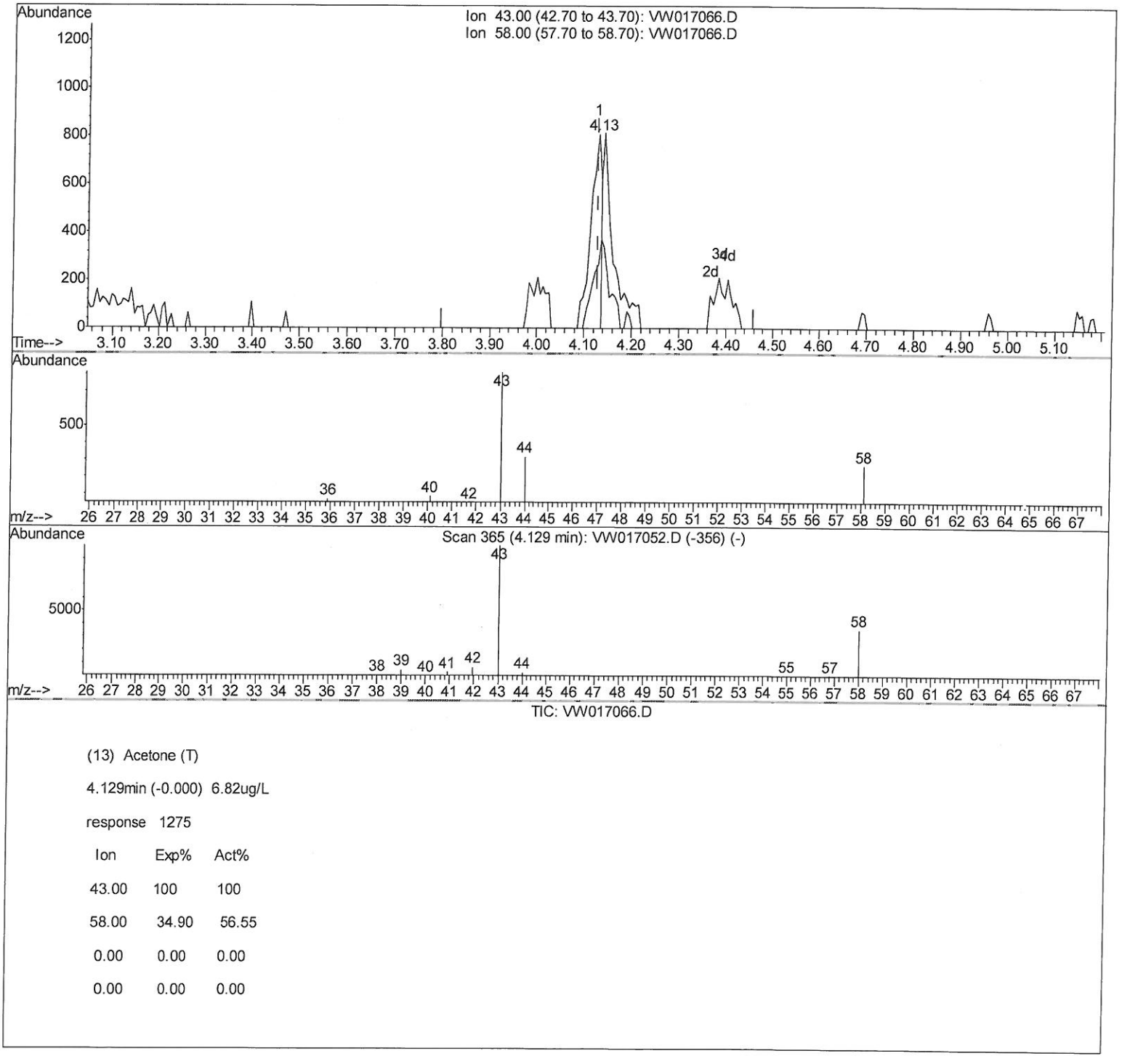
Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110320\
Data File : VW017066.D
Acq On : 03 Nov 2020 17:54
Operator : SY/VA
Sample : L4615-11
Misc : 5.47G/10ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 04 04:12:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 04 04:03:33 2020
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
BG483

