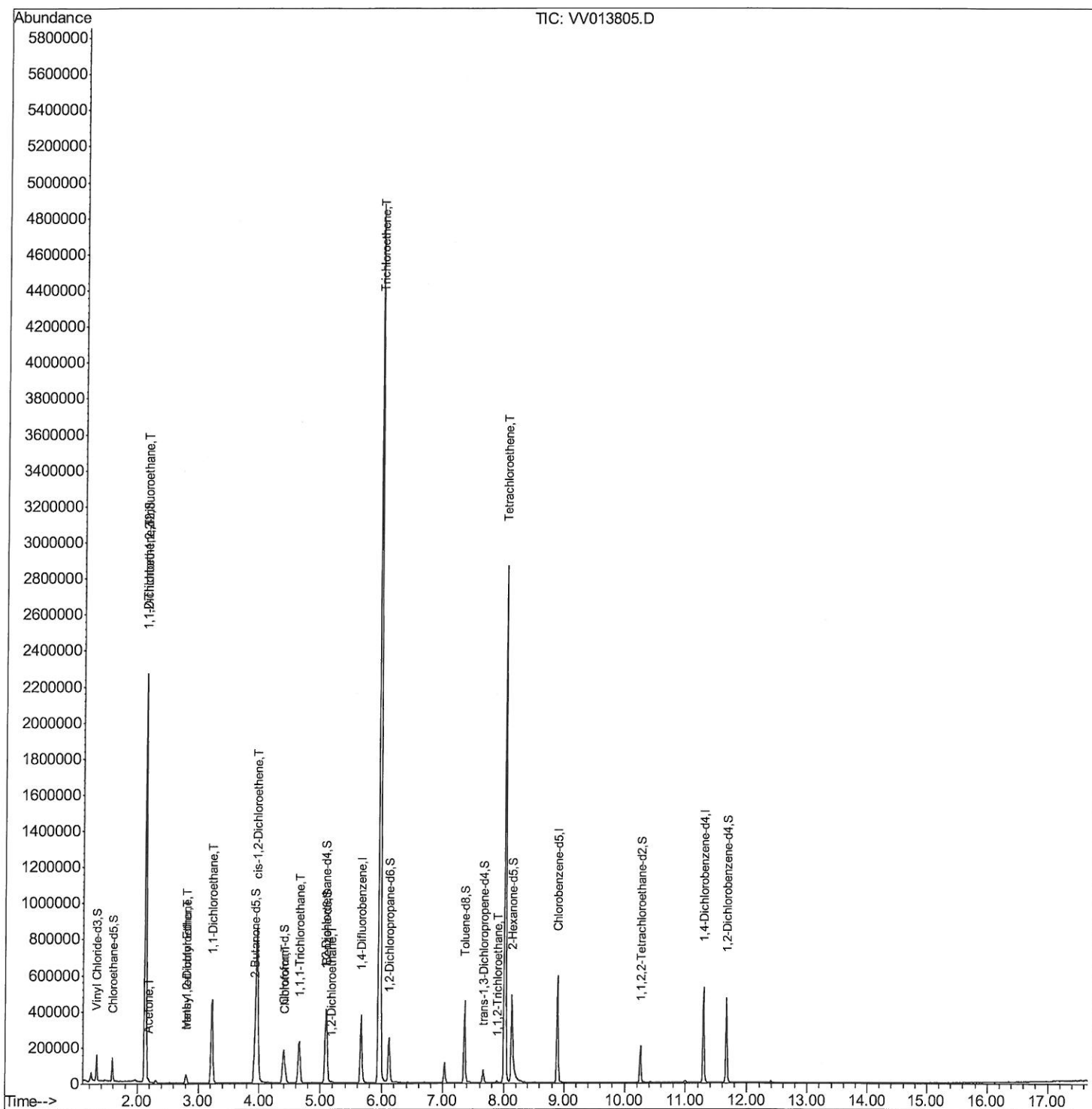


**Instrument :**  
MSVOA\_V  
**ClientSampleId :**  
BFE12

MMDadoda  
11/27/2019 11:40:43 AM

Quant Time: Nov 27 04:44:51 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM\TR112219WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Wed Nov 27 03:09:16 2019  
Response via : Initial Calibration



