

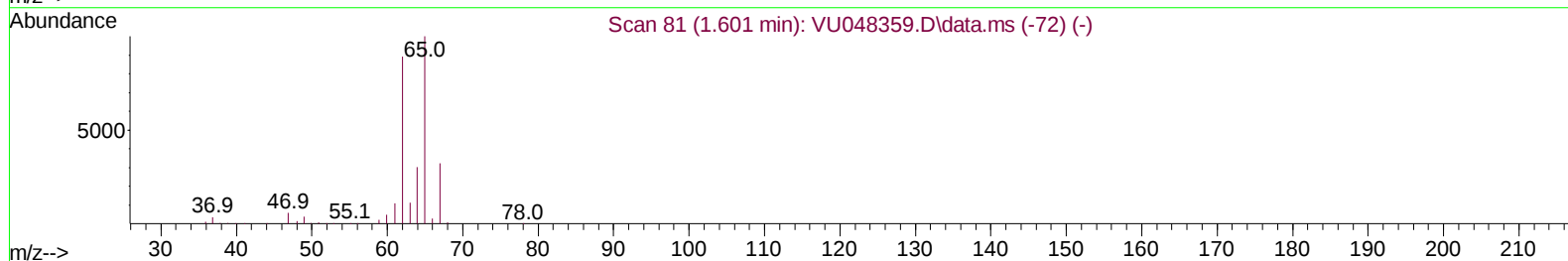
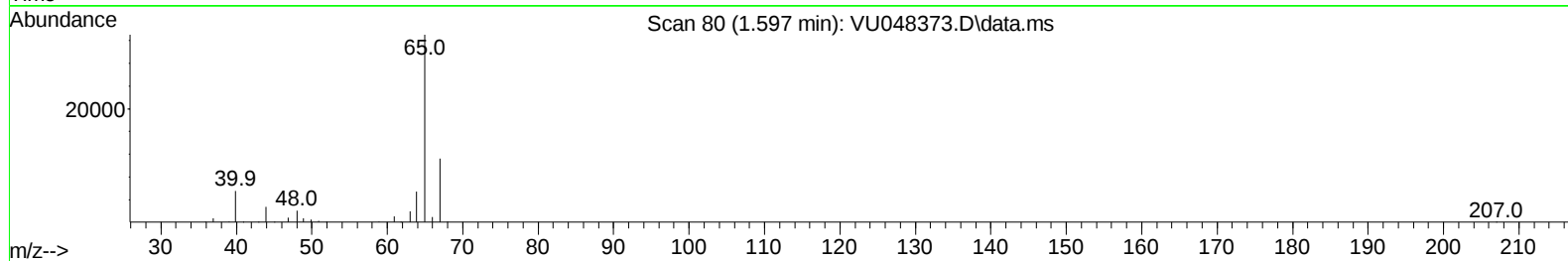
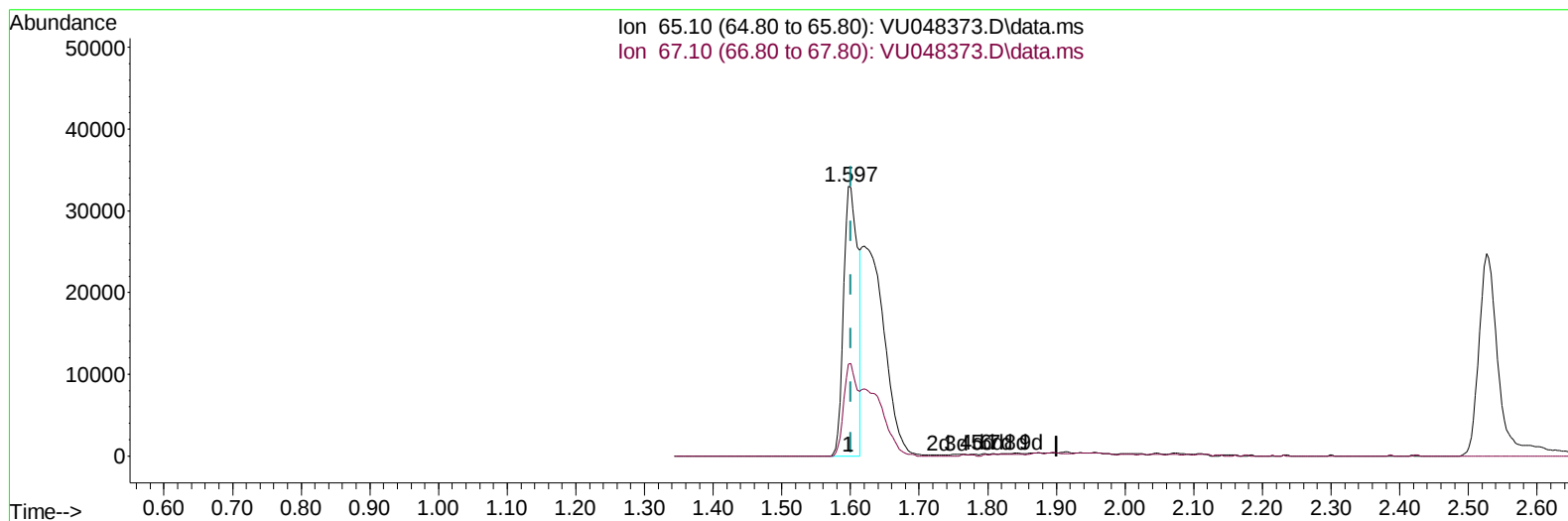
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU050222\  
 Data File : VU048373.D  
 Acq On : 02 May 2022 17:07  
 Operator : SY/MD  
 Sample : N2603-06ME  
 Misc : 7.65g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EW487ME