**Manual Integrations APPROVED**
MMDadoda
11/9/2020 10:02:22 AM




TIC: VW017066.D

(13) Acetone (T)

4.129min (-0.000) 6.82ug/L

response 1275

| Ion | Exp% | Act% |
|---|---|---|
| 43.00 | 100 | 100 |
| 58.00 | 34.90 | 56.55 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

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**Instrument :**
MSVOA_W
**ClientSampleId :**
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**Manual Integrations APPROVED**
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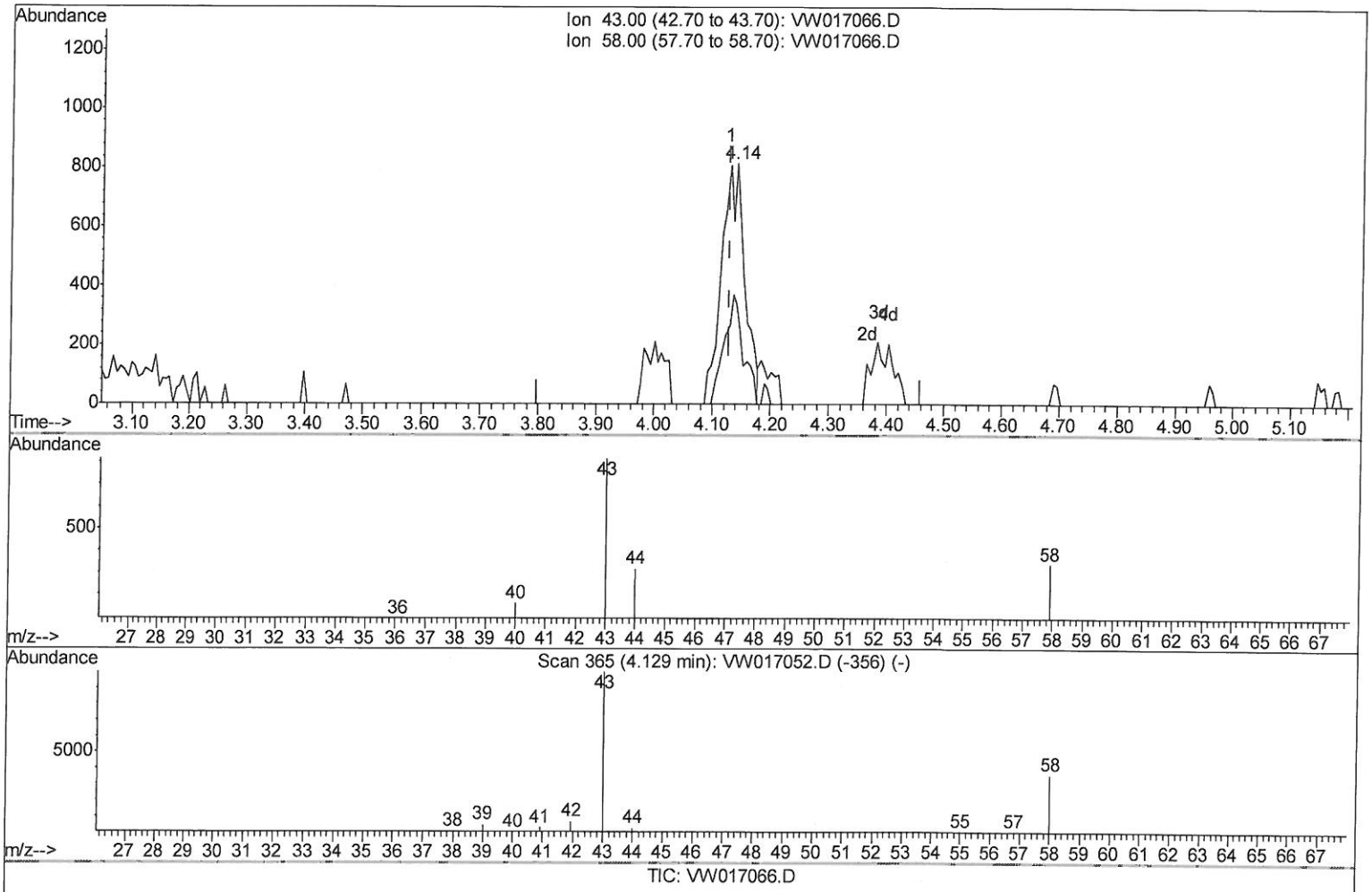


