

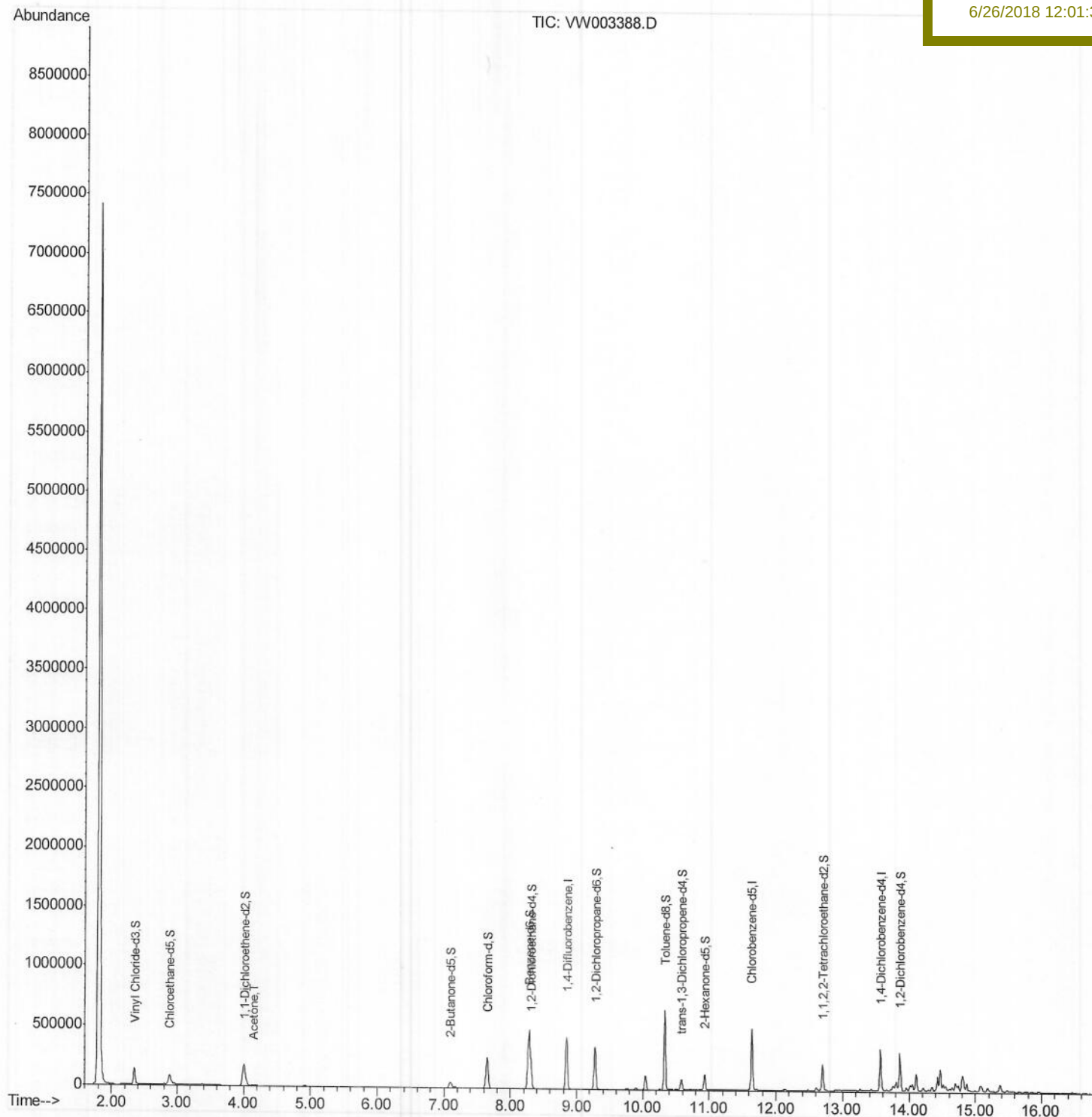
Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW062118\  
Data File : VW003388.D  
Acq On : 21 Jun 2018 15:28  
Operator : SY/AP  
Sample : J3569-19RE  
Misc : 4.76G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 22 06:43:22 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM062018S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Jun 22 04:53:24 2018  
Response via : Initial Calibration

Instrument :  
MSVOA\_W  
Client Sampled :  
DAXT2RE

Manual Integrations  
APPROVED

MMDadoda  
6/26/2018 12:01:33 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW062118\

Data File : VW003388.D

Acq On : 21 Jun 2018 15:28

Operator : SY/AP

Sample : J3569-19RE

Misc : 4.76G/10ML/MSVOA\_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 22 04:56:04 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM062018S.M

