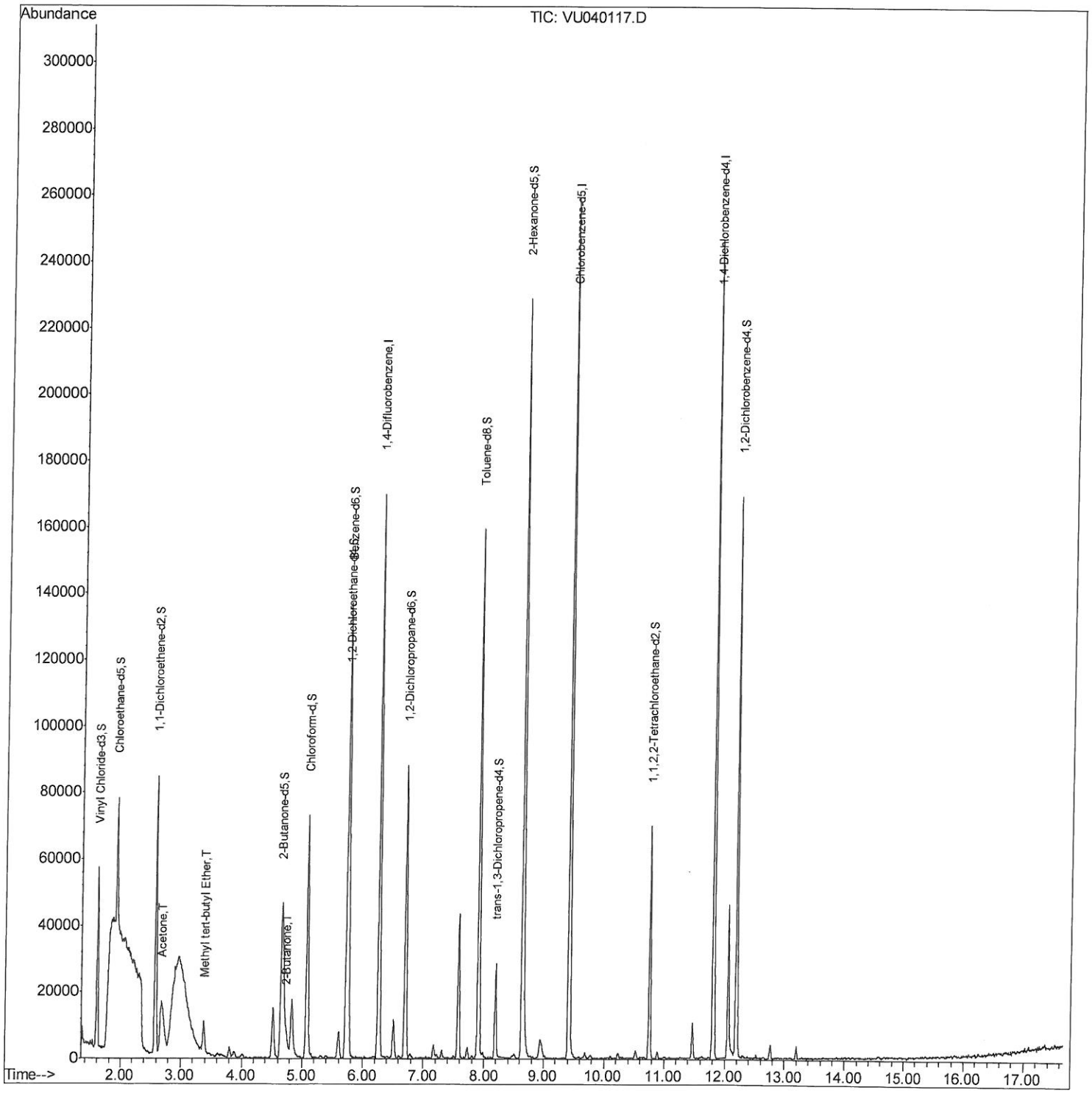
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091420\
Data File : VU040117.D
Acq On : 14 Sep 2020 13:40
Operator : SY/MD
Sample : L3961-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 15 02:52:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 15 01:48:35 2020
Response via : Initial Calibration

**Instrument :**
MSVOA_U
**ClientSampleId :**
F4Y42

**Manual Integrations APPROVED**
MMDadoda
9/15/2020 8:30:17 AM



Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091420\
Data File : VU040117.D
Acq On : 14 Sep 2020 13:40
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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