TIC: VW017066.D

(13) Acetone (T)

4.141min (+0.012) 12.14ug/L m > 11/20/20 fy

response 2269

| Ion | Exp% | Act% |
|---|---|---|
| 43.00 | 100 | 100 |
| 58.00 | 34.90 | 31.78 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110320\
Data File : VW017066.D
Acq On : 03 Nov 2020 17:54
Operator : SY/VA
Sample : L4615-11
Misc : 5.47G/10ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 04 04:12:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 04 04:03:33 2020
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
BG483

**Manual Integrations APPROVED**
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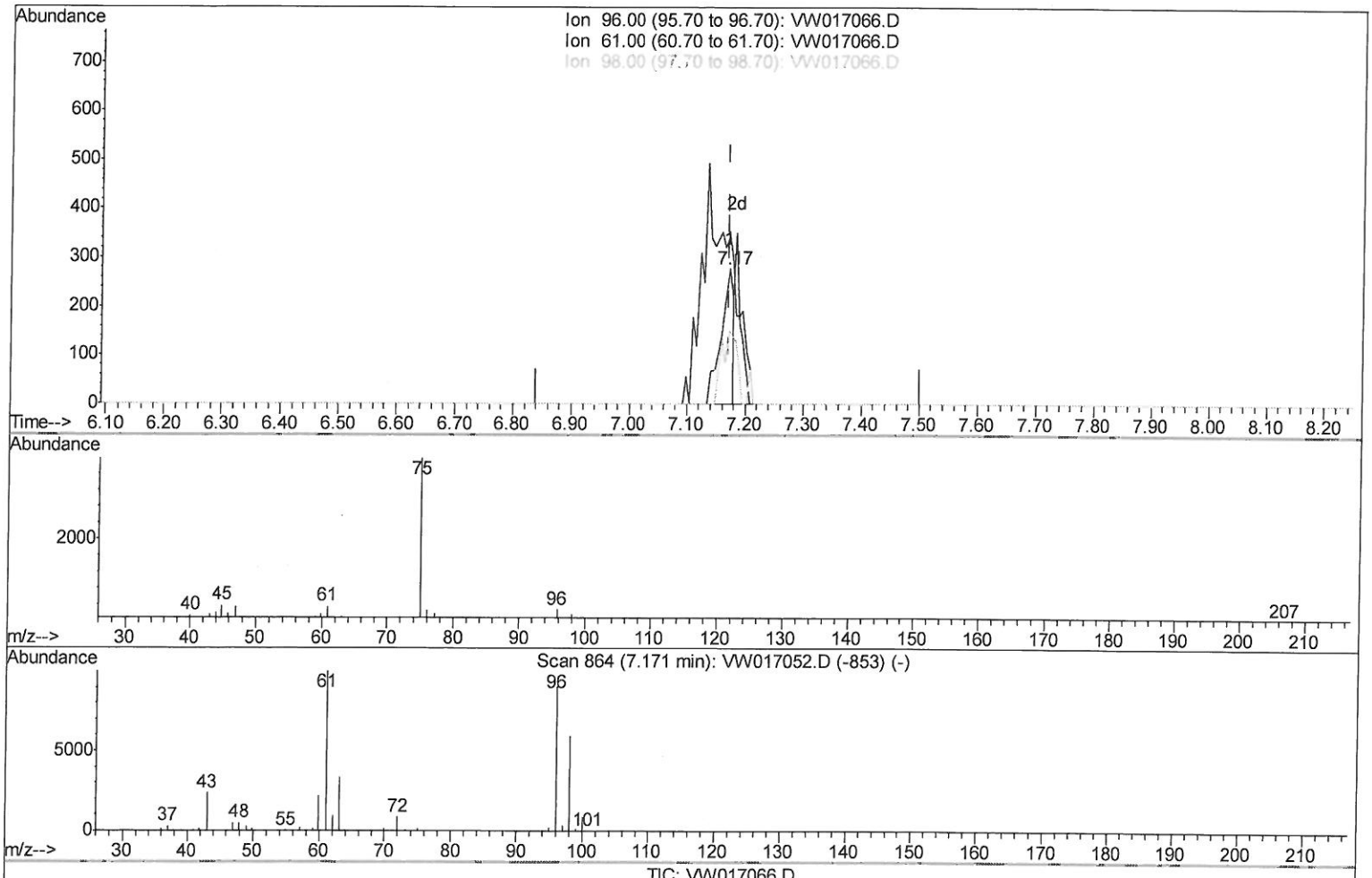
11/9/2020 10:02:22 AM