Quant Title : VOC Analysis

QLast Update : Fri Jun 22 04:53:24 2018

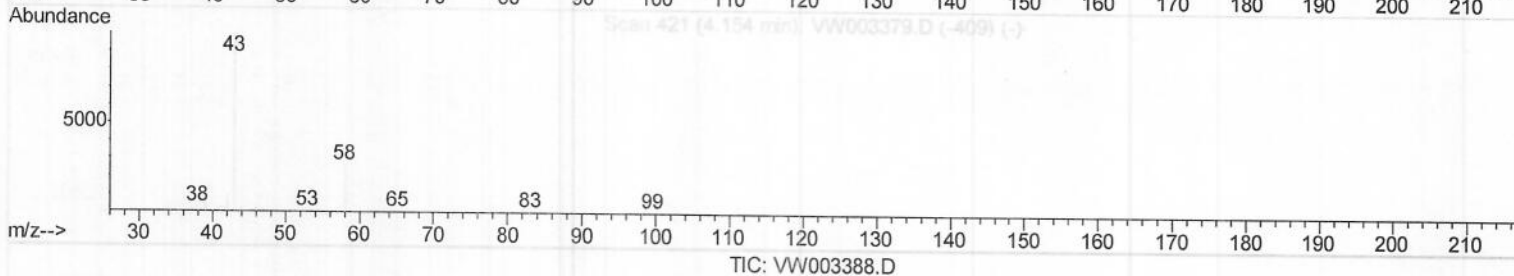
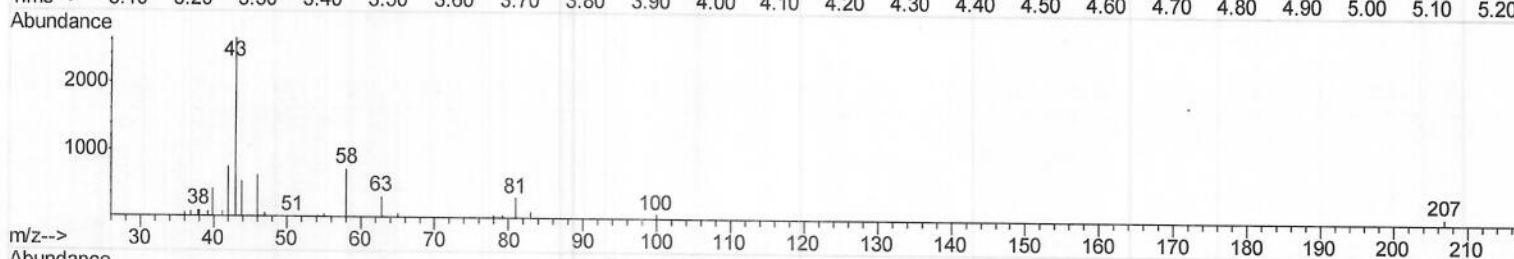
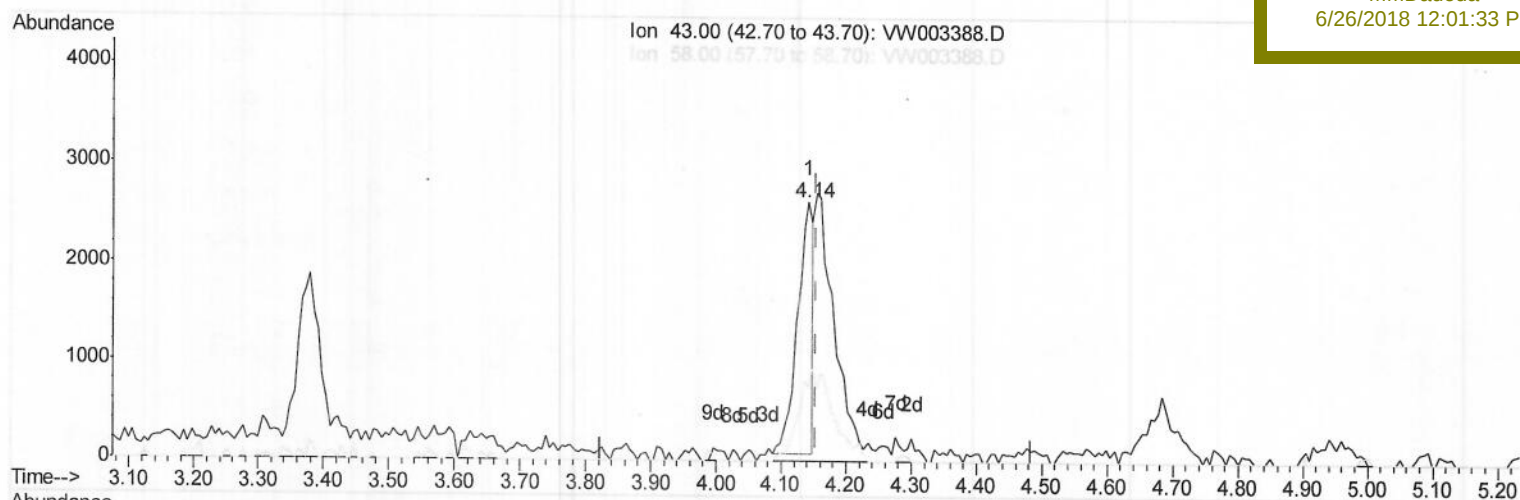
Response via : Initial Calibration

