

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW120519\  
Quantitation Report (Qedit)

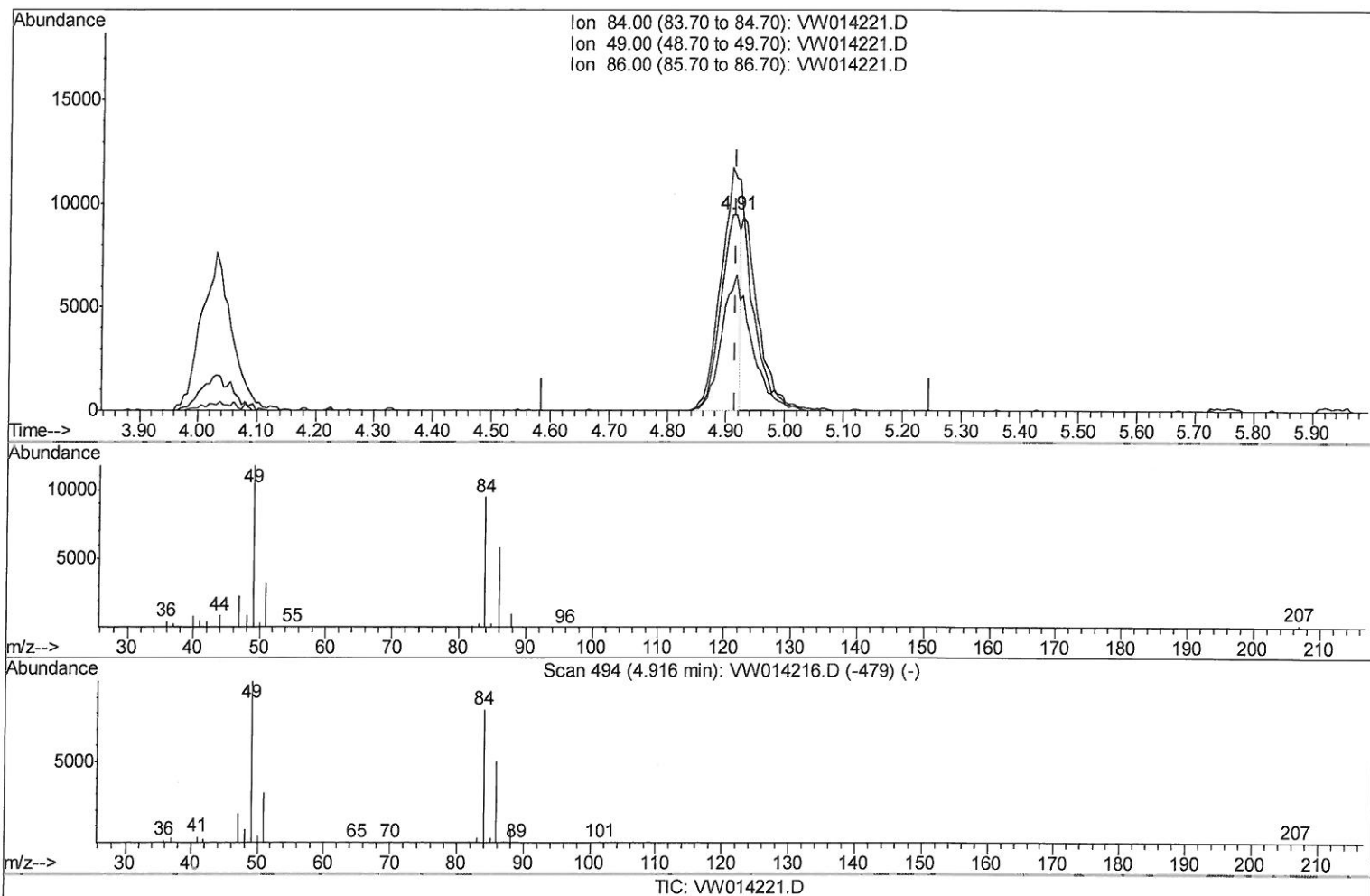
Data File : VW014221.D  
Acq On : 05 Dec 2019 18:49  
Operator : SY/VA  
Sample : K6149-04MSD  
Misc : 4.82G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DBBL1MSD

Manual Integrations  
APPROVED

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12/6/2019 2:55:47 PM

Quant Time: Dec 06 06:53:50 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM120519S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Dec 06 06:50:50 2019  
Response via : Initial Calibration



(16) Methylene chloride (T)

