Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022120\

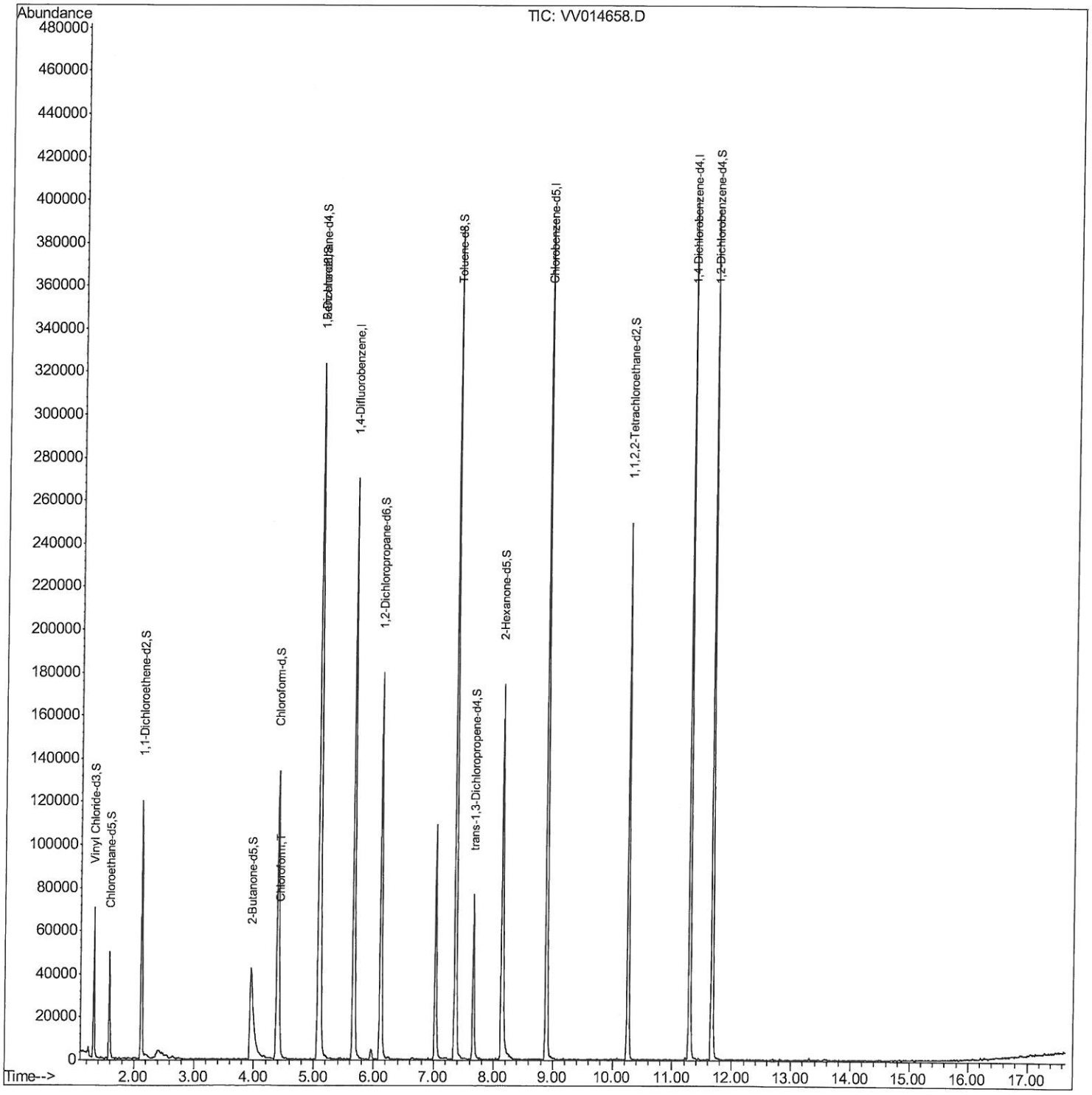
Quantitation Report (QT Reviewed)

Data File : VV014658.D
Acq On : 21 Feb 2020 17:16
Operator : SY/MD
Sample : L1608-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 22 00:14:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 23:36:05 2020
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AS0

**Manual Integrations APPROVED**
MMDadoda
2/24/2020 4:14:33 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022120\

Quantitation Report (Qedit)