Instrument :

MSVOA\_W

ClientSampleId :

DAXT2RE

Manual Integrations  
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(13) Acetone (T)

4.142min (-0.012) 2.74ug/L

response 4318

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 43.00 | 100   | 100   |
| 58.00 | 29.30 | 38.72 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

# Quantitation Report (Qedit)

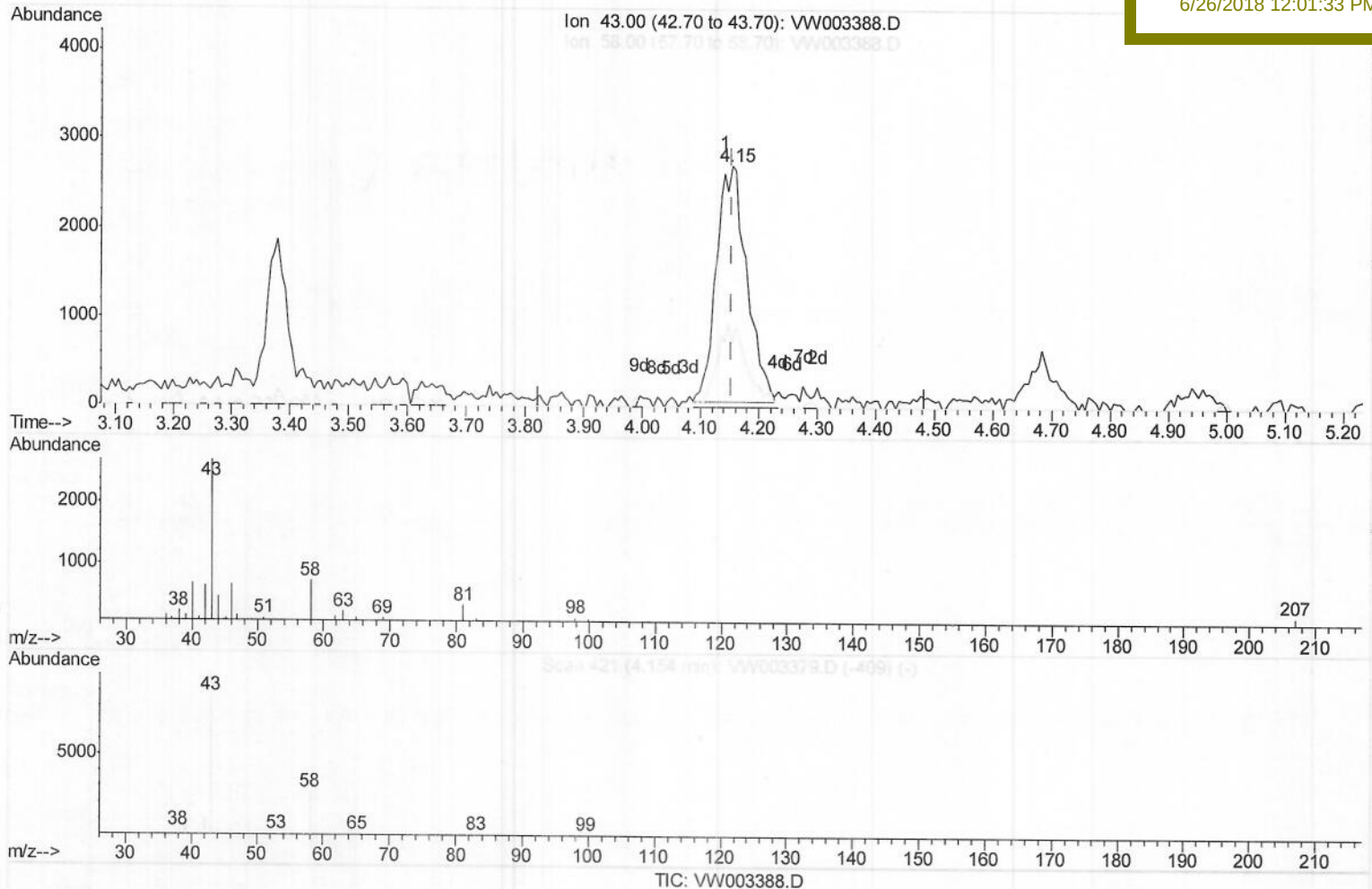
Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW062118\  
 Data File : VW003388.D  
 Acq On : 21 Jun 2018 15:28  
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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 Client Sampled :  
 DAXT2RE

