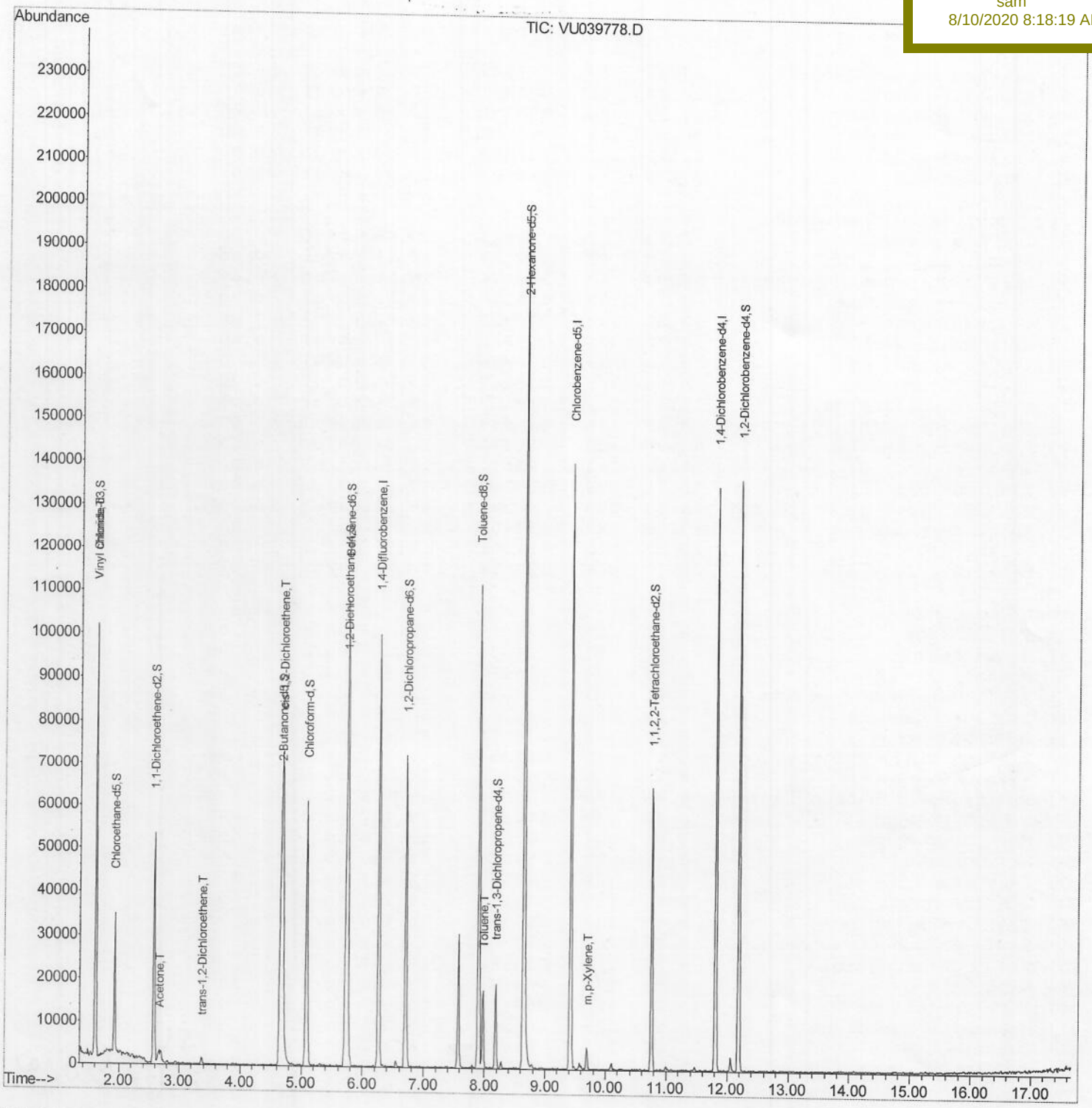
Quantitate . . . . (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080720\
Data File : VU039778.D
Acq On : 07 Aug 2020 11:40
Operator : SY/MD
Sample : L3572-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 08 03:53:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 08 03:30:58 2020
Response via : Initial Calibration

