

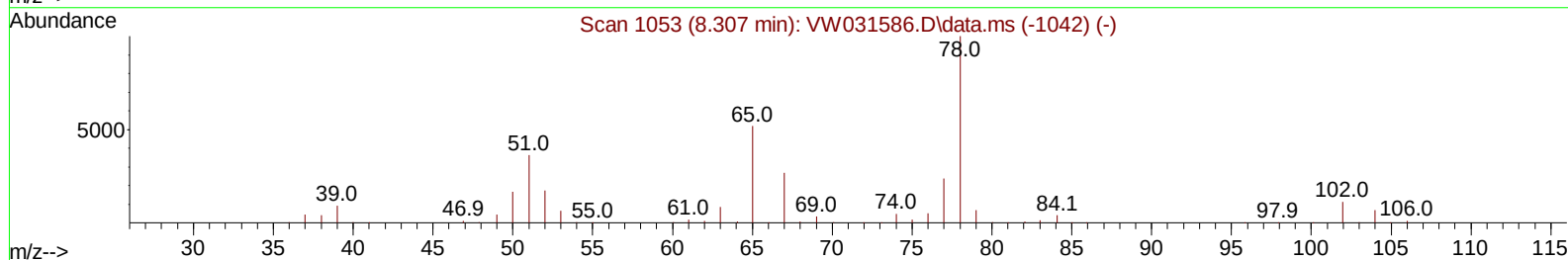
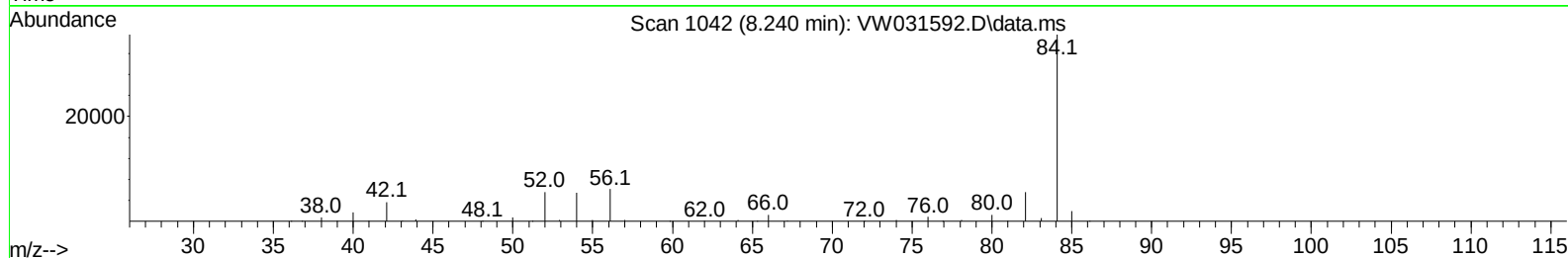
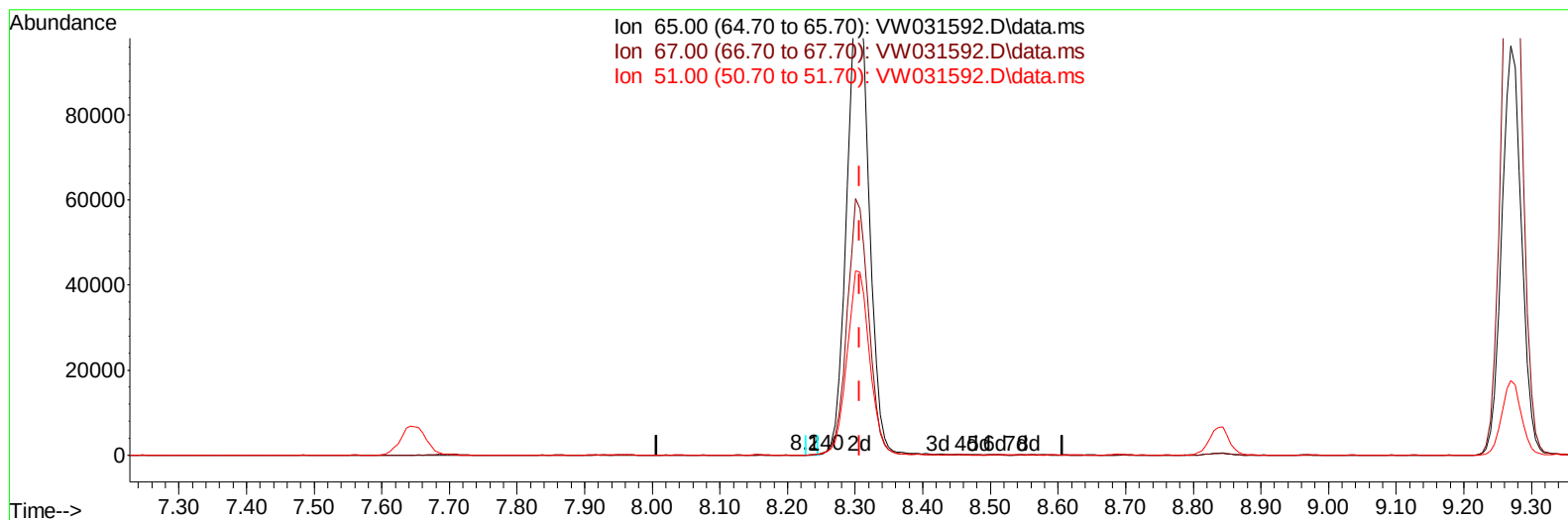
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW012725\  
Data File : VW031592.D  
Acq On : 27 Jan 2025 14:53  
Operator : SY/MD  
Sample : Q1190-17  
Misc : 3.90g/10mL/MSVOA\_W/SOIL/A  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
E2947