Quant Time: Jun 22 04:56:04 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM062018S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jun 22 04:53:24 2018  
 Response via : Initial Calibration

Manual Integrations  
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(13) Acetone (T)

4.154min (+0.000) 6.15ug/L m

response 9686

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 43.00 | 100   | 100   |
| 58.00 | 29.30 | 17.26 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

MD  
 06/30/18

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW062118\  
 Data File : VW003388.D  
 Acq On : 21 Jun 2018 15:28  
 Operator : SY/AP  
 Sample : J3569-19RE  
 Misc : 4.76G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 Client Sampled :  
 DAXT2RE

Quant Time: Jun 22 06:43:22 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM062018S.M  
 Quant Title : VOC Analysis  
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Manual Integrations  
 APPROVED

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 6/26/2018 12:01:33 PM

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 345598   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 265269   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 84640    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |                |     |          |       |          |      |
|--------------------------------|----------------|-----|----------|-------|----------|------|
| 4) Vinyl Chloride-d3           | 2.35           | 65  | 146043   | 31.16 | ug/L     | 0.00 |
| Spiked Amount 25.000           | Range 30 - 150 |     | Recovery | =     | 124.64%  |      |
| 7) Chloroethane-d5             | 2.89           | 69  | 104524   | 26.73 | ug/L     | 0.00 |
| Spiked Amount 25.000           | Range 30 - 150 |     | Recovery | =     | 106.92%  |      |
| 10) 1,1-Dichloroethene-d2      | 4.01           | 63  | 204313   | 21.95 | ug/L     | 0.00 |
| Spiked Amount 25.000           | Range 45 - 110 |     | Recovery | =     | 87.80%   |      |
| 20) 2-Butanone-d5              | 7.09           | 46  | 77555    | 52.51 | ug/L     | 0.00 |
| Spiked Amount 50.000           | Range 20 - 135 |     | Recovery | =     | 105.02%  |      |
| 24) Chloroform-d               | 7.65           | 84  | 257874   | 28.37 | ug/L     | 0.00 |
| Spiked Amount 25.000           | Range 40 - 150 |     | Recovery | =     | 113.48%  |      |
| 26) 1,2-Dichloroethane-d4      | 8.31           | 65  | 159760   | 29.57 | ug/L     | 0.00 |
| Spiked Amount 25.000           | Range 70 - 130 |     | Recovery | =     | 118.28%  |      |
| 29) Benzene-d6                 | 8.28           | 84  | 492793   | 35.01 | ug/L     | 0.00 |
| Spiked Amount 25.000           | Range 20 - 135 |     | Recovery | =     | 140.04%# |      |
| 33) 1,2-Dichloropropane-d6     | 9.28           | 67  | 158771   | 35.64 | ug/L     | 0.00 |
| Spiked Amount 25.000           | Range 70 - 120 |     | Recovery | =     | 142.56%# |      |
| 37) Toluene-d8                 | 10.33          | 98  | 418414   | 31.09 | ug/L     | 0.00 |
| Spiked Amount 25.000           | Range 30 - 130 |     | Recovery | =     | 124.36%  |      |
| 38) trans-1,3-Dichloropropene- | 10.59          | 79  | 45929    | 21.96 | ug/L     | 0.00 |
| Spiked Amount 25.000           | Range 30 - 135 |     | Recovery | =     | 87.84%   |      |
| 39) 2-Hexanone-d5              | 10.93          | 63  | 40293    | 44.25 | ug/L     | 0.00 |
| Spiked Amount 50.000           | Range 20 - 135 |     | Recovery | =     | 88.50%   |      |
| 48) 1,1,2,2-Tetrachloroethane- | 12.70          | 84  | 102912   | 24.83 | ug/L     | 0.00 |
| Spiked Amount 25.000           | Range 45 - 120 |     | Recovery | =     | 99.32%   |      |
| 61) 1,2-Dichlorobenzene-d4     | 13.86          | 152 | 81563    | 25.51 | ug/L     | 0.00 |
| Spiked Amount 25.000           | Range 75 - 120 |     | Recovery | =     | 102.04%  |      |

| Target Compounds | R.T. | QIon | Response | Conc  | Units | Qvalue |
|------------------|------|------|----------|-------|-------|--------|
| 13) Acetone      | 4.15 | 43   | 9686m    | 6.153 | ug/L  |        |

) MD  
 06/30/18

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