4.909min (-0.006) 1.02ug/L

response 21632

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100    | 100    |
| 49.00 | 120.30 | 123.96 |
| 86.00 | 62.40  | 61.57  |
| 0.00  | 0.00   | 0.00   |

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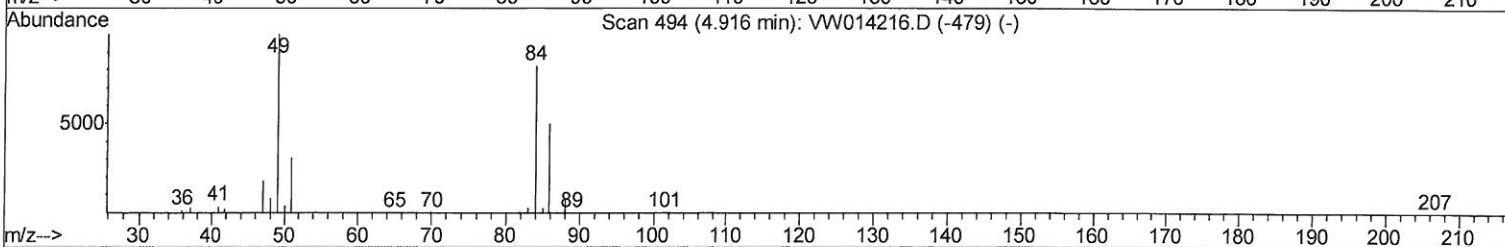
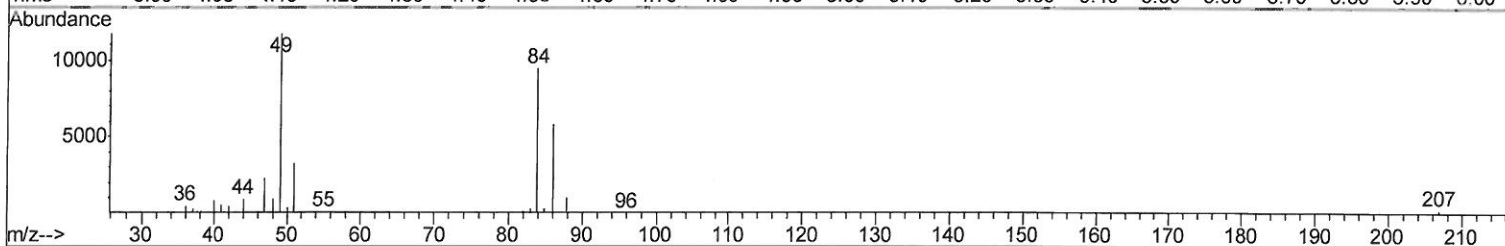
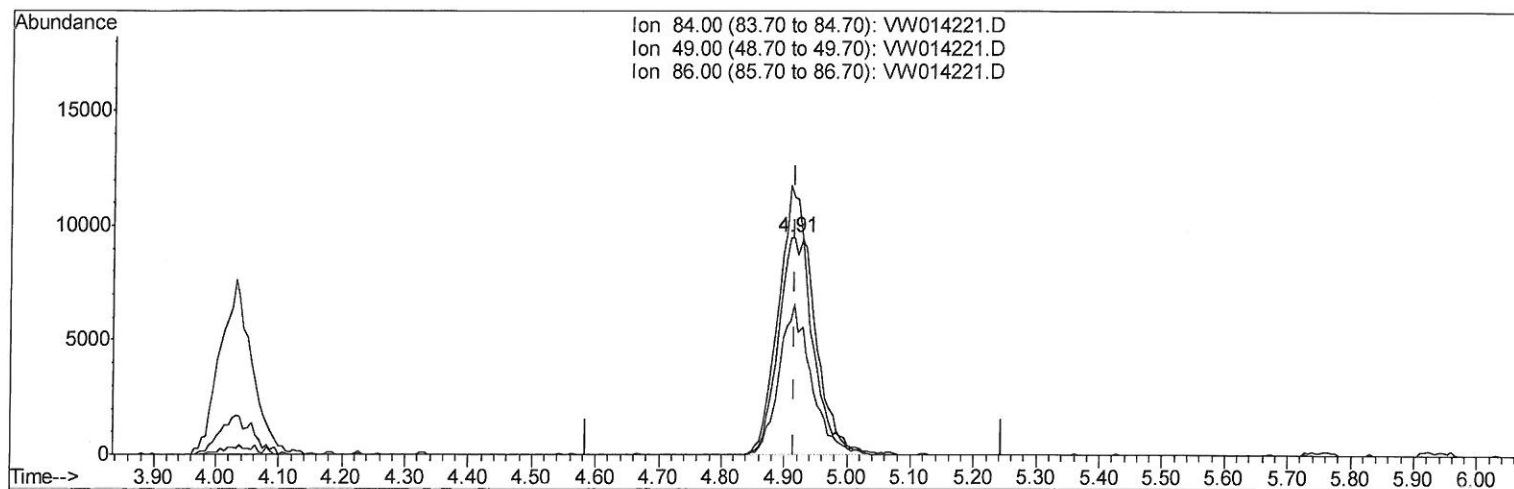
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TIC: VW014221.D

