Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092920\

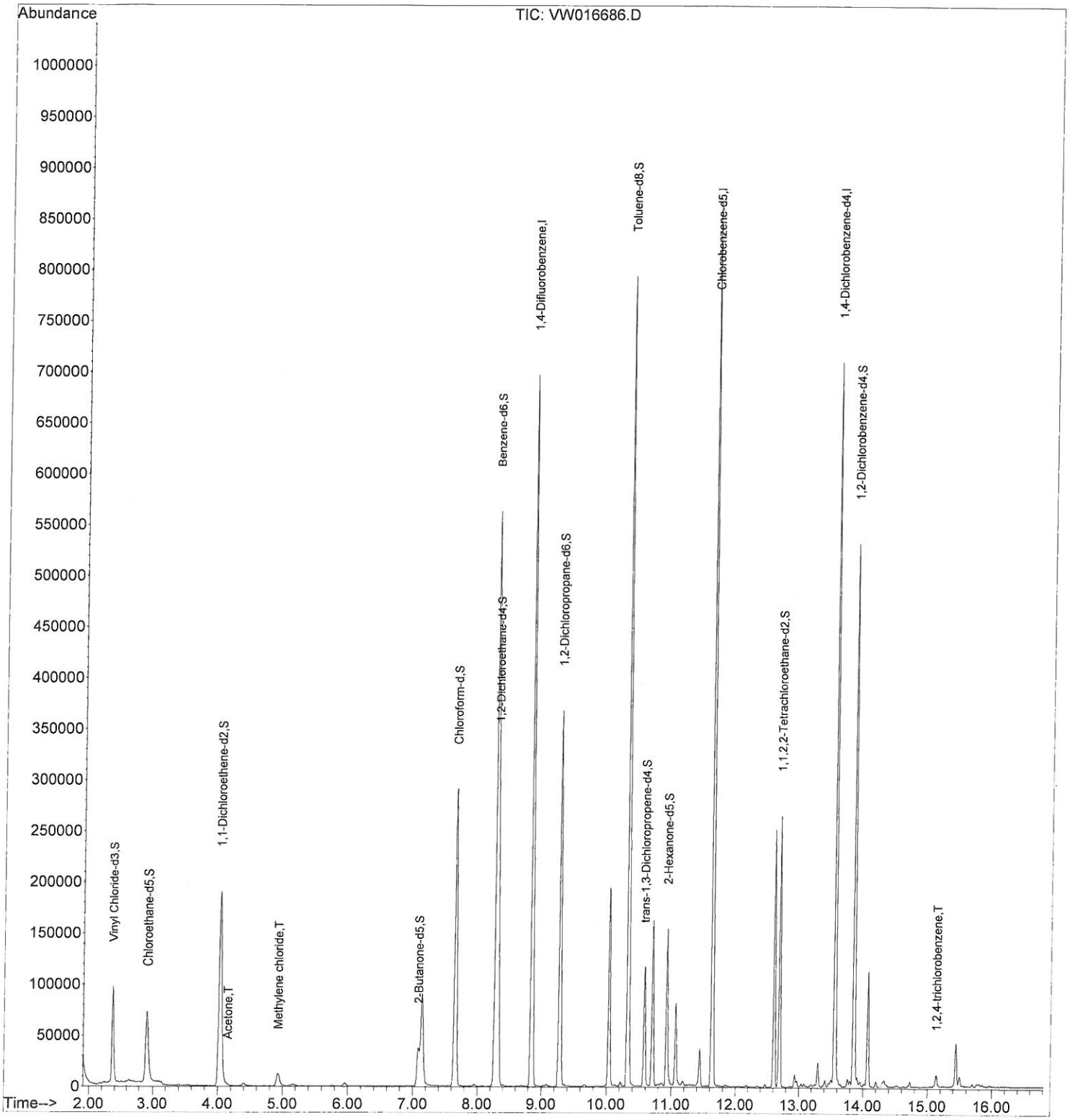
Quantitation Report (LSC Reviewed)

Data File : VW016686.D
Acq On : 29 Sep 2020 15:04
Operator : SY/VA
Sample : L4184-12
Misc : 5.40G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 30 22:31:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 30 07:14:58 2020
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
C0AL6

