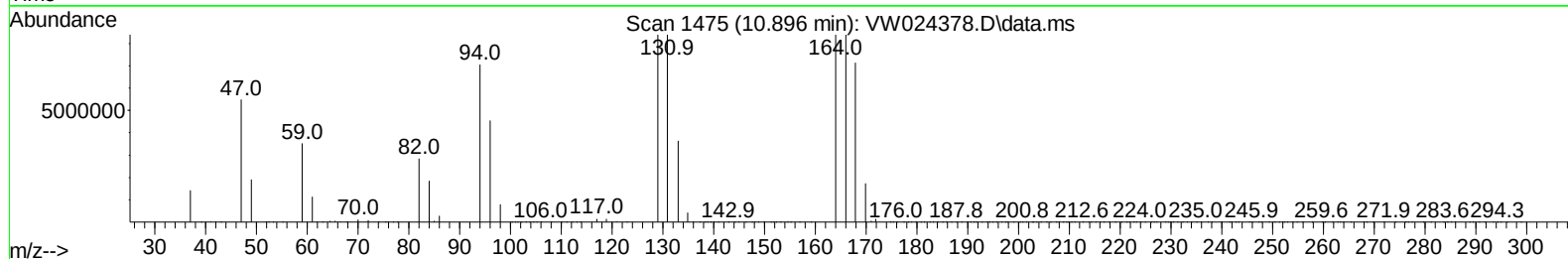
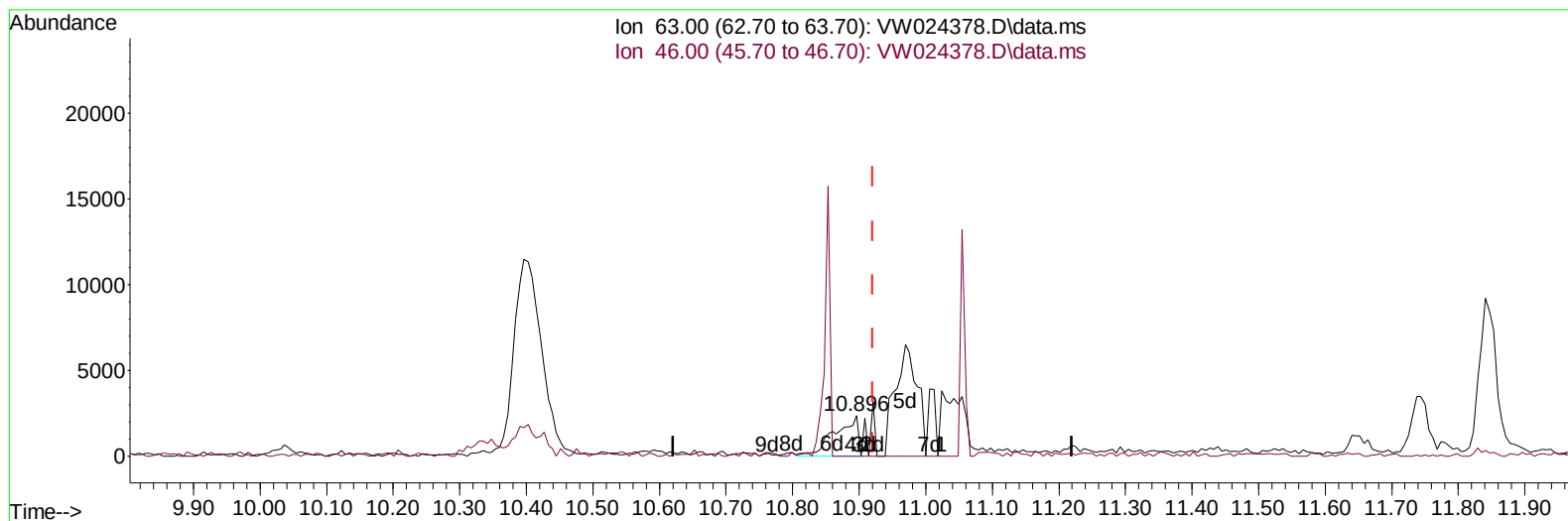
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Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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Manual IntegrationsAPPROVED

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TIC: VW024378.D\data.ms

(47) 2-Hexanone-d5 (S)