**Instrument :**
MSVOA_U
**ClientSampleId :**
F2L86

**Manual Integrations APPROVED**
sam
8/10/2020 8:18:19 AM



Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080720\
Data File : VU039778.D
Acq On : 07 Aug 2020 11:40
Operator : SY/MD
Sample : L3572-19
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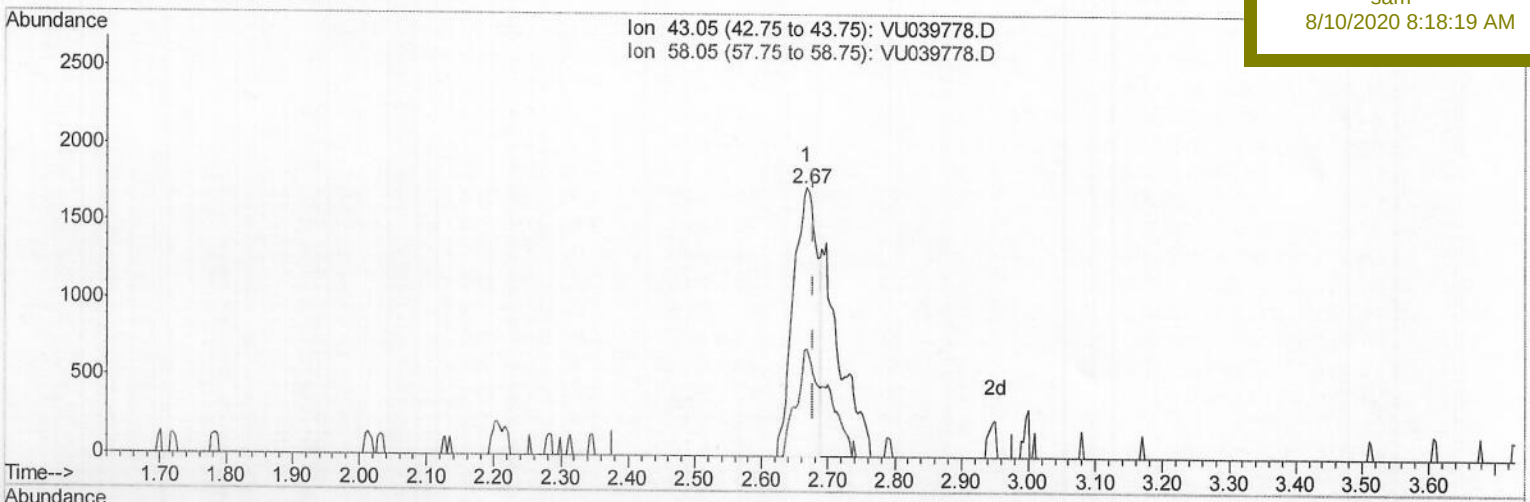
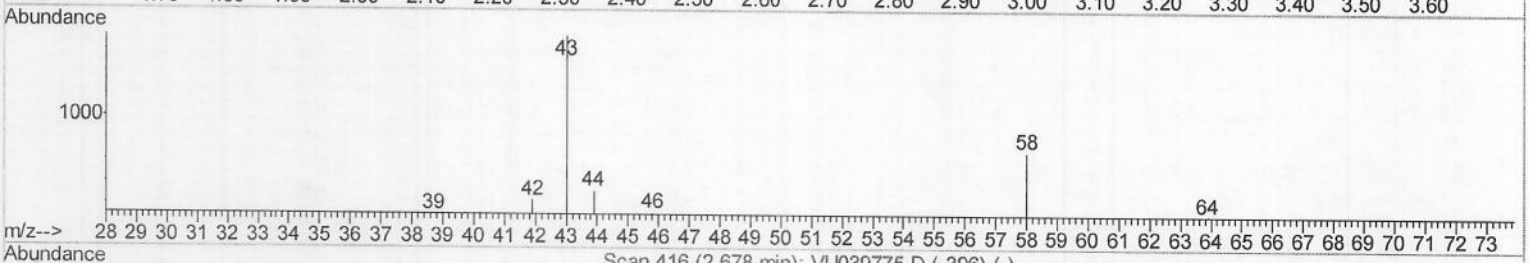
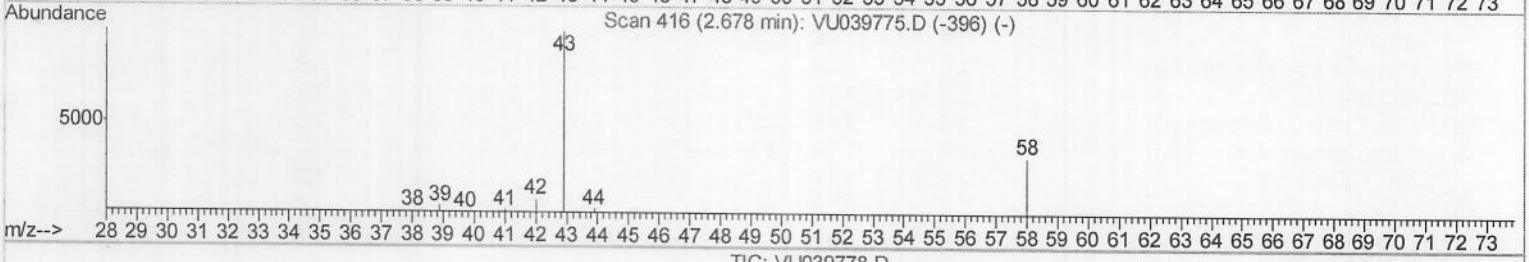
**Manual Integrations APPROVED**
sam
8/10/2020 8:18:19 AM




