

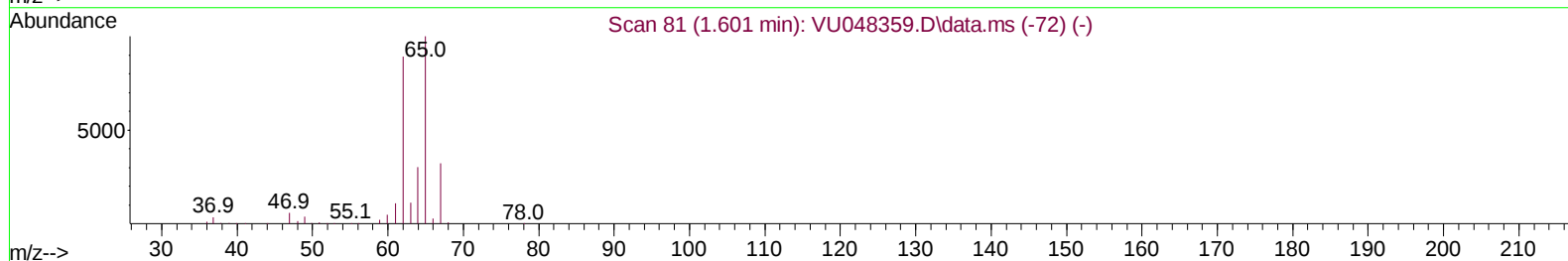
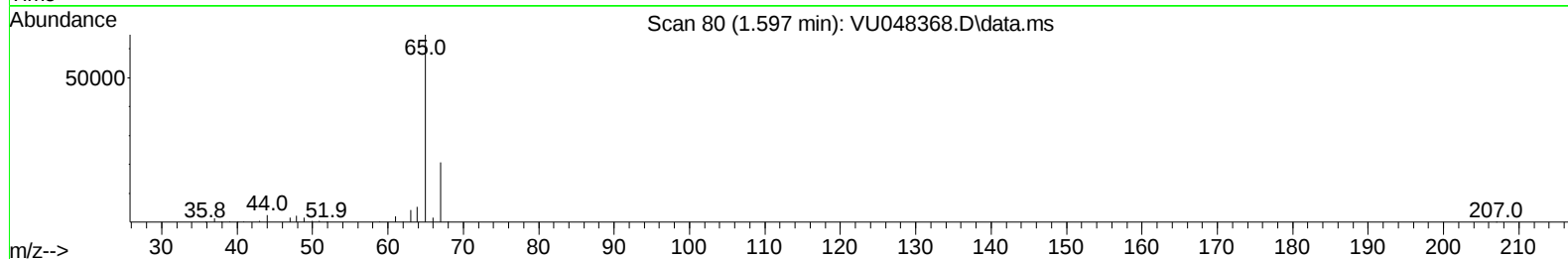
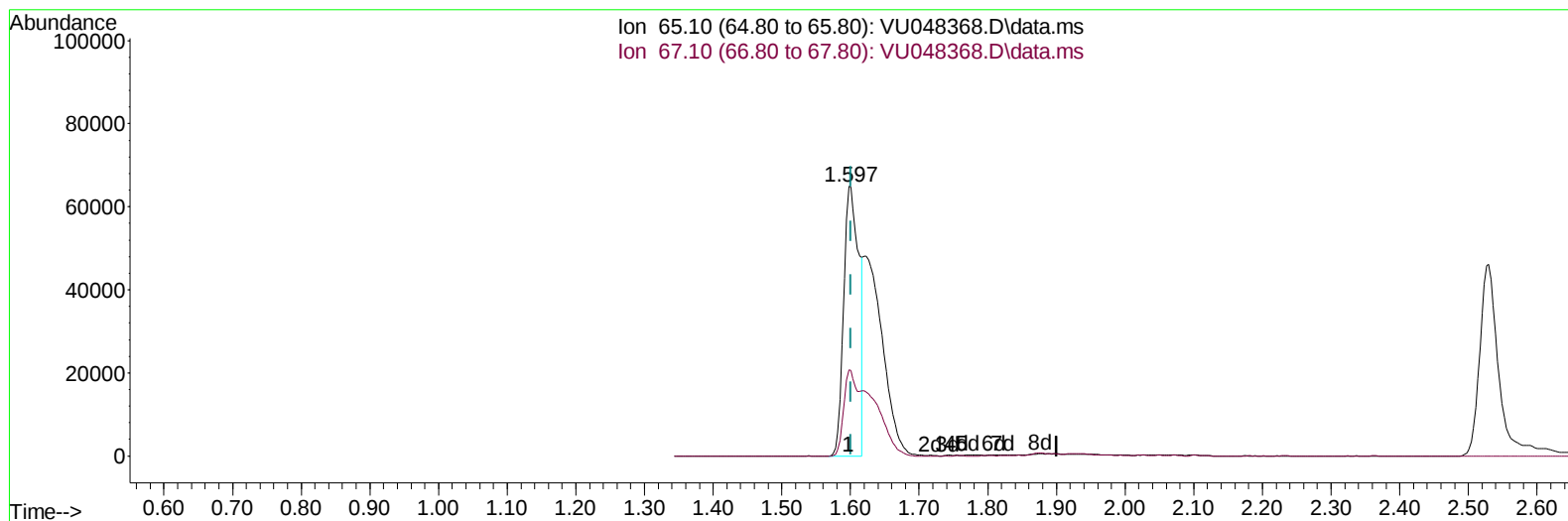
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU050222\  
 Data File : VU048368.D  
 Acq On : 02 May 2022 15:09  
 Operator : SY/MD  
 Sample : N2603-09ME  
 Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EW490ME

