Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050719\

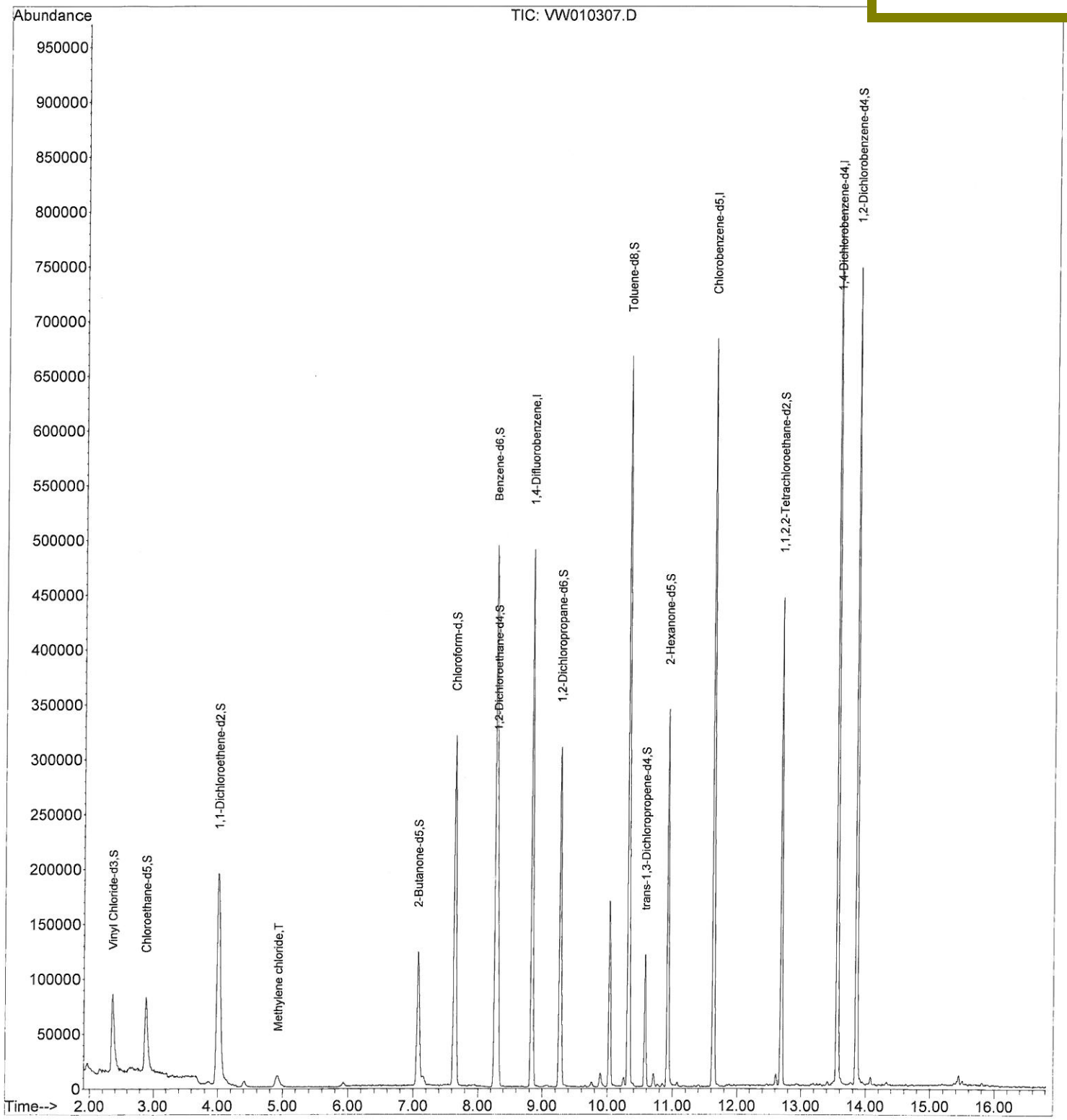
Quantitation Report (QT/LSC Reviewed)

Data File : VW010307.D
Acq On : 07 May 2019 19:27
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 08 06:55:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050719S.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 04:42:42 2019
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK

**Manual Integrations APPROVED**
MMDadoda
5/10/2019 6:02:50 PM



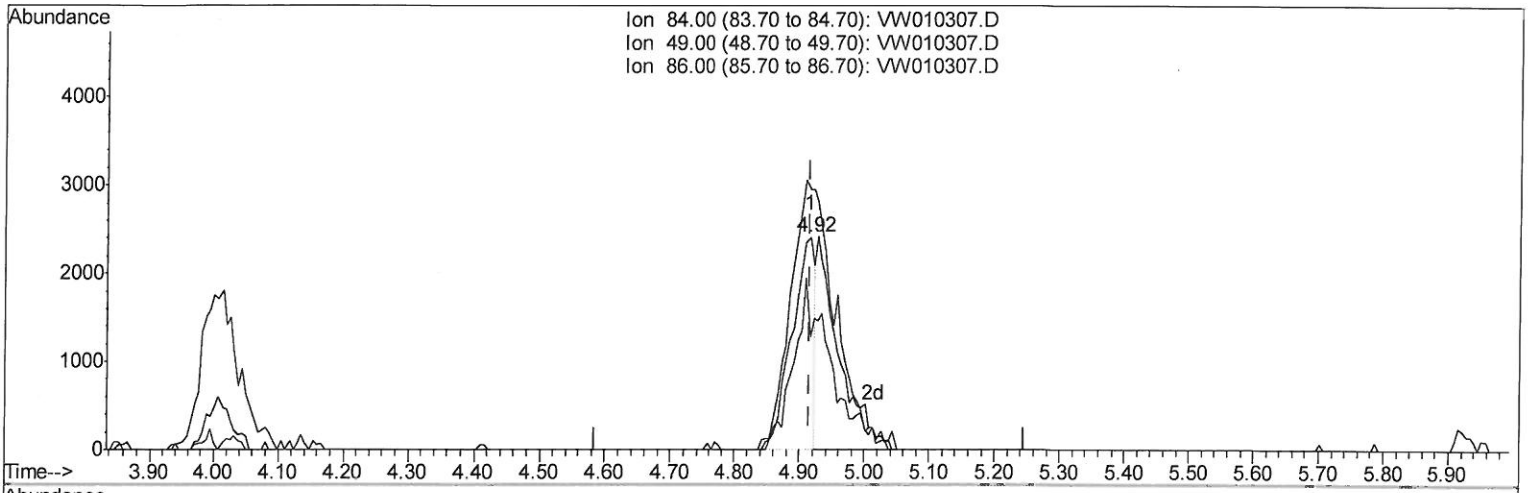
Quantitation Report (Qedit)

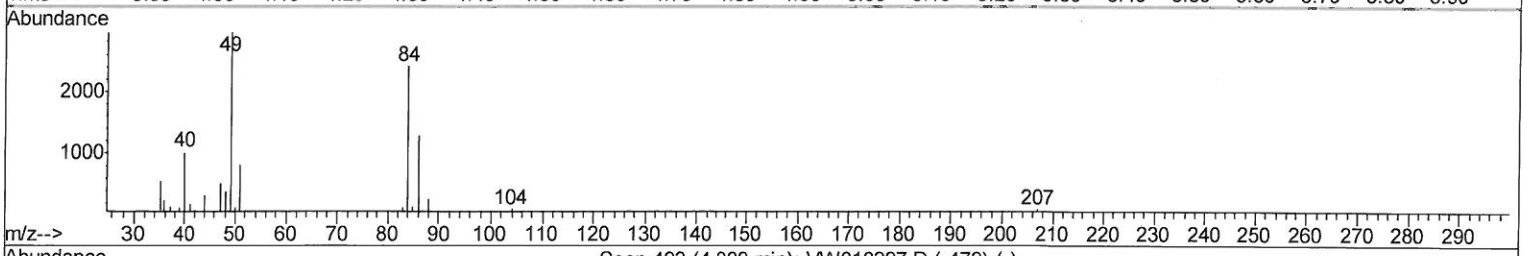
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050719\
Data File : VW010307.D
Acq On : 07 May 2019 19:27
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

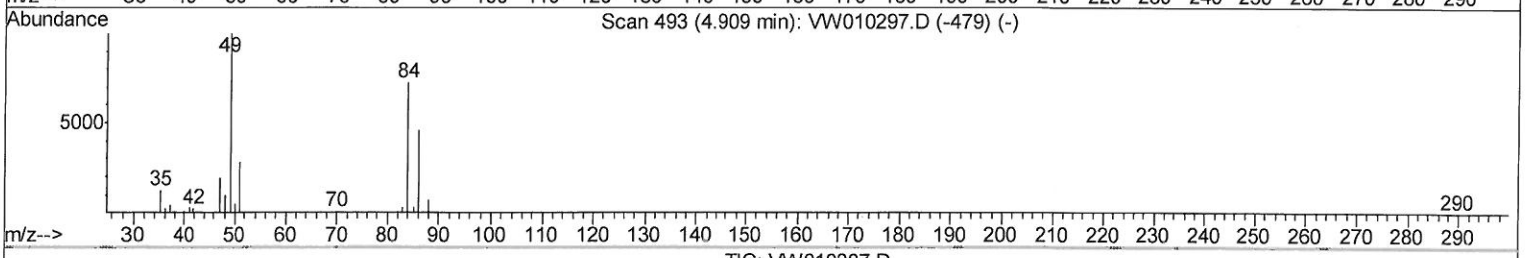
Quant Time: May 08 06:53:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050719S.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 04:42:42 2019
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK

**Manual Integrations APPROVED**
MMDadoda
5/10/2019 6:02:50 PM




TIC: VW010307.D

(16) Methylene chloride (T)

4.915min (+0.000) 1.08ug/L

response 5775

| Ion | Exp% | Act% |
|---|---|---|
| 84.00 | 100 | 100 |
| 49.00 | 134.90 | 122.19 |
| 86.00 | 62.60 | 53.13 |
| 0.00 | 0.00 | 0.00 |

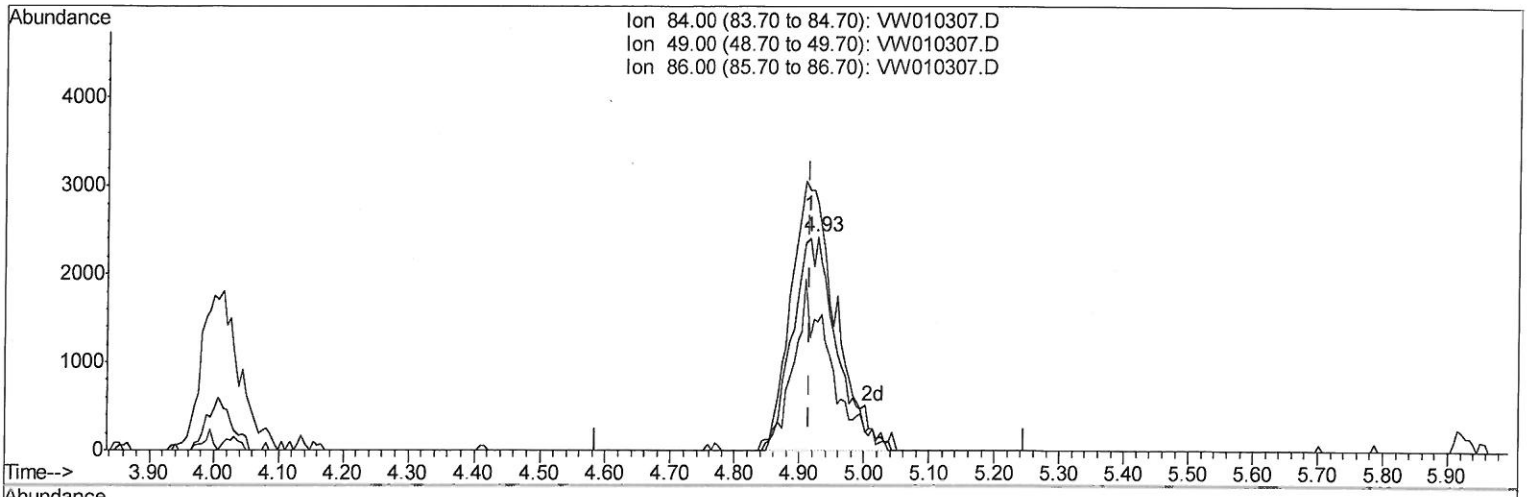
Quantitation Report (Qedit)

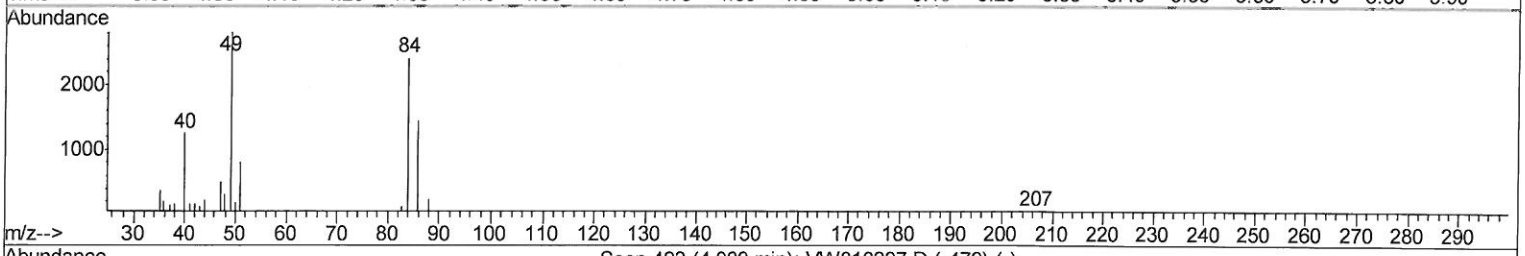
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050719\
Data File : VW010307.D
Acq On : 07 May 2019 19:27
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