## Manual IntegrationsAPPROVED

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

Quant Time: May 03 04:15:36 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: VU048373.D\data.ms

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

1.597min (-0.003) 11.19 ug/L

response 47760

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.10 | 100.00 | 100.00 |
| 67.10 | 31.30  | 33.14  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

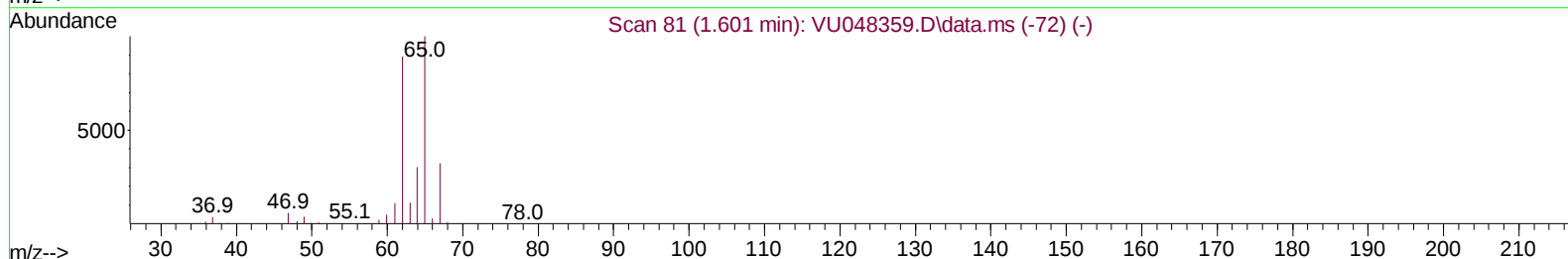
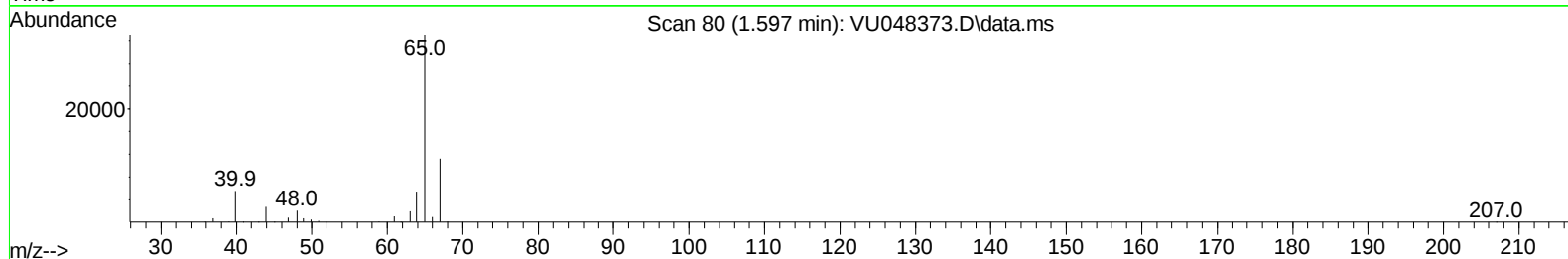
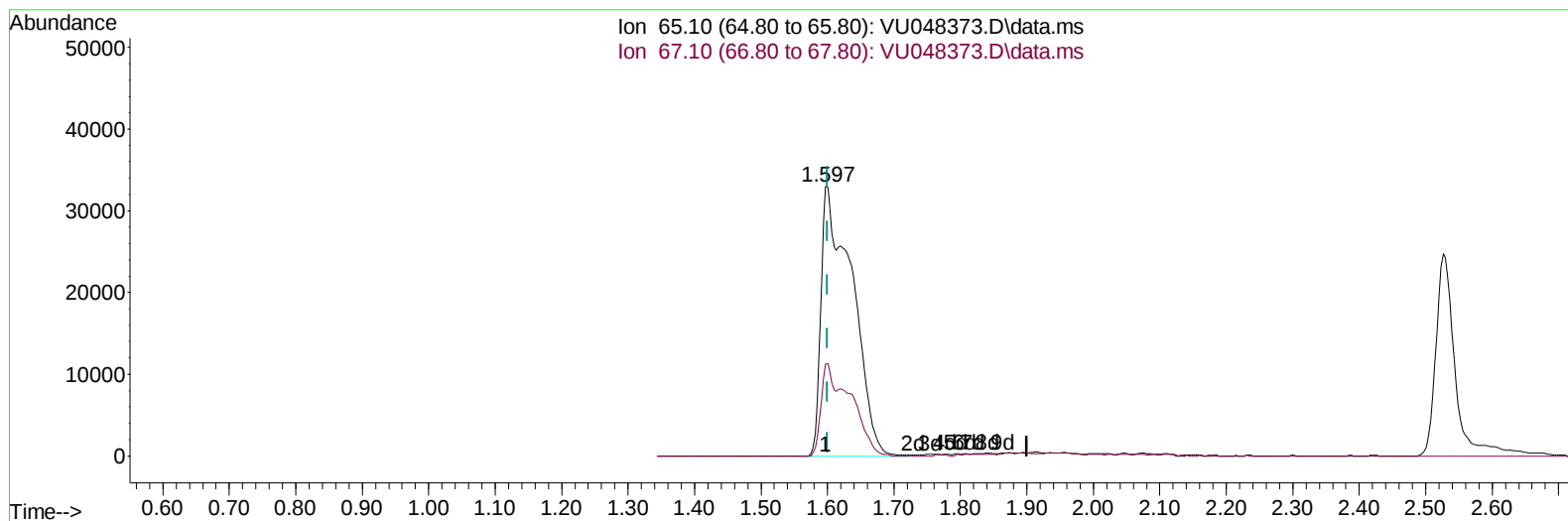
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU050222\  
Data File : VU048373.D  
Acq On : 02 May 2022 17:07  
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Sample : N2603-06ME  
Misc : 7.65g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
EW487ME

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Quant Time: May 03 04:15:36 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: VU048373.D\data.ms

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

1.597min (-0.003) 25.08 ug/L m

response 107031

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.10 | 100.00 | 100.00 |
| 67.10 | 31.30  | 14.79# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