## Manual IntegrationsAPPROVED

Reviewed By :John Carlone 05/06/2022  
 Supervised By :Semsettin Yesilyurt 05/10/2022

Quant Time: May 03 04:14:21 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM042522WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue May 03 04:11:15 2022  
 Response via : Initial Calibration



TIC: VU048368.D\data.ms

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

1.597min (-0.003) 101.23 ug/L

response 103530

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.10 | 100.00 | 100.00 |
| 67.10 | 31.30  | 28.58  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

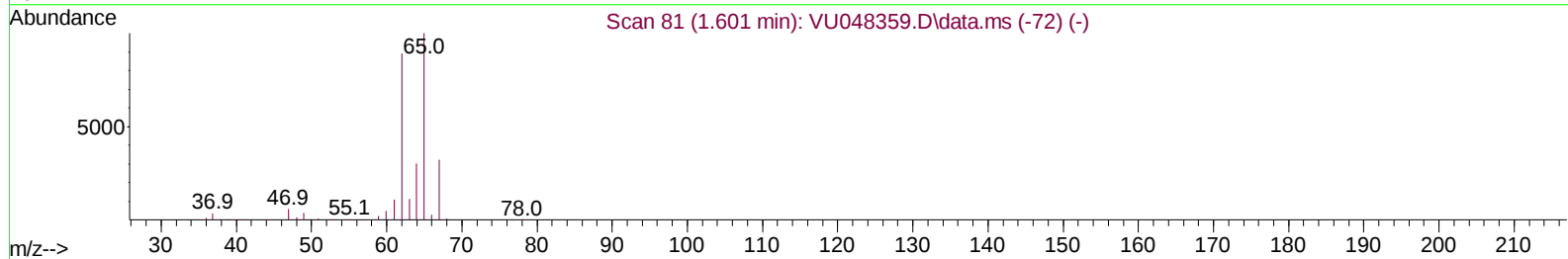
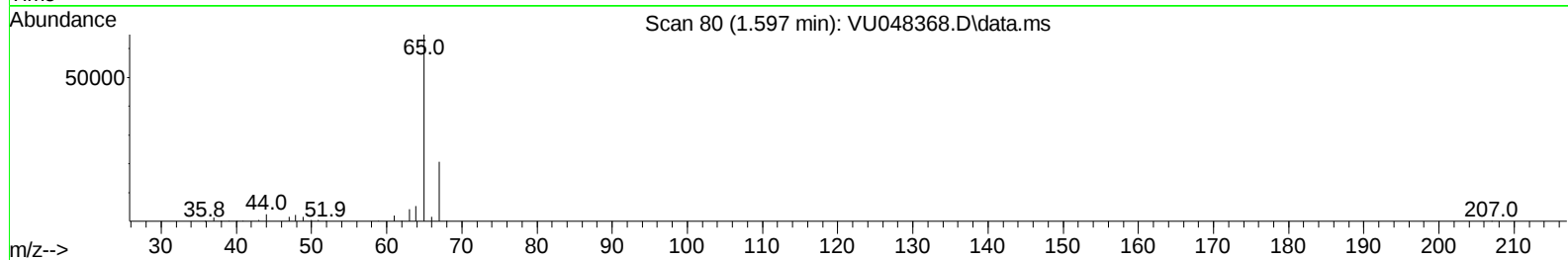
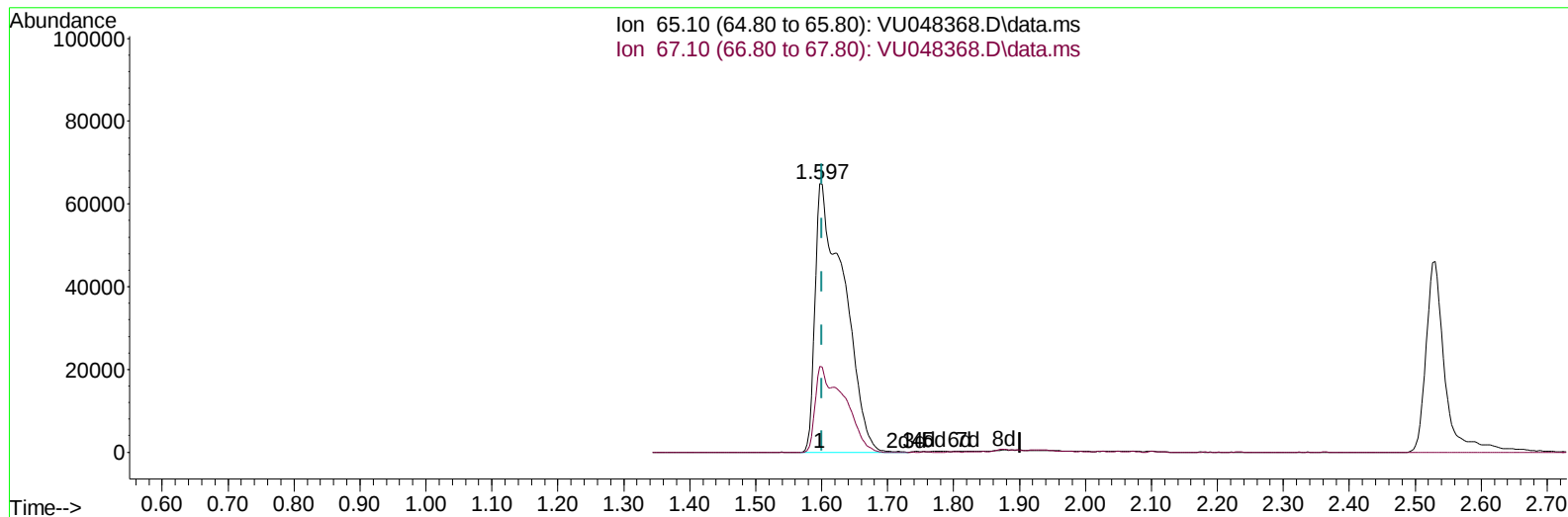
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU050222\  
Data File : VU048368.D  
Acq On : 02 May 2022 15:09  
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Instrument :  
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ClientSampleId :  
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Quant Title : VOC Analysis  
QLast Update : Tue May 03 04:11:15 2022  
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TIC: VU048368.D\data.ms