**Manual Integrations APPROVED**
MMDadoda
10/1/2020 2:43:06 PM



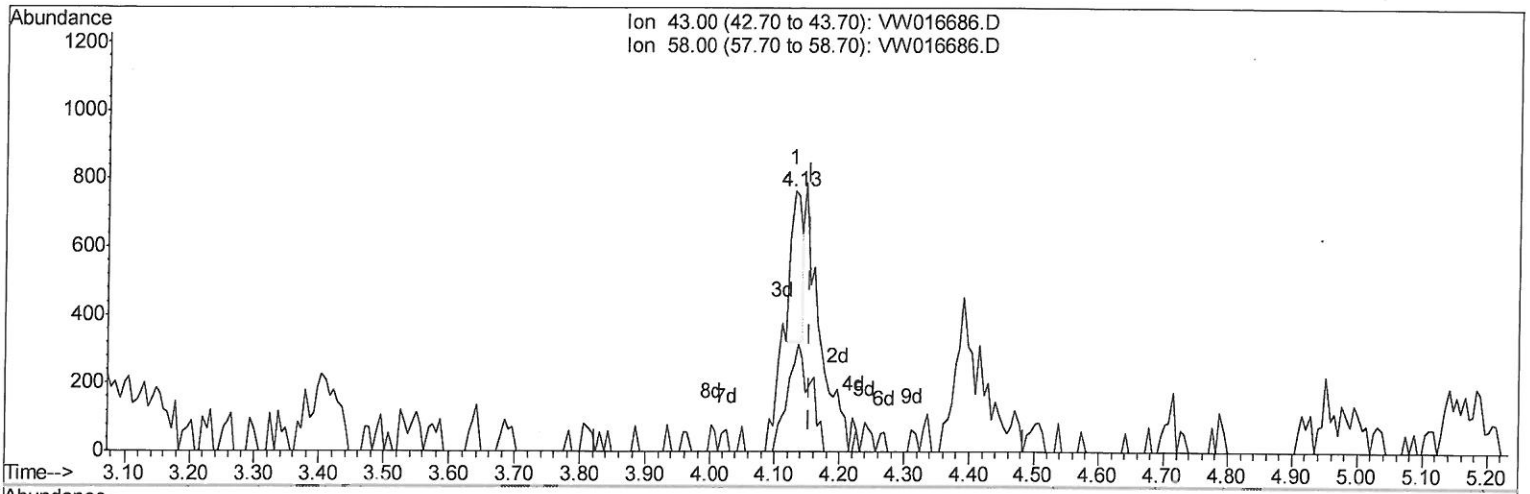
Quantitation Report (Qedit)

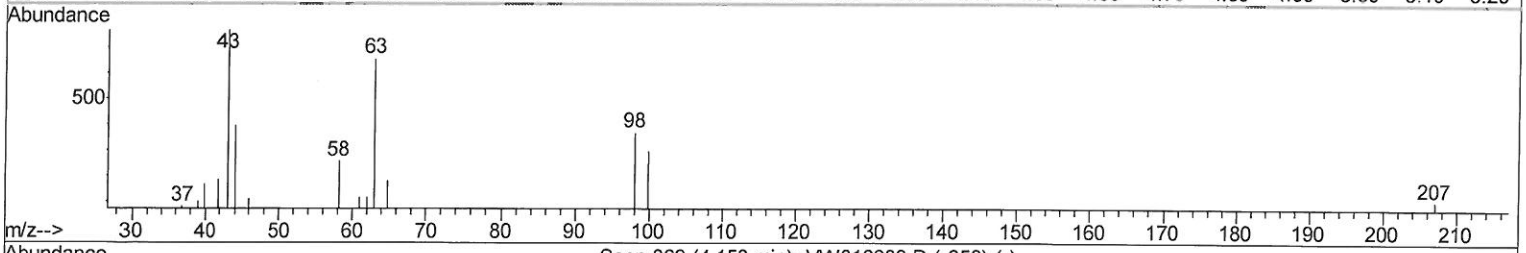
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016686.D
Acq On : 29 Sep 2020 15:04
Operator : SY/VA
Sample : L4184-12
Misc : 5.40G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

