

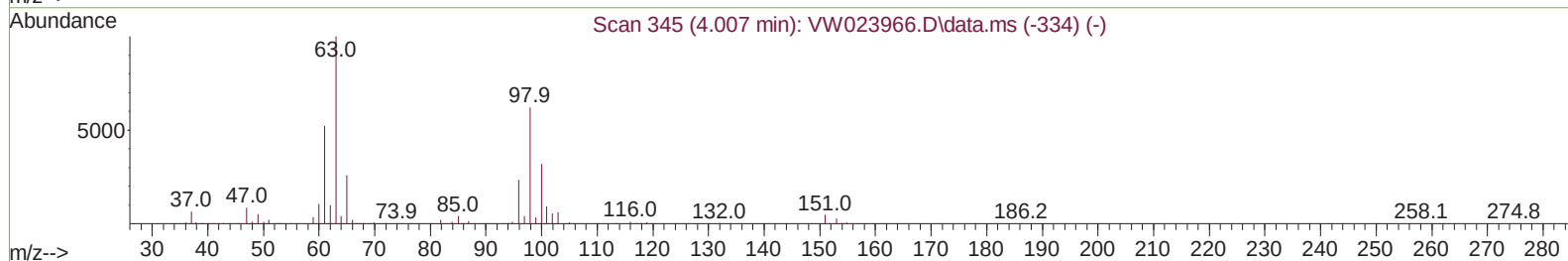
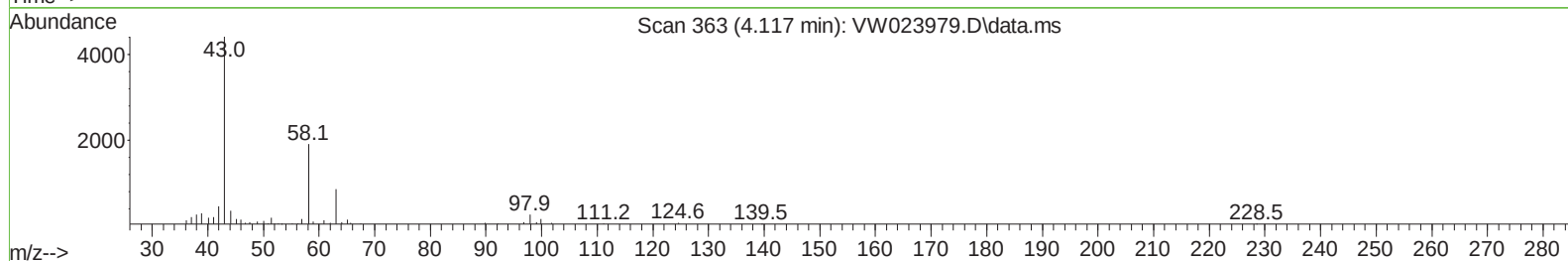
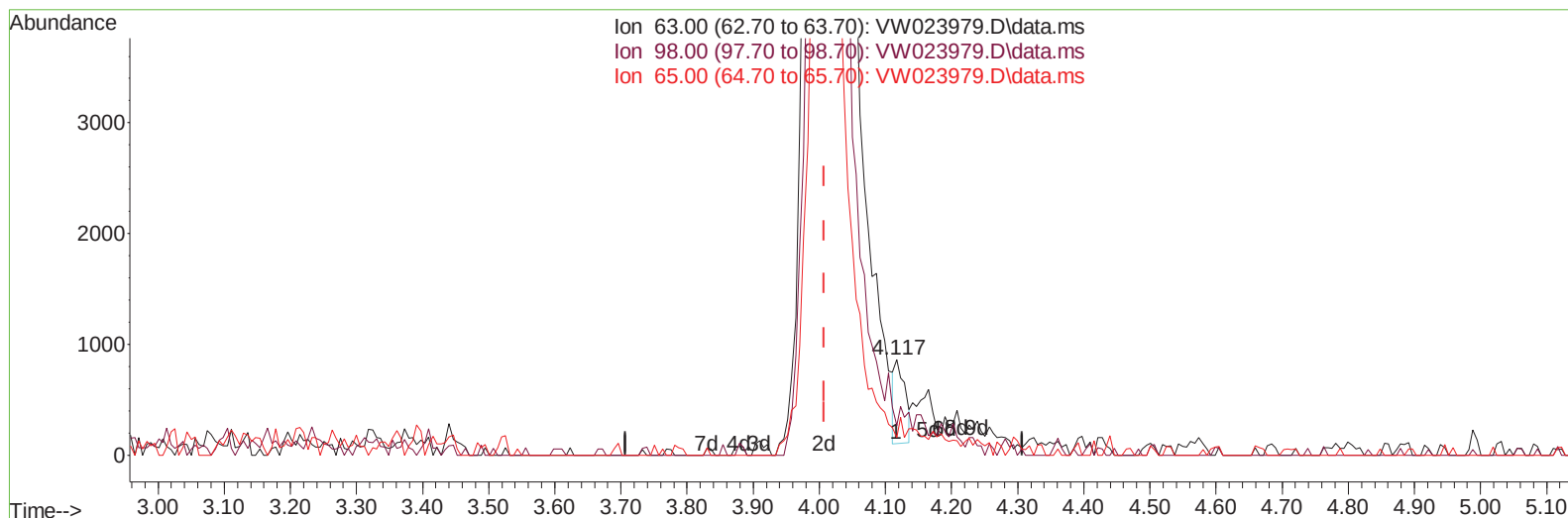
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072122\  
Data File : VW023979.D  
Acq On : 21 Jul 2022 13:59  
Operator : SY/VA  
Sample : N3722-10  
Misc : 6.19g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
F5C45

## Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 07/22/2022  
Supervised By :Semsettin Yesilyurt 07/22/2022

Quant Time: Jul 22 01:31:32 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Jul 22 01:28:21 2022  
Response via : Initial Calibration



TIC: VW023979.D\data.ms

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

4.117min (+ 0.109) 0.14 ug/L

response 805

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 98.00 | 68.20  | 62.61  |
| 65.00 | 24.10  | 22.61  |
| 0.00  | 0.00   | 0.00   |

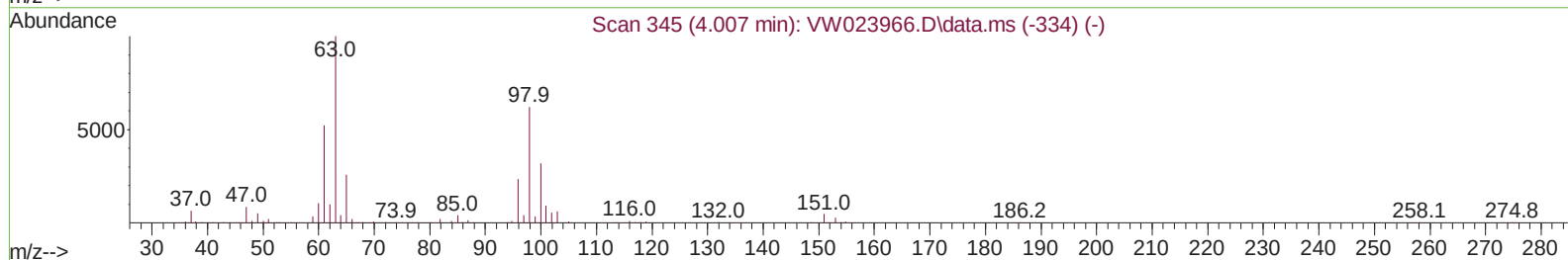
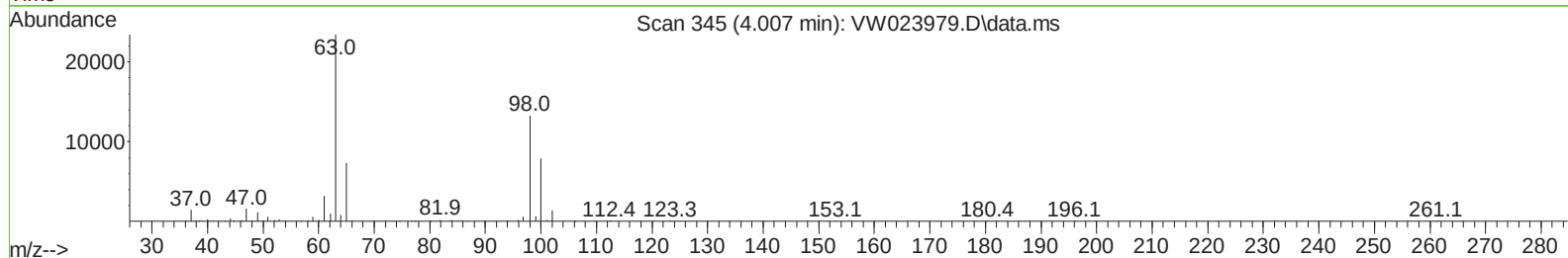
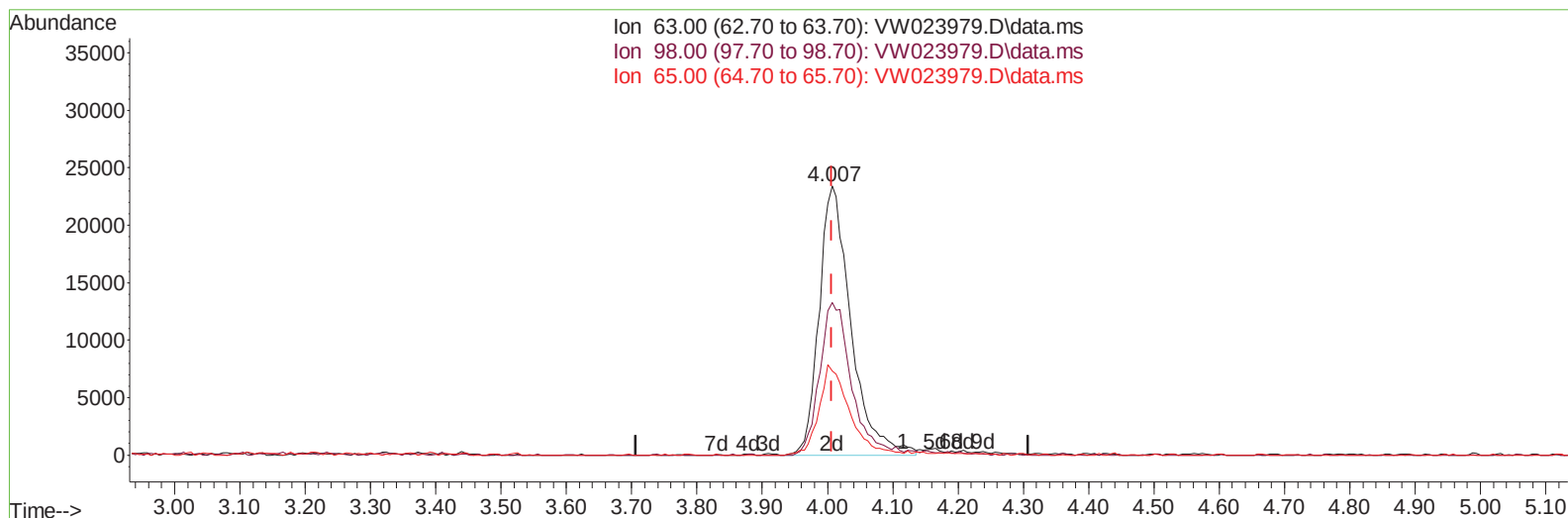
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TIC: VW023979.D\data.ms