(16) Methylene chloride (T)

4.909min (-0.006) 1.74ug/L m

response 36831

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100    | 100    |
| 49.00 | 120.30 | 123.96 |
| 86.00 | 62.40  | 61.57  |
| 0.00  | 0.00   | 0.00   |

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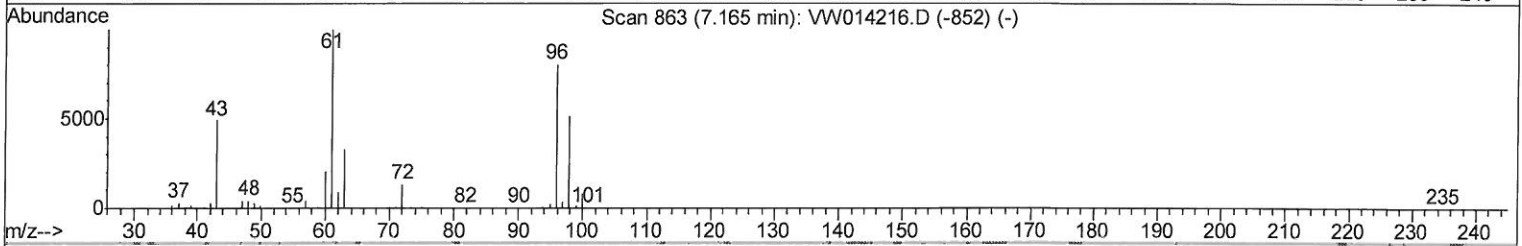
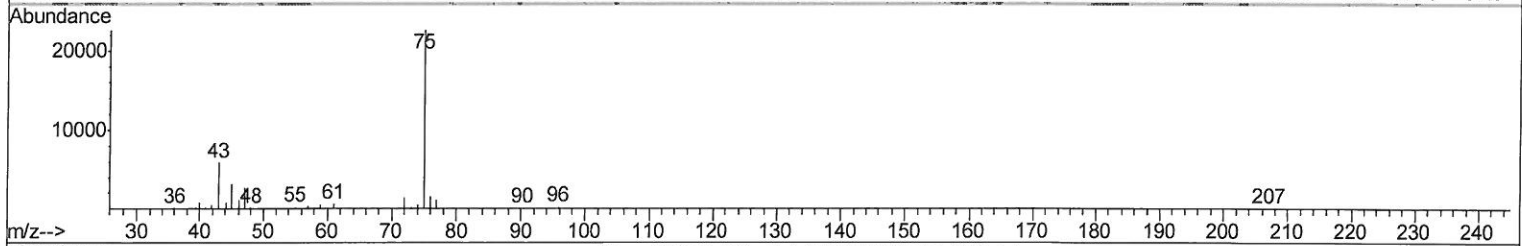
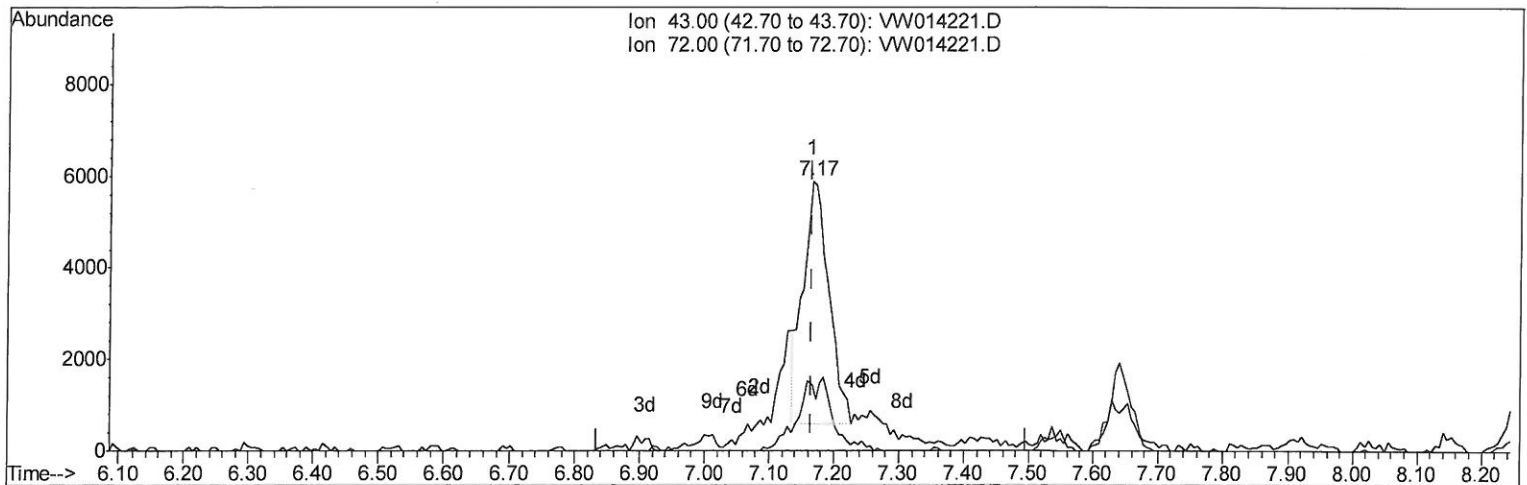
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ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampled :  
DBBL1MSD

