

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV112919\  
Quantitation Report (QT Reviewed)

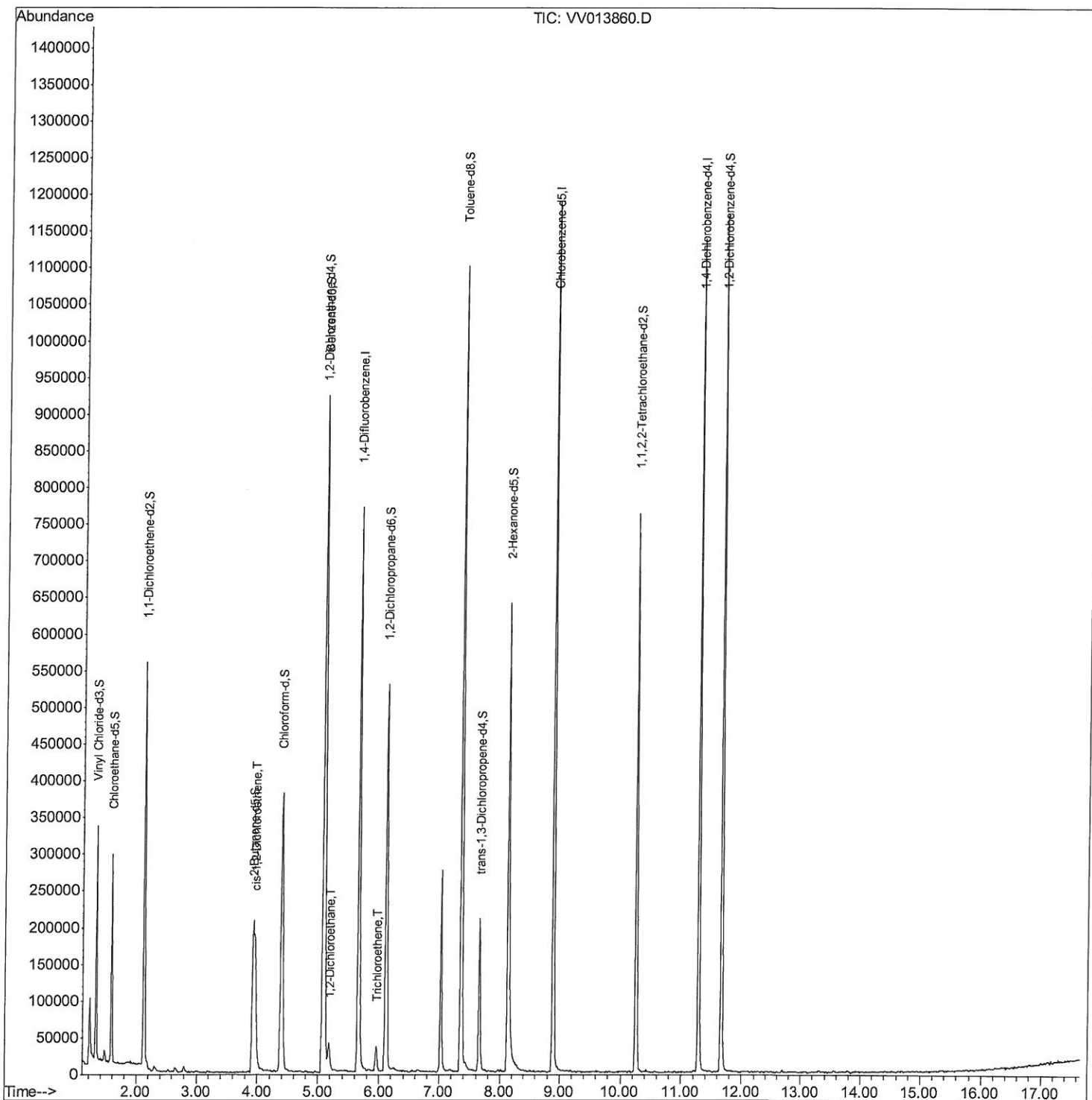
Data File : VV013860.D  
Acq On : 29 Nov 2019 19:40  
Operator : SY/MD  
Sample : K6028-05  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
H0AA2