10.896min (-0.024) 10.00 ug/L m

response 5545

| Ion   | Exp%   | Act%    |
|-------|--------|---------|
| 63.00 | 100.00 | 100.00  |
| 46.00 | 185.10 | 106.85# |
| 0.00  | 0.00   | 0.00    |
| 0.00  | 0.00   | 0.00    |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082622\  
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| Compound                      | R.T.     | QIon  | Response   | Conc      | Units    | Dev(Min) |
|-------------------------------|----------|-------|------------|-----------|----------|----------|
| -----                         |          |       |            |           |          |          |
| Internal Standards            |          |       |            |           |          |          |
| 1) 1,4-Difluorobenzene        | 8.848    | 114   | 186172     | 25.000    | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.646   | 117   | 139129     | 25.000    | ug/L     | 0.01     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554   | 152   | 127944     | 25.000    | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |            |           |          |          |
| 4) Vinyl Chloride-d3          | 2.337    | 65    | 168175     | 32.770    | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery   | =         | 131.080% |          |
| 7) Chloroethane-d5            | 2.873    | 69    | 101968     | 26.519    | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery   | =         | 106.080% |          |
| 11) 1,1-Dichloroethene-d2     | 4.007    | 63    | 73114m     | 16.427    | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery   | =         | 65.720%  |          |
| 21) 2-Butanone-d5             | 7.086    | 46    | 25557m     | 27.037    | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery   | =         | 54.080%  |          |
| 24) Chloroform-d              | 7.653    | 84    | 82710      | 13.819    | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery   | =         | 55.280%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.311    | 65    | 58335m     | 16.072    | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery   | =         | 64.280%# |          |
| 32) Benzene-d6                | 8.281    | 84    | 196541     | 24.656    | ug/L     | 0.01     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery   | =         | 98.640%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.275    | 67    | 56372      | 22.739    | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery   | =         | 90.960%  |          |
| 41) Toluene-d8                | 10.335   | 98    | 182693     | 24.105    | ug/L     | 0.01     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery   | =         | 96.400%  |          |
| 43) trans-1,3-Dichloroprop... | 10.585   | 79    | 21935      | 18.907    | ug/L     | 0.01     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery   | =         | 75.640%  |          |
| 47) 2-Hexanone-d5             | 10.896   | 63    | 5545m      | 9.995     | ug/L     | -0.02    |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery   | =         | 20.000%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695   | 84    | 55045      | 19.611    | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery   | =         | 78.440%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853   | 152   | 85569      | 17.760    | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery   | =         | 71.040%# |          |
| Target Compounds              |          |       |            |           |          |          |
|                               |          |       |            |           | Qvalue   |          |
| 20) cis-1,2-Dichloroethene    | 7.171    | 96    | 9356       | 3.232     | ug/L     | 99       |
| 34) Trichloroethene           | 9.098    | 95    | 91073      | 39.891    | ug/L     | 94       |
| 35) Methylcyclohexane         | 9.342    | 83    | 3992       | 1.090     | ug/L #   | 80       |
| 42) Toluene                   | 10.402   | 91    | 316428     | 33.101    | ug/L     | 96       |
| 46) Tetrachloroethene         | 10.854   | 164   | 106467566m | 60046.181 | ug/L     |          |
| 51) Chlorobenzene             | 11.677   | 112   | 6794       | 1.059     | ug/L     | 94       |
| 52) Ethylbenzene              | 11.744   | 91    | 55905      | 5.290     | ug/L     | 97       |
| 53) m,p-Xylene                | 11.847   | 106   | 90215      | 21.735    | ug/L     | 90       |
| 54) o-Xylene                  | 12.170   | 106   | 57378      | 14.788    | ug/L     | 86       |
| 60) Isopropylbenzene          | 12.463   | 105   | 1091402    | 64.225    | ug/L     | 98       |
| 62) 1,3,5-Trimethylbenzene    | 12.945   | 105   | 527969     | 38.531    | ug/L     | 99       |
| 63) 1,2,4-Trimethylbenzene    | 13.249   | 105   | 1149078    | 86.336    | ug/L     | 97       |
| 65) 1,4-Dichlorobenzene       | 13.579   | 146   | 6218       | 0.725     | ug/L #   | 56       |
| -----                         |          |       |            |           |          |          |

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