## Manual IntegrationsAPPROVED

Reviewed By :John Carlone 01/29/2025  
Supervised By :Mahesh Dadoda 01/30/2025

Quant Time: Jan 28 00:25:13 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011025SMA.M  
Quant Title : SFAM01.0  
QLast Update : Tue Jan 28 00:17:29 2025  
Response via : Initial Calibration



TIC: VW031592.D\data.ms

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

8.240min (-0.067) 0.01 ug/L

response 100

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 53.30  | 39.00  |
| 51.00 | 109.70 | 135.00 |
| 0.00  | 0.00   | 0.00   |

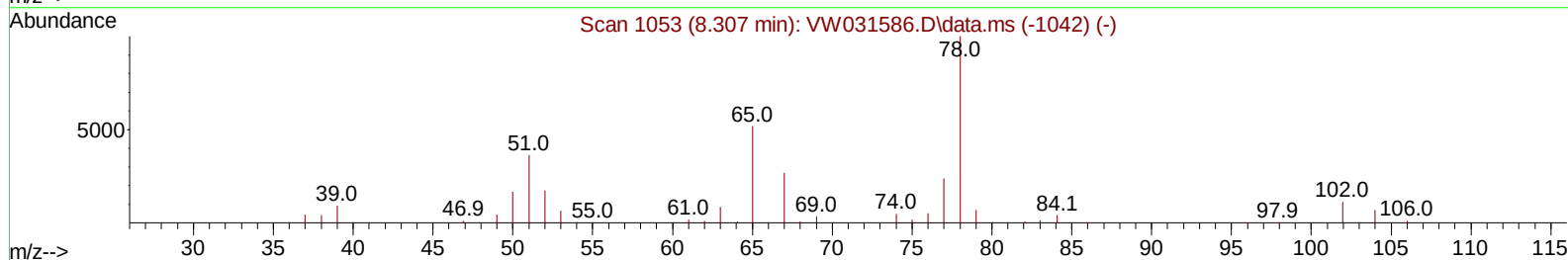
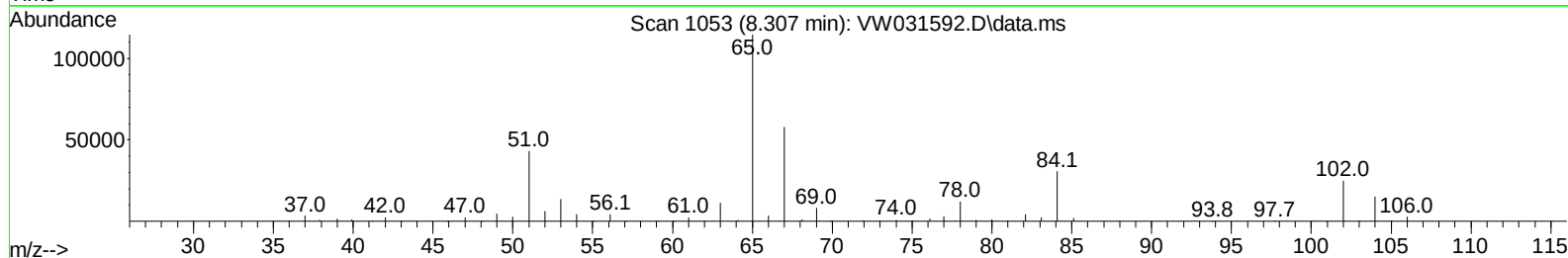
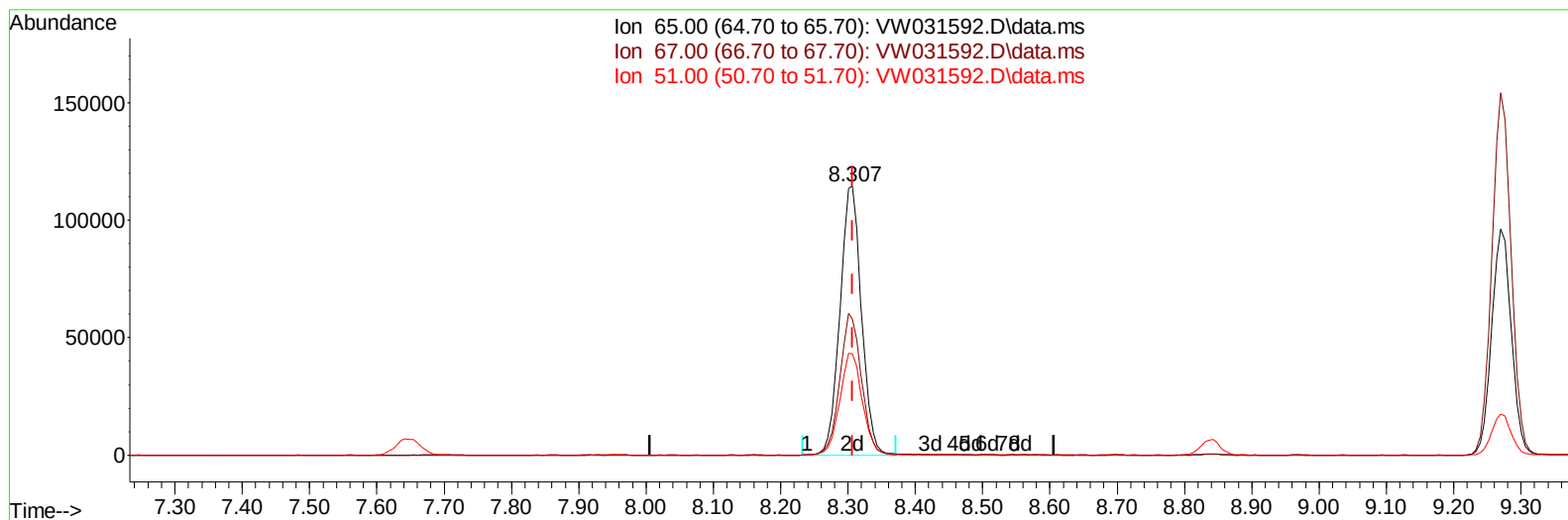
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW012725\  
Data File : VW031592.D  
Acq On : 27 Jan 2025 14:53  
Operator : SY/MD  
Sample : Q1190-17  
Misc : 3.90g/10mL/MSVOA\_W/SOIL/A  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
E2947