## Quantitation Report (Qedit)

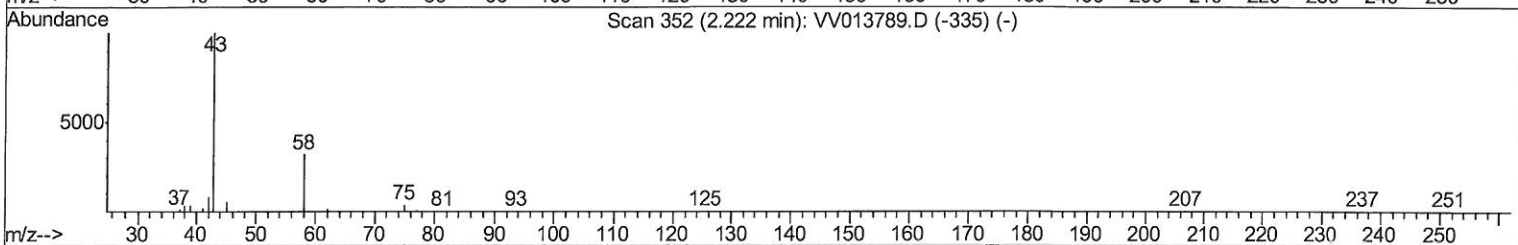
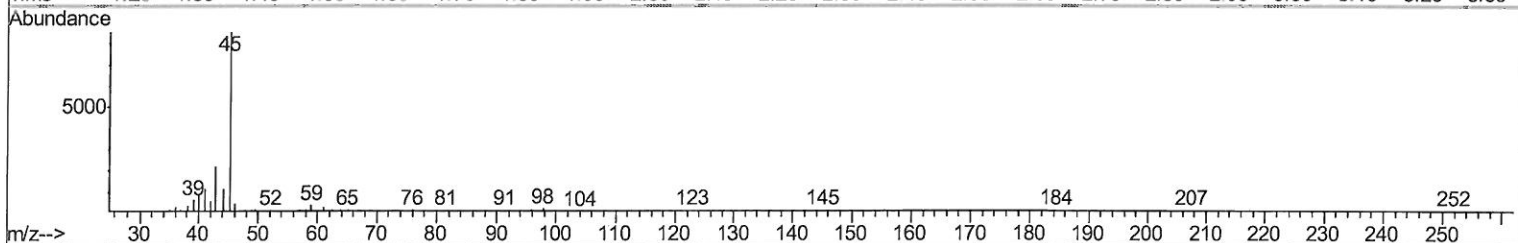
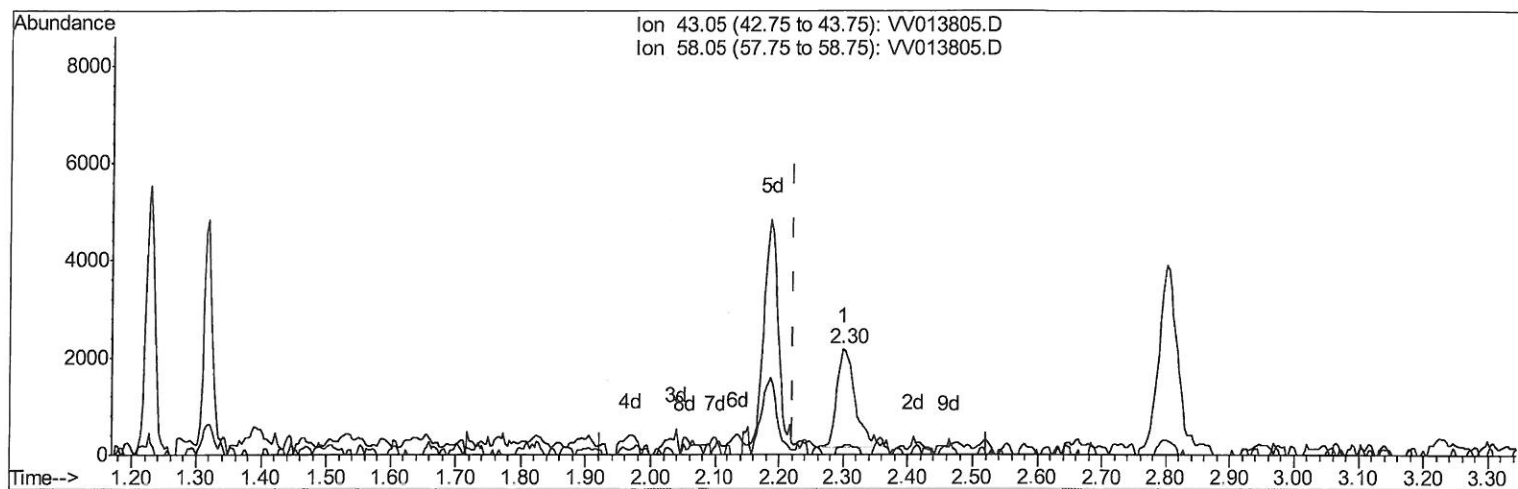
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112619\  
Data File : VV013805.D  
Acq On : 26 Nov 2019 22:51  
Operator : SY/MD  
Sample : K6056-05  
Misc : 25.0mL/MSVOA V/WATER  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFE12

