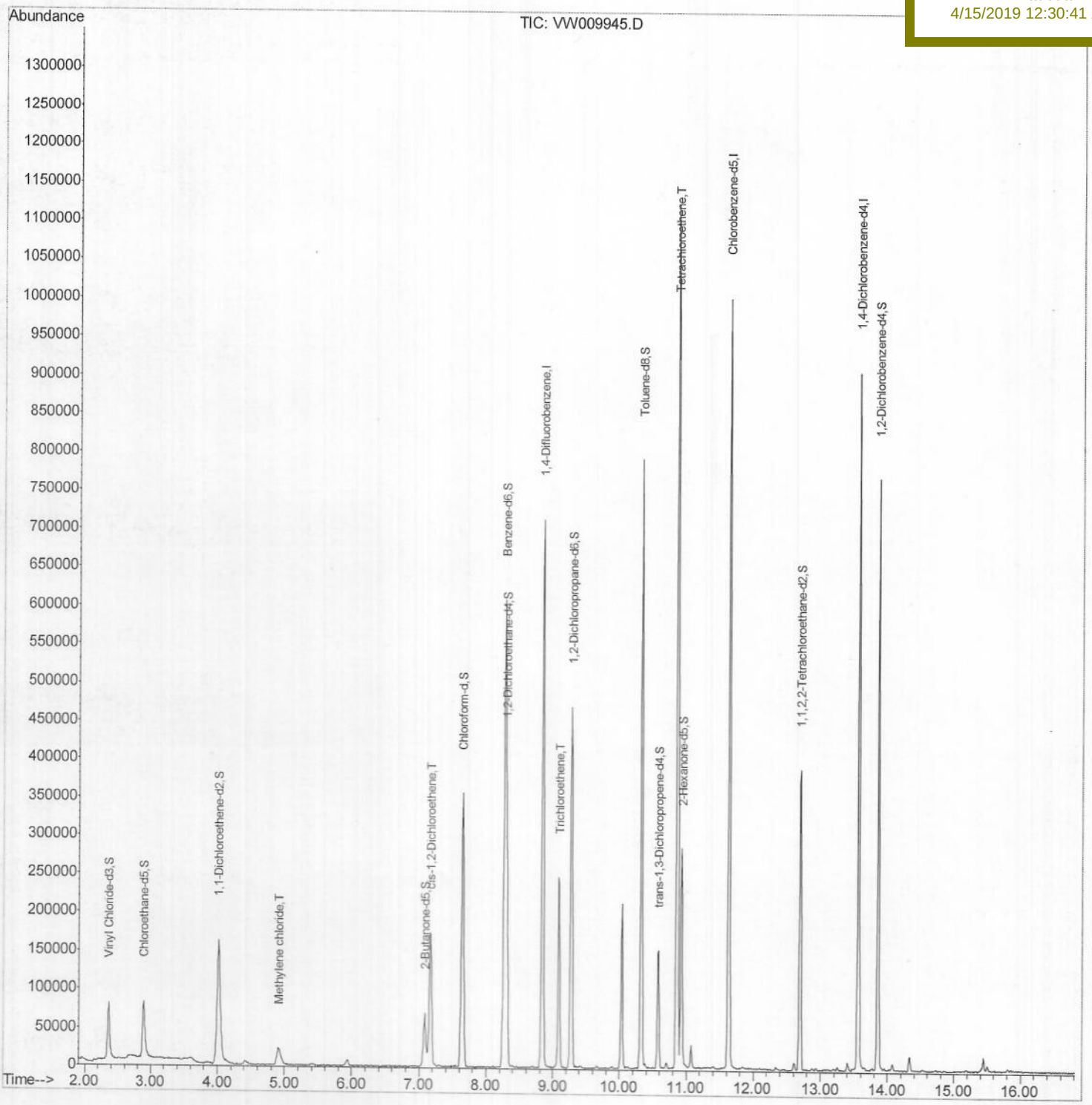
Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041119\
Data File : VW009945.D
Acq On : 12 Apr 2019 06:38
Operator : SY/VA
Sample : K2328-22
Misc : 5.01G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 12 08:54:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 05:38:57 2019
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
DB740