Manual Integrations  
APPROVED

apatel  
12/2/2019 12:35:34 PM

Quant Time: Nov 30 00:25:01 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM110619WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Nov 29 22:33:56 2019  
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV112919\  
Quantitation Report (Qedit)

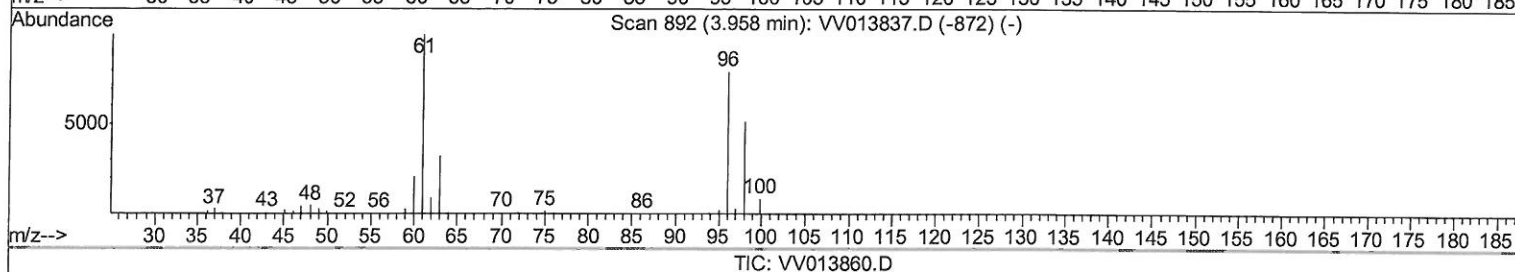
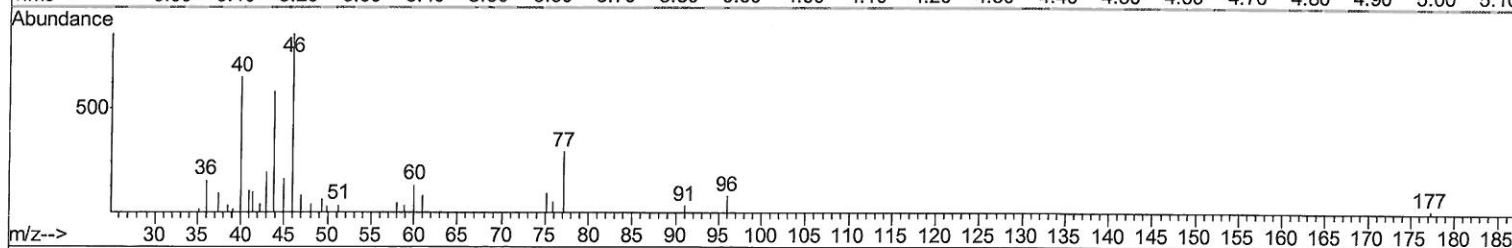
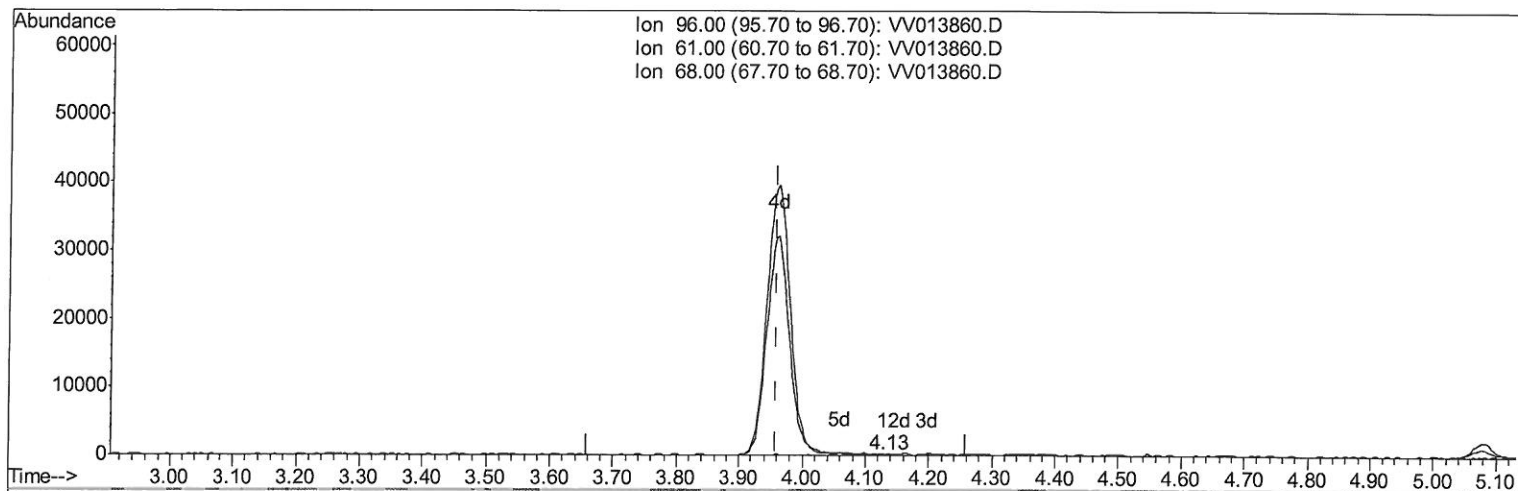
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Manual Integrations  
APPROVED