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

1.597min (-0.003) 192.62 ug/L m

response 196994

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.10 | 100.00 | 100.00 |
| 67.10 | 31.30  | 15.02# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

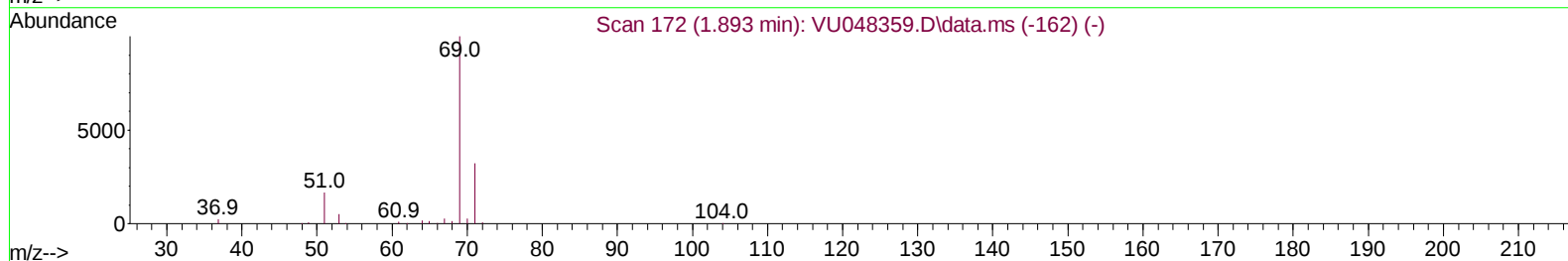
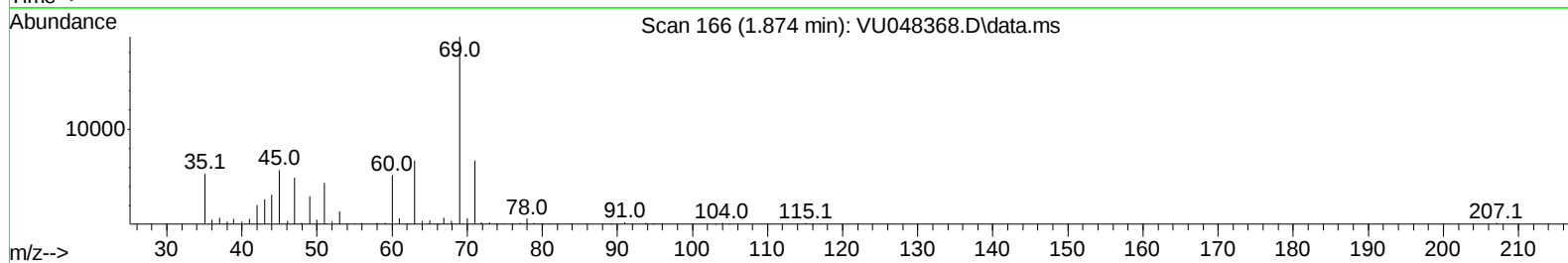
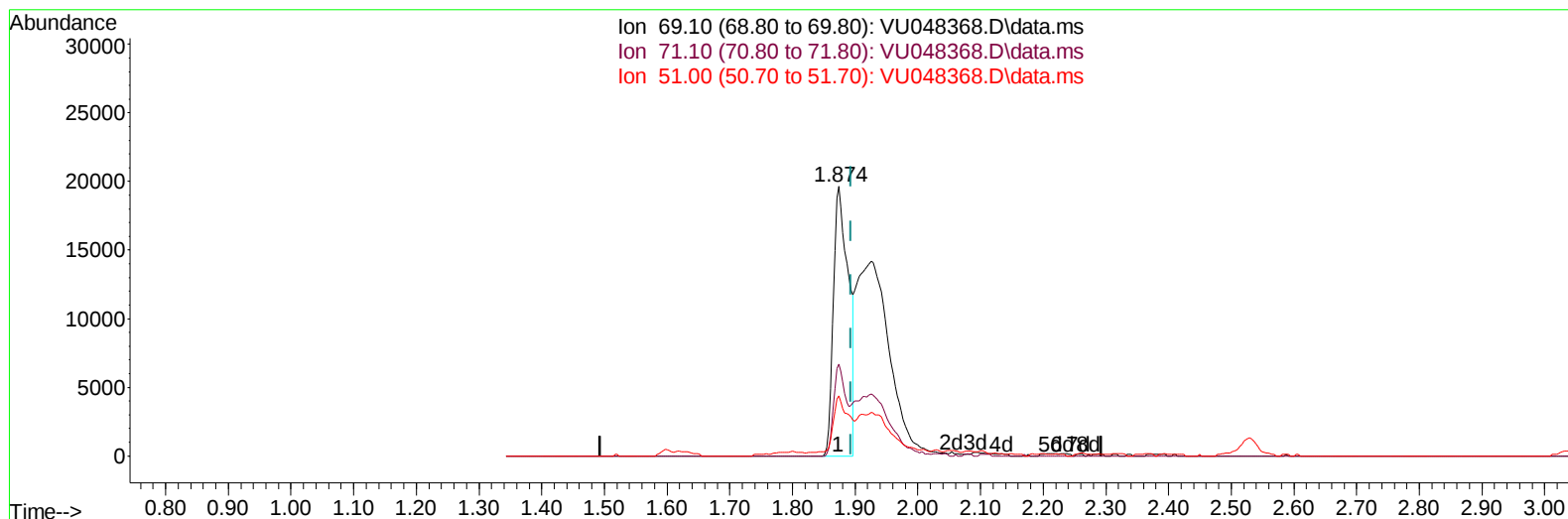
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU050222\  
Data File : VU048368.D  
Acq On : 02 May 2022 15:09  
Operator : SY/MD  
Sample : N2603-09ME  
Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
EW490ME

