Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050119\

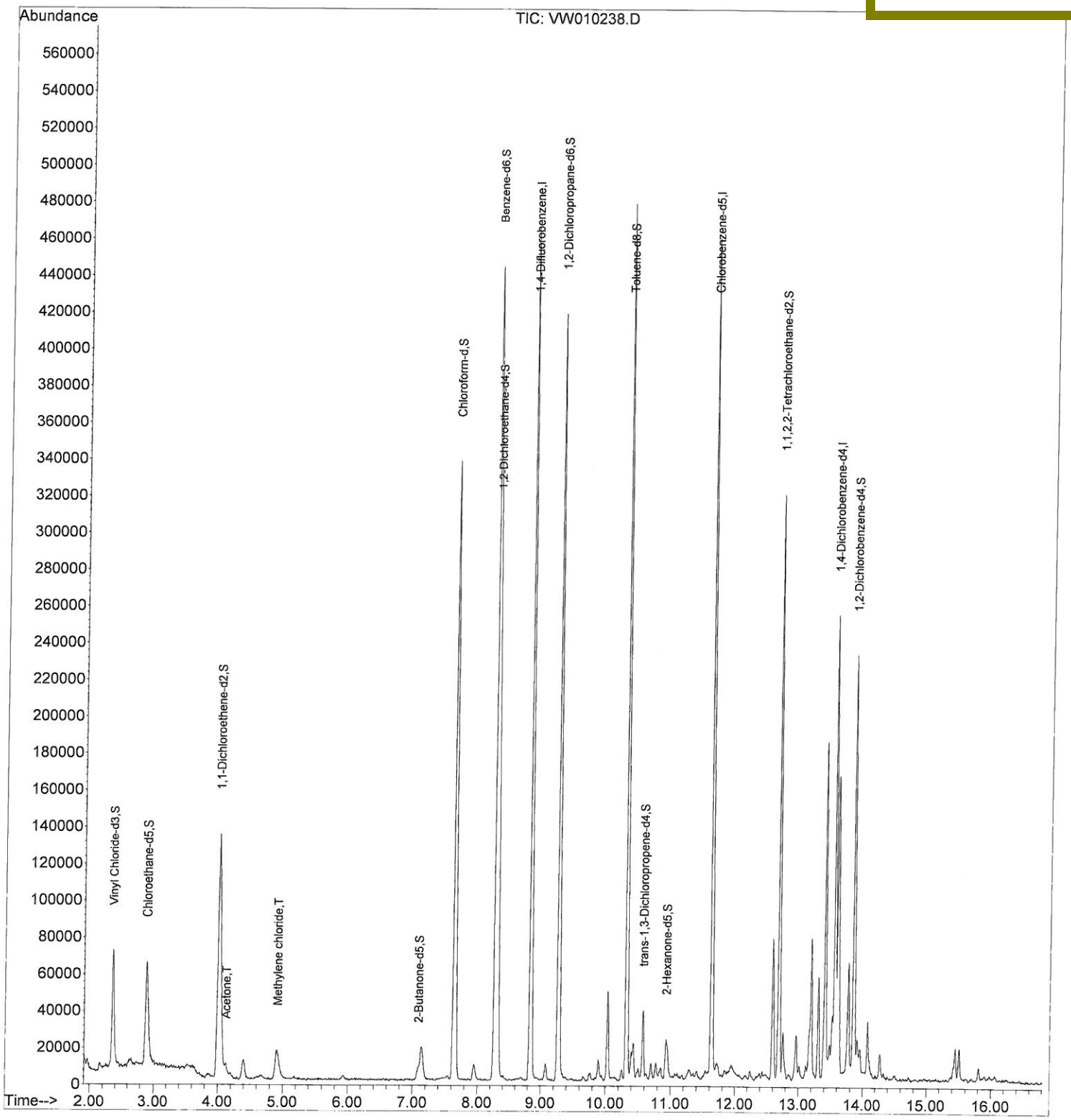
Quantitation Report (LSC Reviewed)

Data File : VW010238.D
Acq On : 01 May 2019 05:12
Operator : SY/VA
Sample : K2602-16
Misc : 3.96G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 01 08:16:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 03:52:51 2019
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
BFHK9