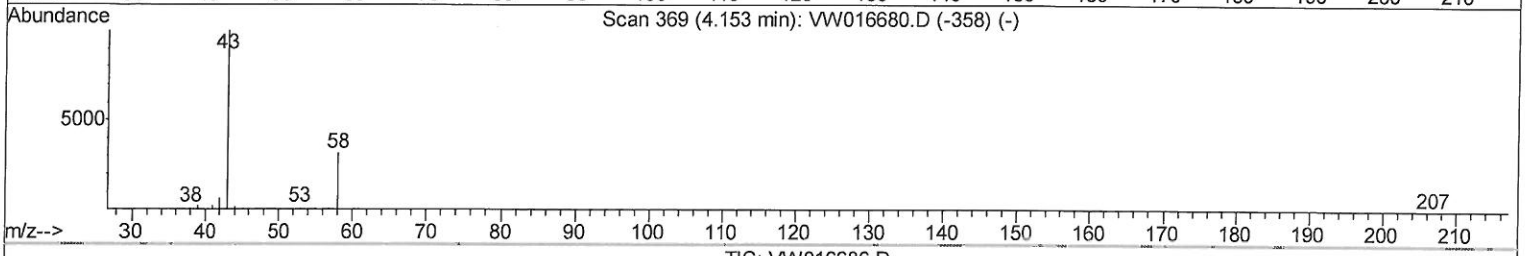
Quant Time: Sep 30 07:16:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 30 07:14:58 2020
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
C0AL6

**Manual Integrations APPROVED**
MMDadoda
10/1/2020 2:43:06 PM




TIC: VW016686.D

(13) Acetone (T)

4.129min (-0.024) 0.42ug/L

response 545

| Ion | Exp% | Act% |
|---|---|---|
| 43.00 | 100 | 100 |
| 58.00 | 30.10 | 103.49# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092920\
Data File : VW016686.D
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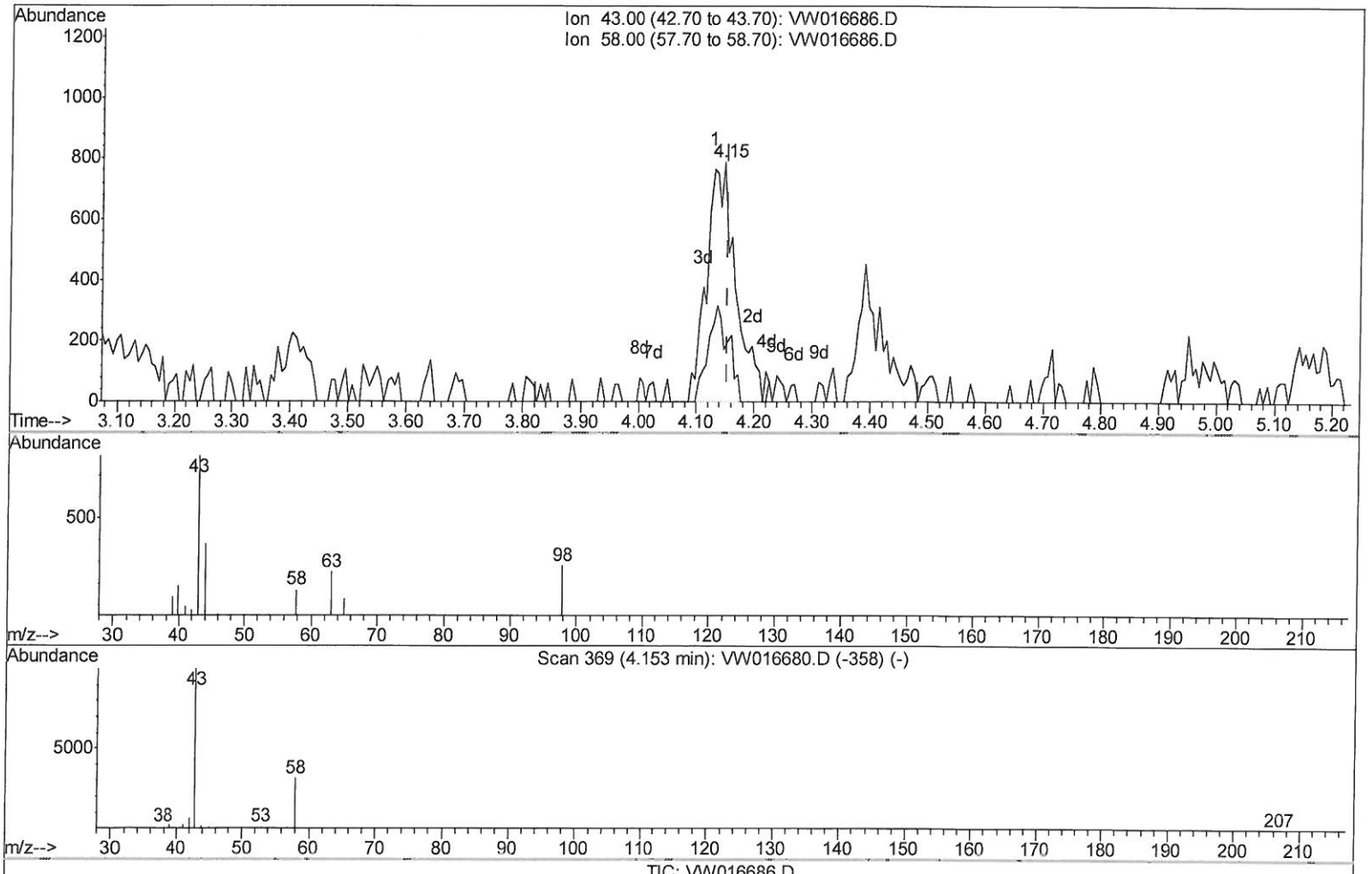
QLast Update : Wed Sep 30 07:14:58 2020
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
C0AL6