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Reviewed By :John Carlone 01/29/2025  
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Quant Time: Jan 28 00:25:13 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011025SMA.M  
Quant Title : SFAM01.0  
QLast Update : Tue Jan 28 00:17:29 2025  
Response via : Initial Calibration



TIC: VW031592.D\data.ms

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

8.307min (-0.000) 28.46 ug/L m

response 252491

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 53.30  | 0.02#  |
| 51.00 | 109.70 | 0.05#  |
| 0.00  | 0.00   | 0.00   |

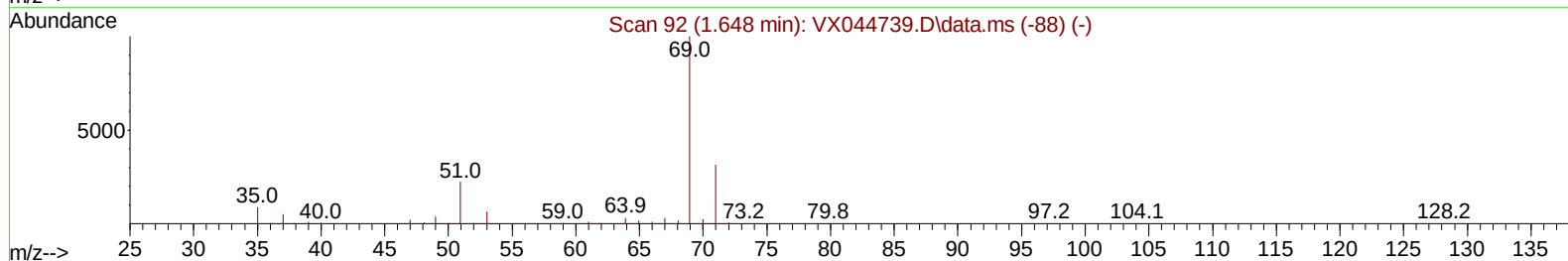
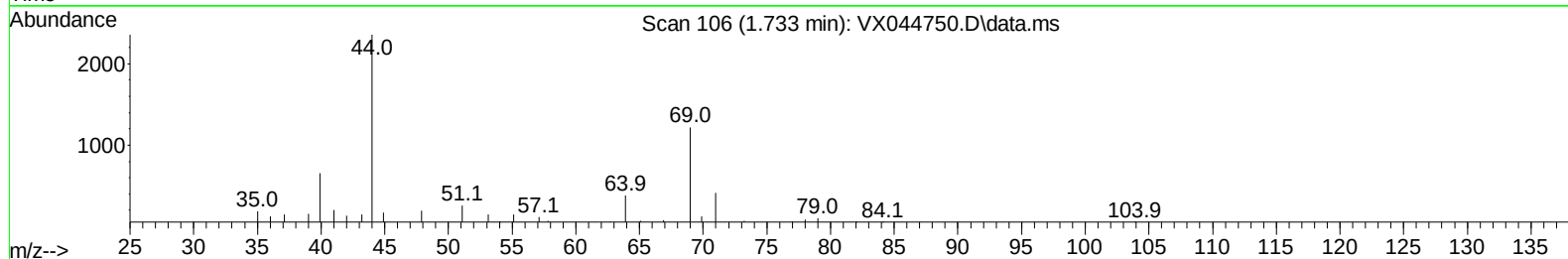
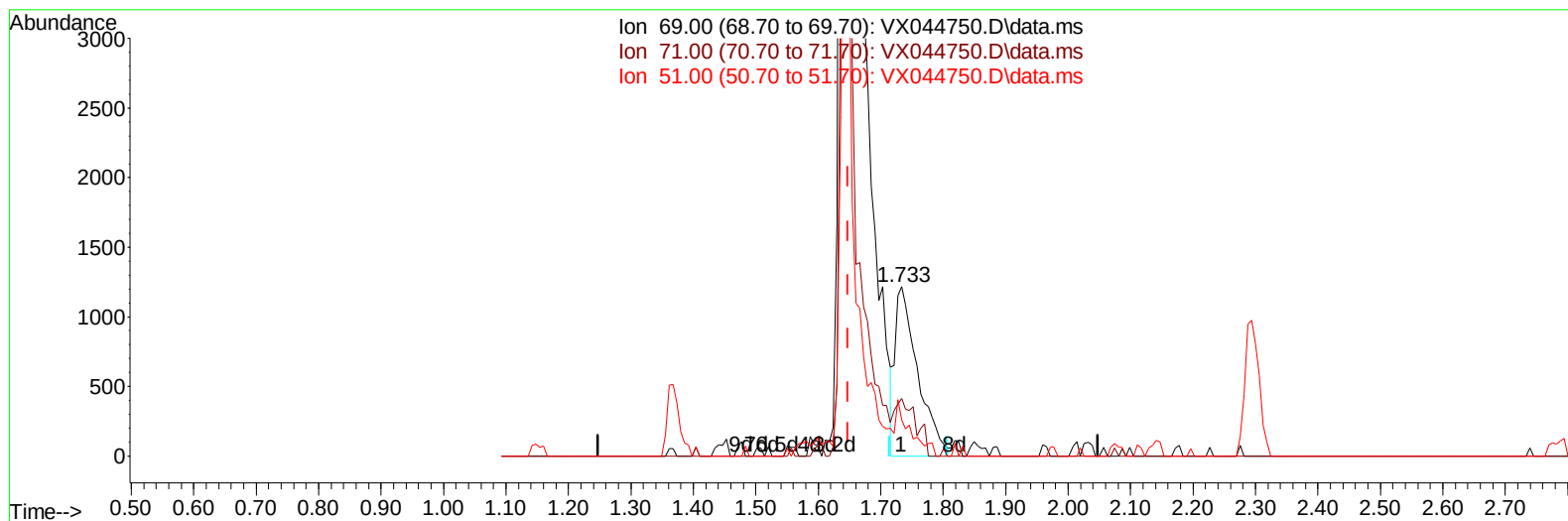
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012825\  
Data File : VX044750.D  
Acq On : 28 Jan 2025 17:30  
Operator : JC/MD  
Sample : Q1162-02 10X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
E2947