**Manual Integrations APPROVED**
MMDadoda
5/4/2019 7:17:02 AM



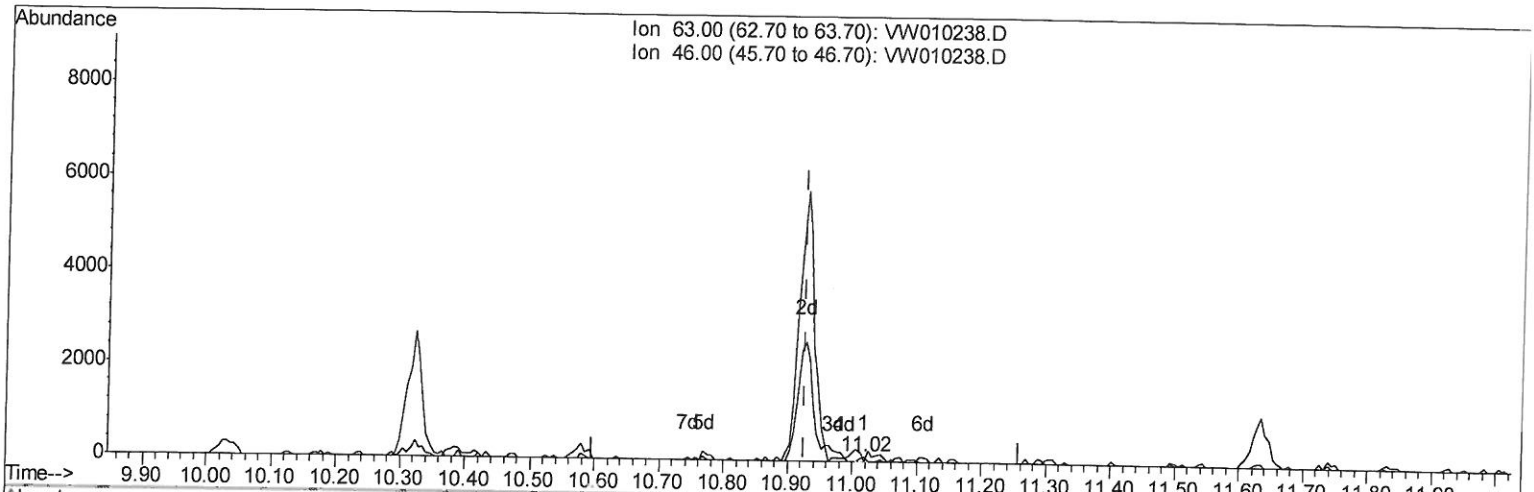
Quantitation Report (Qedit)

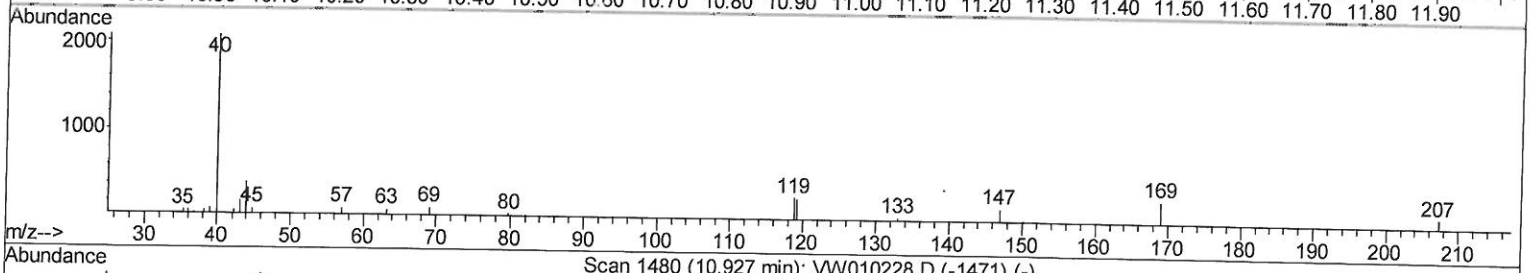
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050119\
Data File : VW010238.D
Acq On : 01 May 2019 05:12
Operator : SY/VA
Sample : K2602-16
Misc : 3.96G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

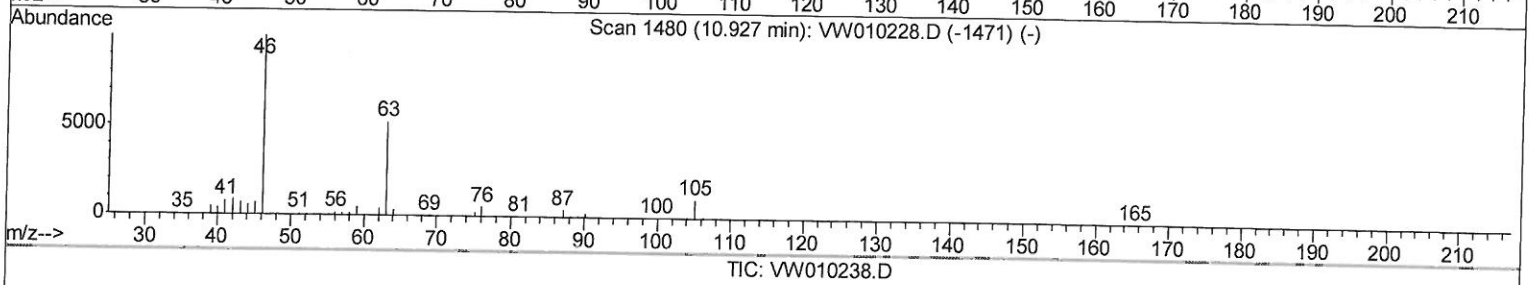
Quant Time: May 01 07:38:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 03:52:51 2019
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
BFHK9

