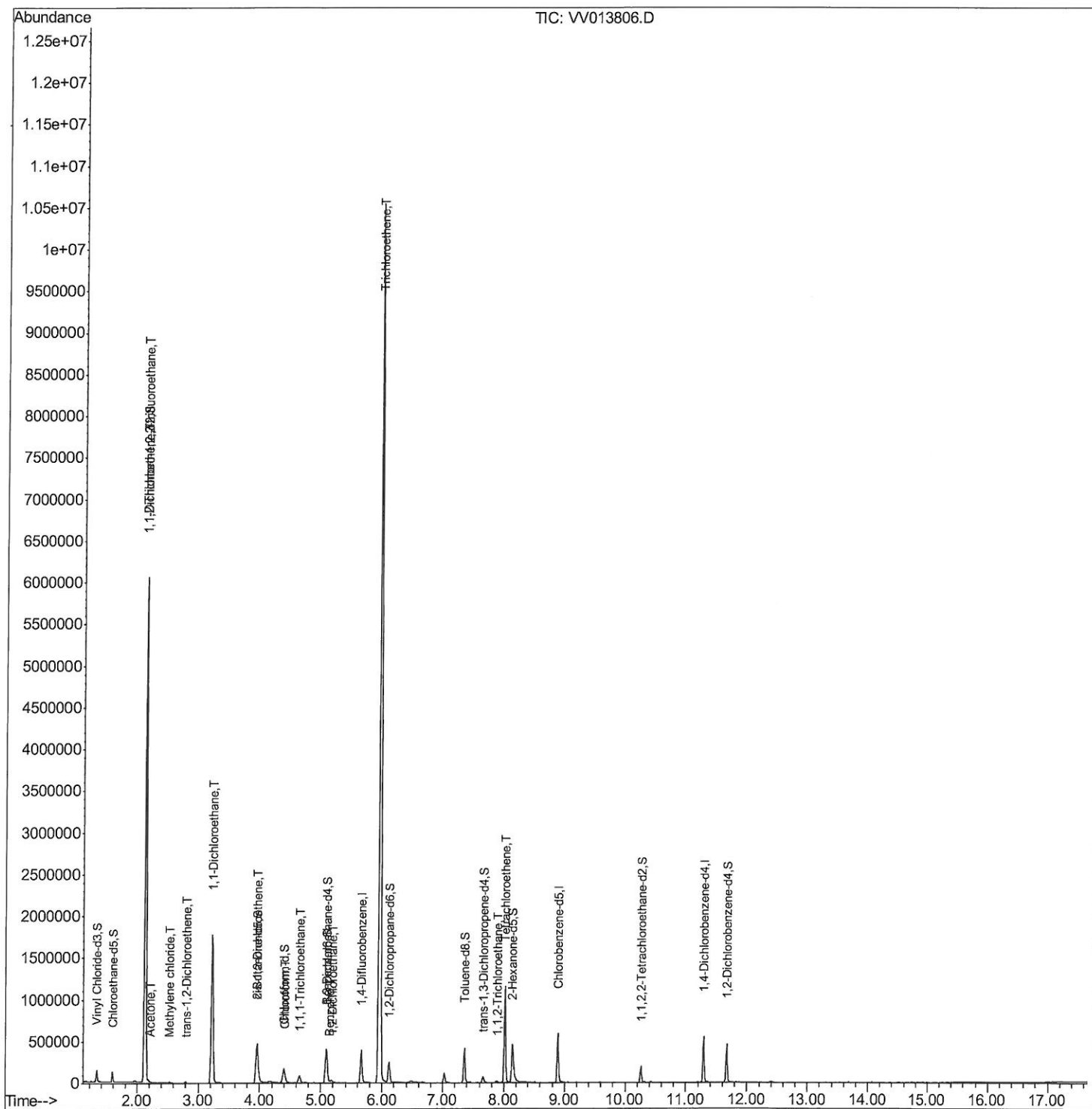


**Instrument :**  
MSVOA\_V  
**ClientSampleId :**  
BFE13

MMDadoda  
11/27/2019 11:40:46 AM

Quant Time: Nov 27 04:50:40 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



