

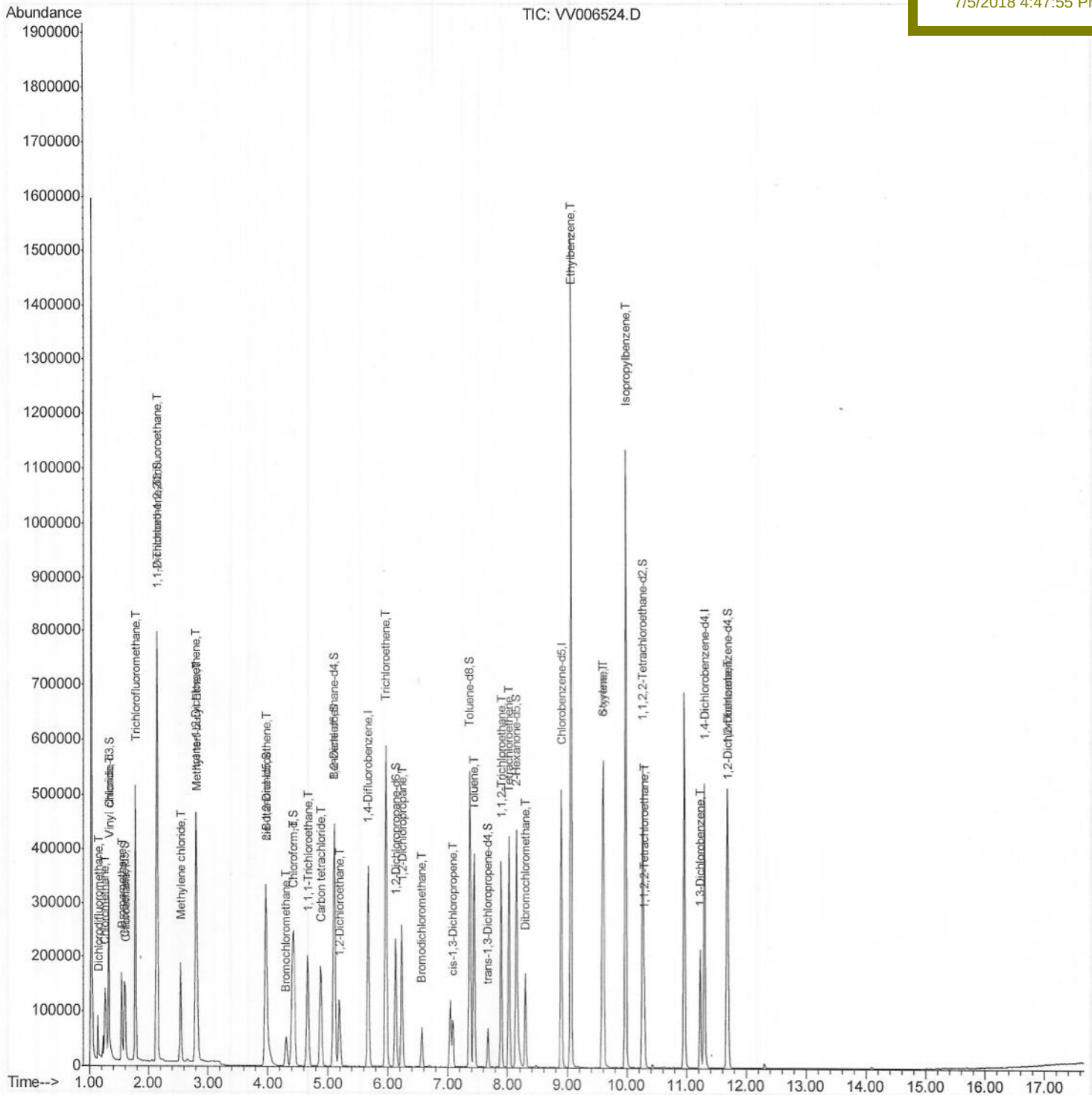
Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV070218\  
Data File : VV006524.D  
Acq On : 02 Jul 2018 11:53  
Operator : SY/MD  
Sample : J3792-01  
Misc : 25 mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 02 23:39:28 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR062518WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Sat Jun 30 02:15:06 2018  
Response via : Initial Calibration

Instrument :  
MSVOA\_V  
Client Sample ID :  
DB0G1

Manual Integrations  
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7/5/2018 4:47:55 PM



