

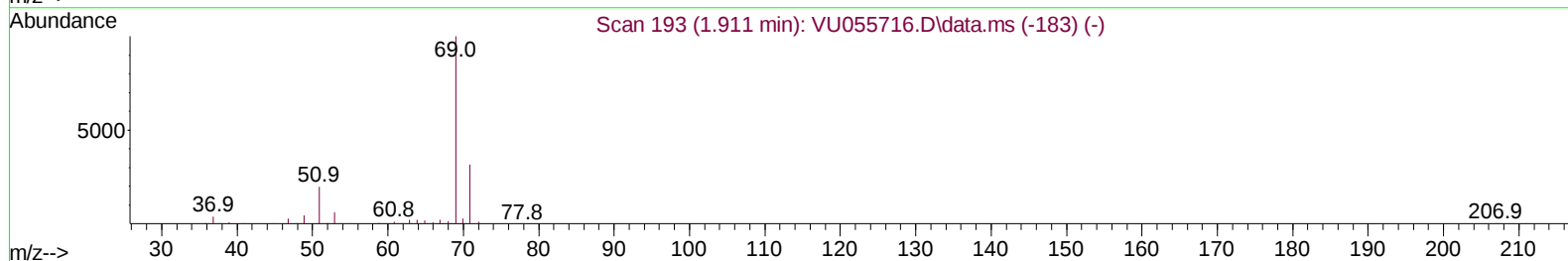
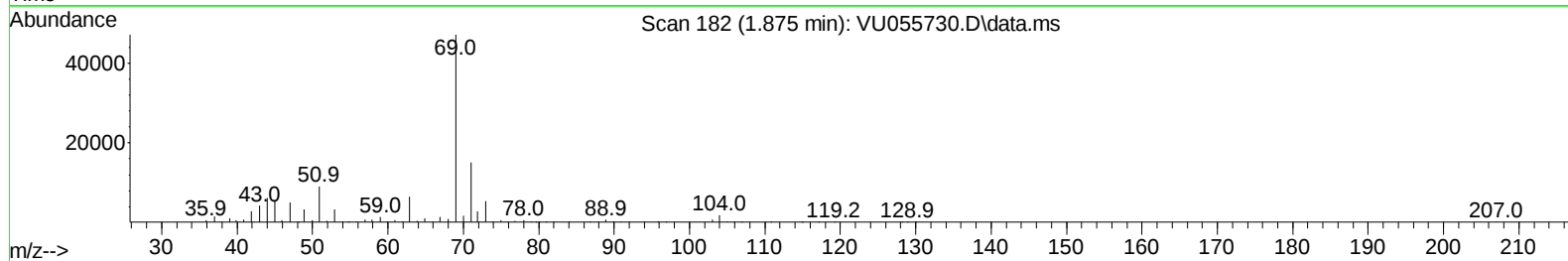
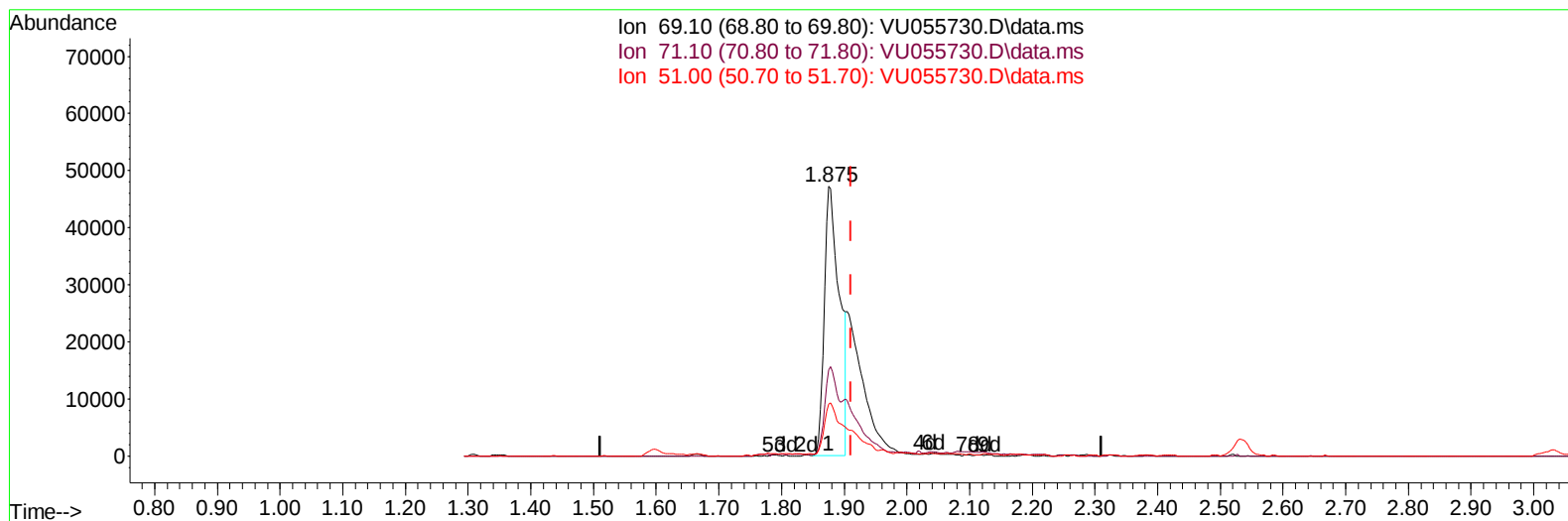
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU101023\  
 Data File : VU055730.D  
 Acq On : 10 Oct 2023 18:49  
 Operator : MD/SY  
 Sample : 04707-08ME  
 Misc : 5.04g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EY1A7ME