**Instrument :**
MSVOA_U
**ClientSampleId :**
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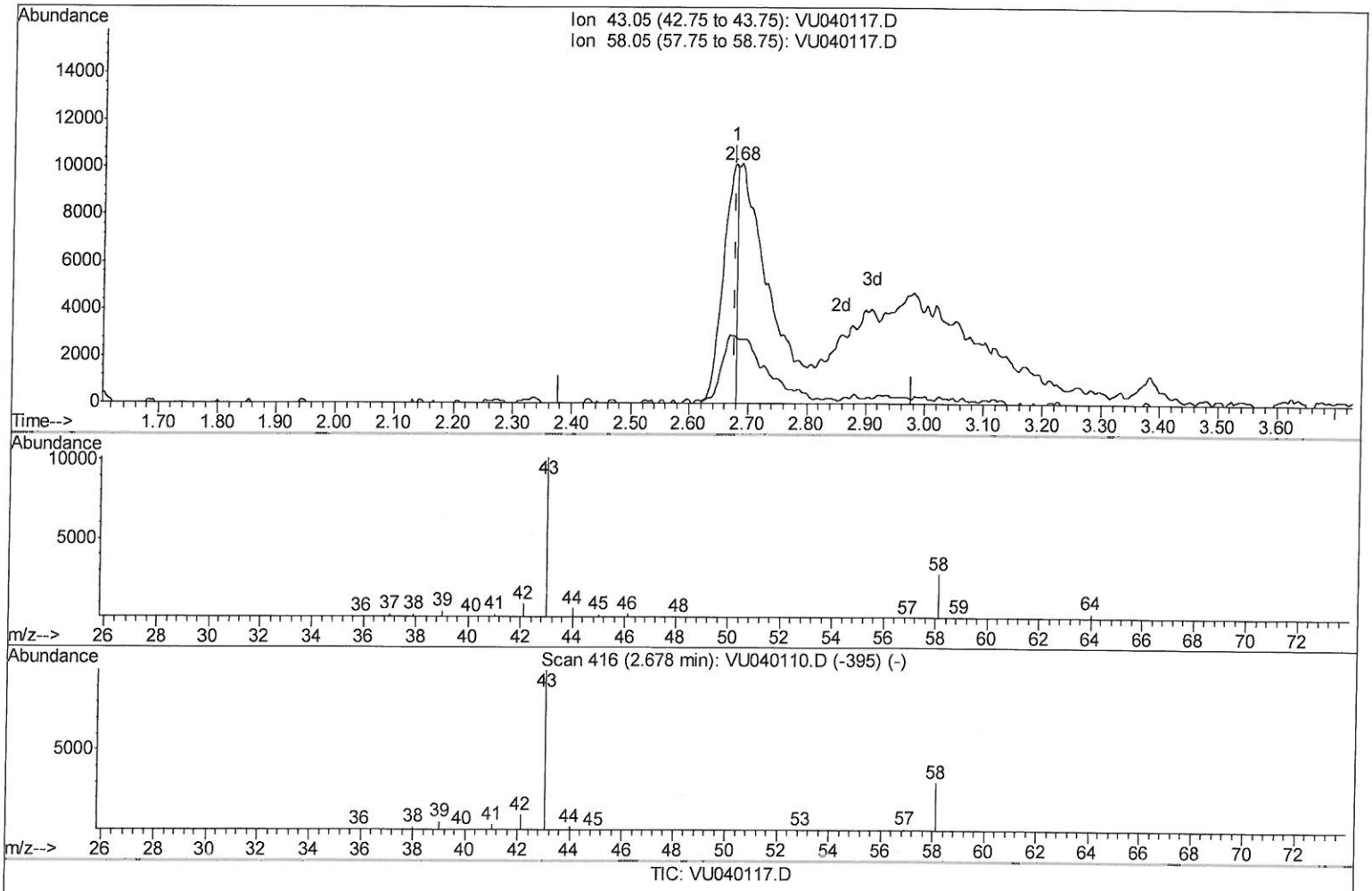
**Manual Integrations APPROVED**
MMDadoda
9/15/2020 8:30:17 AM




TIC: VU040117.D

(13) Acetone (T)