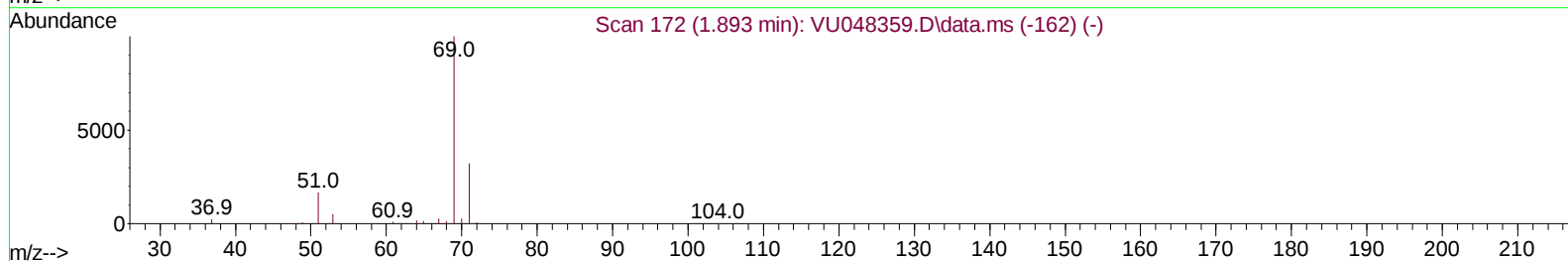
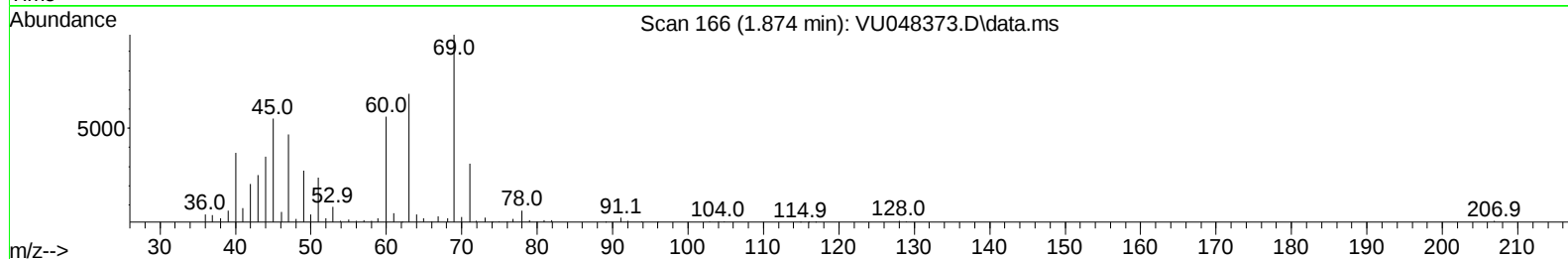
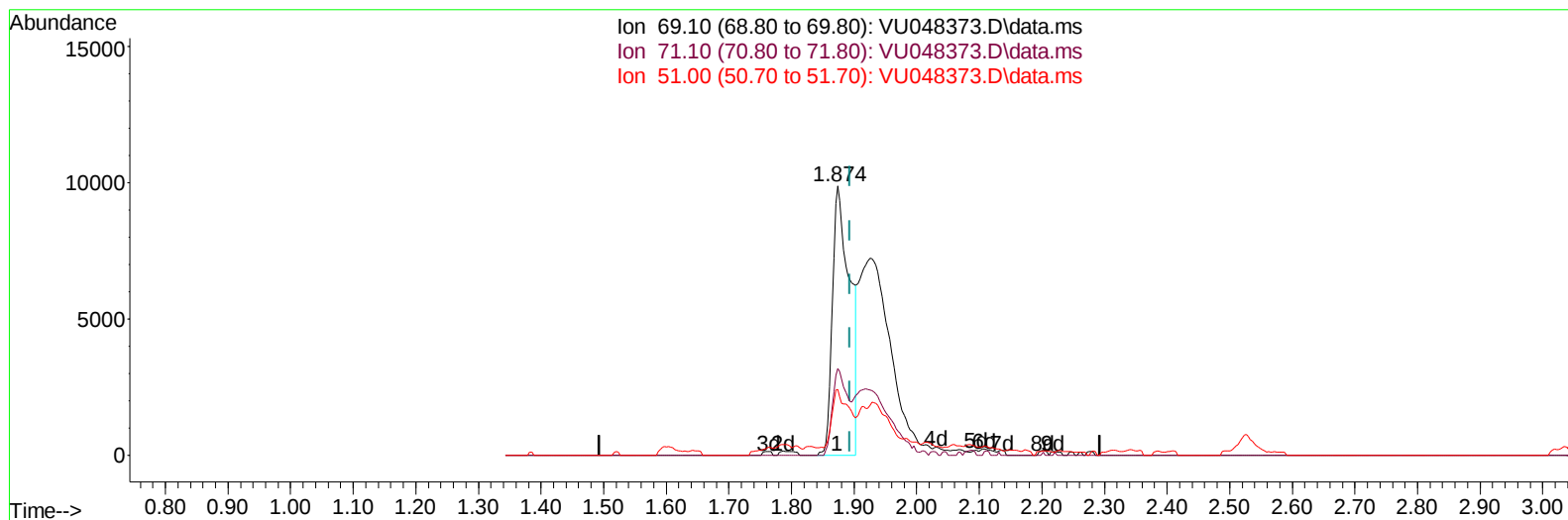
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU050222\  
Data File : VU048373.D  
Acq On : 02 May 2022 17:07  
Operator : SY/MD  
Sample : N2603-06ME  
Misc : 7.65g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
EW487ME