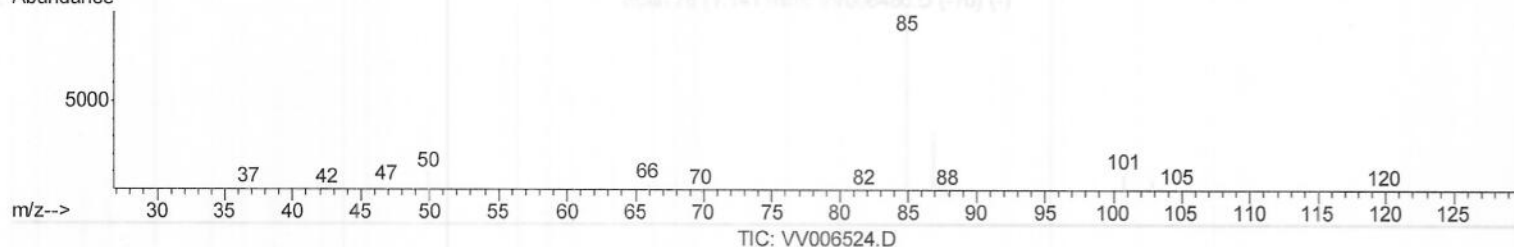
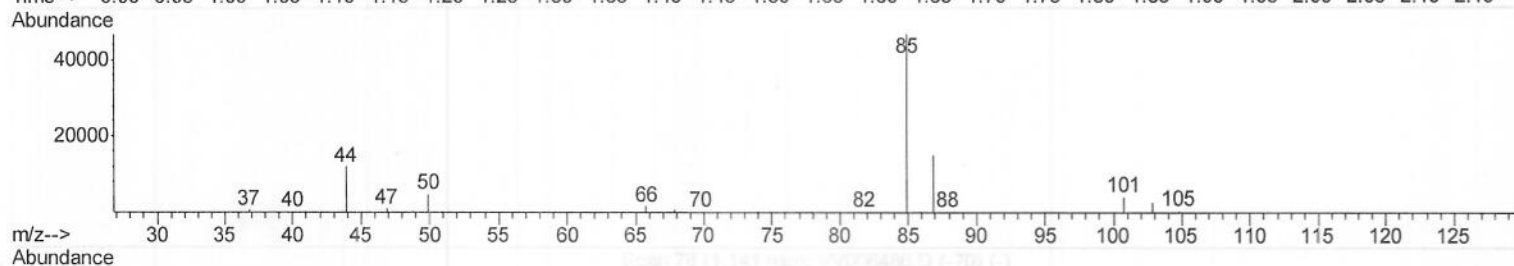
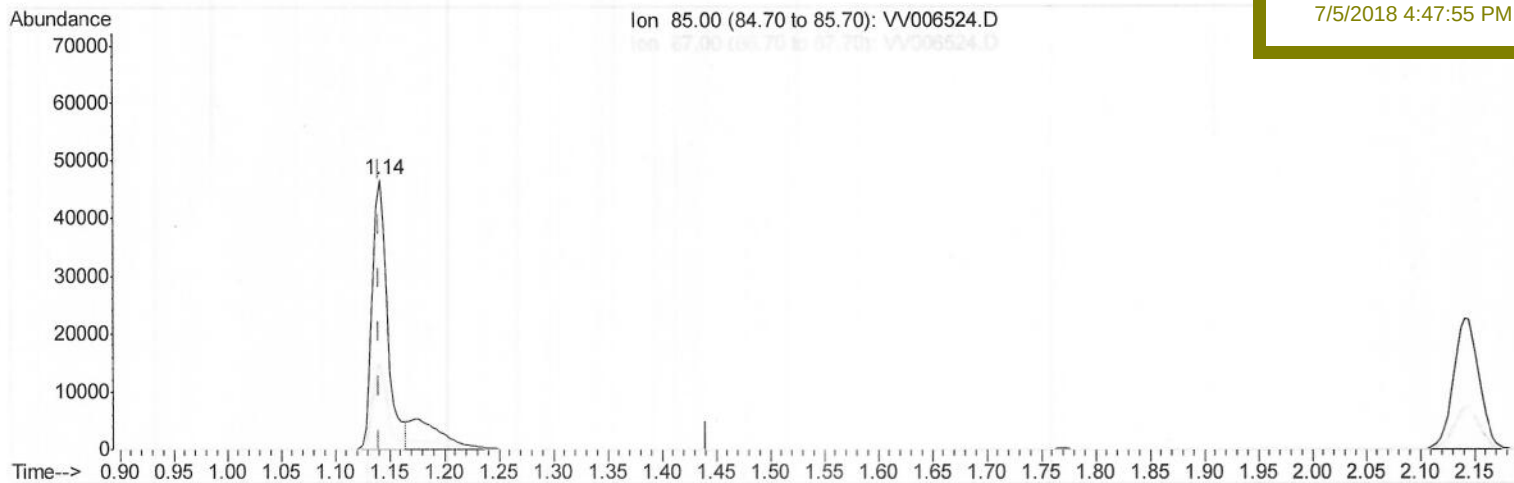
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ClientSampled :  
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(2) Dichlorodifluoromethane (T)