Manual Integrations  
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Response via : Initial Calibration



TIC: VW014221.D

(21) 2-Butanone

7.165min (-0.000) 2.07ug/L

response 14617

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 43.00 | 100   | 100   |
| 72.00 | 28.10 | 20.94 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

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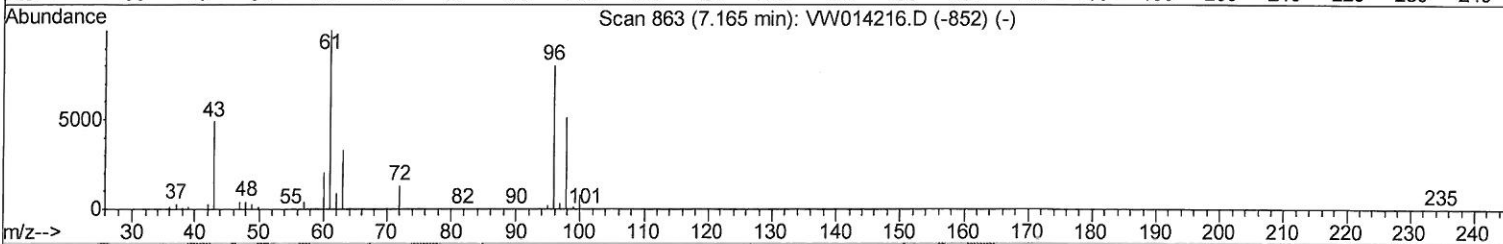
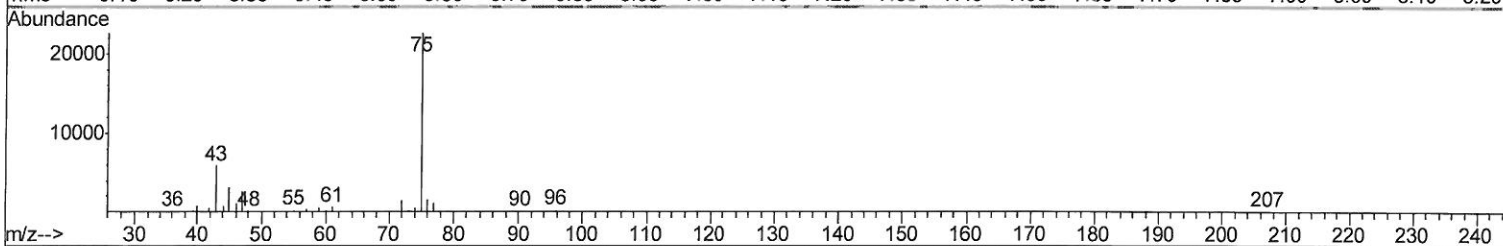
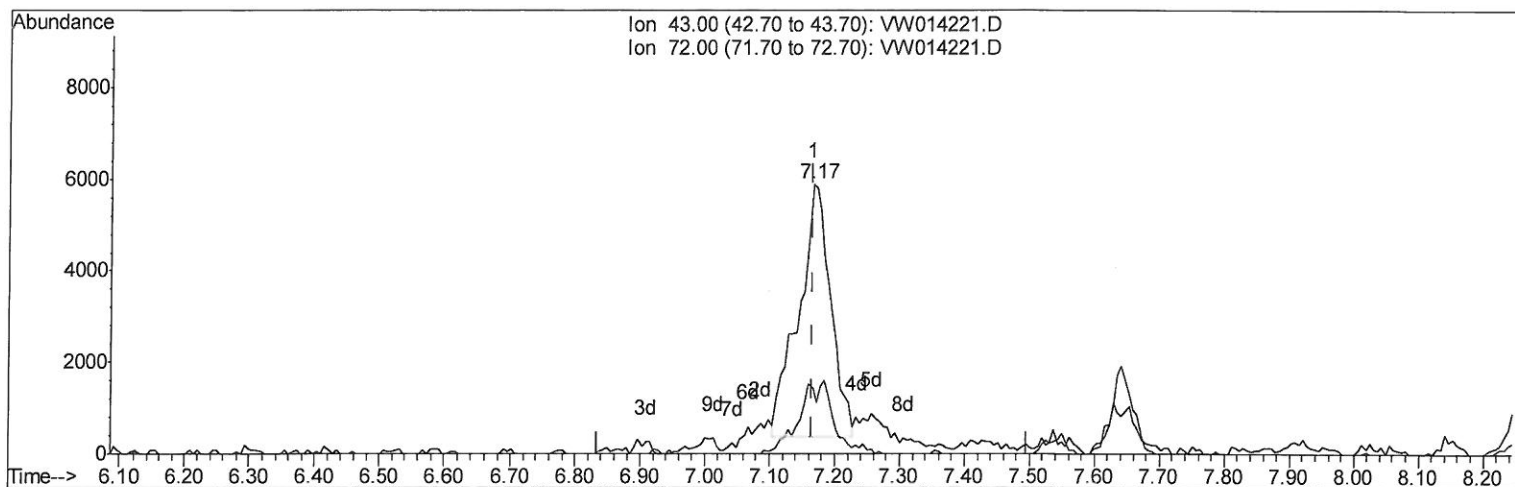
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ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DBBL1MSD