Manual Integrations  
APPROVED

MMDadoda  
11/27/2019 11:40:43 AM

Quant Time: Nov 27 03:13:50 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR112219WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Wed Nov 27 03:09:16 2019  
Response via : Initial Calibration



TIC: VV013805.D

(13) Acetone (T)

2.299min (+0.077) 1.30ug/L

response 3874

| Ion   | Exp%  | Act% |
|-------|-------|------|
| 43.05 | 100   | 100  |
| 58.05 | 13.60 | 9.71 |
| 0.00  | 0.00  | 0.00 |
| 0.00  | 0.00  | 0.00 |

# Quantitation Report (Qedit)

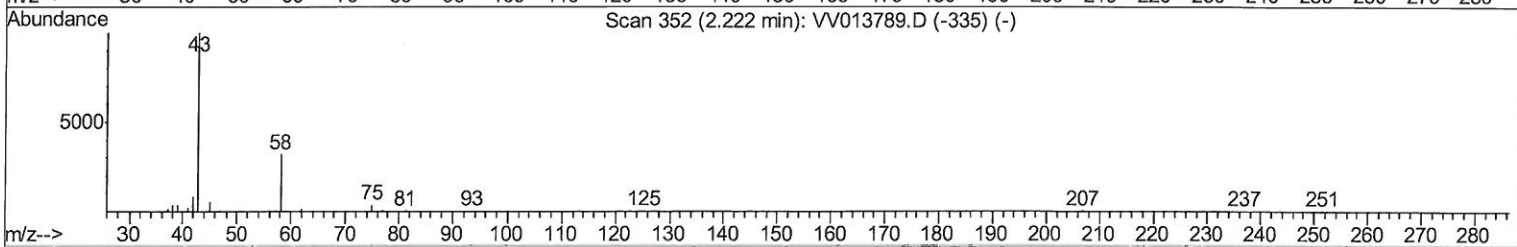
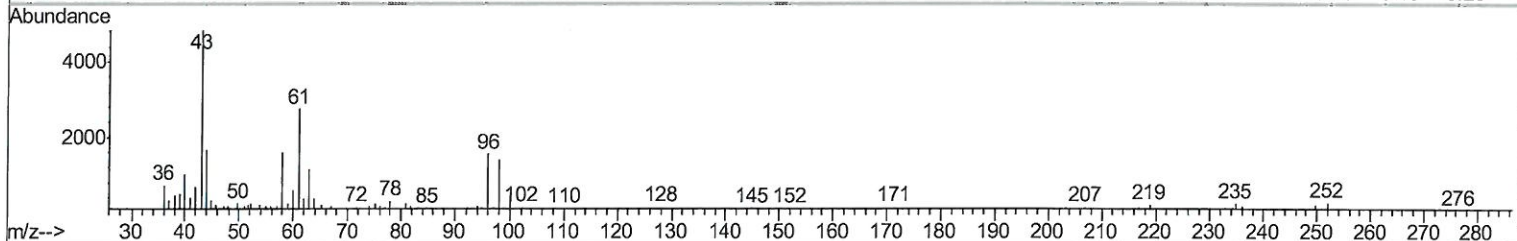
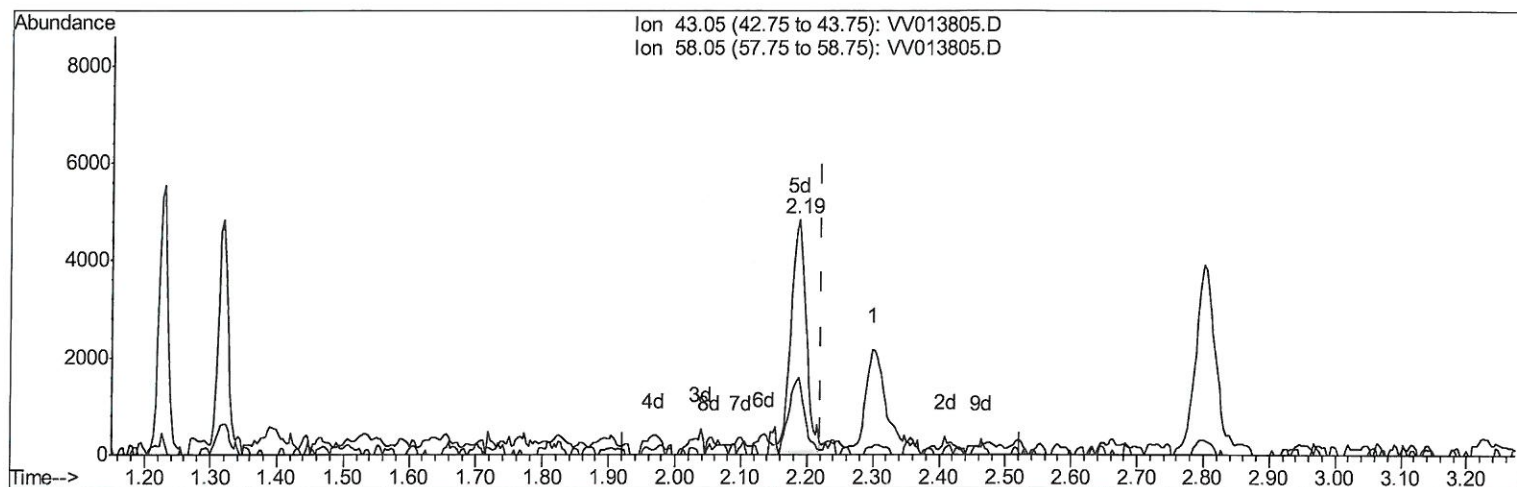
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112619\  
 Data File : VV013805.D  
 Acq On : 26 Nov 2019 22:51  
 Operator : SY/MD  
 Sample : K6056-05  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFE12

