

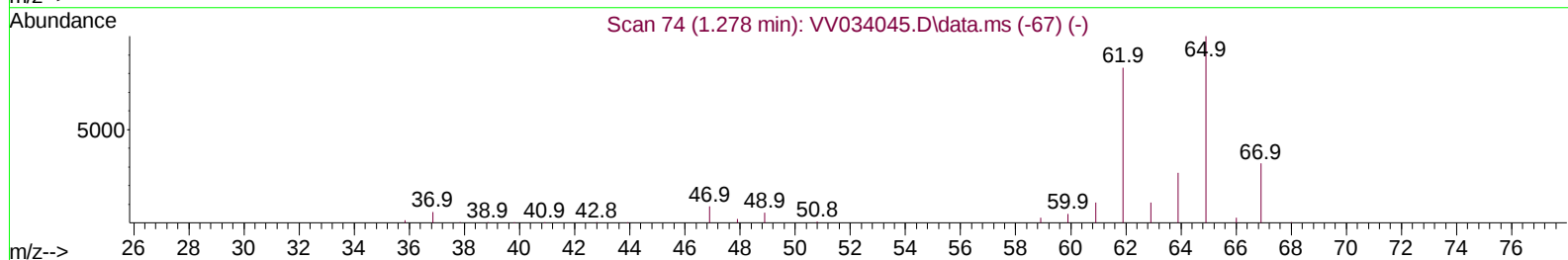
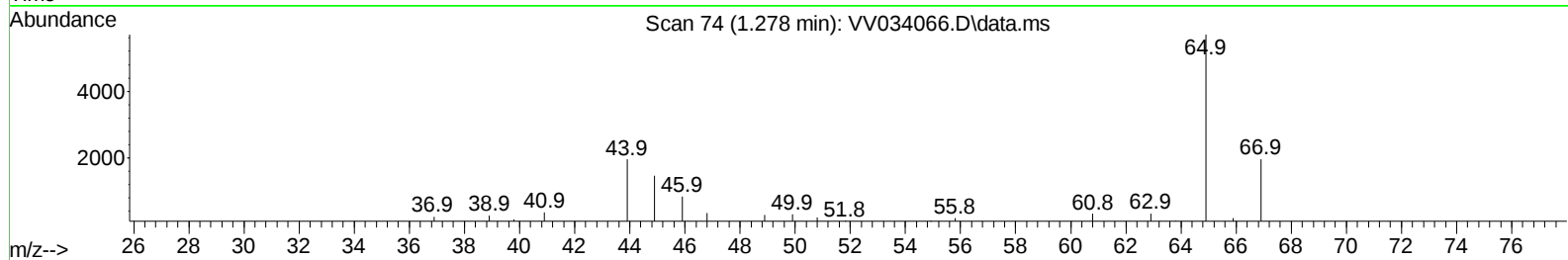
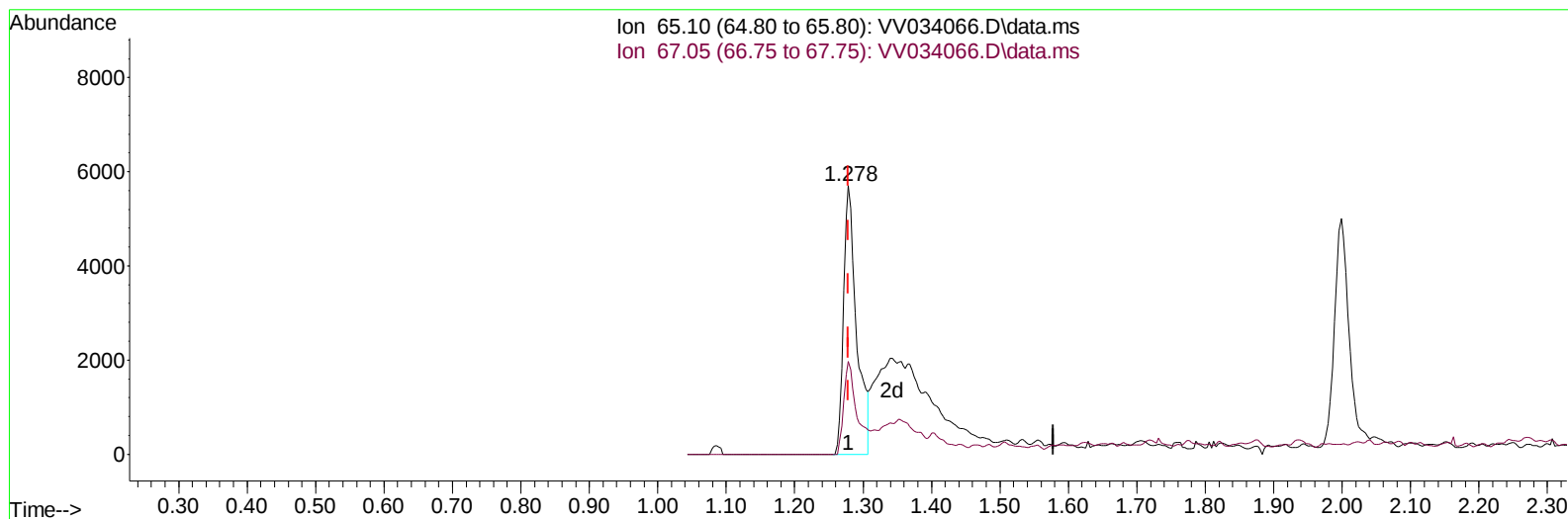
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV020824\  
Data File : VV034066.D  
Acq On : 08 Feb 2024 18:08  
Operator : SY/MD  
Sample : P1400-15  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AG9