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Quant Title : VOC Analysis  
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TIC: VU048368.D\data.ms

## (7) Chloroethane-d5 (S)

1.874min (-0.019) 45.95 ug/L

response 32985

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 69.10 | 100.00 | 100.00 |
| 71.10 | 31.60  | 27.35  |
| 51.00 | 22.10  | 21.02  |
| 0.00  | 0.00   | 0.00   |

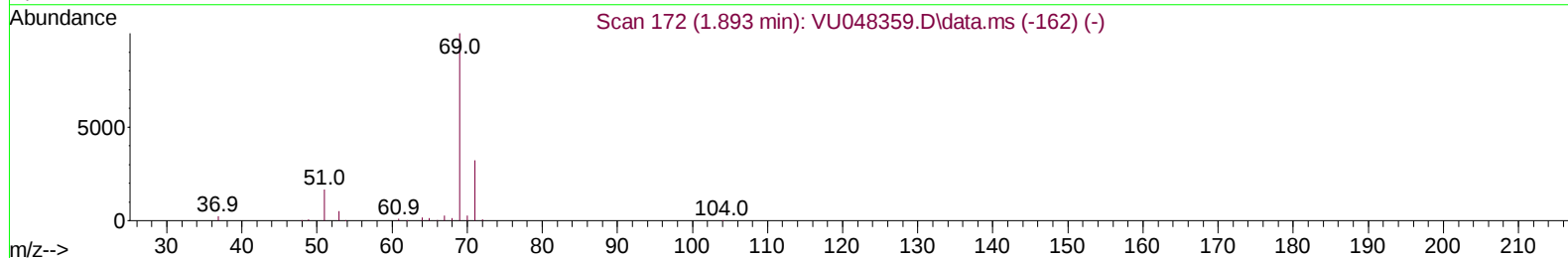