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

4.007min (-0.000) 14.25 ug/L m

response 79371

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 98.00 | 68.20  | 0.63#  |
| 65.00 | 24.10  | 0.23#  |
| 0.00  | 0.00   | 0.00   |

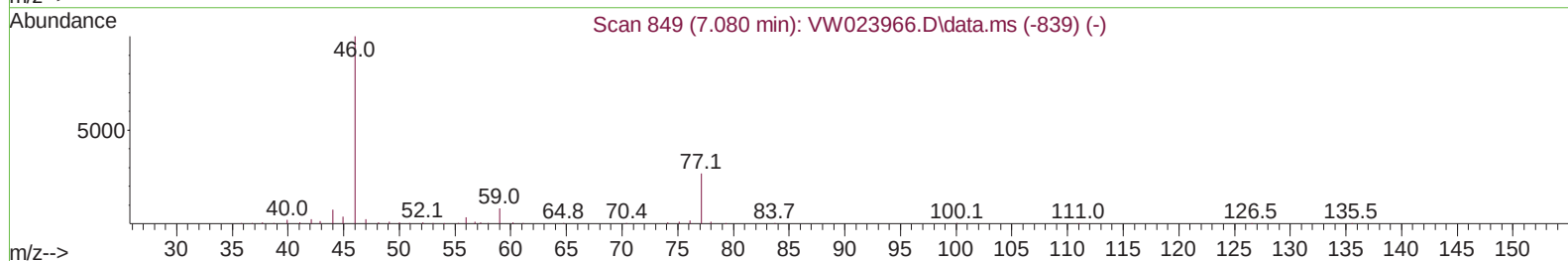
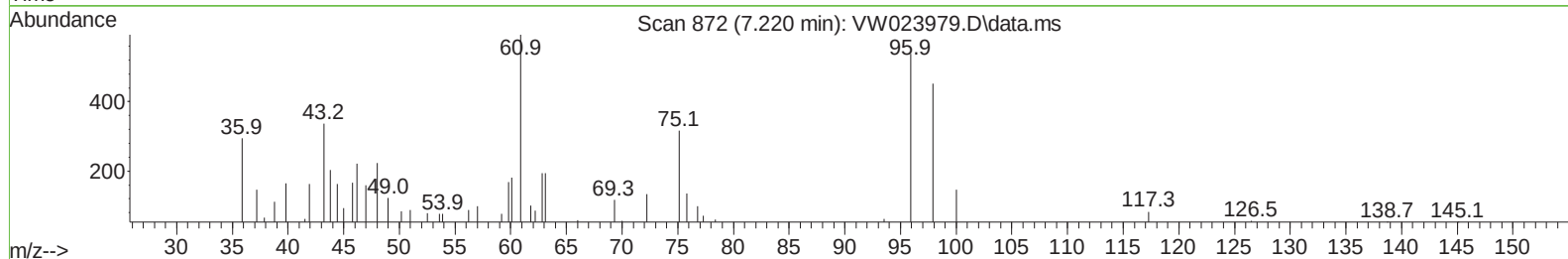
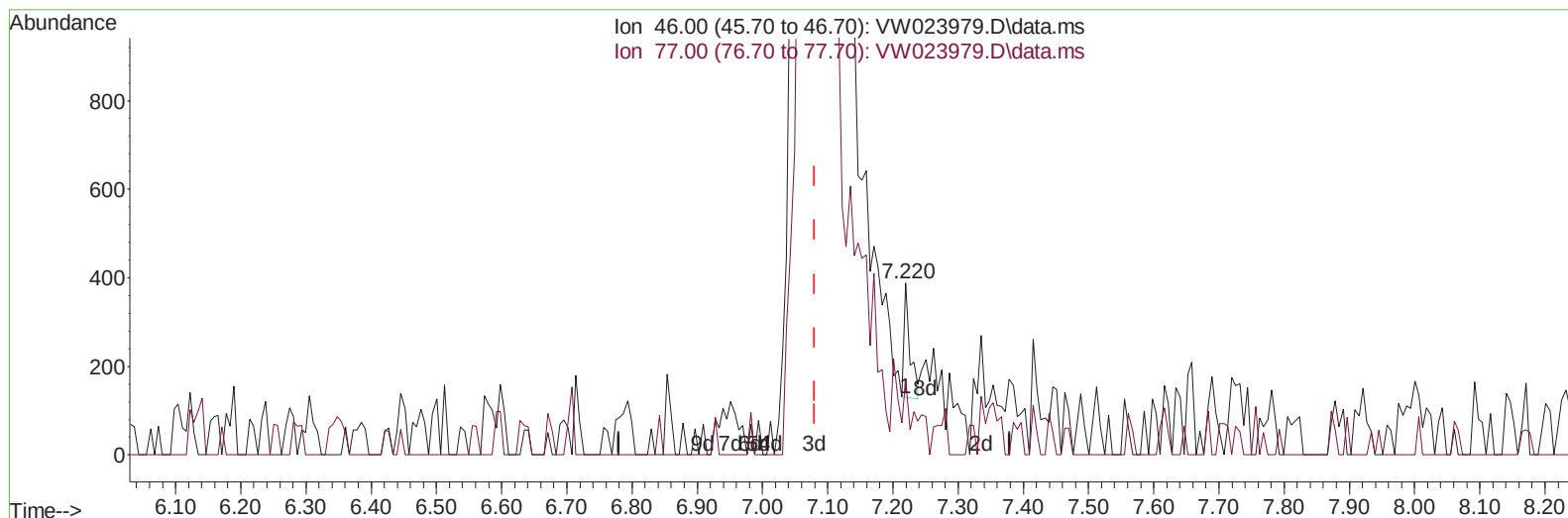
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Instrument :  
MSVOA\_W  
ClientSampleId :  
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Manual IntegrationsAPPROVED

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Quant Title : SFAM01.0  
QLast Update : Fri Jul 22 01:28:21 2022  
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TIC: VW023979.D\data.ms

(21) 2-Butanone-d5 (S)

7.220min (+ 0.140) 0.15 ug/L

response 163

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 25.70  | 25.77  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