# Quantitation Report (Qedit)

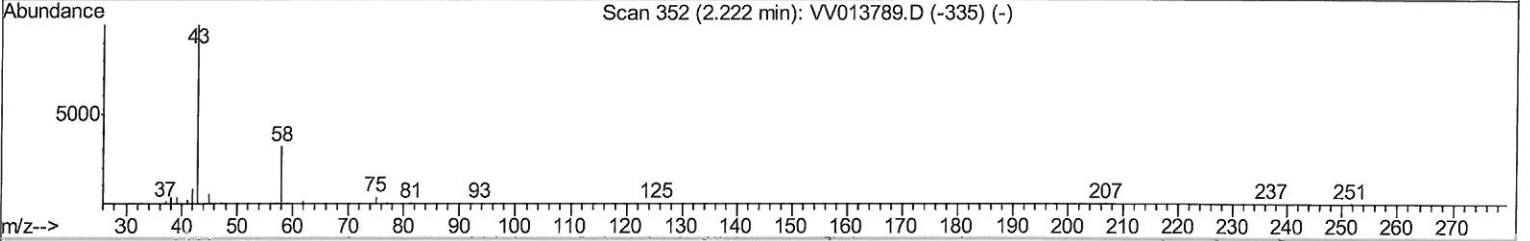
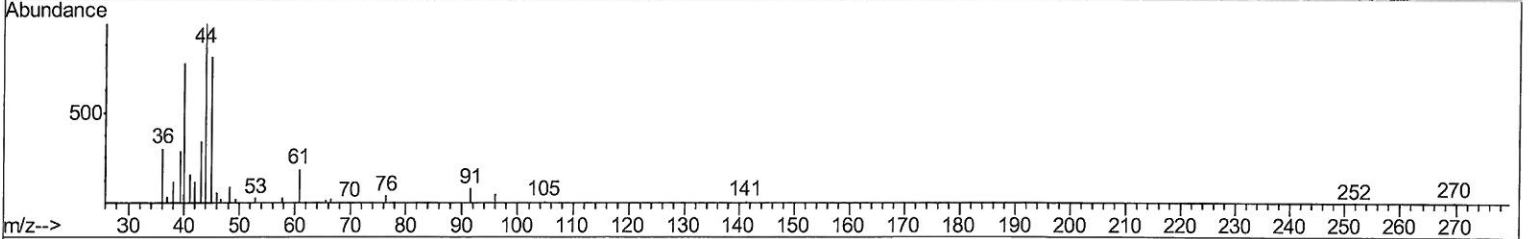
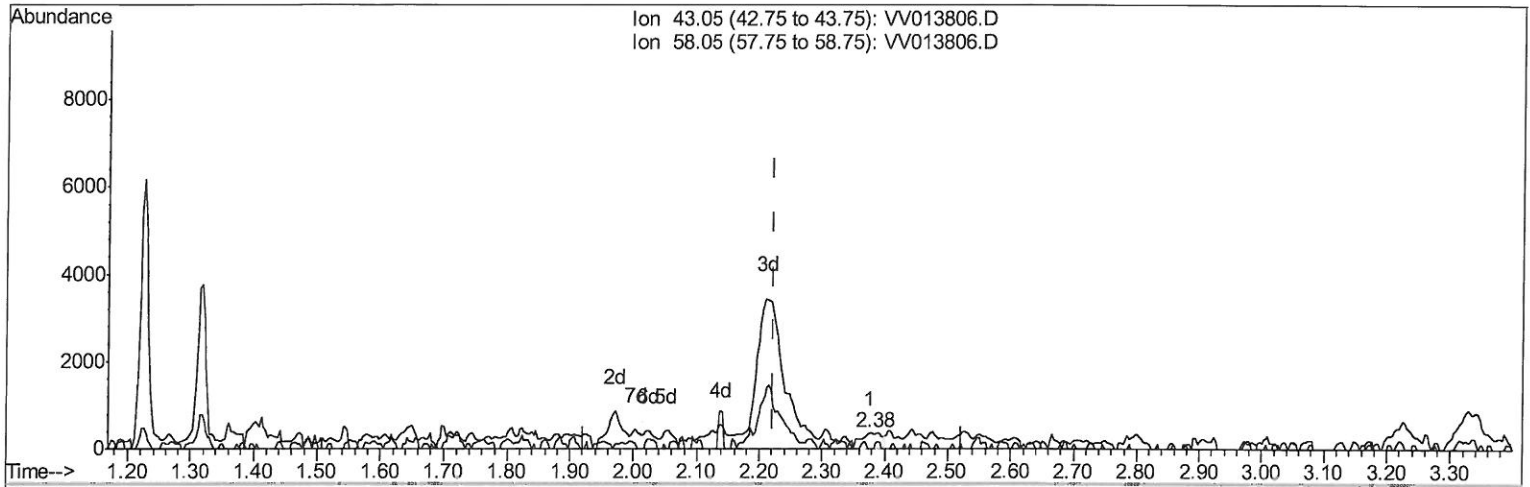
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112619\  
 Data File : VV013806.D  
 Acq On : 26 Nov 2019 23:15  
 Operator : SY/MD  
 Sample : K6056-06  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFE13

