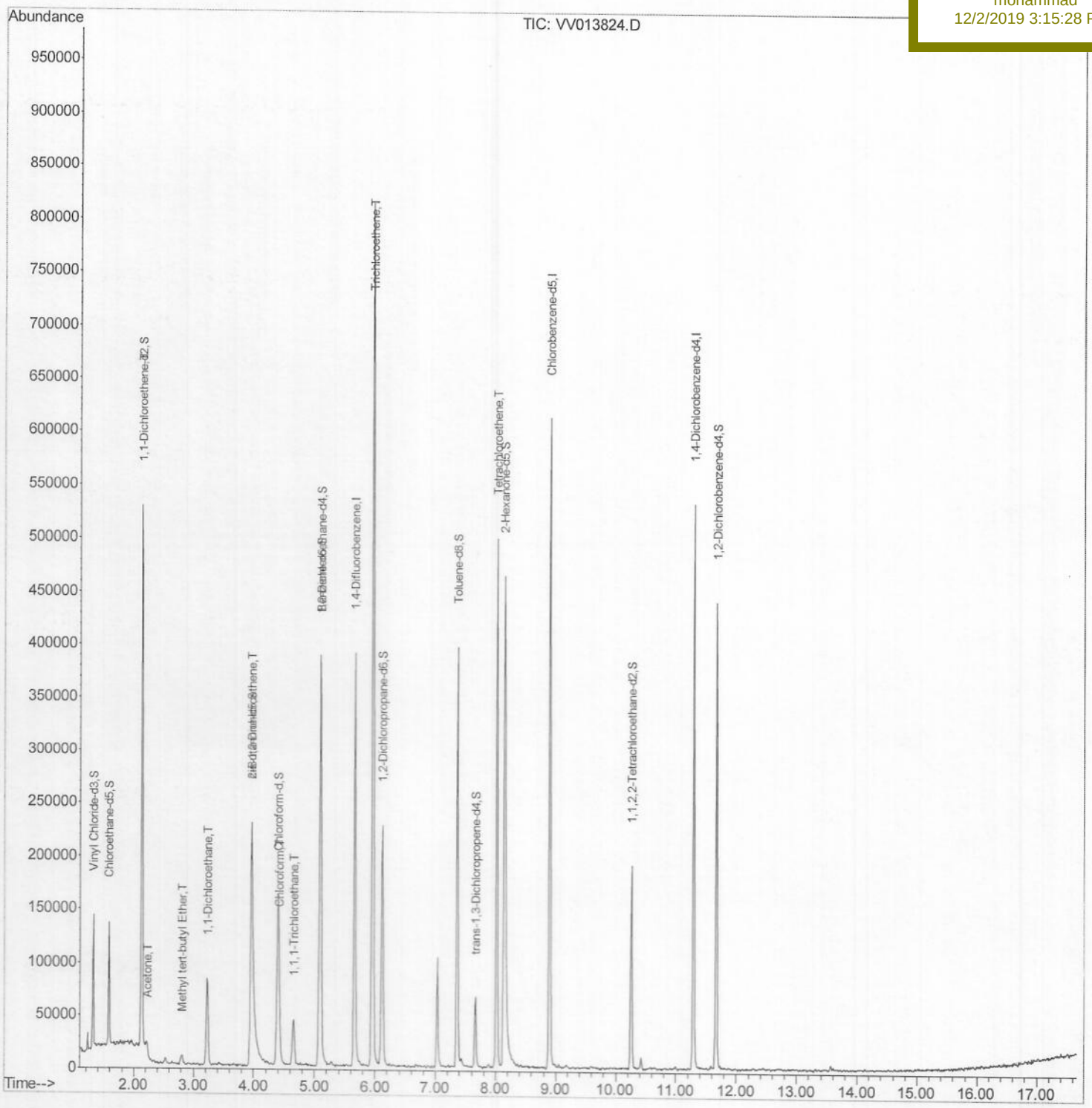
Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112719\
Data File : VV013824.D
Acq On : 27 Nov 2019 15:13
Operator : SY/MD
Sample : K6056-05DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 02 02:51:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 28 02:51:59 2019
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
BFE12DL

**Manual Integrations APPROVED**
mohammad
12/2/2019 3:15:28 PM



Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112719\
Data File : VV013824.D
Acq On : 27 Nov 2019 15:13
Operator : SY/MD
Sample : K6056-05DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 28 02:57:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 28 02:51:59 2019
Response via : Initial Calibration