1.141min (+0.000) 1.87ug/L

response 44613

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 85.00 | 100   | 100    |
| 87.00 | 32.40 | 40.41# |
| 0.00  | 0.00  | 0.00   |
| 0.00  | 0.00  | 0.00   |

# Quantitation Report (Qedit)

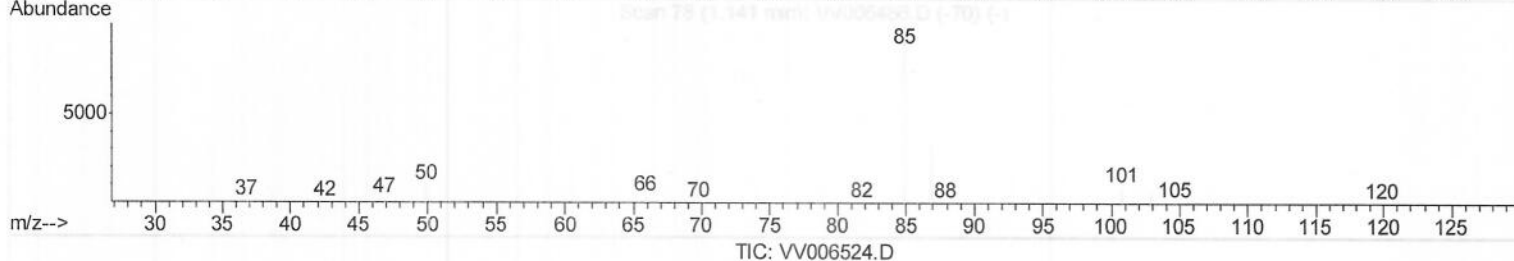
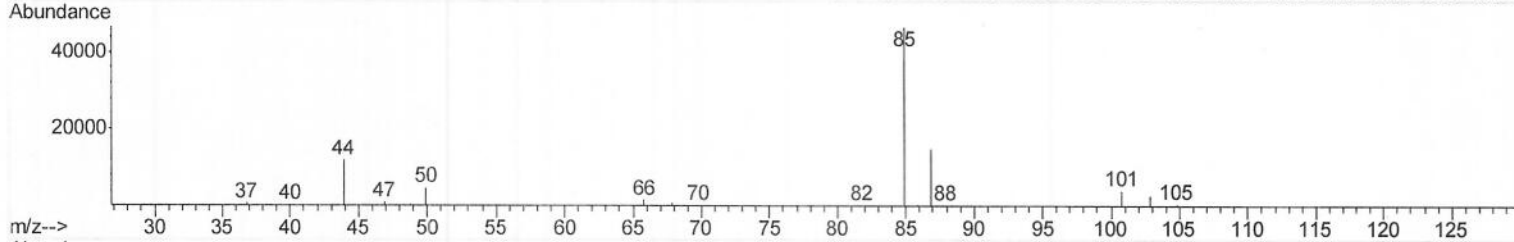
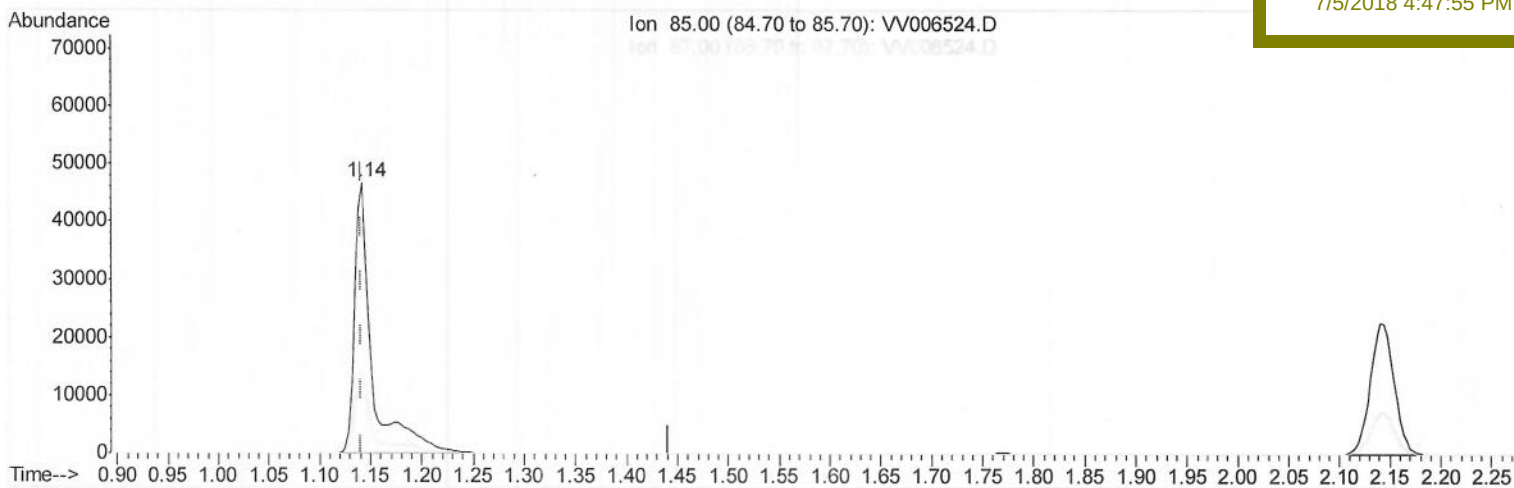
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Manual Integrations  
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 7/5/2018 4:47:55 PM