Manual IntegrationsAPPROVED

Quant Time: Jan 29 07:41:42 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML012825WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Jan 28 12:04:44 2025  
Response via : Initial Calibration

Reviewed By :John Carlone 01/29/2025  
Supervised By :Mahesh Dadoda 01/30/2025



TIC: VX044750.D\data.ms

(7) Chloroethane-d5 (S)

1.733min (+ 0.085) 3.66 ug/L

response 3054

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 69.00 | 100.00 | 100.00 |
| 71.00 | 24.30  | 21.25  |
| 51.00 | 12.50  | 11.13  |
| 0.00  | 0.00   | 0.00   |

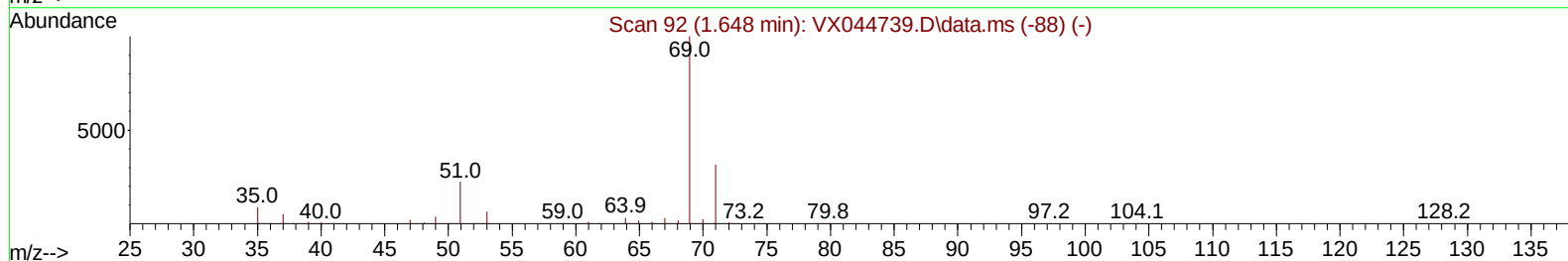
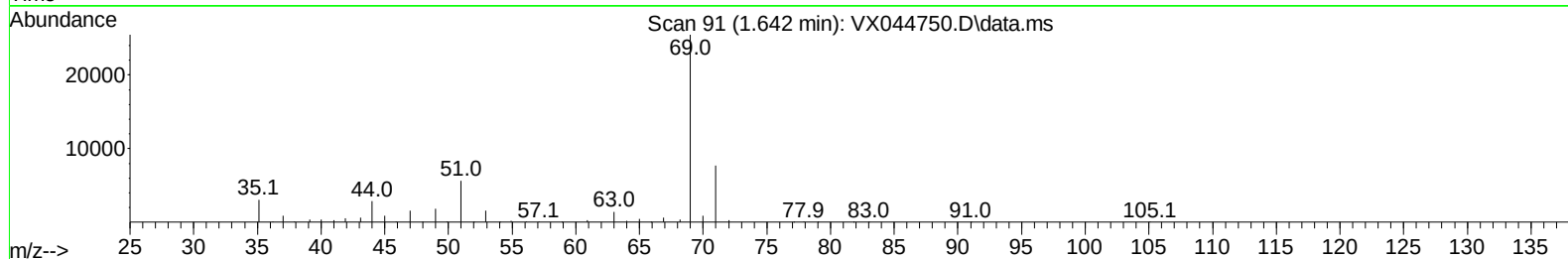
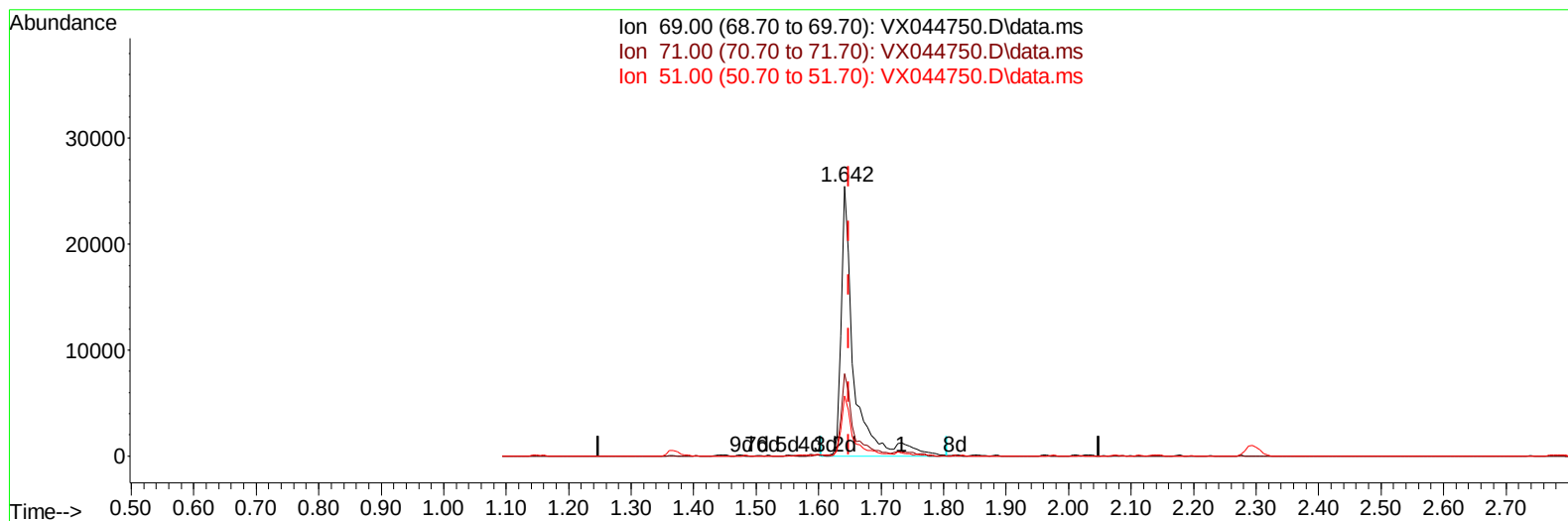
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012825\  
Data File : VX044750.D  
Acq On : 28 Jan 2025 17:30  
Operator : JC/MD  
Sample : Q1162-02 10X  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
E2947