**Instrument :**
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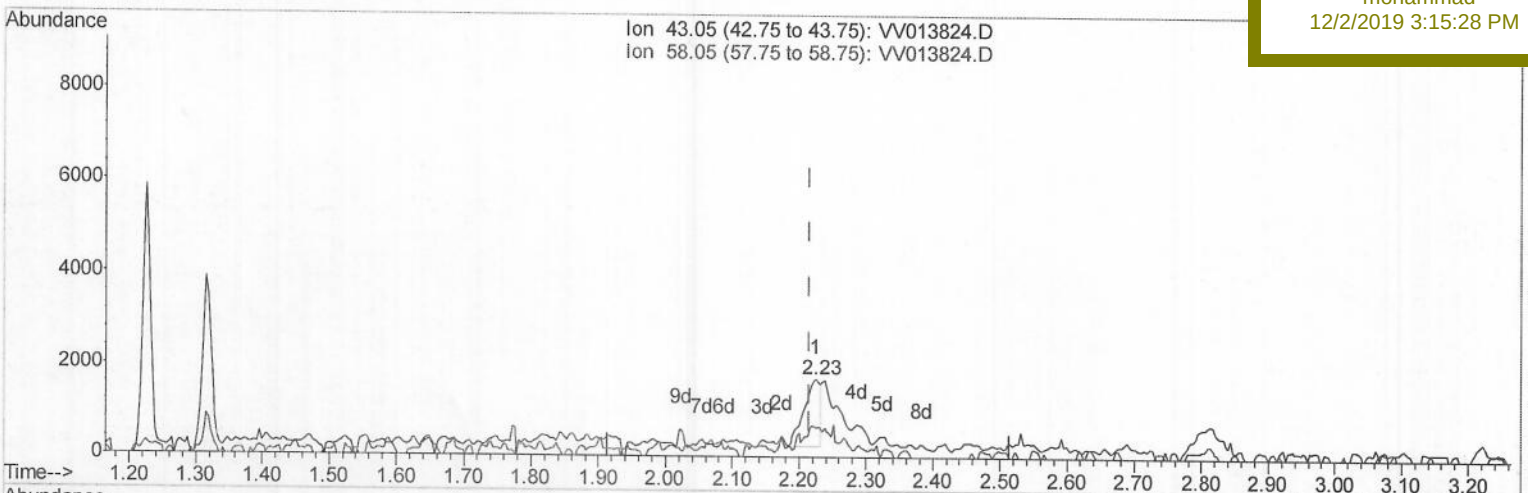
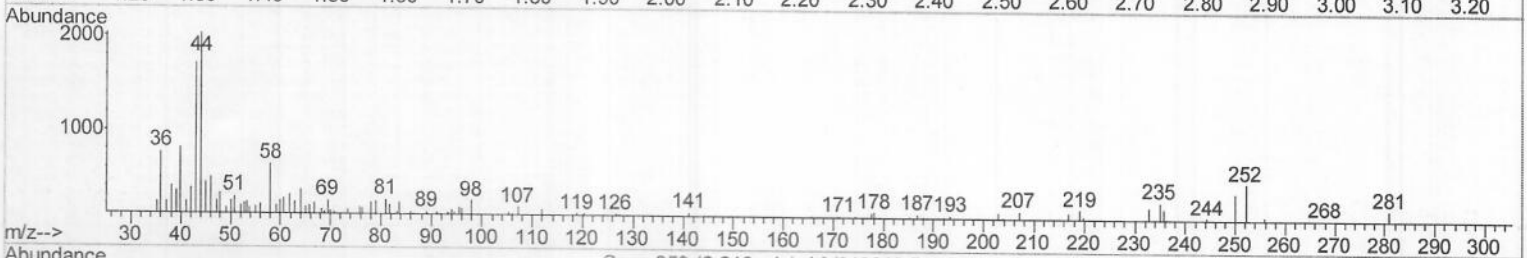
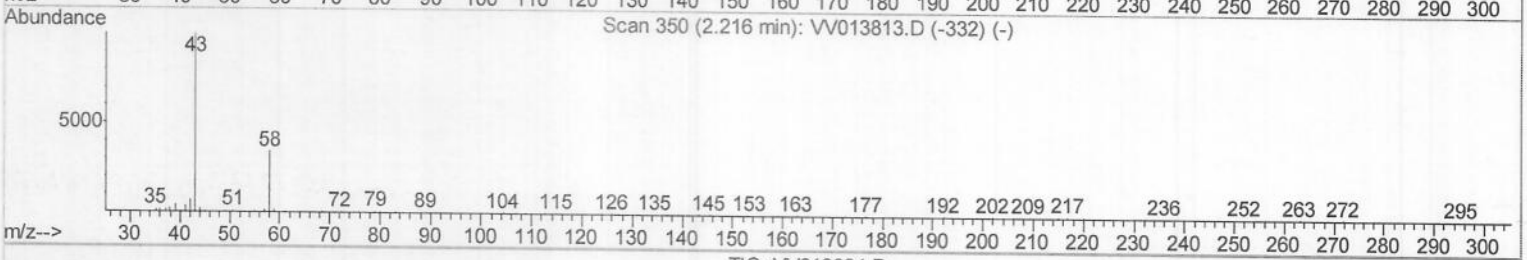
**Manual Integrations APPROVED**
mohammad
12/2/2019 3:15:28 PM