**Manual Integrations APPROVED**
MMDadoda
4/15/2019 12:30:41 AM



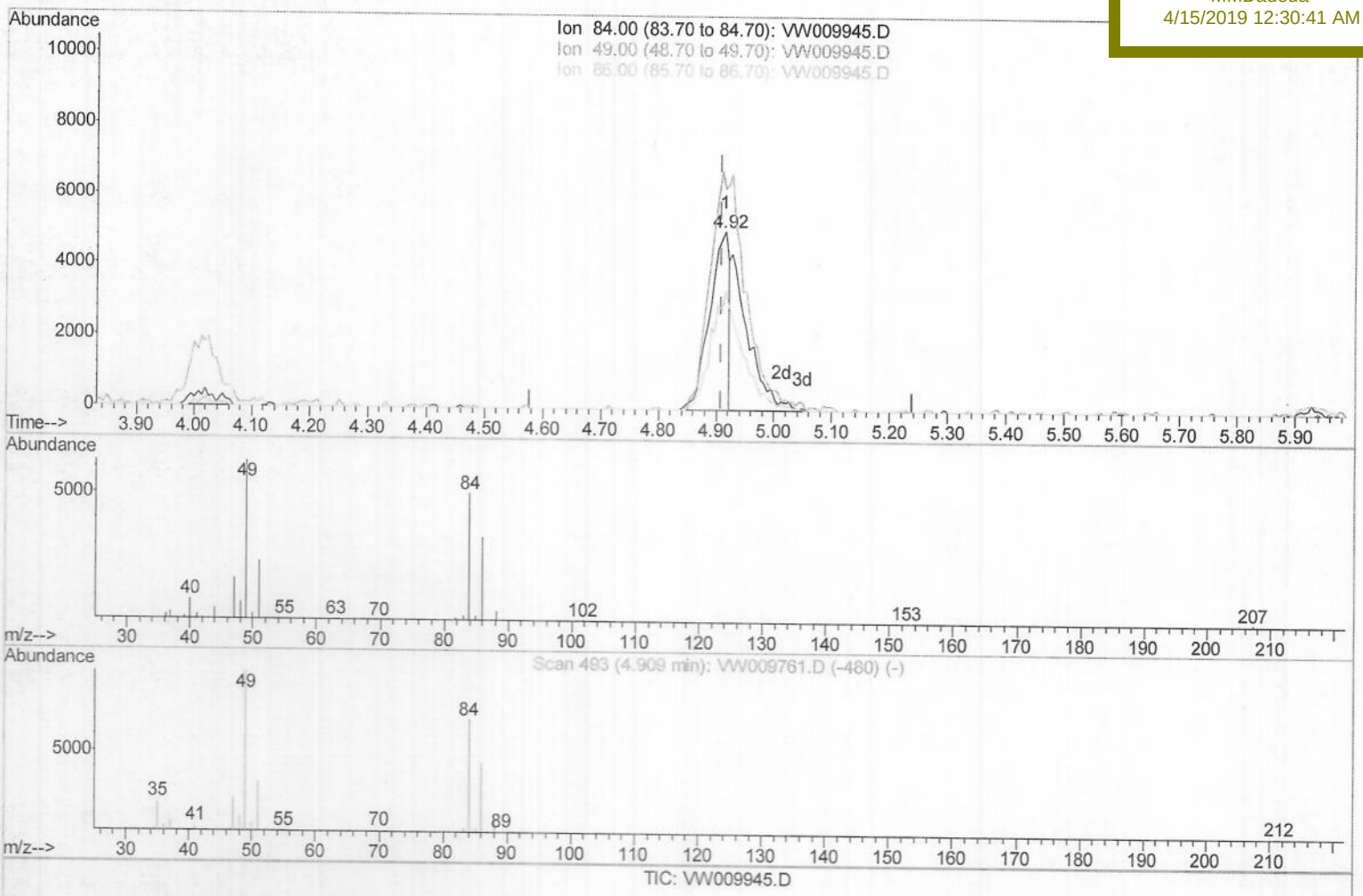
Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041119\
Data File : VW009945.D
Acq On : 12 Apr 2019 06:38
Operator : SY/VA
Sample : K2328-22
Misc : 5.01G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 25 01:25:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 19 08:16:42 2019
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
DB740