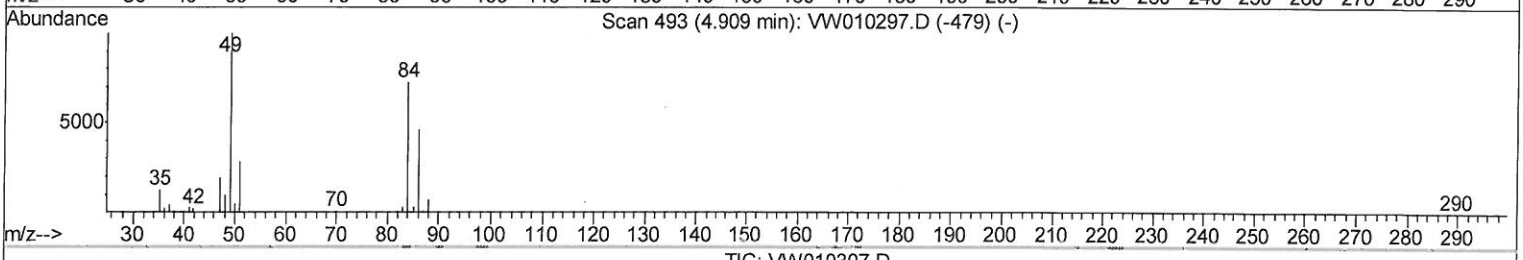
Quant Time: May 08 06:53:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050719S.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 04:42:42 2019
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
VIBLK

**Manual Integrations APPROVED**
MMDadoda
5/10/2019 6:02:50 PM




TIC: VW010307.D

(16) Methylene chloride (T)

4.928min (+0.012) 2.15ug/L m 05/09/19 SY

response 11479

| Ion | Exp% | Act% |
|---|---|---|
| 84.00 | 100 | 100 |
| 49.00 | 134.90 | 116.23 |
| 86.00 | 62.60 | 60.35 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050719\

Quantitation Report (QT/LSC Reviewed)

Data File : VW010307.D
Acq On : 07 May 2019 19:27
Operator : SY/VA
Sample : VIBLK
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :** MSVOA_W
**ClientSampleId :** VIBLK

**Manual Integrations APPROVED**
MMDadoda
5/10/2019 6:02:50 PM

Quant Time: May 08 06:55:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050719S.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 04:42:42 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.84 | 114 | 394621 | 25.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 376802 | 25.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152 | 207733 | 25.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 2.36 | 65 | 140763 | 30.64 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 122.56% | | | |
| 7) Chloroethane-d5 | 2.89 | 69 | 104492 | 27.18 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 108.72% | | | |
| 10) 1,1-Dichloroethene-d2 | 4.01 | 63 | 258822 | 22.61 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 90.44% | | | |
| 20) 2-Butanone-d5 | 7.07 | 46 | 204575 | 96.10 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 192.20%# | | | |
| 24) Chloroform-d | 7.64 | 84 | 317742 | 30.23 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 120.92% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.30 | 65 | 157052 | 25.24 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 100.96% | | | |
| 29) Benzene-d6 | 8.27 | 84 | 497529 | 24.31 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 97.24% | | | |
| 33) 1,2-Dichloropropane-d6 | 9.27 | 67 | 137044 | 21.90 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 87.60% | | | |
| 37) Toluene-d8 | 10.32 | 98 | 434811 | 23.83 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 95.32% | | | |
| 38) trans-1,3-Dichloropropene- | 10.58 | 79 | 68212 | 23.85 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 95.40% | | | |
| 39) 2-Hexanone-d5 | 10.93 | 63 | 110336 | 69.01 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 138.02%# | | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69 | 84 | 213709 | 35.92 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 143.68%# | | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.86 | 152 | 193664 | 27.32 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 109.28% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 16) Methylene chloride | 4.93 | 84 | 11479m | 2.149 | ug/L | |

5/09/19 SY

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