Manual IntegrationsAPPROVED

Quant Time: May 03 04:15:36 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM042522WMA.M  
Quant Title : VOC Analysis  
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TIC: VU048373.D\data.ms

(7) Chloroethane-d5 (S)

1.874min (-0.019) 6.40 ug/L

response 19179

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 69.10 | 100.00 | 100.00 |
| 71.10 | 31.60  | 28.11  |
| 51.00 | 22.10  | 12.96# |
| 0.00  | 0.00   | 0.00   |

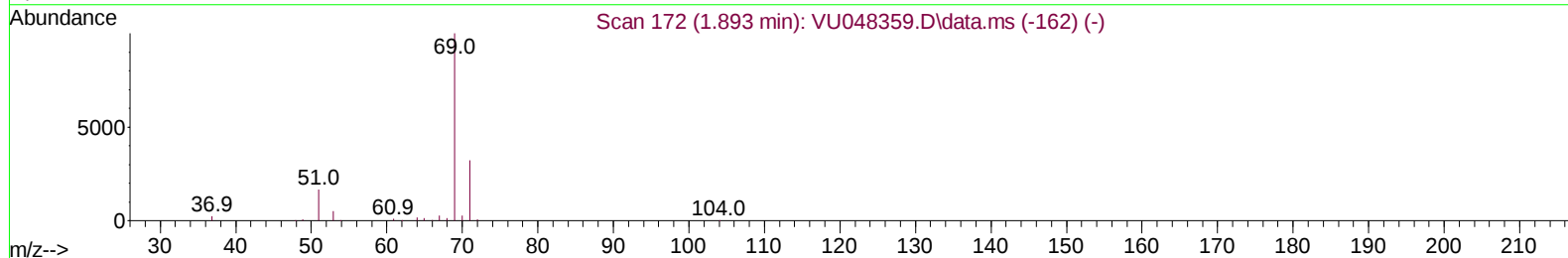
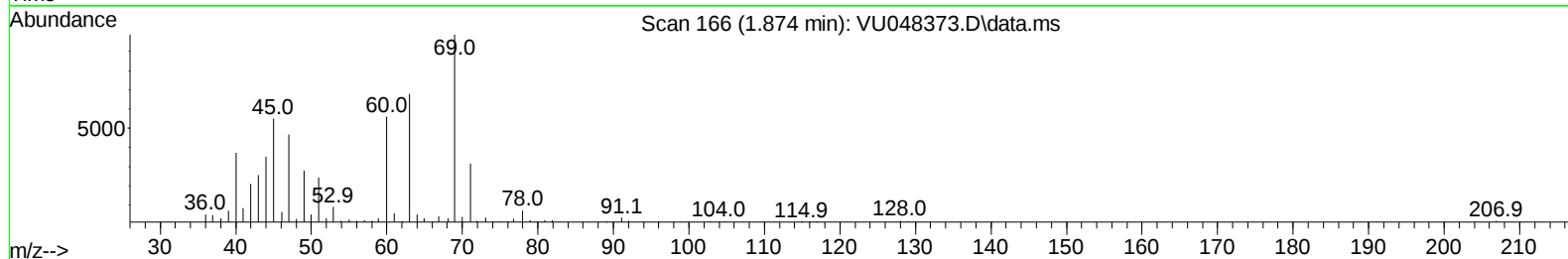
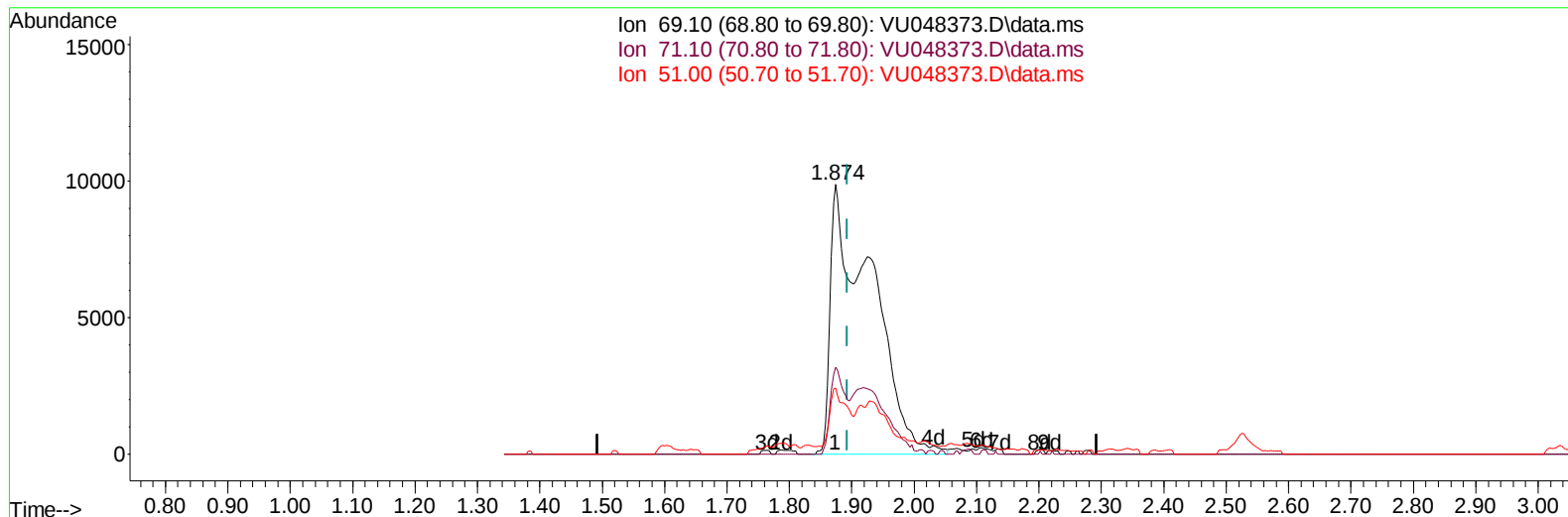
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Data File : VU048373.D  
Acq On : 02 May 2022 17:07  
Operator : SY/MD  
Sample : N2603-06ME  
Misc : 7.65g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
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Manual IntegrationsAPPROVED

Quant Time: May 03 04:15:36 2022  
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Quant Title : VOC Analysis  
QLast Update : Tue May 03 04:11:15 2022  
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TIC: VU048373.D\data.ms

(7) Chloroethane-d5 (S)