**Manual Integrations APPROVED**
MMDadoda
4/15/2019 12:30:41 AM







TIC: VW009945.D

(16) Methylene chloride (T)

4.916min (+0.006) 1.26ug/L

response 11774

| Ion | Exp% | Act% |
|---|---|---|
| 84.00 | 100 | 100 |
| 49.00 | 140.40 | 124.71 |
| 86.00 | 66.30 | 66.73 |
| 0.00 | 0.00 | 0.00 |

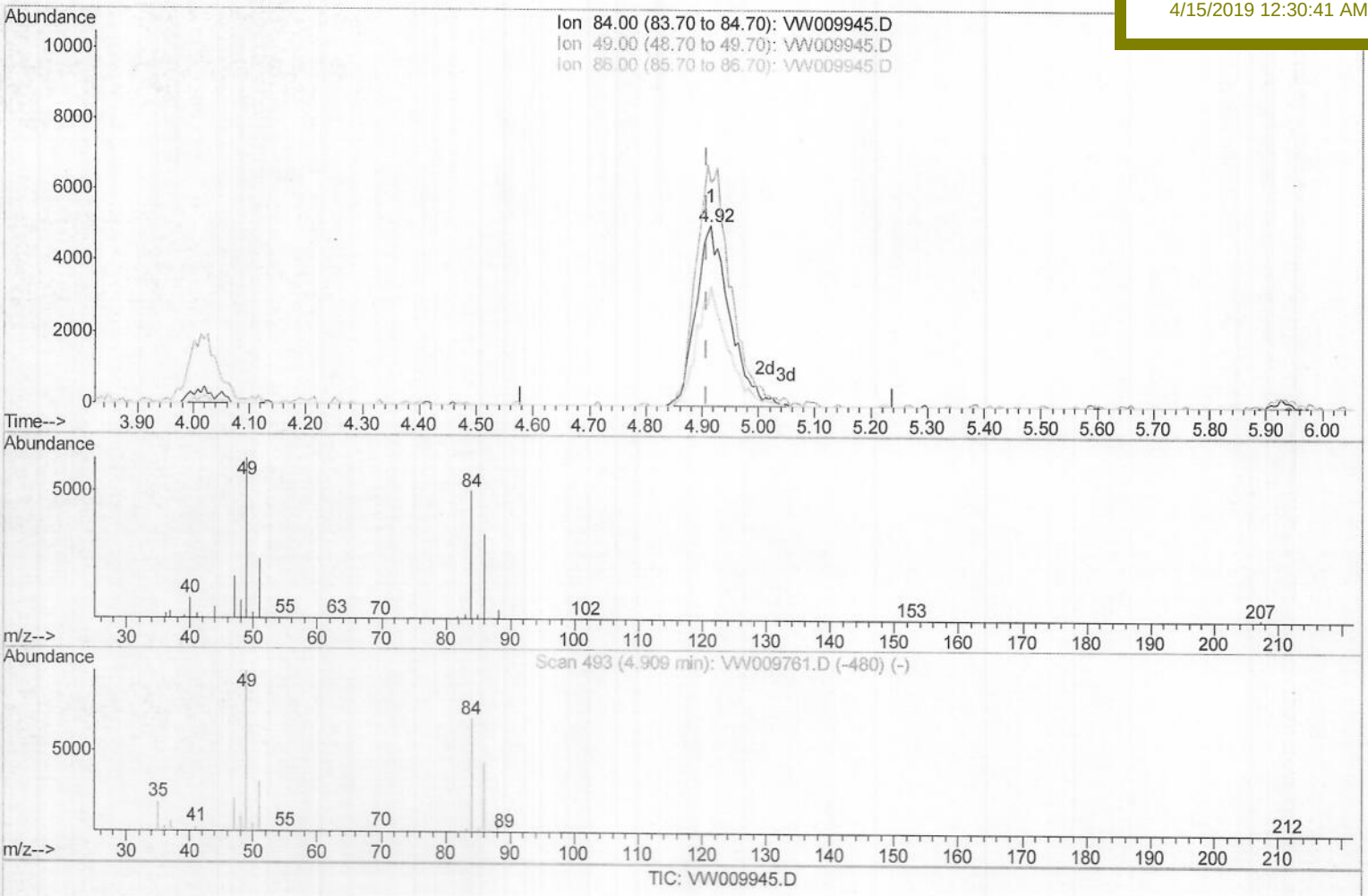
Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041119\
Data File : VW009945.D
Acq On : 12 Apr 2019 06:38
Operator : SY/VA
Sample : K2328-22
Misc : 5.01G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 12 08:54:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 05:38:57 2019
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
DB740