(2) Dichlorodifluoromethane (T)

1.141min (+0.000) 2.35ug/L m

response 56224

MD  
 07/07/18

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 85.00 | 100   | 100   |
| 87.00 | 32.40 | 32.06 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |



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 MSVOA\_V  
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Manual Integrations  
 APPROVED

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 7/5/2018 4:47:55 PM

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 326258   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 299880   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 144204   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |                |     |            |         |      |      |
|--------------------------------|----------------|-----|------------|---------|------|------|
| 4) Vinyl Chloride-d3           | 1.32           | 65  | 119187     | 5.56    | ug/L | 0.00 |
| Spiked Amount 5.000            | Range 40 - 130 |     | Recovery = | 111.20% |      |      |
| 7) Chloroethane-d5             | 1.59           | 69  | 94292      | 5.46    | ug/L | 0.00 |
| Spiked Amount 5.000            | Range 65 - 130 |     | Recovery = | 109.20% |      |      |
| 11) 1,1-Dichloroethene-d2      | 2.13           | 63  | 211858     | 5.58    | ug/L | 0.00 |
| Spiked Amount 5.000            | Range 60 - 125 |     | Recovery = | 111.60% |      |      |
| 20) 2-Butanone-d5              | 3.97           | 46  | 212773     | 52.93   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 40 - 130 |     | Recovery = | 105.86% |      |      |
| 24) Chloroform-d               | 4.41           | 84  | 187270     | 5.12    | ug/L | 0.00 |
| Spiked Amount 5.000            | Range 70 - 125 |     | Recovery = | 102.40% |      |      |
| 26) 1,2-Dichloroethane-d4      | 5.09           | 65  | 86585      | 5.06    | ug/L | 0.00 |
| Spiked Amount 5.000            | Range 70 - 130 |     | Recovery = | 101.20% |      |      |
| 32) Benzene-d6                 | 5.10           | 84  | 406607     | 5.21    | ug/L | 0.00 |
| Spiked Amount 5.000            | Range 70 - 125 |     | Recovery = | 104.20% |      |      |
| 36) 1,2-Dichloropropane-d6     | 6.12           | 67  | 120565     | 5.18    | ug/L | 0.00 |
| Spiked Amount 5.000            | Range 60 - 140 |     | Recovery = | 103.60% |      |      |
| 41) Toluene-d8                 | 7.36           | 98  | 371132     | 5.01    | ug/L | 0.00 |
| Spiked Amount 5.000            | Range 70 - 130 |     | Recovery = | 100.20% |      |      |
| 43) trans-1,3-Dichloropropene- | 7.67           | 79  | 40547      | 4.73    | ug/L | 0.00 |
| Spiked Amount 5.000            | Range 55 - 130 |     | Recovery = | 94.60%  |      |      |
| 46) 2-Hexanone-d5              | 8.14           | 63  | 168672     | 49.68   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 45 - 130 |     | Recovery = | 99.36%  |      |      |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27          | 84  | 69034      | 4.83    | ug/L | 0.00 |
| Spiked Amount 5.000            | Range 65 - 120 |     | Recovery = | 96.60%  |      |      |
| 64) 1,2-Dichlorobenzene-d4     | 11.68          | 152 | 134566     | 5.02    | ug/L | 0.00 |
| Spiked Amount 5.000            | Range 80 - 120 |     | Recovery = | 100.40% |      |      |