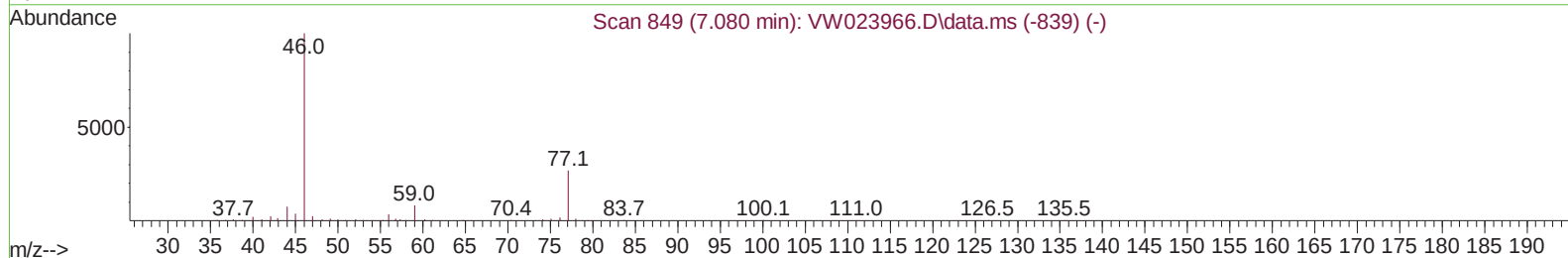
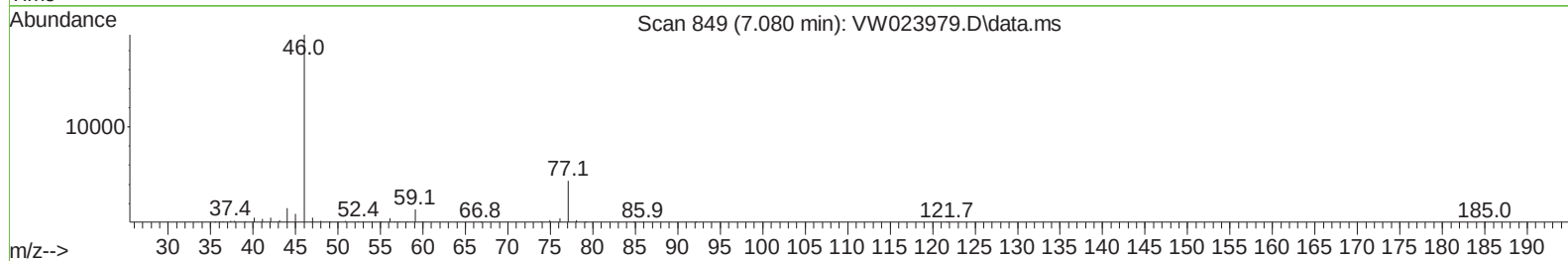
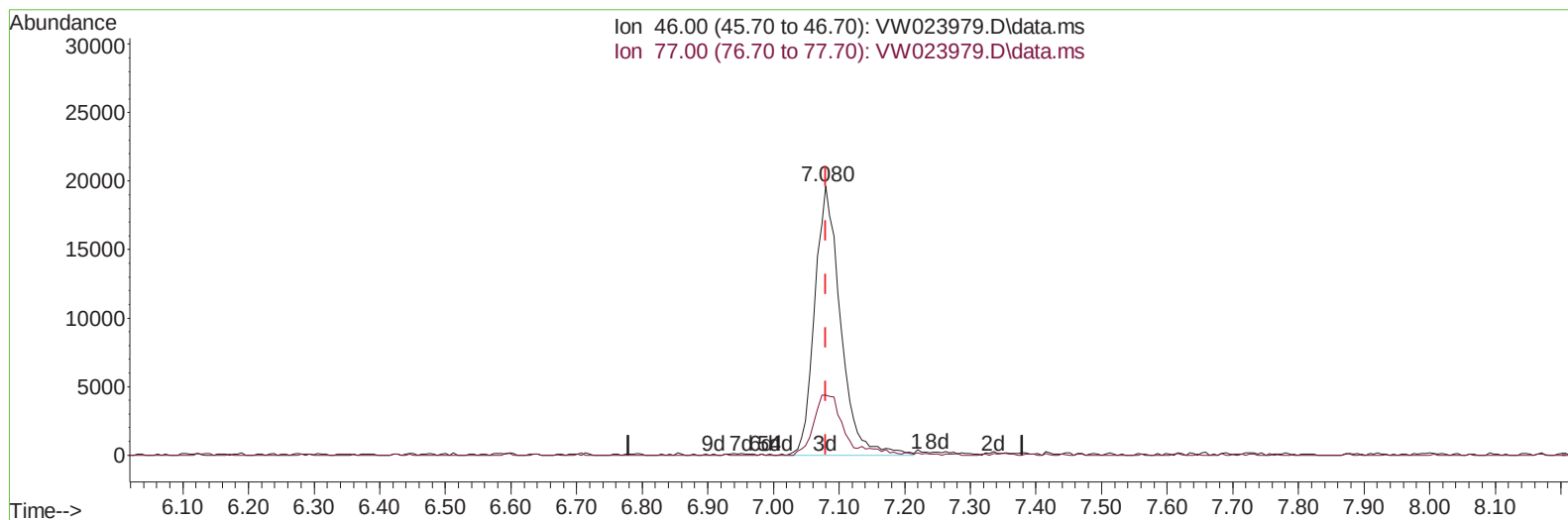
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072122\  
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 Acq On : 21 Jul 2022 13:59  
 Operator : SY/VA  
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 Misc : 6.19g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5C45

Manual IntegrationsAPPROVED

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TIC: VW023979.D\data.ms

(21) 2-Butanone-d5 (S)

7.080min (-0.000) 50.73 ug/L m

response 53833

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 25.70  | 0.08#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