TIC: VU039778.D

(13) Acetone (T)

2.668min (-0.010) 3.92ug/L

response 4262

| Ion | Exp% | Act% |
|---|---|---|
| 43.05 | 100 | 100 |
| 58.05 | 30.90 | 34.91 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080720\
Data File : VU039778.D
Acq On : 07 Aug 2020 11:40
Operator : SY/MD
Sample : L3572-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

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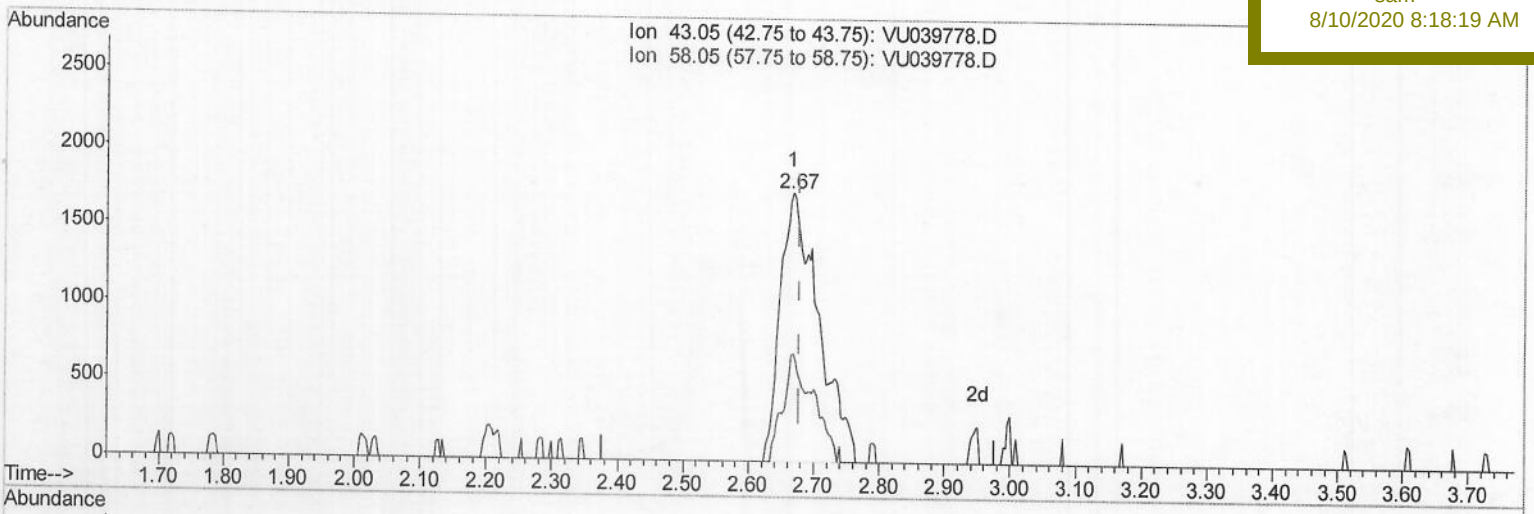
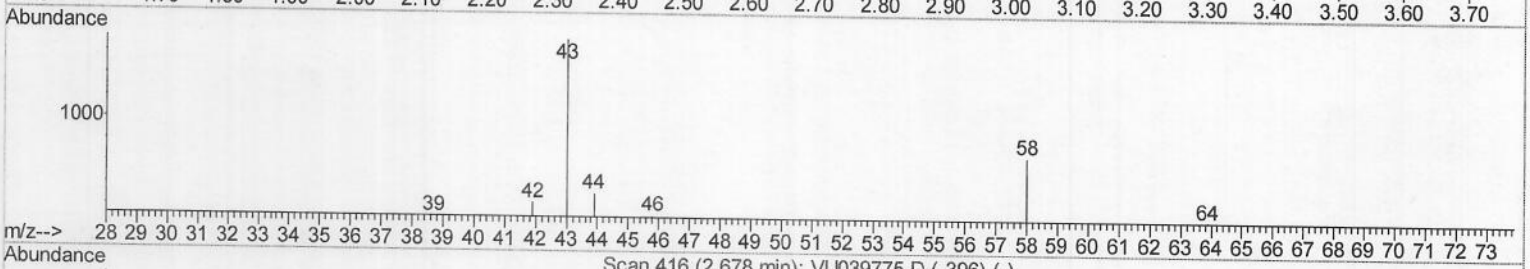
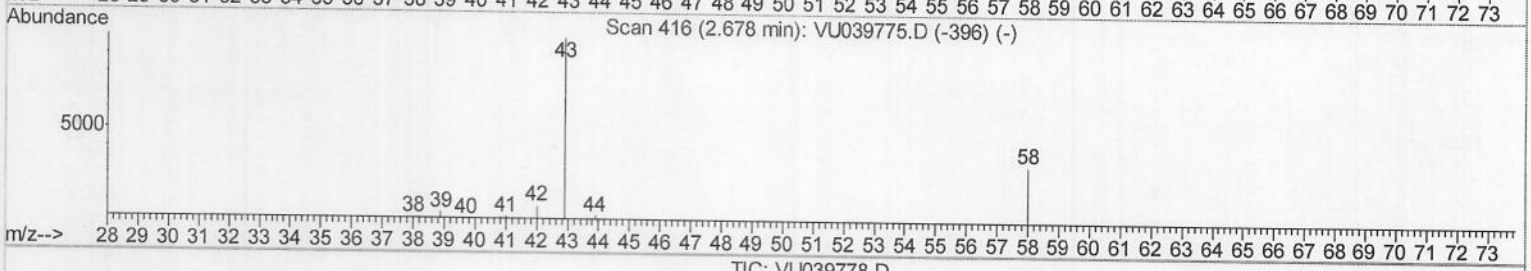
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 08 03:30:58 2020
Response via : Initial Calibration