TIC: VV013824.D

(13) Acetone (T)

2.225min (+0.010) 0.81ug/L

response 2484

| Ion | Exp% | Act% |
|---|---|---|
| 43.05 | 100 | 100 |
| 58.05 | 13.60 | 71.98# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

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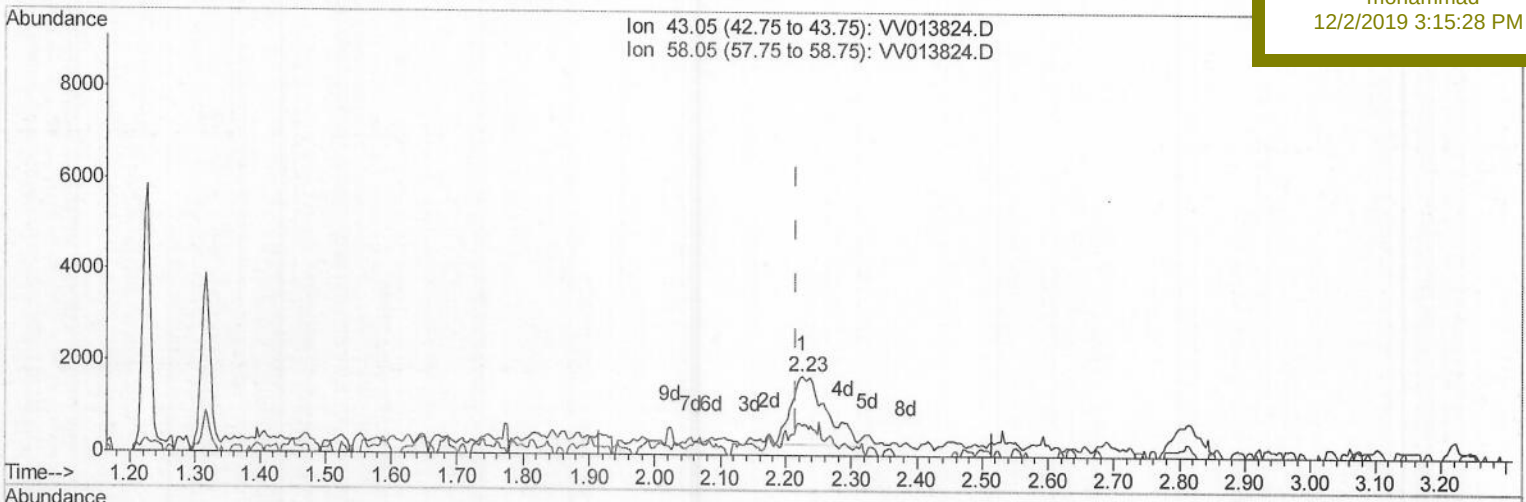
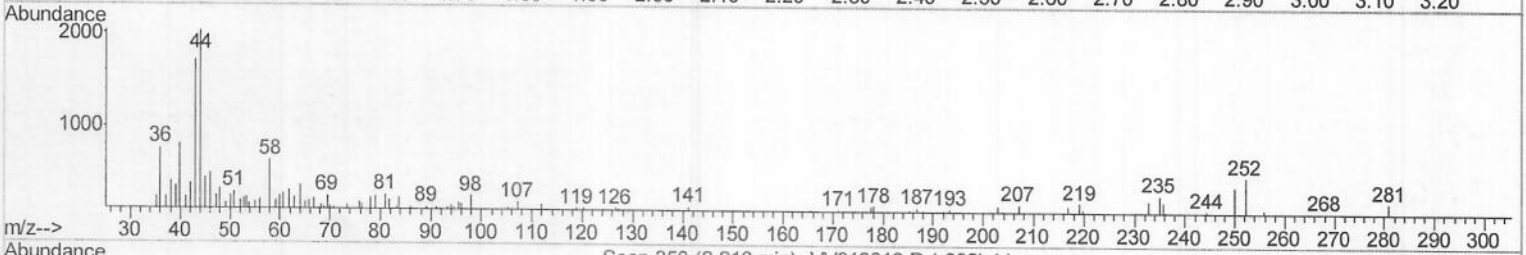
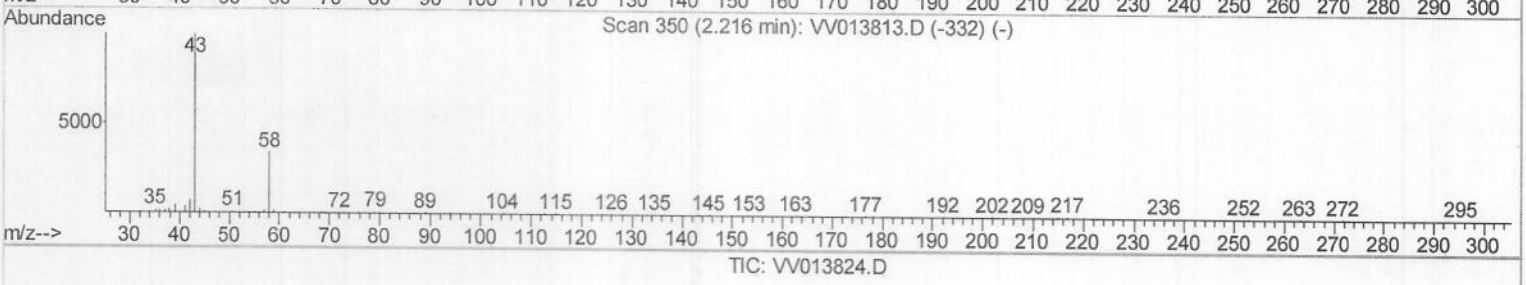
**Instrument :**
MSVOA_V
**ClientSampleId :**
BFE12DL