**Manual Integrations APPROVED**
MMDadoda
10/1/2020 2:43:06 PM




TIC: VW016686.D

(13) Acetone (T)

4.147min (-0.006) 2.10ug/L m >10/02/20 SY

response 2701

| Ion | Exp% | Act% |
|---|---|---|
| 43.00 | 100 | 100 |
| 58.00 | 30.10 | 20.88 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092920\

Quantitation Report (LSC Reviewed)

Data File : VW016686.D
Acq On : 29 Sep 2020 15:04
Operator : SY/VA
Sample : L4184-12
Misc : 5.40G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 30 22:31:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 30 07:14:58 2020
Response via : Initial Calibration

**Instrument :** MSVOA_W
**ClientSampleId :** C0AL6

**Manual Integrations APPROVED**
MMDadoda
10/1/2020 2:43:06 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.85 | 114 | 623147 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 511595 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152 | 195132 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.37 | 65 | 117943 | 19.55 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 78.20% | | | |
| 7) Chloroethane-d5 | 2.91 | 69 | 107363 | 21.80 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 87.20% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.03 | 63 | 198650 | 14.73 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 58.92% | | | |
| 20) 2-Butanone-d5 | 7.08 | 46 | 64153 | 39.01 | ug/L | -0.01 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 78.02% | | | |
| 24) Chloroform-d | 7.66 | 84 | 303904 | 23.31 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 93.24% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.31 | 65 | 157675 | 23.56 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 94.24% | | | |
| 29) Benzene-d6 | 8.28 | 84 | 581081 | 25.33 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 101.32% | | | |
| 33) 1,2-Dichloropropane-d6 | 9.28 | 67 | 163047 | 26.22 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 104.88% | | | |
| 37) Toluene-d8 | 10.33 | 98 | 537106 | 23.79 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 95.16% | | | |
| 38) trans-1,3-Dichloropropene- | 10.58 | 79 | 68627 | 21.89 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 87.56% | | | |
| 39) 2-Hexanone-d5 | 10.93 | 63 | 51433 | 45.48 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 90.96% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69 | 84 | 122021 | 23.06 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 92.24% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.85 | 152 | 149704 | 24.01 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 96.04% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 13) Acetone | 4.15 | 43 | 2701m | 2.097 | ug/L | |
| 16) Methylene chloride | 4.93 | 84 | 10771 | 1.121 | ug/L | 98 |
| 68) 1,2,4-trichlorobenzene | 15.14 | 180 | 3958 | 0.527 | ug/L | 96 |

10/02/20 SY

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