**Manual Integrations APPROVED**
MMDadoda
5/4/2019 7:17:02 AM




TIC: VW010238.D

(39) 2-Hexanone-d5 (S)

11.018min (+0.091) 0.08ug/L

response 68

| Ion | Exp% | Act% |
|---|---|---|
| 63.00 | 100 | 100 |
| 46.00 | 176.70 | 188.24 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW050119\
Data File : VW010238.D
Acq On : 01 May 2019 05:12
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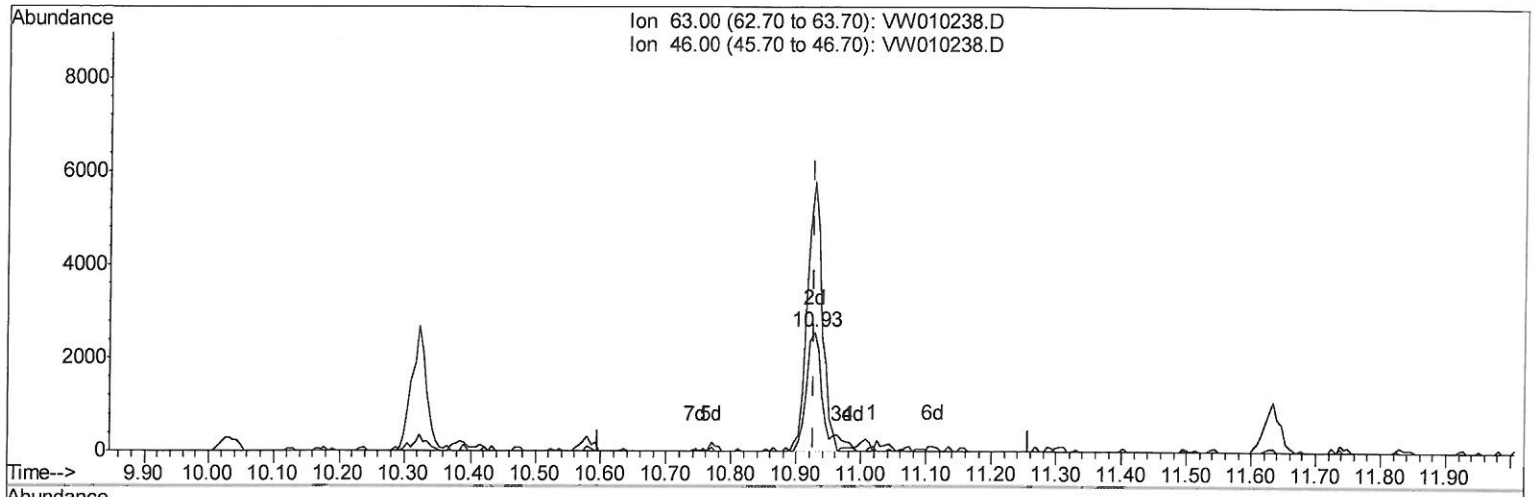
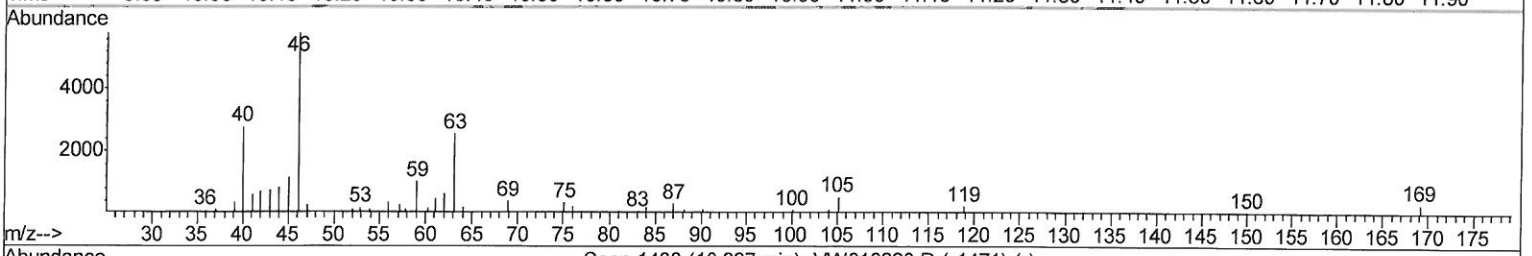
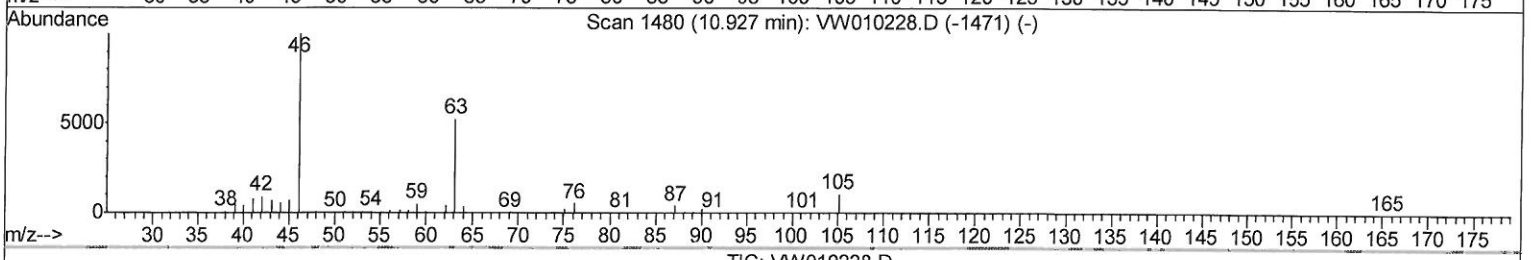
Quant Title : VOC Analysis
QLast Update : Wed May 01 03:52:51 2019
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
BFHK9