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12/2/2019 12:35:34 PM

Quant Time: Nov 29 22:39:42 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM110619WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Nov 29 22:33:56 2019  
Response via : Initial Calibration



(20) cis-1,2-Dichloroethene (T)

4.129min (+0.170) 0.02ug/L

response 112

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100    | 100    |
| 61.00 | 131.60 | 101.20 |
| 68.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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Quantitation Report (Qedit)

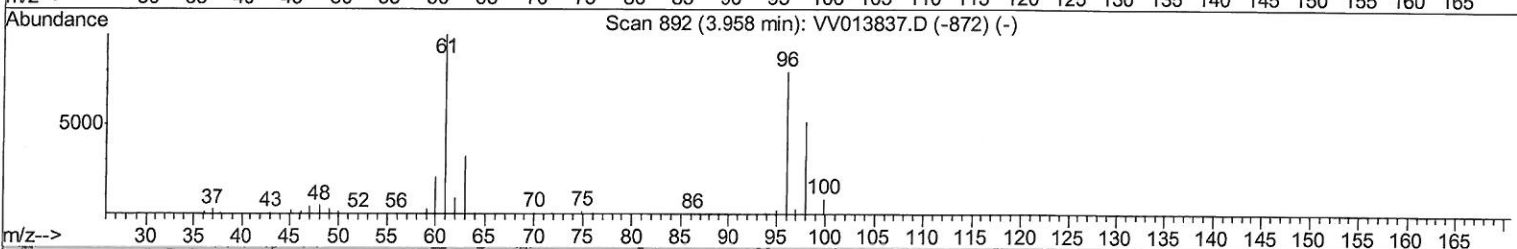
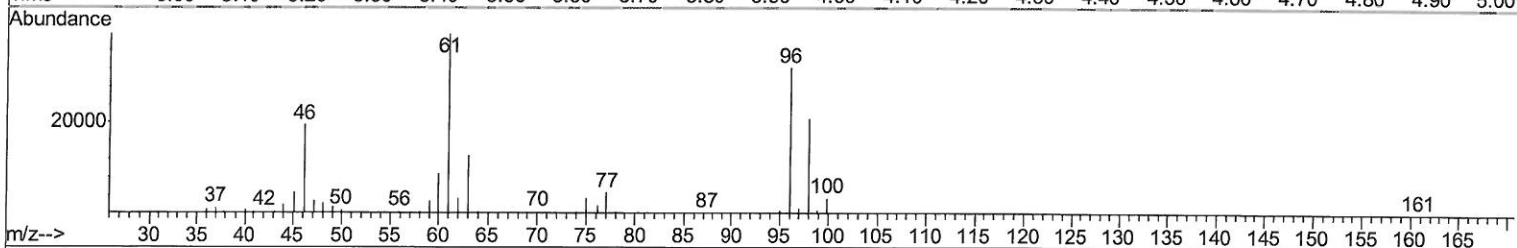
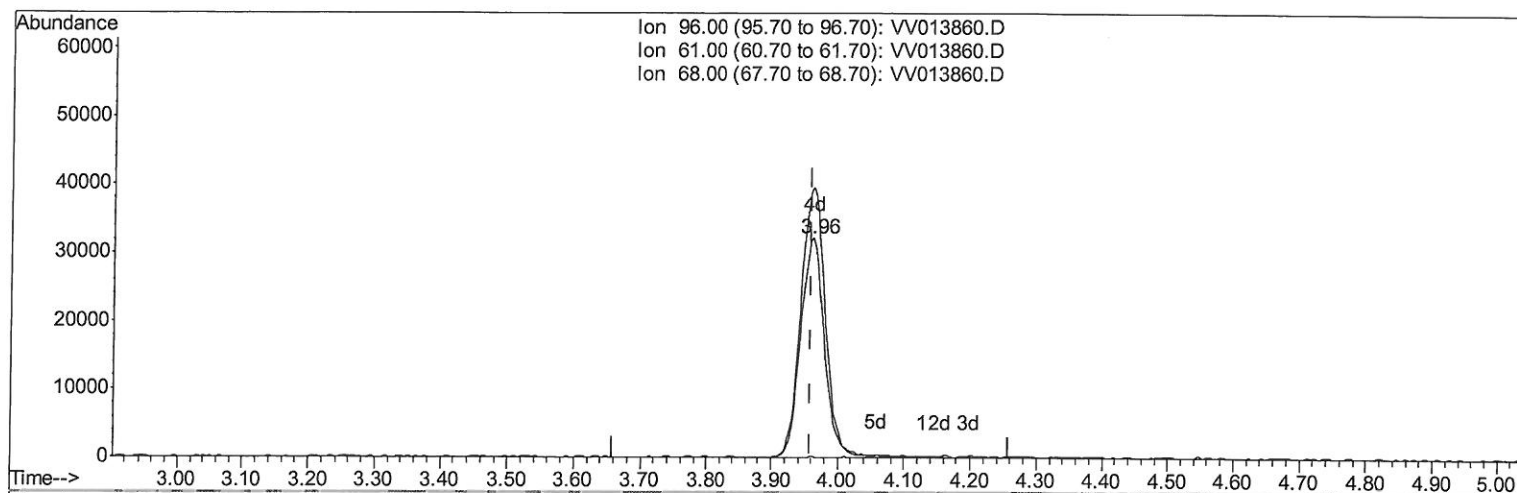
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Operator : SY/MD  
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Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampled :  
H0AA2

Manual Integrations  
APPROVED

apatel  
12/2/2019 12:35:34 PM

Quant Time: Nov 29 22:39:42 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM110619WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Nov 29 22:33:56 2019  
Response via : Initial Calibration



TIC: VV013860.D

(20) cis-1,2-Dichloroethene (T)

3.962min (+0.003) 16.70ug/L m

response 79747

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100    | 100    |
| 61.00 | 131.60 | 123.01 |
| 68.00 | 0.00   | 0.39#  |
| 0.00  | 0.00   | 0.00   |

7 MD  
12/04/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV112919\  
Quantitation Report (QT Reviewed)

Data File : VV013860.D  
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Operator : SY/MD  
Sample : K6028-05  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
H0AA2