## Target Compounds

|                                |      |     |         |       | Qvalue |
|--------------------------------|------|-----|---------|-------|--------|
| 2) Dichlorodifluoromethane     | 1.14 | 85  | 56224m) | 2.352 | ug/L   |
| 3) Chloromethane               | 1.26 | 50  | 169075  | 6.898 | ug/L   |
| 5) Vinyl chloride              | 1.32 | 62  | 131414  | 4.935 | ug/L   |
| 6) Bromomethane                | 1.54 | 94  | 76663   | 4.971 | ug/L   |
| 8) Chloroethane                | 1.60 | 64  | 74085   | 4.386 | ug/L   |
| 9) Trichlorofluoromethane      | 1.77 | 101 | 294209  | 9.192 | ug/L   |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.14 | 101 | 89378   | 4.445 | ug/L   |
| 12) 1,1-Dichloroethene         | 2.14 | 96  | 116964  | 5.928 | ug/L   |
| 16) Methylene chloride         | 2.54 | 84  | 76788   | 3.323 | ug/L   |
| 17) Methyl tert-butyl Ether    | 2.81 | 73  | 248386  | 5.194 | ug/L   |
| 18) trans-1,2-Dichloroethene   | 2.79 | 96  | 143022  | 6.621 | ug/L   |
| 22) cis-1,2-Dichloroethene     | 3.97 | 96  | 147720  | 6.219 | ug/L   |
| 23) Bromochloromethane         | 4.30 | 128 | 20098   | 2.082 | ug/L   |
| 25) Chloroform                 | 4.43 | 83  | 179918  | 4.640 | ug/L   |
| 27) 1,2-Dichloroethane         | 5.19 | 62  | 107448  | 4.932 | ug/L   |
| 29) 1,1,1-Trichloroethane      | 4.66 | 97  | 163293  | 4.993 | ug/L   |
| 31) Carbon tetrachloride       | 4.88 | 117 | 140109  | 5.108 | ug/L   |

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| Internal Standards            | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|-------|------|----------|--------|-------|----------|
| 34) Trichloroethene           | 5.96  | 95   | 202556   | 7.995  | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 6.23  | 63   | 107666   | 4.975  | ug/L  | 100      |
| 38) Bromodichloromethane      | 6.56  | 83   | 48836    | 1.960  | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 7.08  | 75   | 54927    | 1.824  | ug/L  | 99       |
| 42) Toluene                   | 7.44  | 91   | 288141   | 3.072  | ug/L  | 99       |
| 45) 1,1,2-Trichloroethane     | 7.89  | 97   | 123199   | 8.242  | ug/L  | 98       |
| 47) Tetrachloroethene         | 8.02  | 164  | 99996    | 5.224  | ug/L  | 100      |
| 49) Dibromochloromethane      | 8.30  | 129  | 88339    | 5.544  | ug/L  | 99       |
| 52) Ethylbenzene              | 9.06  | 91   | 1055906  | 10.399 | ug/L  | 100      |
| 54) o-xylene                  | 9.59  | 106  | 117949   | 3.070  | ug/L  | 99       |
| 55) Styrene                   | 9.61  | 104  | 195886   | 3.117  | ug/L  | 99       |
| 56) Isopropylbenzene          | 9.98  | 105  | 738424   | 7.377  | ug/L  | 100      |
| 58) 1,1,2,2-Tetrachloroethane | 10.30 | 83   | 60225    | 4.272  | ug/L  | 98       |
| 62) 1,3-Dichlorobenzene       | 11.23 | 146  | 96458    | 2.031  | ug/L  | 98       |
| 65) 1,2-Dichlorobenzene       | 11.70 | 146  | 89853    | 2.021  | ug/L  | 99       |

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