Manual IntegrationsAPPROVED

Quant Time: Oct 11 05:56:22 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM101023WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Oct 11 05:51:51 2023  
 Response via : Initial Calibration

Reviewed By :John Carlone 10/11/2023  
 Supervised By :Mahesh Dadoda 10/11/2023



TIC: VU055730.D\data.ms

(7) Chloroethane-d5 (S)

1.875min (-0.035) 18.04 ug/L

response 78467

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 69.10 | 100.00 | 100.00 |
| 71.10 | 31.70  | 28.66  |
| 51.00 | 24.90  | 22.58  |
| 0.00  | 0.00   | 0.00   |

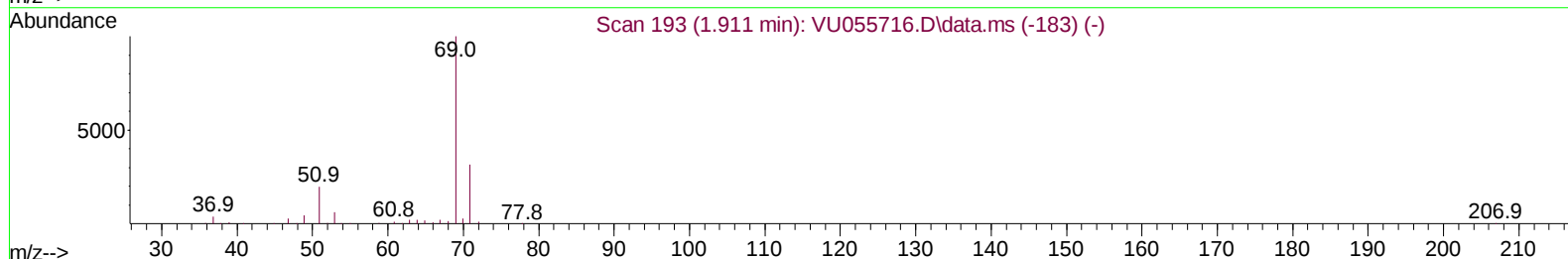
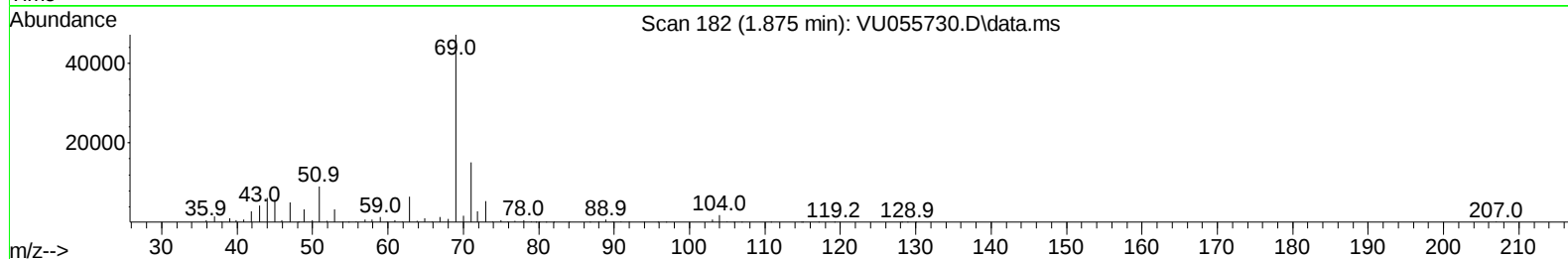
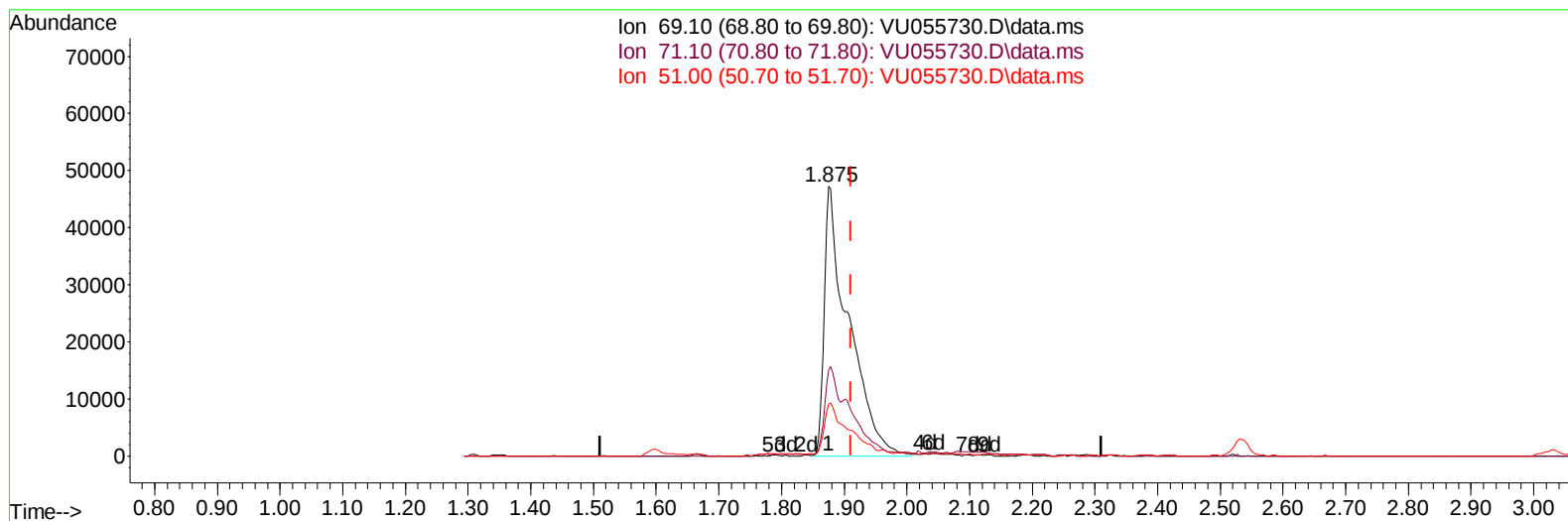
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TIC: VU055730.D\data.ms