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 02/09/2024  
Supervised By :Mahesh Dadoda 02/09/2024

Quant Time: Feb 09 01:50:25 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012524WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Feb 09 00:39:09 2024  
Response via : Initial Calibration



TIC: VV034066.D\data.ms

## (4) Vinyl Chloride-d3 (S)

1.278min (+ 0.000) 1.02 ug/L

response 7592

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.10 | 100.00 | 100.00 |
| 67.05 | 31.40  | 35.70  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

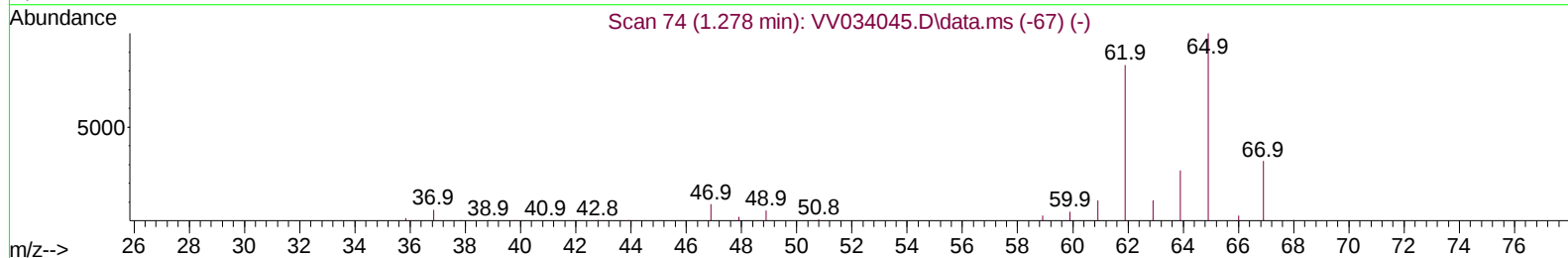
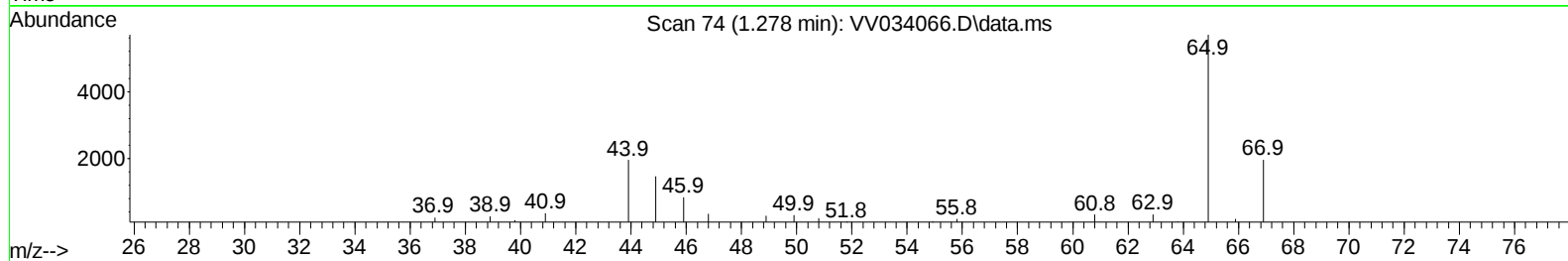
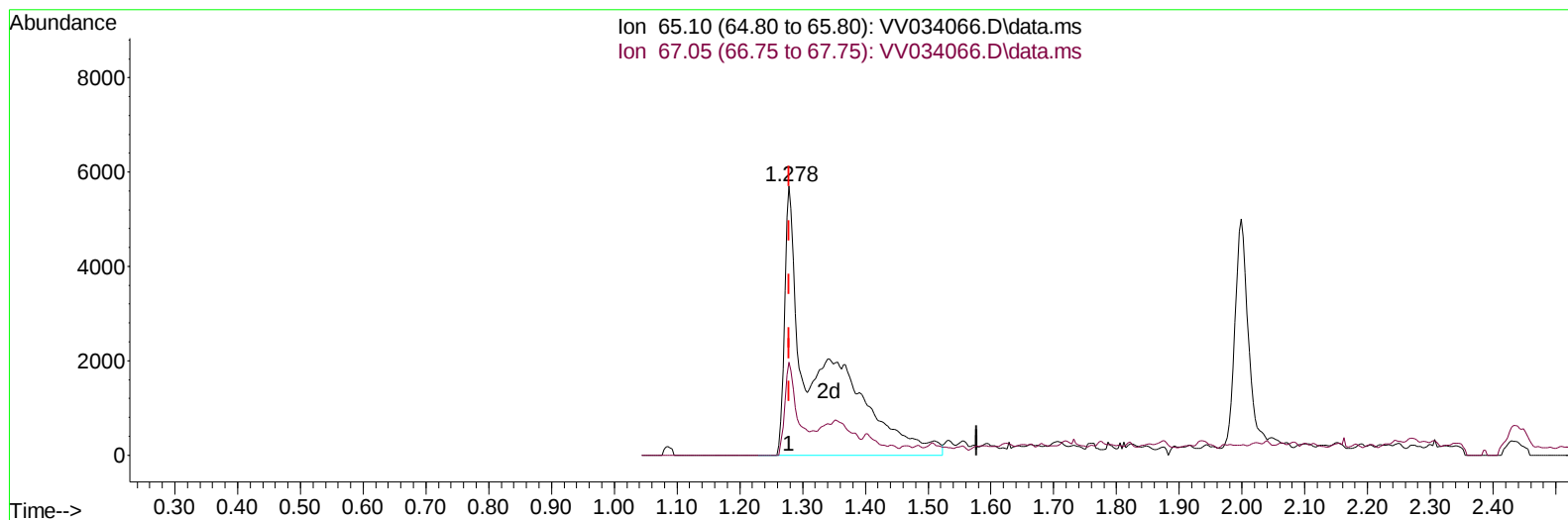
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TIC: VV034066.D\data.ms