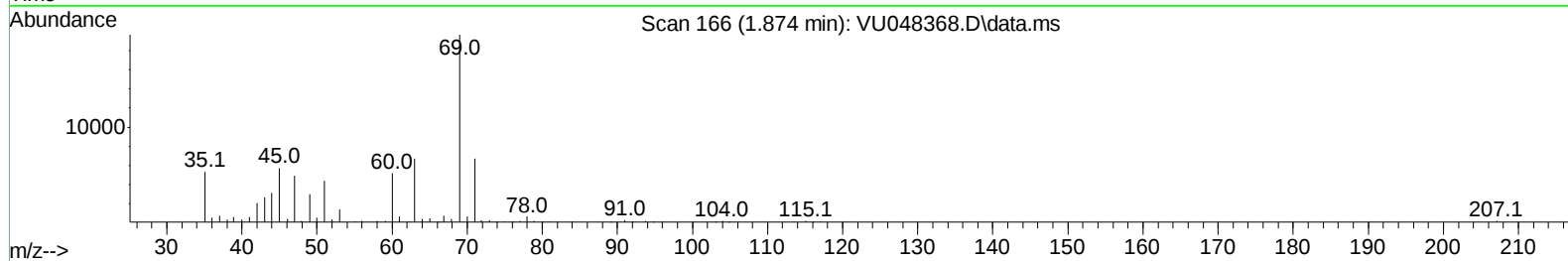
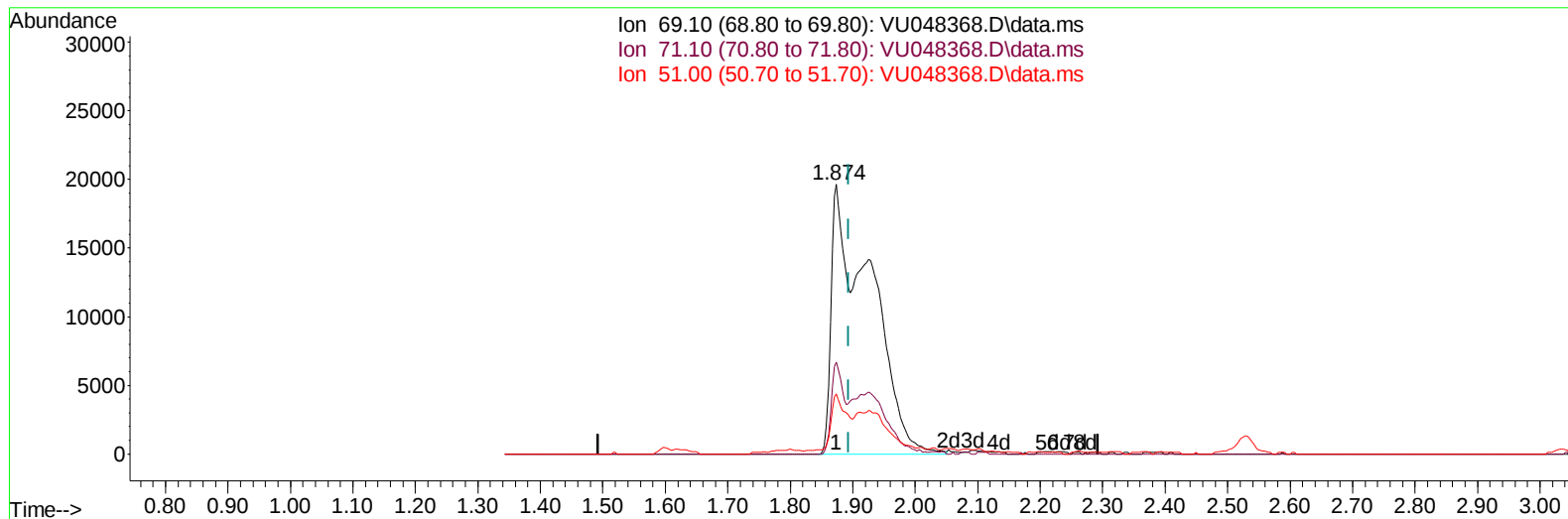
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Data File : VU048368.D  
Acq On : 02 May 2022 15:09  
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Sample : N2603-09ME  
Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
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Manual IntegrationsAPPROVED