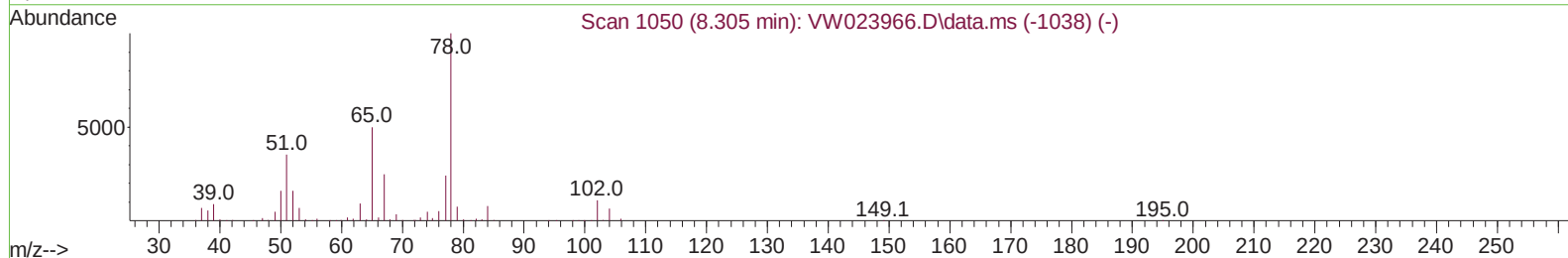
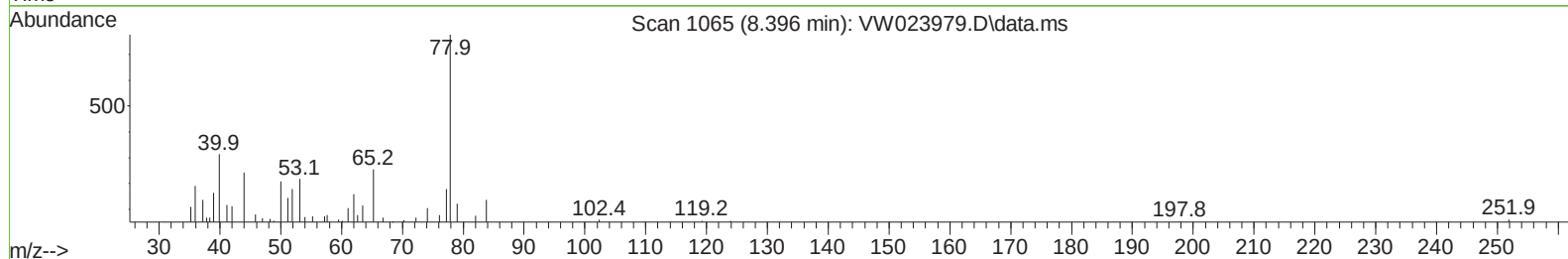
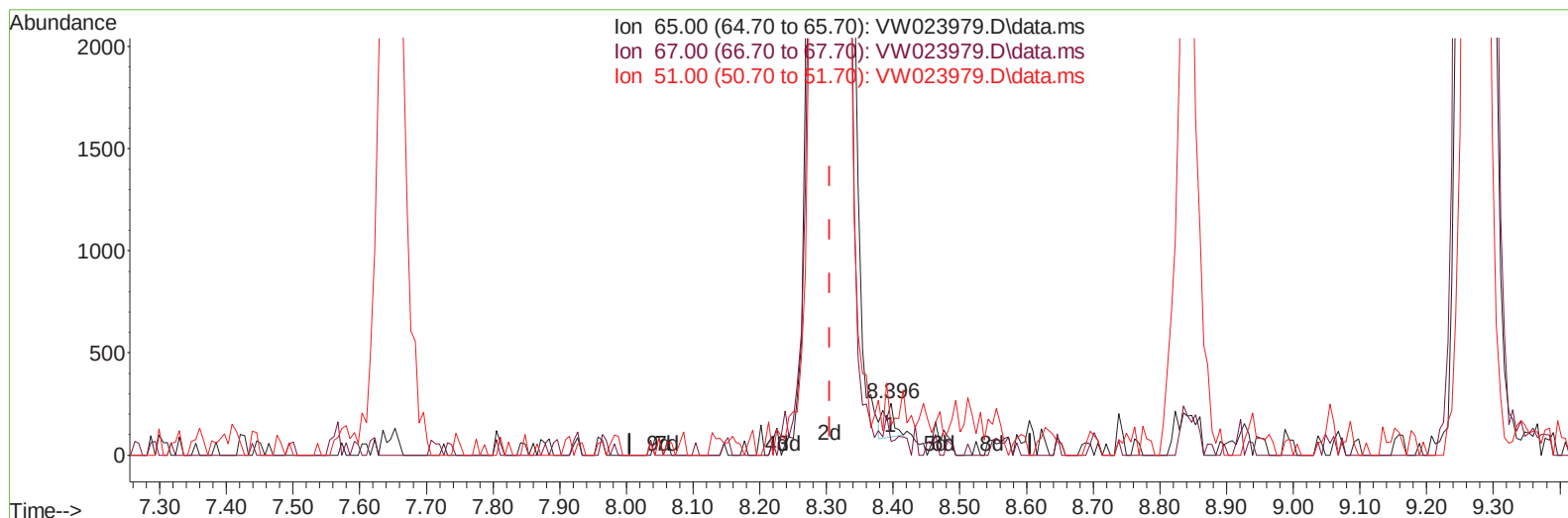
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072122\  
Data File : VW023979.D  
Acq On : 21 Jul 2022 13:59  
Operator : SY/VA  
Sample : N3722-10  
Misc : 6.19g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
F5C45