**Manual Integrations APPROVED**
mohammad
12/2/2019 3:15:28 PM




TIC: VV013824.D

(13) Acetone (T)

2.225min (+0.010) 1.81ug/L m

response 5564

> MD 12/09/19

| Ion | Exp% | Act% |
|---|---|---|
| 43.05 | 100 | 100 |
| 58.05 | 13.60 | 32.14# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112719\
Data File : VV013824.D
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QLast Update : Thu Nov 28 02:51:59 2019
Response via : Initial Calibration

**Instrument :** MSVOA_V
**ClientSampleId :** BFE12DL

**Manual Integrations APPROVED**
mohammad
12/2/2019 3:15:28 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 5.66 | 114 | 341436 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.89 | 117 | 342453 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152 | 149421 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.32 | 65 | 69160 | 3.27 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 65.40% | | | |
| 7) Chloroethane-d5 | 1.58 | 69 | 71715 | 4.00 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 80.00% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.13 | 63 | 158713 | 4.46 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 89.20% | | | |
| 20) 2-Butanone-d5 | 3.96 | 46 | 248652 | 56.60 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 113.20% | | | |
| 24) Chloroform-d | 4.40 | 84 | 160387 | 3.76 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 75.20% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.08 | 65 | 95157 | 4.69 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 93.80% | | | |
| 32) Benzene-d6 | 5.10 | 84 | 335171 | 3.79 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 75.80% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.12 | 67 | 107913 | 4.10 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 82.00% | | | |
| 41) Toluene-d8 | 7.36 | 98 | 266299 | 3.21 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 64.20%# | | | |
| 43) trans-1,3-Dichloropropene- | 7.66 | 79 | 38297 | 3.74 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 74.80% | | | |
| 46) 2-Hexanone-d5 | 8.14 | 63 | 184540 | 48.82 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 97.64% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25 | 84 | 89530 | 4.90 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 98.00% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 11.67 | 152 | 124626 | 4.72 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 94.40% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 12) 1,1-Dichloroethene | 2.14 | 96 | 115708 | 7.049 | ug/L # | 81 |
| 13) Acetone | 2.23 | 43 | 5564m | 1.811 | ug/L | |
| 17) Methyl tert-butyl Ether | 2.80 | 73 | 7857 | 0.175 | ug/L # | 89 |
| 19) 1,1-Dichloroethane | 3.23 | 63 | 84341 | 2.279 | ug/L | 98 |
| 22) cis-1,2-Dichloroethene | 3.96 | 96 | 81781 | 3.762 | ug/L | 99 |
| 25) Chloroform | 4.42 | 83 | 29706 | 0.757 | ug/L | 91 |
| 29) 1,1,1-Trichloroethane | 4.65 | 97 | 33534 | 0.957 | ug/L | 97 |
| 34) Trichloroethene | 5.96 | 95 | 280461 | 12.103 | ug/L | 98 |
| 47) Tetrachloroethene | 8.01 | 164 | 120462 | 5.987 | ug/L | 98 |

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

MD 12/09/19