Manual Integrations  
 APPROVED

MMDadoda  
 11/27/2019 11:40:46 AM

Quant Time: Nov 27 03:14:02 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: VV013806.D

(13) Acetone (T)  
 2.376min (+0.154) 0.28ug/L  
 response 863

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 43.05 | 100   | 100   |
| 58.05 | 13.60 | 15.76 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

# Quantitation Report (Qedit)

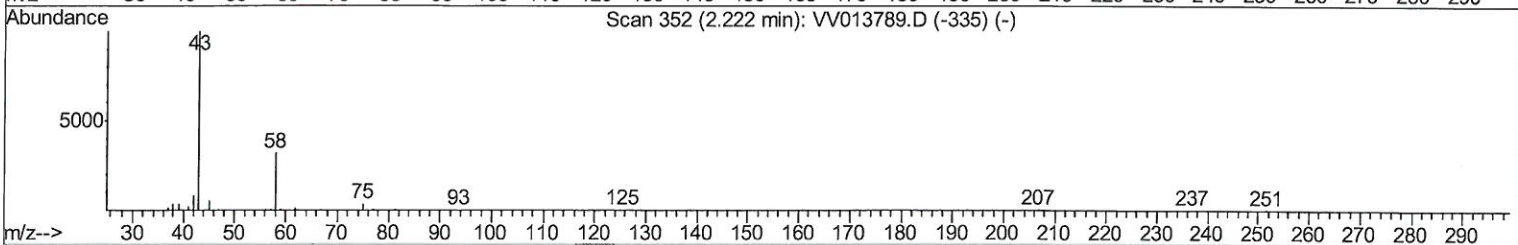
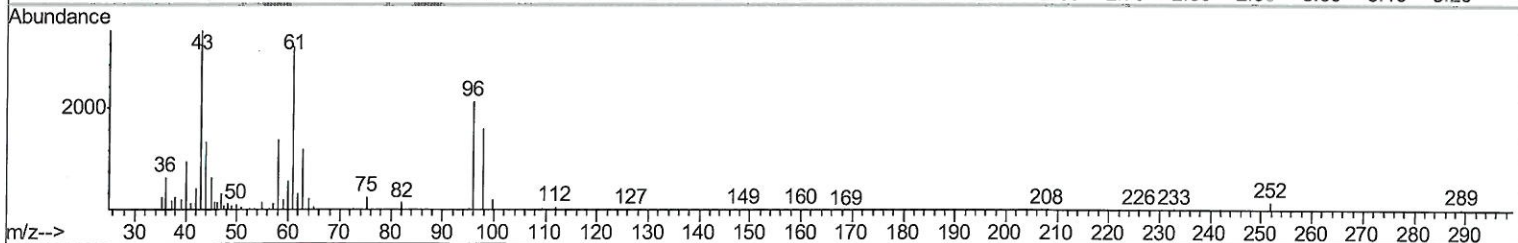
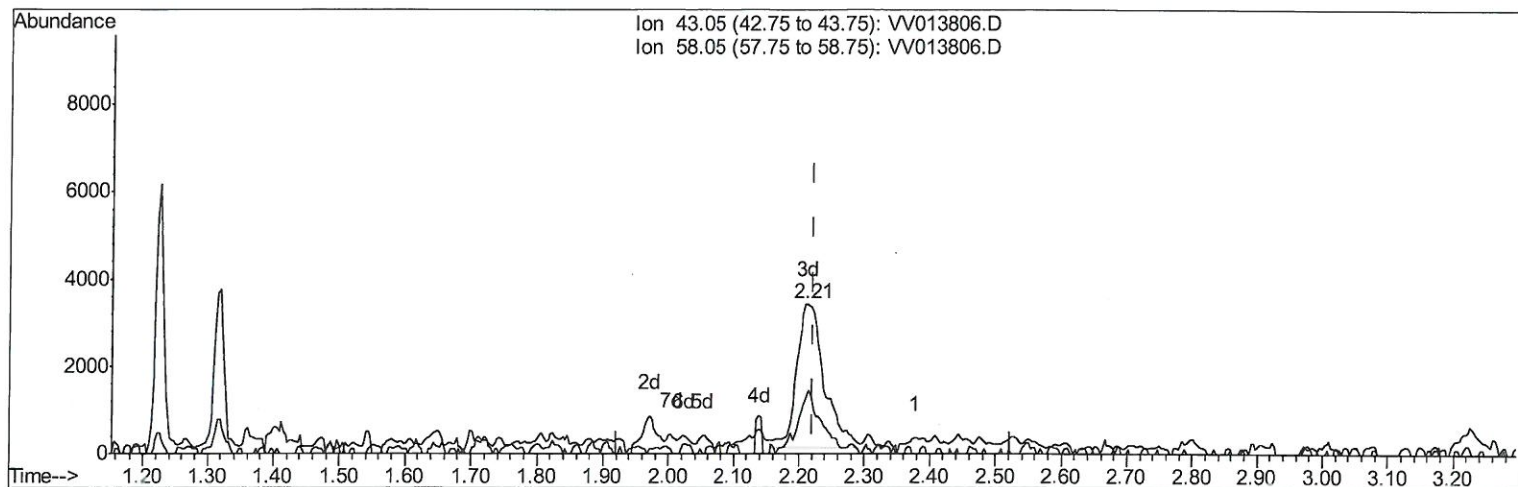
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112619\  
 Data File : VV013806.D  
 Acq On : 26 Nov 2019 23:15  
 Operator : SY/MD  
 Sample : K6056-06  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFE13