Manual IntegrationsAPPROVED

Quant Time: Jul 22 01:31:32 2022  
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Quant Title : SFAM01.0  
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Reviewed By :Mahesh Dadoda 07/22/2022  
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TIC: VW023979.D\data.ms

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

8.396min (+ 0.091) 0.04 ug/L

response 172

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 49.70  | 55.81  |
| 51.00 | 92.20  | 105.81 |
| 0.00  | 0.00   | 0.00   |

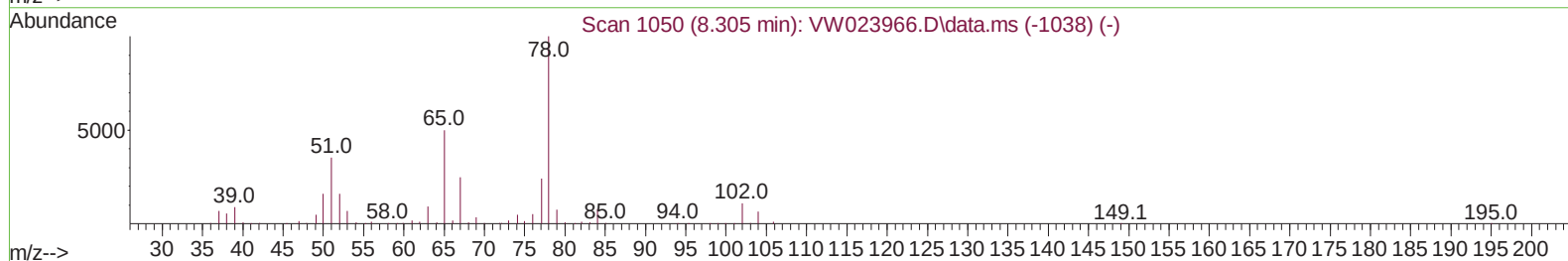
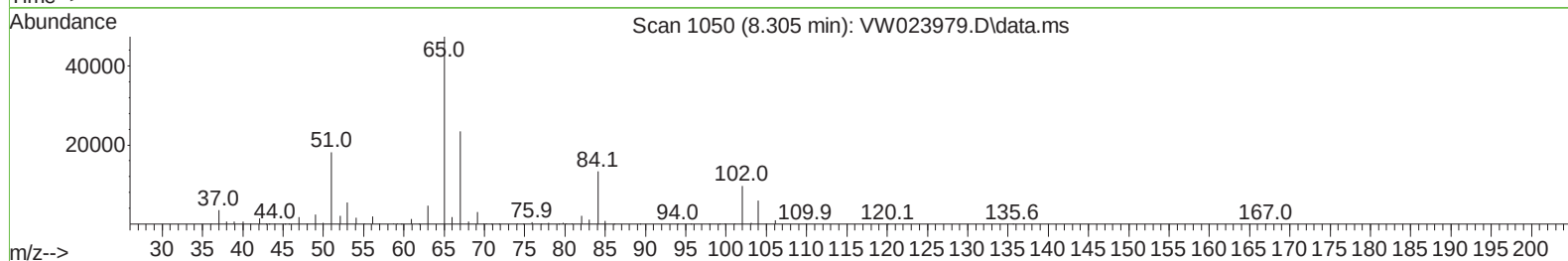
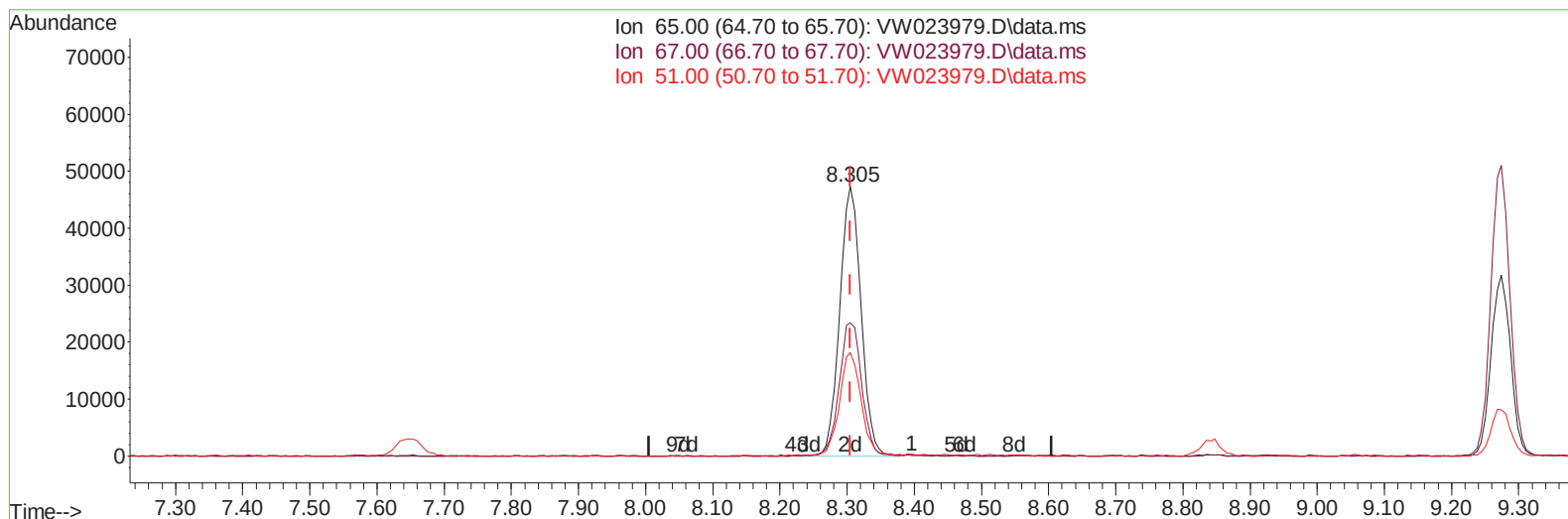
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072122\  
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 Misc : 6.19g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5C45

## Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 07/22/2022  
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Quant Time: Jul 22 01:31:32 2022  
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 Quant Title : SFAM01.0  
 QLast Update : Fri Jul 22 01:28:21 2022  
 Response via : Initial Calibration



TIC: VW023979.D\data.ms

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

8.305min (-0.000) 21.84 ug/L m

response 104182

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 49.70  | 0.09#  |
| 51.00 | 92.20  | 0.17#  |
| 0.00  | 0.00   | 0.00   |

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 Sample : N3722-10  
 Misc : 6.19g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5C45

## Manual IntegrationsAPPROVED

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Quant Time: Jul 22 01:31:32 2022  
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| Compound                      | R.T.     | QIon  | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|----------|----------|
| -----                         |          |       |          |        |          |          |
| Internal Standards            |          |       |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.841    | 114   | 267864   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.628   | 117   | 286796   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554   | 152   | 111805   | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.343    | 65    | 124716   | 18.229 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 72.920%  |          |
| 7) Chloroethane-d5            | 2.879    | 69    | 101668   | 22.276 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 89.120%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.007    | 63    | 79371m   | 14.247 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 57.000%  |          |
| 21) 2-Butanone-d5             | 7.080    | 46    | 53833m   | 50.729 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 101.460% |          |
| 24) Chloroform-d              | 7.647    | 84    | 174366   | 22.358 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 89.440%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.305    | 65    | 104182m  | 21.842 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 87.360%  |          |
| 32) Benzene-d6                | 8.274    | 84    | 314762   | 21.113 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 84.440%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.274    | 67    | 101596   | 22.623 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 90.480%  |          |
| 41) Toluene-d8                | 10.323   | 98    | 291377   | 19.268 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 77.080%  |          |
| 43) trans-1,3-Dichloroprop... | 10.579   | 79    | 39454    | 18.743 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 74.960%  |          |
| 47) 2-Hexanone-d5             | 10.920   | 63    | 45519    | 48.203 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 96.400%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688   | 84    | 110429   | 22.251 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 89.000%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853   | 152   | 104771   | 26.250 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 105.000% |          |
| Target Compounds              |          |       |          |        |          |          |
| 5) Vinyl chloride             | 2.349    | 62    | 12907    | 1.686  | ug/L #   | 75       |
| 13) Acetone                   | 4.123    | 43    | 16083    | 21.436 | ug/L     | 67       |
| 20) cis-1,2-Dichloroethene    | 7.165    | 96    | 78780    | 20.641 | ug/L #   | 100      |
| -----                         |          |       |          |        |          |          |

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

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