Manual Integrations  
APPROVED

apatel  
12/2/2019 12:35:34 PM

Quant Time: Nov 30 00:25:01 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM110619WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Nov 29 22:33:56 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 666190   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 659290   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 311442   | 50.00 | ug/L  | 0.00     |

System Monitoring Compounds

|                                |         |                |          |        |         |      |
|--------------------------------|---------|----------------|----------|--------|---------|------|
| 4) Vinyl Chloride-d3           | 1.32    | 65             | 187354   | 48.03  | ug/L    | 0.00 |
| Spiked Amount                  | 50.000  | Range 60 - 135 | Recovery | =      | 96.06%  |      |
| 7) Chloroethane-d5             | 1.58    | 69             | 172858   | 54.43  | ug/L    | 0.00 |
| Spiked Amount                  | 50.000  | Range 70 - 130 | Recovery | =      | 108.86% |      |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63             | 271069   | 39.73  | ug/L    | 0.00 |
| Spiked Amount                  | 50.000  | Range 60 - 125 | Recovery | =      | 79.46%  |      |
| 21) 2-Butanone-d5              | 3.92    | 46             | 309414   | 107.27 | ug/L    | 0.00 |
| Spiked Amount                  | 100.000 | Range 40 - 130 | Recovery | =      | 107.27% |      |
| 24) Chloroform-d               | 4.40    | 84             | 387387   | 45.74  | ug/L    | 0.00 |
| Spiked Amount                  | 50.000  | Range 70 - 125 | Recovery | =      | 91.48%  |      |
| 26) 1,2-Dichloroethane-d4      | 5.08    | 65             | 259479   | 46.95  | ug/L    | 0.00 |
| Spiked Amount                  | 50.000  | Range 70 - 125 | Recovery | =      | 93.90%  |      |
| 32) Benzene-d6                 | 5.10    | 84             | 809585   | 46.04  | ug/L    | 0.00 |
| Spiked Amount                  | 50.000  | Range 70 - 125 | Recovery | =      | 92.08%  |      |
| 36) 1,2-Dichloropropane-d6     | 6.11    | 67             | 251700   | 44.13  | ug/L    | 0.00 |
| Spiked Amount                  | 50.000  | Range 70 - 120 | Recovery | =      | 88.26%  |      |
| 41) Toluene-d8                 | 7.36    | 98             | 736539   | 45.52  | ug/L    | 0.00 |
| Spiked Amount                  | 50.000  | Range 80 - 120 | Recovery | =      | 91.04%  |      |
| 43) trans-1,3-Dichloropropene- | 7.66    | 79             | 114142   | 43.55  | ug/L    | 0.00 |
| Spiked Amount                  | 50.000  | Range 60 - 125 | Recovery | =      | 87.10%  |      |
| 47) 2-Hexanone-d5              | 8.13    | 63             | 228680   | 110.51 | ug/L    | 0.00 |
| Spiked Amount                  | 100.000 | Range 45 - 130 | Recovery | =      | 110.51% |      |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25   | 84             | 348733   | 48.66  | ug/L    | 0.00 |
| Spiked Amount                  | 50.000  | Range 65 - 120 | Recovery | =      | 97.32%  |      |
| 64) 1,2-Dichlorobenzene-d4     | 11.67   | 152            | 322966   | 52.02  | ug/L    | 0.00 |
| Spiked Amount                  | 50.000  | Range 80 - 120 | Recovery | =      | 104.04% |      |

Target Compounds

|                            |      |    |        |        |      |        |
|----------------------------|------|----|--------|--------|------|--------|
| 20) cis-1,2-Dichloroethene | 3.96 | 96 | 79747m | 16.702 | ug/L | Qvalue |
| 27) 1,2-Dichloroethane     | 5.18 | 62 | 31607  | 4.807  | ug/L | 100    |
| 34) Trichloroethene        | 5.96 | 95 | 8167   | 1.642  | ug/L | 92     |

> MD  
12/04/19

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