(4) Vinyl Chloride-d3 (S)

1.278min (+ 0.000) 2.75 ug/L m

response 20500

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.10 | 100.00 | 100.00 |
| 67.05 | 31.40  | 13.22# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

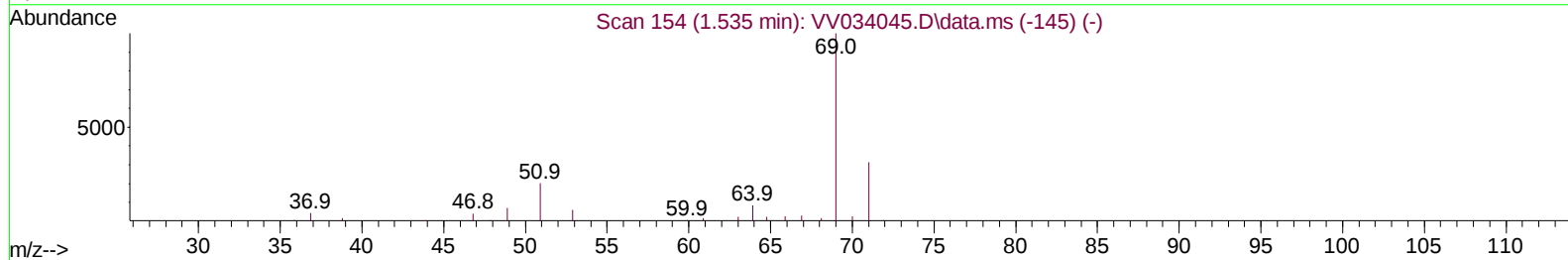
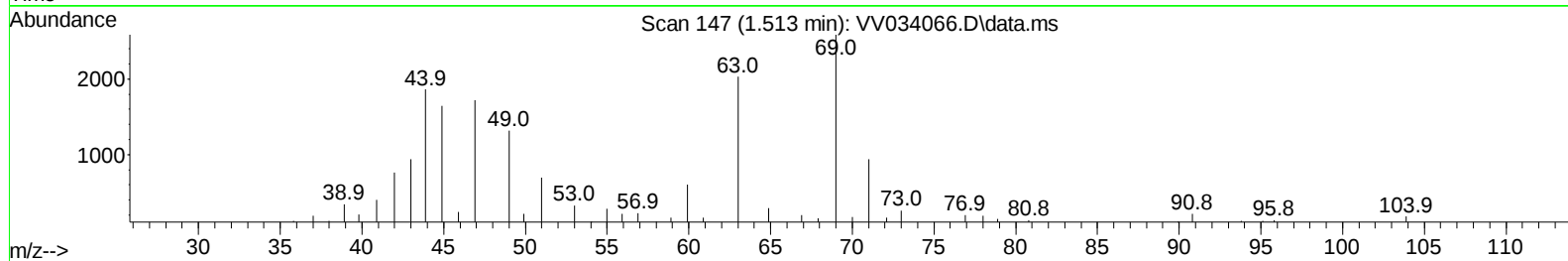
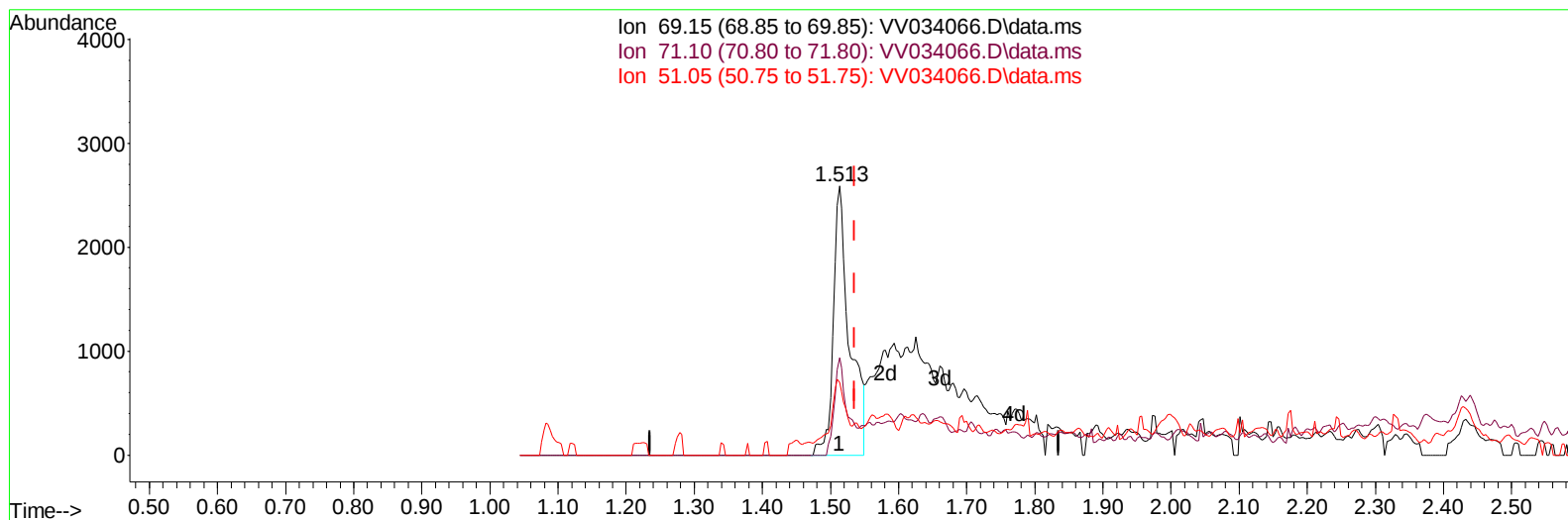
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV020824\  
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Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
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Manual IntegrationsAPPROVED