TIC: VW017066.D

(22) cis-1,2-Dichloroethene (T)

7.171min (-0.000) 0.22ug/L

response 397

| Ion | Exp% | Act% |
|---|---|---|
| 96.00 | 100 | 100 |
| 61.00 | 110.60 | 124.91 |
| 98.00 | 63.50 | 54.51 |
| 0.00 | 0.00 | 0.00 |

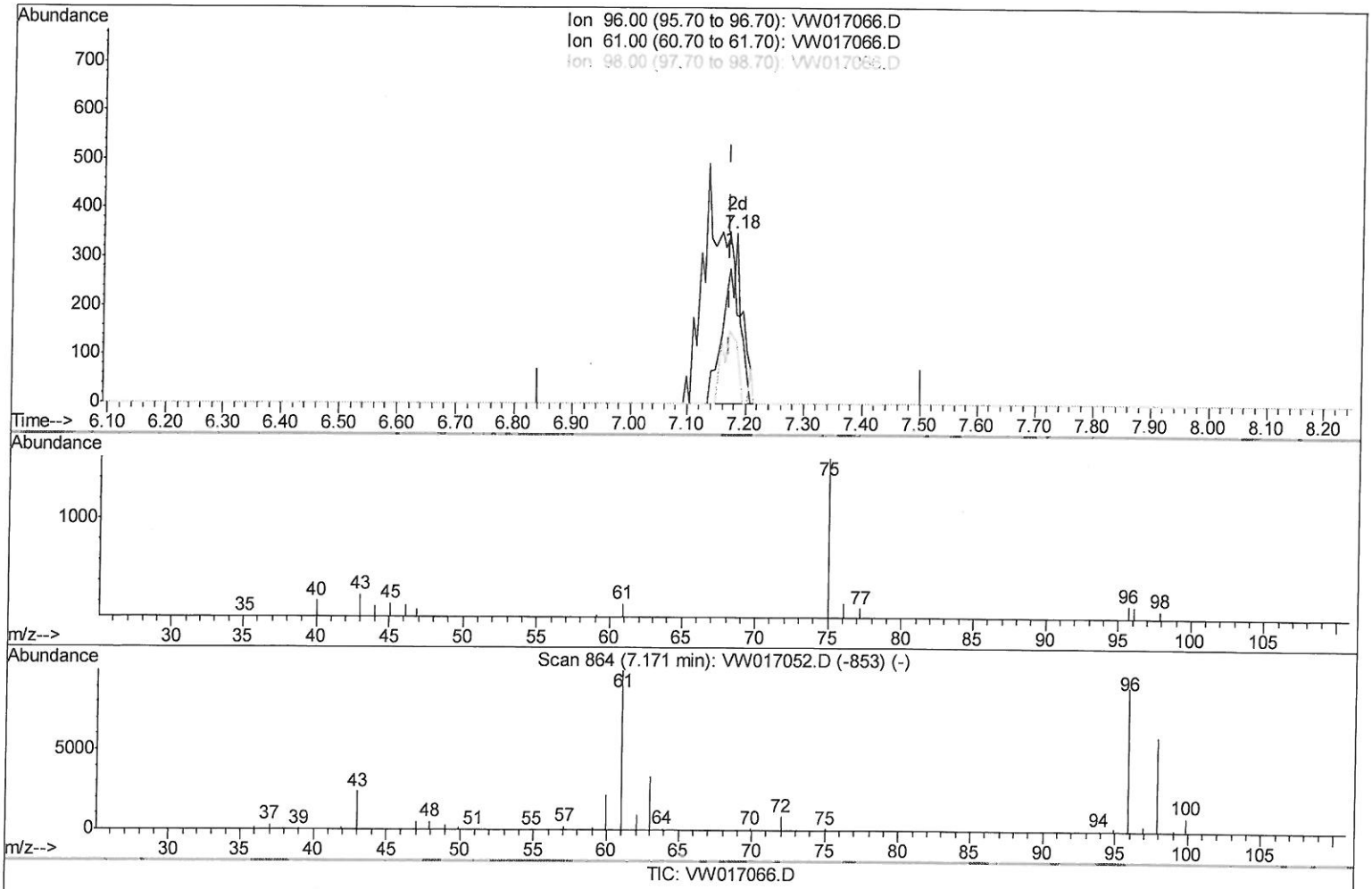
Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110320\
Data File : VW017066.D
Acq On : 03 Nov 2020 17:54
Operator : SY/VA
Sample : L4615-11
Misc : 5.47G/10ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 04 04:12:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 04 04:03:33 2020
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
BG483