Manual Integrations  
 APPROVED

MMDadoda  
 11/27/2019 11:40:46 AM

Quant Time: Nov 27 03:14:02 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: VV013806.D

(13) Acetone (T)

2.212min (-0.010) 3.21ug/L m

response 9903

| Ion   | Exp%  | Act% |
|-------|-------|------|
| 43.05 | 100   | 100  |
| 58.05 | 13.60 | 1.37 |
| 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 : VV013806.D  
 Acq On : 26 Nov 2019 23:15  
 Operator : SY/MD  
 Sample : K6056-06  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFE13

Manual Integrations  
 APPROVED

MMDadoda  
 11/27/2019 11:40:46 AM

Quant Time: Nov 27 04:50:40 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  | 343077   | 5.00 | ug/L  | 0.00      |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 330793   | 5.00 | ug/L  | 0.00      |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 151117   | 5.00 | ug/L  | 0.00      |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 78462    | 3.69     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 73.80%   |
| 7) Chloroethane-d5             | 1.58   | 69    | 75465    | 4.18     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 83.60%   |
| 11) 1,1-Dichloroethene-d2      | 2.14   | 63    | 1017489  | 28.46    | ug/L | 0.02     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 569.20%# |
| 20) 2-Butanone-d5              | 3.95   | 46    | 252265   | 57.15    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 114.30%  |
| 24) Chloroform-d               | 4.40   | 84    | 172140   | 4.02     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 80.40%   |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 99948    | 4.91     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.20%   |
| 32) Benzene-d6                 | 5.10   | 84    | 354424   | 4.15     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 83.00%   |
| 36) 1,2-Dichloropropane-d6     | 6.11   | 67    | 116733   | 4.59     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 91.80%   |
| 41) Toluene-d8                 | 7.36   | 98    | 287659   | 3.59     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 71.80%   |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 37778    | 3.82     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 76.40%   |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 187603   | 51.38    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 102.76%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 91560    | 5.19     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 103.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 128203   | 4.81     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 96.20%   |

## Target Compounds

|                                |      |     |         |         |        | Ovalue |
|--------------------------------|------|-----|---------|---------|--------|--------|
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.14 | 101 | 11352   | 0.600   | ug/L # | 64     |
| 12) 1,1-Dichloroethene         | 2.14 | 96  | 1785407 | 108.241 | ug/L # | 64     |
| 13) Acetone                    | 2.21 | 43  | 9903m   | 3.208   | ug/L   |        |
| 16) Methylene chloride         | 2.53 | 84  | 7166    | 0.317   | ug/L   | 95     |
| 18) trans-1,2-Dichloroethene   | 2.79 | 96  | 4116    | 0.221   | ug/L   | 95     |
| 19) 1,1-Dichloroethane         | 3.23 | 63  | 1770590 | 47.616  | ug/L   | 99     |
| 22) cis-1,2-Dichloroethene     | 3.96 | 96  | 206415  | 9.450   | ug/L   | 100    |
| 25) Chloroform                 | 4.42 | 83  | 31811   | 0.807   | ug/L   | 98     |
| 27) 1,2-Dichloroethane         | 5.18 | 62  | 27342   | 1.212   | ug/L   | 98     |
| 29) 1,1,1-Trichloroethane      | 4.66 | 97  | 66328   | 1.960   | ug/L   | 100    |
| 33) Benzene                    | 5.15 | 78  | 14110   | 0.174   | ug/L   | 100    |
| 34) Trichloroethene            | 5.96 | 95  | 3502043 | 156.453 | ug/L   | 98     |
| 45) 1,1,2-Trichloroethane      | 7.88 | 97  | 7398    | 0.498   | ug/L   | 98     |
| 47) Tetrachloroethene          | 8.02 | 164 | 277348  | 14.269  | ug/L   | 97     |

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