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Quant Title : TRACE VOA SFAM1.0  
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TIC: VV034066.D\data.ms

(7) Chloroethane-d5 (S)

1.513min (-0.022) 0.66 ug/L

response 4292

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 69.15 | 100.00 | 100.00 |
| 71.10 | 32.00  | 29.03  |
| 51.05 | 29.00  | 20.27# |
| 0.00  | 0.00   | 0.00   |

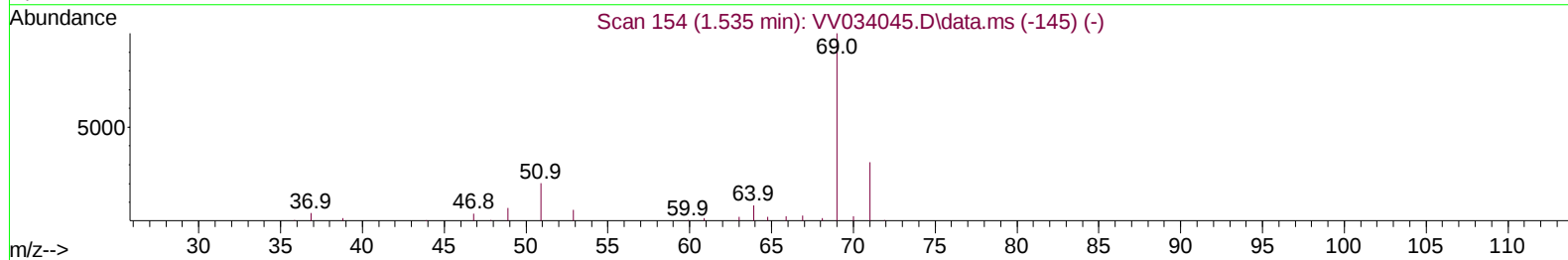
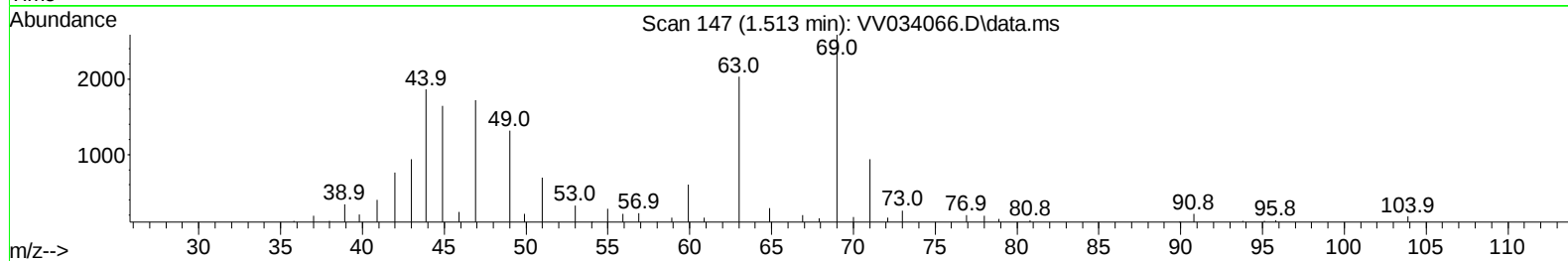
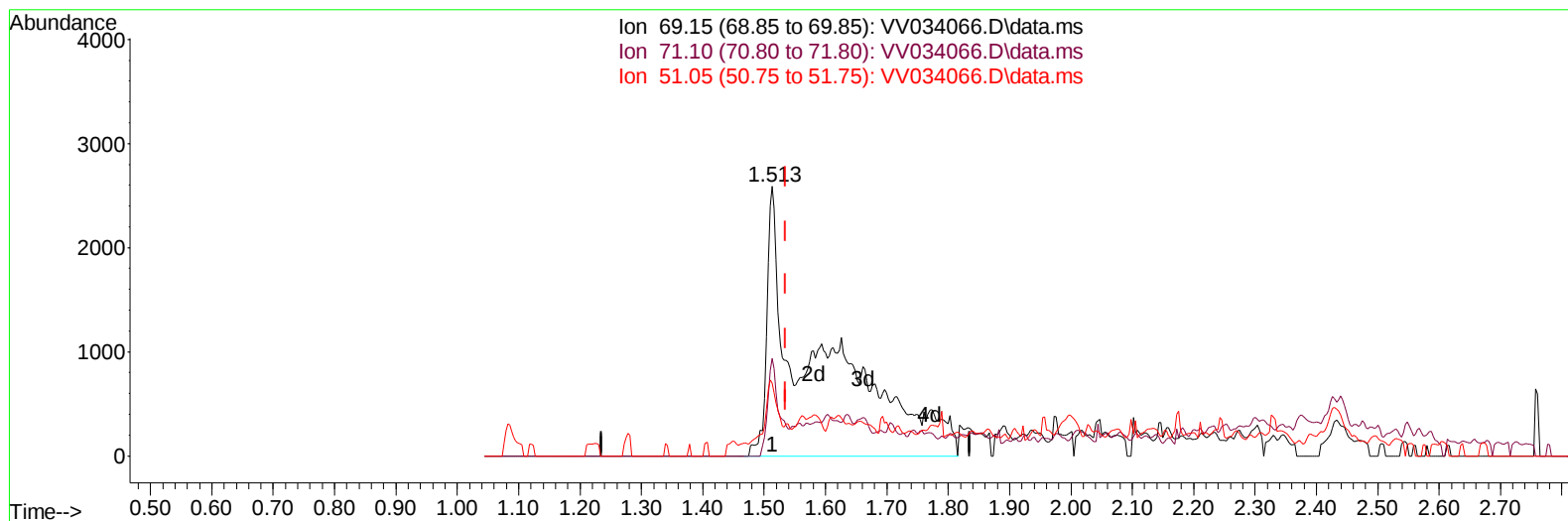
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV020824\  
Data File : VV034066.D  
Acq On : 08 Feb 2024 18:08  
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Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AG9

Manual IntegrationsAPPROVED

Quant Time: Feb 09 01:50:25 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR012524WMA.M  
Quant Title : TRACE VOA SFAM1.0  
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Supervised By :Mahesh Dadoda 02/09/2024



TIC: VV034066.D\data.ms

(7) Chloroethane-d5 (S)

1.513min (-0.022) 2.24 ug/L m

response 14591

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 69.15 | 100.00 | 100.00 |
| 71.10 | 32.00  | 8.54#  |
| 51.05 | 29.00  | 5.96#  |
| 0.00  | 0.00   | 0.00   |