Manual Integrations  
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Response via : Initial Calibration



TIC: VW014221.D

(21) 2-Butanone

7.165min (-0.000) 2.67ug/L m

response 18820

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 43.00 | 100   | 100   |
| 72.00 | 28.10 | 16.26 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

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Quantitation Report (QT Reviewed)

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Operator : SY/VA  
Sample : K6149-04MSD  
Misc : 4.82G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
Client Sample ID :  
DBBL1MSD

Manual Integrations  
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12/6/2019 2:55:47 PM

Quant Time: Dec 06 07:22:57 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM120519S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Dec 06 06:50:50 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 1379667  | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 1200891  | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 534731   | 25.00 | ug/L  | 0.00     |

System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 450175   | 21.55    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 86.20% |
| 7) Chloroethane-d5             | 2.89   | 69    | 327423   | 21.08    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 84.32% |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 790214   | 21.41    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 85.64% |
| 20) 2-Butanone-d5              | 7.07   | 46    | 180757   | 33.20    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 66.40% |
| 24) Chloroform-d               | 7.64   | 84    | 708821   | 20.18    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 80.72% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 361982   | 19.65    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 78.60% |
| 29) Benzene-d6                 | 8.27   | 84    | 1557166  | 22.12    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 88.48% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 467936   | 21.61    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 86.44% |
| 37) Toluene-d8                 | 10.32  | 98    | 1406811  | 22.11    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 88.44% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 178986   | 19.70    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 78.80% |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 146985   | 34.14    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 68.28% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 318936   | 18.07    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 72.28% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 436560   | 21.37    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 85.48% |

Target Compounds

|                        |       |     |         |        | Qvalue   |
|------------------------|-------|-----|---------|--------|----------|
| 12) 1,1-Dichloroethene | 4.04  | 96  | 386439  | 20.975 | ug/L 83  |
| 13) Acetone            | 4.12  | 43  | 66208   | 12.613 | ug/L 100 |
| 16) Methylene chloride | 4.91  | 84  | 36831m  | 1.741  | ug/L     |
| 21) 2-Butanone         | 7.17  | 43  | 18820m  | 2.671  | ug/L     |
| 34) Benzene            | 8.32  | 78  | 1736042 | 22.831 | ug/L 100 |
| 35) Trichloroethene    | 9.09  | 95  | 434890  | 22.354 | ug/L 97  |
| 44) Toluene            | 10.38 | 91  | 1826482 | 22.912 | ug/L 98  |
| 52) Chlorobenzene      | 11.66 | 112 | 1130330 | 21.939 | ug/L 98  |

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

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