**Instrument :**
MSVOA_U
**ClientSampleId :**
F2L86

**Manual Integrations APPROVED**
sam
8/10/2020 8:18:19 AM




TIC: VU039778.D

(13) Acetone (T)

2.668min (-0.010) 6.46ug/L m -> MD 08/10/20

response 7011

| Ion | Exp% | Act% |
|---|---|---|
| 43.05 | 100 | 100 |
| 58.05 | 30.90 | 21.22 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080720\
Data File : VU039778.D
Acq On : 07 Aug 2020 11:40
Operator : SY/MD
Sample : L3572-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 08 03:53:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 08 03:30:58 2020
Response via : Initial Calibration

**Instrument :** MSVOA_U
**ClientSampleId :** F2L86

**Manual Integrations APPROVED**
sam
8/10/2020 8:18:19 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Difluorobenzene | 6.26 | 114 | 77564 | 5.00 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.42 | 117 | 75266 | 5.00 | ug/L | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152 | 33847 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.60 | 65 | 21390 | 5.11 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 102.20% | | | |
| 7) Chloroethane-d5 | 1.92 | 69 | 21810 | 4.82 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 96.40% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.58 | 63 | 30699 | 3.64 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 72.80% | | | |
| 20) 2-Butanone-d5 | 4.66 | 46 | 93087 | 50.53 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 101.06% | | | |
| 24) Chloroform-d | 5.08 | 84 | 50341 | 4.81 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 96.20% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.72 | 65 | 31968 | 5.13 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 102.60% | | | |
| 32) Benzene-d6 | 5.74 | 84 | 92231 | 5.15 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 103.00% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.70 | 67 | 31874 | 5.20 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 104.00% | | | |
| 41) Toluene-d8 | 7.91 | 98 | 69059 | 4.35 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 87.00% | | | |
| 43) trans-1,3-Dichloropropene- | 8.19 | 79 | 10180 | 4.33 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 86.60% | | | |
| 46) 2-Hexanone-d5 | 8.64 | 63 | 68880 | 54.14 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 108.28% | | | |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75 | 84 | 29423 | 4.94 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 98.80% | | | |
| 64) 1,2-Dichlorobenzene-d4 | 12.19 | 152 | 32733 | 5.65 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 113.00% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 5) Vinyl chloride | 1.61 | 62 | 47011 | 7.454 | ug/L | 96 |
| 13) Acetone | 2.67 | 43 | 7011m -> | 6.456 | ug/L | |
| 18) trans-1,2-Dichloroethene | 3.37 | 96 | 824 | 0.160 | ug/L # | 55 |
| 22) cis-1,2-Dichloroethene | 4.69 | 96 | 24085 | 4.299 | ug/L | 98 |
| 42) Toluene | 7.98 | 91 | 13060 | 0.606 | ug/L | 97 |
| 53) m,p-Xylene | 9.69 | 106 | 1461 | 0.159 | ug/L | 86 |

MP 08/10/20

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