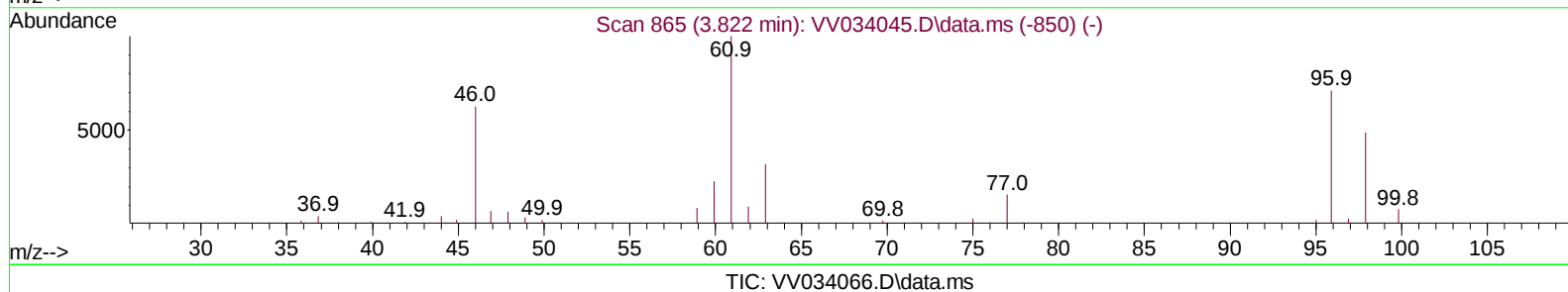
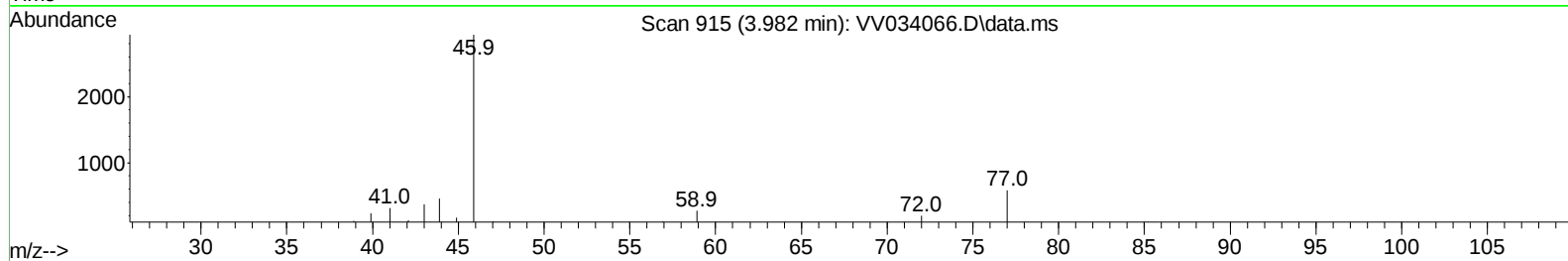
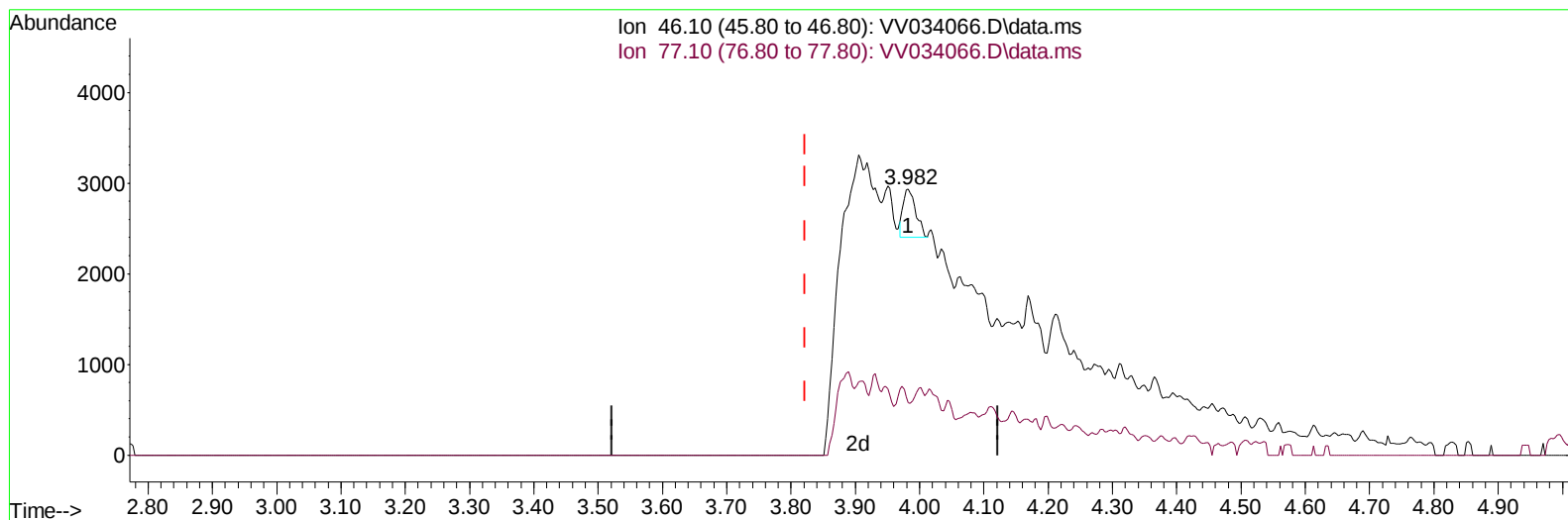
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV020824\  
Data File : VV034066.D  
Acq On : 08 Feb 2024 18:08  
Operator : SY/MD  
Sample : P1400-15  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
C0AG9

Manual IntegrationsAPPROVED

Quant Time: Feb 09 01:50:25 2024  
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Quant Title : TRACE VOA SFAM1.0  
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Reviewed By :Semsettin Yesilyurt 02/09/2024  
Supervised By :Mahesh Dadoda 02/09/2024



(20) 2-Butanone-d5 (S)