1.874min (-0.019) 15.03 ug/L m

response 45025

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 69.10 | 100.00 | 100.00 |
| 71.10 | 31.60  | 11.98# |
| 51.00 | 22.10  | 5.52#  |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU050222\  
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 Operator : SY/MD  
 Sample : N2603-06ME  
 Misc : 7.65g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
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| Compound                      | R.T.     | QIon  | Response | Conc   | Units    | Dev(Min)  |
|-------------------------------|----------|-------|----------|--------|----------|-----------|
| -----                         |          |       |          |        |          |           |
| Internal Standards            |          |       |          |        |          |           |
| 1) 1,4-Difluorobenzene        | 6.247    | 114   | 464116   | 50.000 | ug/L     | 0.00      |
| 28) Chlorobenzene-d5          | 9.423    | 117   | 470653   | 50.000 | ug/L     | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.819   | 152   | 234500   | 50.000 | ug/L     | 0.00      |
| System Monitoring Compounds   |          |       |          |        |          |           |
| 4) Vinyl Chloride-d3          | 1.597    | 65    | 107031m  | 25.078 | ug/L     | 0.00      |
| Spiked Amount 50.000          | Range 60 | - 135 | Recovery | =      | 50.160%# |           |
| 7) Chloroethane-d5            | 1.874    | 69    | 45025m   | 15.029 | ug/L     | -0.02     |
| Spiked Amount 50.000          | Range 70 | - 130 | Recovery | =      | 30.060%# |           |
| 11) 1,1-Dichloroethene-d2     | 2.527    | 63    | 148916   | 21.777 | ug/L     | -0.04     |
| Spiked Amount 50.000          | Range 60 | - 125 | Recovery | =      | 43.560%# |           |
| 21) 2-Butanone-d5             | 4.642    | 46    | 308376   | 84.716 | ug/L     | 0.02      |
| Spiked Amount 100.000         | Range 40 | - 130 | Recovery | =      | 84.720%  |           |
| 24) Chloroform-d              | 5.063    | 84    | 284282   | 36.723 | ug/L     | 0.00      |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | =      | 73.440%  |           |
| 26) 1,2-Dichloroethane-d4     | 5.703    | 65    | 190302   | 41.432 | ug/L     | 0.00      |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | =      | 82.860%  |           |
| 32) Benzene-d6                | 5.719    | 84    | 578089   | 38.945 | ug/L     | 0.00      |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | =      | 77.880%  |           |
| 36) 1,2-Dichloropropane-d6    | 6.690    | 67    | 201293   | 41.018 | ug/L     | 0.00      |
| Spiked Amount 50.000          | Range 70 | - 120 | Recovery | =      | 82.040%  |           |
| 41) Toluene-d8                | 7.899    | 98    | 524438   | 38.977 | ug/L     | 0.00      |
| Spiked Amount 50.000          | Range 80 | - 120 | Recovery | =      | 77.960%# |           |
| 43) trans-1,3-Dichloroprop... | 8.185    | 79    | 89285    | 41.232 | ug/L     | 0.00      |
| Spiked Amount 50.000          | Range 60 | - 125 | Recovery | =      | 82.460%  |           |
| 47) 2-Hexanone-d5             | 8.665    | 63    | 228373   | 86.255 | ug/L     | 0.03      |
| Spiked Amount 100.000         | Range 45 | - 130 | Recovery | =      | 86.250%  |           |
| 56) 1,1,2,2-Tetrachloroeth... | 10.767   | 84    | 342457   | 39.790 | ug/L     | 0.00      |
| Spiked Amount 50.000          | Range 65 | - 120 | Recovery | =      | 79.580%  |           |
| 66) 1,2-Dichlorobenzene-d4    | 12.198   | 152   | 233062   | 44.181 | ug/L     | 0.00      |
| Spiked Amount 50.000          | Range 80 | - 120 | Recovery | =      | 88.360%  |           |
| Target Compounds              |          |       |          |        |          |           |
| 22) 2-Butanone                | 4.726    | 43    | 37296    | 10.793 | ug/L     | Qvalue 95 |
| -----                         |          |       |          |        |          |           |

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

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ALS Vial : 17 Sample Multiplier: 1

Instrument :  
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