Quant Time: May 03 04:14:21 2022  
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Quant Title : VOC Analysis  
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Reviewed By :John Carlone 05/06/2022  
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TIC: VU048368.D\data.ms

(7) Chloroethane-d5 (S)

1.874min (-0.019) 118.52 ug/L m

response 85085

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 69.10 | 100.00 | 100.00 |
| 71.10 | 31.60  | 10.60# |
| 51.00 | 22.10  | 8.15#  |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU050222\  
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 Operator : SY/MD  
 Sample : N2603-09ME  
 Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
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| Compound                      | R.T.     | QIon  | Response | Conc        | Units  | Dev(Min) |
|-------------------------------|----------|-------|----------|-------------|--------|----------|
| -----                         |          |       |          |             |        |          |
| Internal Standards            |          |       |          |             |        |          |
| 1) 1,4-Difluorobenzene        | 6.247    | 114   | 111217   | 50.000      | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423    | 117   | 114642   | 50.000      | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819   | 152   | 59289    | 50.000      | ug/L   | 0.00     |
| System Monitoring Compounds   |          |       |          |             |        |          |
| 4) Vinyl Chloride-d3          | 1.597    | 65    | 196994m  | 192.618     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 135 | Recovery | = 385.240%# |        |          |
| 7) Chloroethane-d5            | 1.874    | 69    | 85085m   | 118.521     | ug/L   | -0.02    |
| Spiked Amount 50.000          | Range 70 | - 130 | Recovery | = 237.040%# |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.530    | 63    | 293439   | 179.069     | ug/L   | -0.04    |
| Spiked Amount 50.000          | Range 60 | - 125 | Recovery | = 358.140%# |        |          |
| 21) 2-Butanone-d5             | 4.639    | 46    | 512980   | 588.087     | ug/L   | 0.02     |
| Spiked Amount 100.000         | Range 40 | - 130 | Recovery | = 588.090%# |        |          |
| 24) Chloroform-d              | 5.063    | 84    | 501434   | 270.309     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | = 540.620%# |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.700    | 65    | 327078   | 297.167     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | = 594.340%# |        |          |
| 32) Benzene-d6                | 5.719    | 84    | 1034114  | 286.010     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | = 572.020%# |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.690    | 67    | 348341   | 291.415     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 120 | Recovery | = 582.820%# |        |          |
| 41) Toluene-d8                | 7.899    | 98    | 946122   | 288.684     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 | Recovery | = 577.360%# |        |          |
| 43) trans-1,3-Dichloroprop... | 8.182    | 79    | 158128   | 299.796     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 125 | Recovery | = 599.600%# |        |          |
| 47) 2-Hexanone-d5             | 8.661    | 63    | 402620   | 624.298     | ug/L   | 0.03     |
| Spiked Amount 100.000         | Range 45 | - 130 | Recovery | = 624.300%# |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.767   | 84    | 596076   | 284.330     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 | - 120 | Recovery | = 568.660%# |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.198   | 152   | 415218   | 311.322     | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 | Recovery | = 622.640%# |        |          |
| Target Compounds              |          |       |          |             |        |          |
|                               |          |       |          |             | Qvalue |          |
| 15) Methyl Acetate            | 2.957    | 43    | 2722     | 2.449       | ug/L # | 71       |
| 22) 2-Butanone                | 4.726    | 43    | 38830    | 46.892      | ug/L # | 68       |
| 42) Toluene                   | 7.970    | 91    | 10530    | 2.955       | ug/L   | 97       |
| -----                         |          |       |          |             |        |          |

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

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