3.982min (+ 0.161) 0.58 ug/L

response 728

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.10 | 100.00 | 100.00 |
| 77.10 | 22.80  | 25.27  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

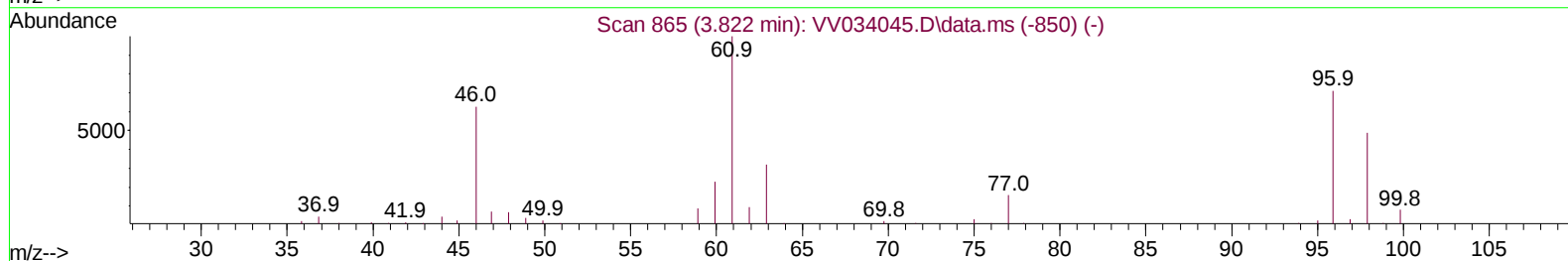
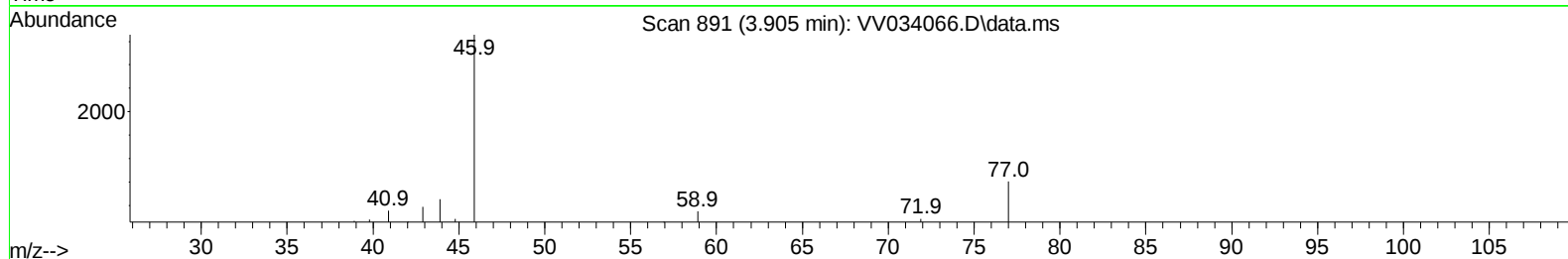
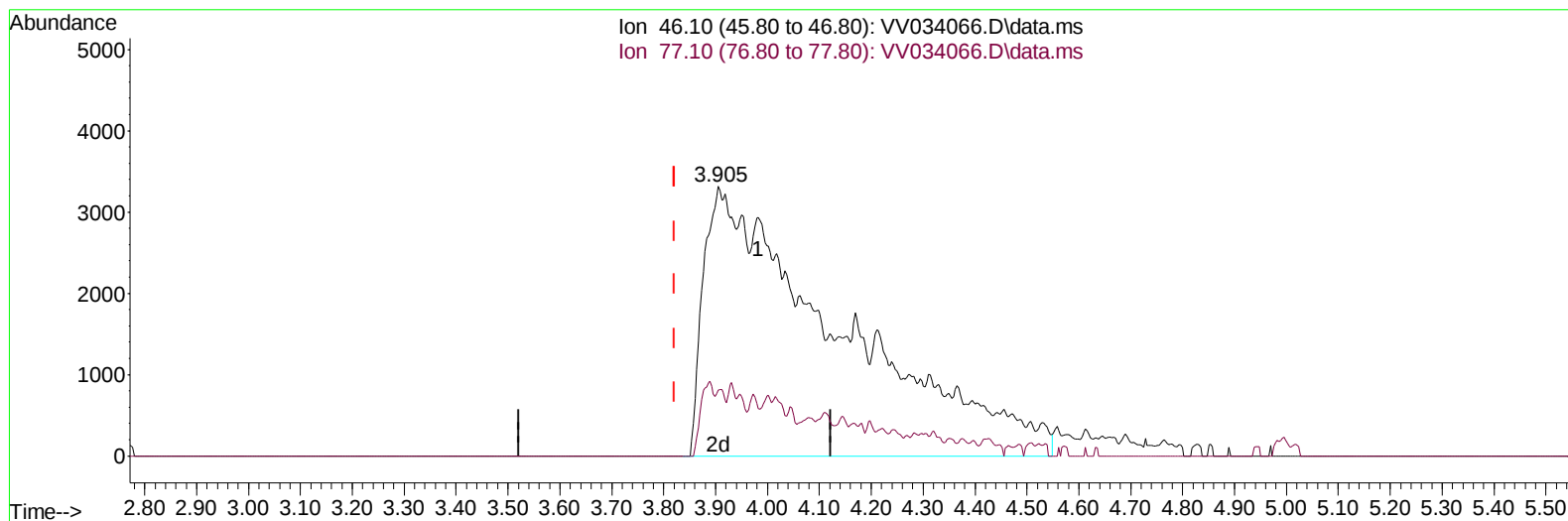
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 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AG9