2.678min (-0.000) 7.20ug/L

response 18079

| Ion | Exp% | Act% |
|---|---|---|
| 43.05 | 100 | 100 |
| 58.05 | 27.70 | 32.01 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091420\
Data File : VU040117.D
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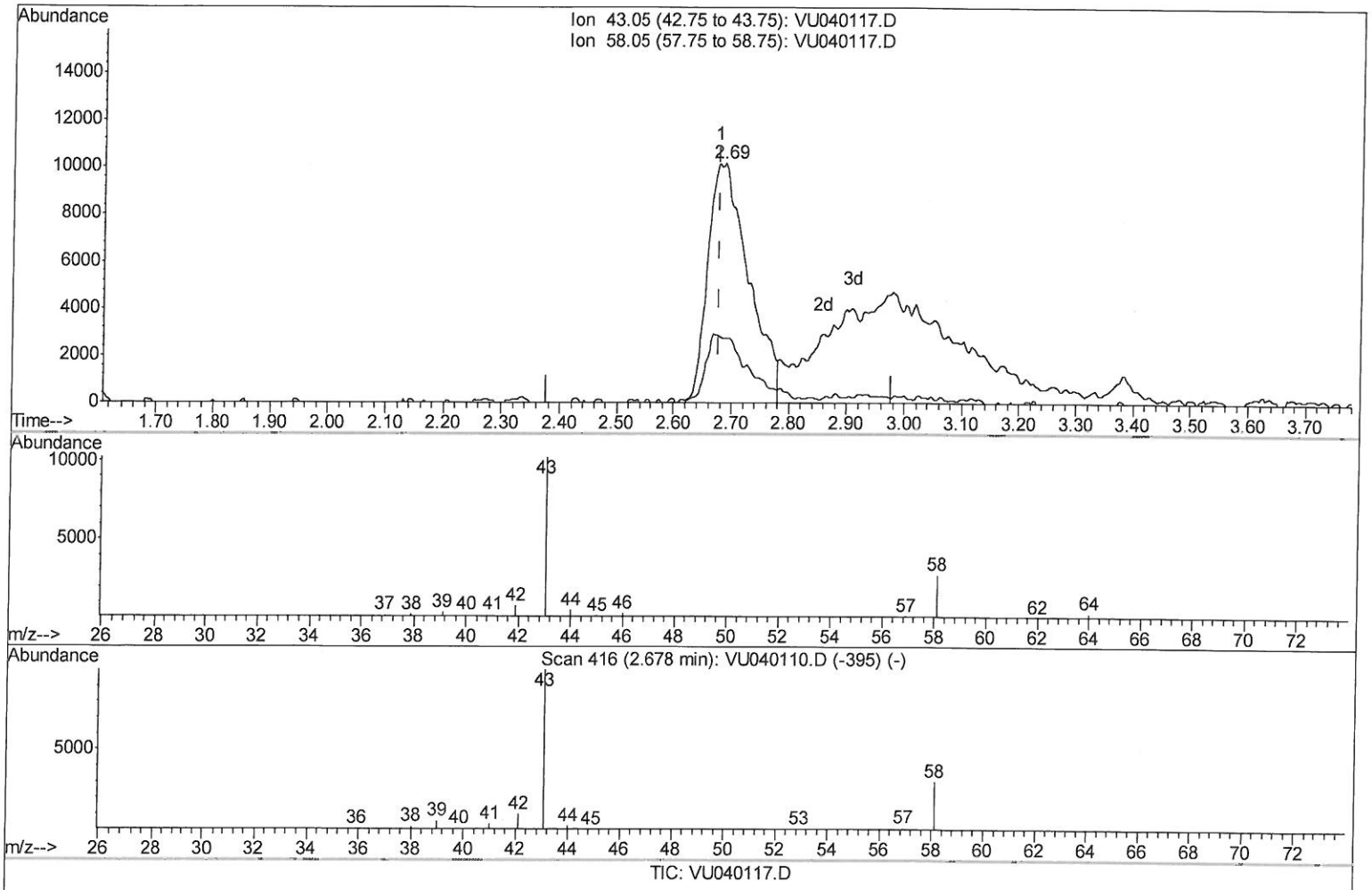
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 15 01:48:35 2020
Response via : Initial Calibration

**Instrument :**
MSVOA_U
**ClientSampleId :**
F4Y42

**Manual Integrations APPROVED**
MMDadoda
9/15/2020 8:30:17 AM




TIC: VU040117.D

(13) Acetone (T)

2.687min (+0.009) 20.04ug/L m

response 50349

| Ion | Exp% | Act% |
|---|---|---|
| 43.05 | 100 | 100 |
| 58.05 | 27.70 | 11.49 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

SMD 09/15/20

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091420\
Data File : VU040117.D
Acq On : 14 Sep 2020 13:40
Operator : SY/MD
Sample : L3961-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 15 02:52:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 15 01:48:35 2020
Response via : Initial Calibration

**Instrument :** MSVOA_U
**ClientSampleId :** F4Y42

**Manual Integrations APPROVED**
MMDadoda
9/15/2020 8:30:17 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.26 | 114 | 124263 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 126741 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 58089 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.60 | 65 | 30471 | 4.49 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 89.80% | | | |
| 7) Chloroethane-d5 | 1.92 | 69 | 25803 | 4.57 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 91.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.58 | 63 | 49254 | 2.83 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 56.60%# | | | |
| 20) 2-Butanone-d5 | 4.66 | 46 | 107974 | 39.79 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 79.58% | | | |
| 24) Chloroform-d | 5.08 | 84 | 61901 | 3.91 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 78.20% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.72 | 65 | 38126 | 3.90 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 78.00% | | | |
| 32) Benzene-d6 | 5.74 | 84 | 113041 | 3.82 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 76.40% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.70 | 67 | 37371 | 3.83 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 76.60% | | | |
| 41) Toluene-d8 | 7.91 | 98 | 94922 | 3.55 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 71.00% | | | |
| 43) trans-1,3-Dichloropropene- | 8.19 | 79 | 14159 | 3.16 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 63.20% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 75283 | 35.47 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 70.94% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.76 | 84 | 33341 | 3.95 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 79.00% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 38978 | 4.15 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 83.00% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 2.69 | 43 | 50349m | 20.042 | ug/L | |
| 17) Methyl tert-butyl Ether | 3.38 | 73 | 9230 | 0.318 | ug/L | 95 |
| 21) 2-Butanone | 4.74 | 43 | 3205 | 0.781 | ug/L | 79 |

MD 9/15/20

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