Manual IntegrationsAPPROVED

Quant Time: Jan 29 07:41:42 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML012825WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Jan 28 12:04:44 2025  
Response via : Initial Calibration

Reviewed By :John Carlone 01/29/2025  
Supervised By :Mahesh Dadoda 01/30/2025



TIC: VX044750.D\data.ms

(7) Chloroethane-d5 (S)

1.642min (-0.006) 42.98 ug/L m

response 35817

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 69.00 | 100.00 | 100.00 |
| 71.00 | 24.30  | 1.81#  |
| 51.00 | 12.50  | 0.95#  |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012825\  
 Data File : VX044750.D  
 Acq On : 28 Jan 2025 17:30  
 Operator : JC/MD  
 Sample : Q1162-02 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 E2947

Manual IntegrationsAPPROVED

Quant Time: Jan 29 07:41:42 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML012825WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jan 28 12:04:44 2025  
 Response via : Initial Calibration

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 Supervised By :Mahesh Dadoda 01/30/2025

| Compound                      | R.T.     | QIon  | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|----------|-------|----------|---------|----------|----------|
| -----                         |          |       |          |         |          |          |
| Internal Standards            |          |       |          |         |          |          |
| 1) 1,4-Difluorobenzene        | 6.757    | 114   | 291446   | 50.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 10.055   | 117   | 253210   | 50.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.018   | 152   | 100320   | 50.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |         |          |          |
| 4) Vinyl Chloride-d3          | 1.368    | 65    | 96730    | 44.092  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 135 | Recovery | =       | 88.180%  |          |
| 7) Chloroethane-d5            | 1.642    | 69    | 35817m   | 42.975  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 130 | Recovery | =       | 85.960%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.294    | 65    | 43112    | 45.974  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 125 | Recovery | =       | 91.940%  |          |
| 21) 2-Butanone-d5             | 4.458    | 46    | 118452   | 126.298 | ug/L     | 0.00     |
| Spiked Amount 100.000         | Range 40 | - 130 | Recovery | =       | 126.300% |          |
| 24) Chloroform-d              | 5.050    | 84    | 173072   | 44.895  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | =       | 89.800%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.952    | 65    | 108244   | 46.779  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | =       | 93.560%  |          |
| 32) Benzene-d6                | 5.970    | 84    | 371985   | 46.984  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | =       | 93.960%  |          |
| 36) 1,2-Dichloropropane-d6    | 7.305    | 67    | 118910   | 47.450  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 120 | Recovery | =       | 94.900%  |          |
| 41) Toluene-d8                | 8.647    | 98    | 324311   | 46.282  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 | Recovery | =       | 92.560%  |          |
| 43) trans-1,3-Dichloroprop... | 8.952    | 79    | 53716    | 45.189  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 125 | Recovery | =       | 90.380%  |          |
| 47) 2-Hexanone-d5             | 9.384    | 63    | 75024    | 101.156 | ug/L     | 0.00     |
| Spiked Amount 100.000         | Range 45 | - 130 | Recovery | =       | 101.160% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189   | 84    | 151313   | 48.590  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 65 | - 120 | Recovery | =       | 97.180%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.317   | 152   | 98409    | 50.134  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 | Recovery | =       | 100.260% |          |

Target Compounds Qvalue

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

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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
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