**Manual Integrations APPROVED**
MMDadoda
4/15/2019 12:30:41 AM










TIC: VW009945.D

(16) Methylene chloride (T)

4.916min (+0.006) 2.25ug/L m

response 21079

M.P 4/25/19

| Ion | Exp% | Act% |
|---|---|---|
| 84.00 | 100 | 100 |
| 49.00 | 140.40 | 124.71 |
| 86.00 | 66.30 | 66.73 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041119\
Data File : VW009945.D
Acq On : 12 Apr 2019 06:38
Operator : SY/VA
Sample : K2328-22
Misc : 5.01G/10ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 12 08:54:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 12 05:38:57 2019
Response via : Initial Calibration

**Instrument :** MSVOA_W
**ClientSampleId :** DB740

**Manual Integrations APPROVED**
MMDadoda
4/15/2019 12:30:41 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.84 | 114 | 530681 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 525827 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152 | 216598 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.36 | 65 | 101177 | 14.57 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 58.28% | | | |
| 7) Chloroethane-d5 | 2.89 | 69 | 100526 | 15.80 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 63.20% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.01 | 63 | 201514 | 13.49 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 53.96% | | | |
| 20) 2-Butanone-d5 | 7.08 | 46 | 117537 | 52.13 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 104.26% | | | |
| 24) Chloroform-d | 7.64 | 84 | 331214 | 22.87 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 91.48% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.30 | 65 | 214551 | 24.13 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 96.52% | | | |
| 29) Benzene-d6 | 8.27 | 84 | 580235 | 21.02 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 84.08% | | | |
| 33) 1,2-Dichloropropane-d6 | 9.27 | 67 | 194912 | 22.86 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 91.44% | | | |
| 37) Toluene-d8 | 10.32 | 98 | 489230 | 19.17 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 76.68% | | | |
| 38) trans-1,3-Dichloropropene- | 10.58 | 79 | 76952 | 18.92 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 75.68% | | | |
| 39) 2-Hexanone-d5 | 10.93 | 63 | 85936 | 53.48 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 106.96% | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69 | 84 | 183150 | 23.11 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 92.44% | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.86 | 152 | 187085 | 24.61 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 98.44% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Methylene chloride | 4.92 | 84 | 21079m | 2.252 | ug/L | |
| 22) cis-1,2-Dichloroethene | 7.17 | 96 | 97827 | 12.478 | ug/L | 97 |
| 35) Trichloroethene | 9.09 | 95 | 80055 | 9.669 | ug/L | 99 |
| 47) Tetrachloroethene | 10.86 | 164 | 226339 | 34.710 | ug/L | 99 |

M.D 4/25/19

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