Data File : VV014658.D
Acq On : 21 Feb 2020 17:16
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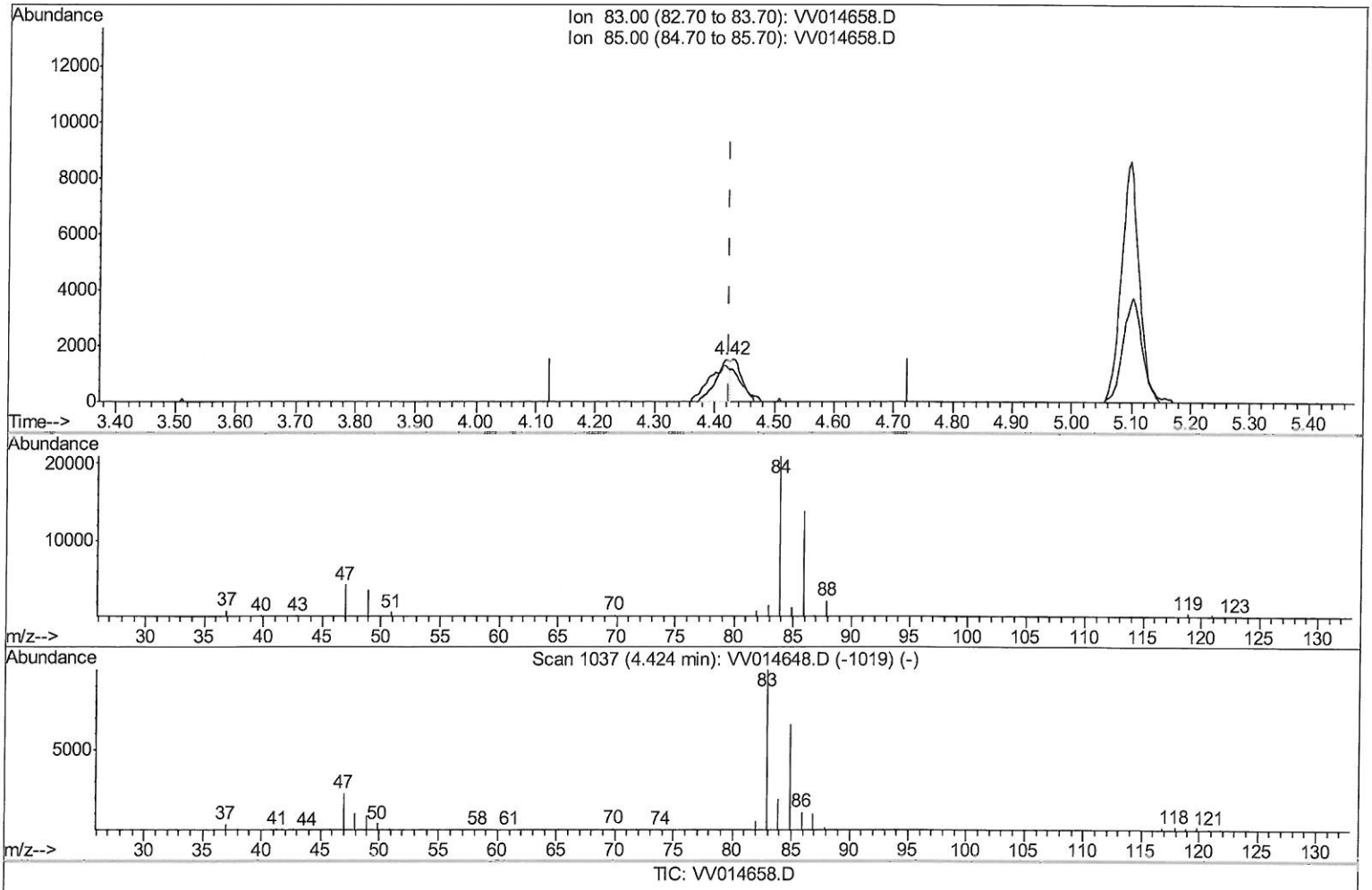
**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AS0

**Manual Integrations APPROVED**
MMDadoda
2/24/2020 4:14:33 PM




TIC: VV014658.D

(25) Chloroform (T)

4.421min (-0.003) 0.83ug/L

response 2416

| Ion | Exp% | Act% |
|---|---|---|
| 83.00 | 100 | 100 |
| 85.00 | 65.90 | 80.61 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022120\