**Manual Integrations APPROVED**
MMDadoda
5/4/2019 7:17:02 AM




TIC: VW010238.D

(39) 2-Hexanone-d5 (S)

10.927min (-0.000) 4.85ug/L m > 05/05/19 SY

response 4206

| Ion | Exp% | Act% |
|---|---|---|
| 63.00 | 100 | 100 |
| 46.00 | 176.70 | 3.04# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050119\

Quantitation Report (LSC Reviewed)

Data File : VW010238.D
Acq On : 01 May 2019 05:12
Operator : SY/VA
Sample : K2602-16
Misc : 3.96G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 01 08:16:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 03:52:51 2019
Response via : Initial Calibration

**Instrument :** MSVOA_W
**ClientSampleId :** BFHK9

**Manual Integrations APPROVED**
MMDadoda
5/4/2019 7:17:02 AM

| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 8.84 | 114 | 366915 | 25.00 ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.63 | 117 | 245439 | 25.00 ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152 | 57454 | 25.00 ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | |
| 4) Vinyl Chloride-d3 | 2.36 | 65 | 89607 | 21.52 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 86.08% | | |
| 7) Chloroethane-d5 | 2.89 | 69 | 84970 | 24.90 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 99.60% | | |
| 10) 1,1-Dichloroethene-d2 | 4.01 | 63 | 164108 | 17.73 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 70.92% | | |
| 20) 2-Butanone-d5 | 7.09 | 46 | 9159 | 5.97 ug/L | 0.01 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 11.94%# | | |
| 24) Chloroform-d | 7.65 | 84 | 320959 | 33.75 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 135.00% | | |
| 26) 1,2-Dichloroethane-d4 | 8.31 | 65 | 180685 | 33.08 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 132.32%# | | |
| 29) Benzene-d6 | 8.27 | 84 | 440475 | 33.33 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 133.32% | | |
| 33) 1,2-Dichloropropane-d6 | 9.27 | 67 | 178959 | 43.35 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 173.40%# | | |
| 37) Toluene-d8 | 10.32 | 98 | 301716 | 25.10 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 100.40% | | |
| 38) trans-1,3-Dichloropropene- | 10.58 | 79 | 19185 | 10.08 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 40.32% | | |
| 39) 2-Hexanone-d5 | 10.93 | 63 | 4206m | 4.85 ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 9.70%# | | |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69 | 84 | 148783 | 42.19 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 168.76%# | | |
| 61) 1,2-Dichlorobenzene-d4 | 13.86 | 152 | 58428 | 27.38 ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 109.52% | | |
| **Target Compounds** | | | | | Qvalue |
| 13) Acetone | 4.12 | 43 | 8118 | 6.691 ug/L | 89 |
| 16) Methylene chloride | 4.91 | 84 | 15442 | 2.529 ug/L | 97 |

5/06/19 SY

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