Manual Integrations  
 APPROVED

MMDadoda  
 11/27/2019 11:40:43 AM

Quant Time: Nov 27 03:13:50 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR112219WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Nov 27 03:09:16 2019  
 Response via : Initial Calibration



TIC: VV013805.D

(13) Acetone (T)

2.187min (-0.035) 2.55ug/L m

response 7625

| Ion   | Exp%  | Act% |
|-------|-------|------|
| 43.05 | 100   | 100  |
| 58.05 | 13.60 | 4.93 |
| 0.00  | 0.00  | 0.00 |
| 0.00  | 0.00  | 0.00 |

*MD*  
*11/27/19*

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112619\  
 Data File : VV013805.D  
 Acq On : 26 Nov 2019 22:51  
 Operator : SY/MD  
 Sample : K6056-05  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFE12

Manual Integrations  
 APPROVED

MMDadoda  
 11/27/2019 11:40:43 AM

Quant Time: Nov 27 04:44:51 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR112219WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Nov 27 03:09:16 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 331767   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 335972   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 145818   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 79644    | 3.88     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 77.60%   |
| 7) Chloroethane-d5             | 1.58   | 69    | 79886    | 4.58     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 91.60%   |
| 11) 1,1-Dichloroethene-d2      | 2.14   | 63    | 444079   | 12.85    | ug/L | 0.02     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 257.00%# |
| 20) 2-Butanone-d5              | 3.92   | 46    | 251558   | 58.93    | ug/L | -0.03    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 117.86%  |
| 24) Chloroform-d               | 4.40   | 84    | 171425   | 4.14     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 82.80%   |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 99249    | 5.04     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.80%  |
| 32) Benzene-d6                 | 5.10   | 84    | 367192   | 4.24     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 84.80%   |
| 36) 1,2-Dichloropropane-d6     | 6.11   | 67    | 116605   | 4.51     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 90.20%   |
| 41) Toluene-d8                 | 7.36   | 98    | 305001   | 3.75     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 75.00%   |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 39907    | 3.97     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 79.40%   |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 178529   | 48.14    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 96.28%   |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 91403    | 5.10     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 102.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 132742   | 5.16     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 103.20%  |

## Target Compounds

|                                |      |     |         |        | Ovalue |    |
|--------------------------------|------|-----|---------|--------|--------|----|
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.14 | 101 | 10907   | 0.596  | ug/L # | 84 |
| 12) 1,1-Dichloroethene         | 2.14 | 96  | 650968  | 40.811 | ug/L # | 68 |
| 13) Acetone                    | 2.19 | 43  | 7625m   | 2.554  | ug/L   | 98 |
| 17) Methyl tert-butyl Ether    | 2.80 | 73  | 38195   | 0.875  | ug/L   | 98 |
| 18) trans-1,2-Dichloroethene   | 2.79 | 96  | 4130    | 0.229  | ug/L   | 98 |
| 19) 1,1-Dichloroethane         | 3.23 | 63  | 469701  | 13.062 | ug/L   | 99 |
| 22) cis-1,2-Dichloroethene     | 3.96 | 96  | 484335  | 22.930 | ug/L   | 99 |
| 25) Chloroform                 | 4.42 | 83  | 57259   | 1.502  | ug/L   | 95 |
| 27) 1,2-Dichloroethane         | 5.19 | 62  | 4645    | 0.213  | ug/L # | 85 |
| 29) 1,1,1-Trichloroethane      | 4.66 | 97  | 186755  | 5.434  | ug/L   | 98 |
| 34) Trichloroethene            | 5.96 | 95  | 1622912 | 71.386 | ug/L   | 98 |
| 45) 1,1,2-Trichloroethane      | 7.88 | 97  | 2912    | 0.193  | ug/L   | 92 |
| 47) Tetrachloroethene          | 8.02 | 164 | 682837  | 34.590 | ug/L   | 98 |

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