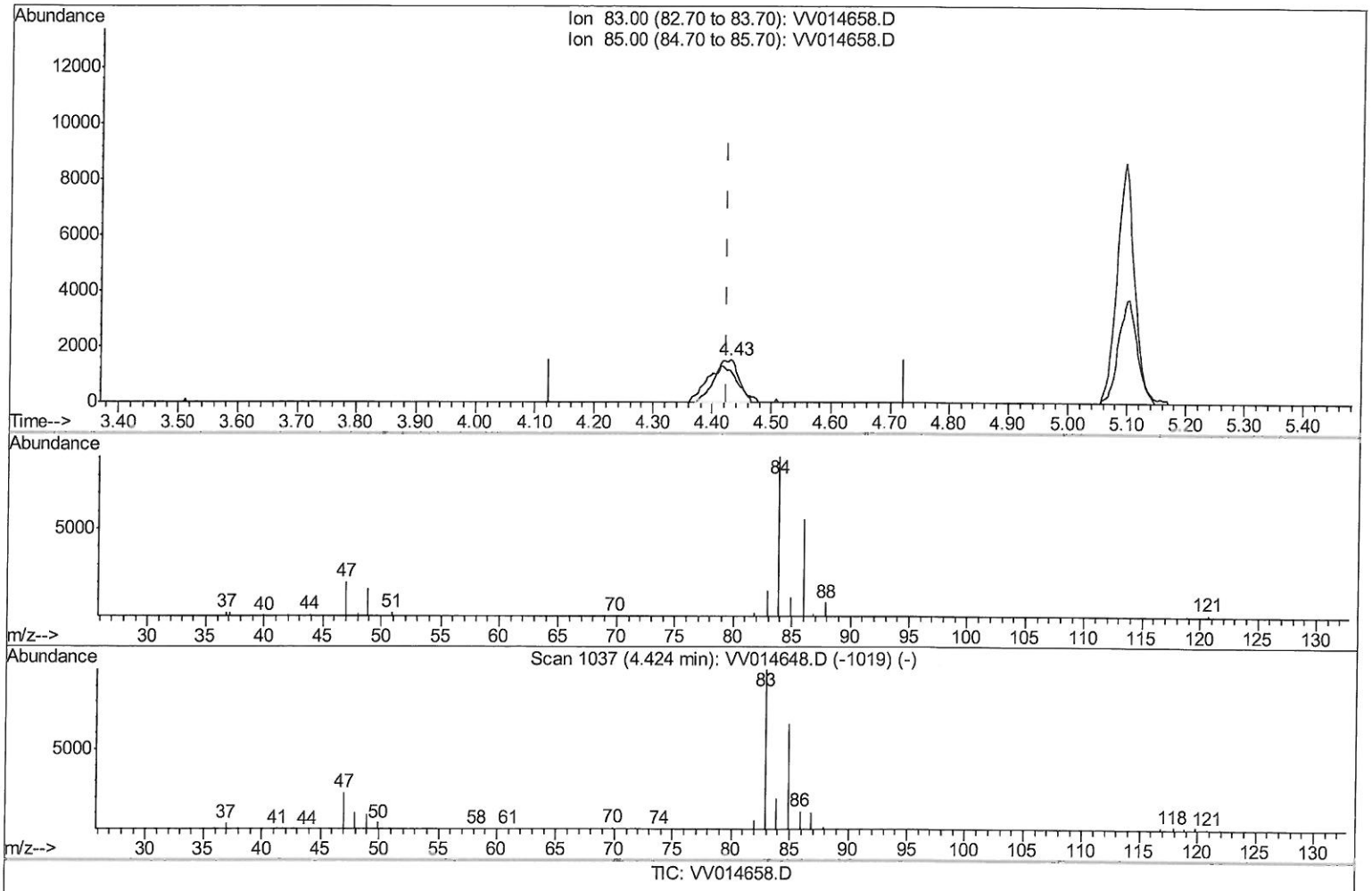
Quantitation Report (Qedit)

Data File : VV014658.D
Acq On : 21 Feb 2020 17:16
Operator : SY/MD
Sample : L1608-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 21 23:40:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 23:36:05 2020
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AS0

**Manual Integrations APPROVED**
MMDadoda
2/24/2020 4:14:33 PM




TIC: VV014658.D

(25) Chloroform (T)

4.431min (+0.006) 1.56ug/L m ? mO 2/26/20

response 4520

| Ion | Exp% | Act% |
|---|---|---|
| 83.00 | 100 | 100 |
| 85.00 | 65.90 | 75.38 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022120\

Quantitation Report (QT Reviewed)

Data File : VV014658.D
Acq On : 21 Feb 2020 17:16
Operator : SY/MD
Sample : L1608-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Feb 22 00:14:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 23:36:05 2020
Response via : Initial Calibration

**Instrument :** MSVOA_V
**ClientSampleId :** C0AS0

**Manual Integrations APPROVED**
MMDadoda
2/24/2020 4:14:33 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.66 | 114 | 233847 | 50.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.89 | 117 | 212302 | 50.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152 | 101730 | 50.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 39783 | 43.56 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 87.12% | | | |
| 7) Chloroethane-d5 | 1.59 | 69 | 29640 | 44.78 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 89.56% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 60321 | 35.43 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 70.86% | | | |
| 21) 2-Butanone-d5 | 3.95 | 46 | 85257 | 100.43 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 100.43% | | | |
| 24) Chloroform-d | 4.40 | 84 | 138926 | 46.46 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 92.92% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 93092 | 48.70 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 97.40% | | | |
| 32) Benzene-d6 | 5.10 | 84 | 278913 | 49.64 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 99.28% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.11 | 67 | 82613 | 50.42 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 100.84% | | | |
| 41) Toluene-d8 | 7.36 | 98 | 258962 | 47.85 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 95.70% | | | |
| 43) trans-1,3-Dichloropropene- | 7.66 | 79 | 42813 | 46.64 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 93.28% | | | |
| 47) 2-Hexanone-d5 | 8.13 | 63 | 64915 | 98.85 | ug/L | 0.00 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 98.85% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25 | 84 | 114181 | 50.29 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 100.58% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.67 | 152 | 100440 | 50.46 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 100.92% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 25) Chloroform | 4.43 | 83 | 4520m | 1.560 | ug/L | |

2MD 2/26/20

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