(7) Chloroethane-d5 (S)

1.875min (-0.035) 29.24 ug/L m

response 127167

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 69.10 | 100.00 | 100.00 |
| 71.10 | 31.70  | 17.68# |
| 51.00 | 24.90  | 13.93# |
| 0.00  | 0.00   | 0.00   |

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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        | 6.242          | 114  | 593108               | 50.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.418          | 117  | 596259               | 50.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.814         | 152  | 264231               | 50.000  | ug/L  | 0.00     |
| System Monitoring Compounds   |                |      |                      |         |       |          |
| 4) Vinyl Chloride-d3          | 1.595          | 65   | 275957               | 51.872  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = 103.740%  |         |       |          |
| 7) Chloroethane-d5            | 1.875          | 69   | 127167m              | 29.243  | ug/L  | -0.04    |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = 58.480%#  |         |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.531          | 63   | 386550               | 40.751  | ug/L  | -0.04    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 81.500%   |         |       |          |
| 21) 2-Butanone-d5             | 4.628          | 46   | 482286               | 122.346 | ug/L  | 0.02     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = 122.350%  |         |       |          |
| 24) Chloroform-d              | 5.055          | 84   | 544223               | 53.362  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 106.720%  |         |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.692          | 65   | 374571               | 59.668  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 119.340%  |         |       |          |
| 32) Benzene-d6                | 5.714          | 84   | 1100251              | 57.672  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 115.340%  |         |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.685          | 67   | 349936               | 57.940  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = 115.880%  |         |       |          |
| 41) Toluene-d8                | 7.894          | 98   | 995640               | 57.797  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 115.600%  |         |       |          |
| 43) trans-1,3-Dichloroprop... | 8.180          | 79   | 166028               | 57.227  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 114.460%  |         |       |          |
| 47) 2-Hexanone-d5             | 8.660          | 63   | 352951               | 148.654 | ug/L  | 0.03     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = 148.650%# |         |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.762         | 84   | 553099               | 59.496  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = 119.000%  |         |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.193         | 152  | 340534               | 64.944  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 129.880%# |         |       |          |
| Target Compounds              |                |      |                      |         |       |          |
|                               |                |      |                      |         |       | Qvalue   |
| 31) Carbon tetrachloride      | 5.512          | 117  | 42459                | 6.297   | ug/L  | 95       |
| 46) Tetrachloroethene         | 8.547          | 164  | 480640               | 130.170 | ug/L  | 98       |
| -----                         |                |      |                      |         |       |          |

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

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