Manual IntegrationsAPPROVED

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 Quant Title : TRACE VOA SFAM1.0  
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 Supervised By :Mahesh Dadoda 02/09/2024



TIC: VV034066.D\data.ms

**(20) 2-Butanone-d5 (S)**

**3.905min (+ 0.084) 47.77 ug/L m**

**response 59709**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.10 | 100.00 | 100.00 |
| 77.10 | 22.80  | 0.31#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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Instrument :  
 MSVOA\_V  
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Manual IntegrationsAPPROVED

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| Compound                      | R.T.     | QIon  | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|----------|----------|
| -----                         |          |       |          |        |          |          |
| Internal Standards            |          |       |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.526    | 114   | 96098    | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.786    | 117   | 88865    | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191   | 152   | 44597    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.278    | 65    | 20500m   | 2.754  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 40 | - 130 | Recovery | =      | 55.000%  |          |
| 7) Chloroethane-d5            | 1.513    | 69    | 14591m   | 2.238  | ug/L     | -0.02    |
| Spiked Amount 5.000           | Range 65 | - 130 | Recovery | =      | 44.800%# |          |
| 11) 1,1-Dichloroethene-d2     | 1.999    | 65    | 7215     | 2.010  | ug/L     | -0.06    |
| Spiked Amount 5.000           | Range 60 | - 125 | Recovery | =      | 40.200%# |          |
| 20) 2-Butanone-d5             | 3.905    | 46    | 59709m   | 47.769 | ug/L     | 0.08     |
| Spiked Amount 50.000          | Range 40 | - 130 | Recovery | =      | 95.540%  |          |
| 24) Chloroform-d              | 4.240    | 84    | 52412    | 3.875  | ug/L     | -0.01    |
| Spiked Amount 5.000           | Range 70 | - 125 | Recovery | =      | 77.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 4.944    | 65    | 26466    | 4.188  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 130 | Recovery | =      | 83.800%  |          |
| 32) Benzene-d6                | 4.941    | 84    | 106027   | 3.977  | ug/L     | -0.02    |
| Spiked Amount 5.000           | Range 70 | - 125 | Recovery | =      | 79.600%  |          |
| 36) 1,2-Dichloropropane-d6    | 5.986    | 67    | 29746    | 3.991  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 60 | - 140 | Recovery | =      | 79.800%  |          |
| 41) Toluene-d8                | 7.243    | 98    | 93971    | 3.835  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 70 | - 130 | Recovery | =      | 76.600%  |          |
| 43) trans-1,3-Dichloroprop... | 7.564    | 79    | 10845    | 3.854  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 55 | - 130 | Recovery | =      | 77.000%  |          |
| 46) 2-Hexanone-d5             | 8.063    | 63    | 42458    | 42.264 | ug/L     | 0.04     |
| Spiked Amount 50.000          | Range 45 | - 130 | Recovery | =      | 84.520%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.165   | 84    | 17049    | 3.773  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 65 | - 120 | Recovery | =      | 75.400%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.564   | 152   | 32403    | 3.995  | ug/L     | 0.00     |
| Spiked Amount 5.000           | Range 80 | - 120 | Recovery | =      | 80.000%  |          |
| Target Compounds              |          |       |          |        |          |          |
|                               |          |       |          |        |          | Qvalue   |
| 3) Chloromethane              | 1.214    | 50    | 5194     | 0.541  | ug/L     | 99       |
| 6) Bromomethane               | 1.474    | 94    | 1646     | 0.341  | ug/L     | 98       |
| 42) Toluene                   | 7.320    | 91    | 11512    | 0.404  | ug/L     | 97       |
| 51) Chlorobenzene             | 8.821    | 112   | 4252     | 0.236  | ug/L     | 91       |
| 52) Ethylbenzene              | 8.957    | 91    | 8761     | 0.267  | ug/L     | 96       |
| 53) m,p-Xylene                | 9.079    | 106   | 6531     | 0.527  | ug/L     | 96       |
| 54) o-Xylene                  | 9.484    | 106   | 6605     | 0.553  | ug/L     | 94       |
| 55) Styrene                   | 9.506    | 104   | 12671    | 0.662  | ug/L     | 95       |
| 60) Isopropylbenzene          | 9.873    | 105   | 6160     | 0.187  | ug/L #   | 81       |
| 63) 1,2,4-Trimethylbenzene    | 10.860   | 105   | 3727     | 0.137  | ug/L     | 96       |
| -----                         |          |       |          |        |          |          |

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

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