**Manual Integrations APPROVED**
MMDadoda
11/9/2020 10:02:22 AM




TIC: VW017066.D

(22) cis-1,2-Dichloroethene (T)

7.183min (+0.012) 0.37ug/L m > 11/20/20 SY

response 654

| Ion | Exp% | Act% |
|---|---|---|
| 96.00 | 100 | 100 |
| 61.00 | 110.60 | 102.26 |
| 98.00 | 63.50 | 72.32 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110320\
Data File : VW017066.D
Acq On : 03 Nov 2020 17:54
Operator : SY/VA
Sample : L4615-11
Misc : 5.47G/10ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 04 05:58:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 04 04:03:33 2020
Response via : Initial Calibration

**Instrument :** MSVOA_W
**ClientSampleId :** BG483

**Manual Integrations APPROVED**
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11/9/2020 10:02:22 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.85 | 114 | 127812 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 122046 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152 | 49132 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.35 | 65 | 30787 | 20.87 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 83.48% | | | |
| 7) Chloroethane-d5 | 2.89 | 69 | 27252 | 23.84 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 95.36% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.02 | 63 | 44431 | 15.49 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 61.96% | | | |
| 20) 2-Butanone-d5 | 7.09 | 46 | 14527 | 52.28 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 104.56% | | | |
| 24) Chloroform-d | 7.65 | 84 | 67616 | 22.94 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 91.76% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.31 | 65 | 35211 | 25.38 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 101.52% | | | |
| 29) Benzene-d6 | 8.28 | 84 | 133512 | 21.30 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 85.20% | | | |
| 33) 1,2-Dichloropropane-d6 | 9.27 | 67 | 39669 | 23.44 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 93.76% | | | |
| 37) Toluene-d8 | 10.33 | 98 | 124507 | 21.09 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 84.36% | | | |
| 38) trans-1,3-Dichloropropene- | 10.58 | 79 | 14139 | 19.69 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 78.76% | | | |
| 39) 2-Hexanone-d5 | 10.93 | 63 | 11271 | 47.44 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 94.88% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69 | 84 | 30634 | 23.76 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 95.04% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.86 | 152 | 40421 | 23.41 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 93.64% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 4.14 | 43 | 2269m | 12.135 | ug/L | |
| 16) Methylene chloride | 4.93 | 84 | 4380 | 2.592 | ug/L | 90 |
| 17) Methyl tert-butyl Ether | 5.43 | 73 | 2602 | 1.427 | ug/L # | 67 |
| 22) cis-1,2-Dichloroethene | 7.18 | 96 | 654m | 0.370 | ug/L | |
| 35) Trichloroethene | 9.10 | 95 | 53547 | 28.676 | ug/L | 98 |
| 43) 4-Methyl-2-pentanone | 10.21 | 43 | 1466 | 2.054 | ug/L | 89 |
| 47) Tetrachloroethene | 10.87 | 164 | 446529 | 259.964 | ug/L | 95 |

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

11/20/20 SY

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