

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

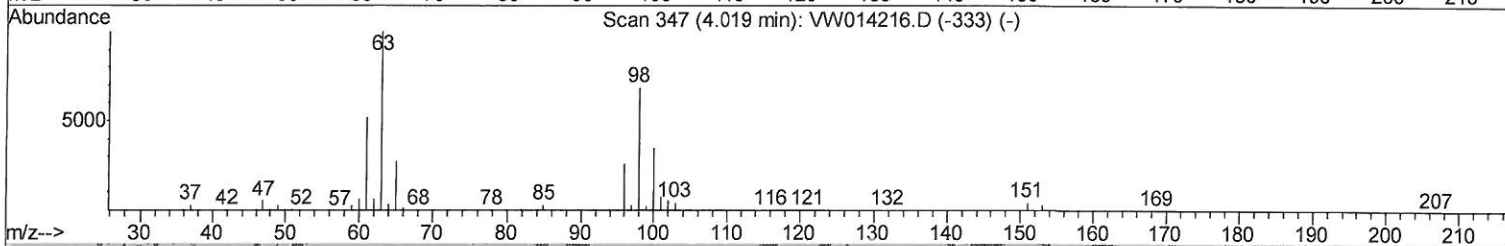
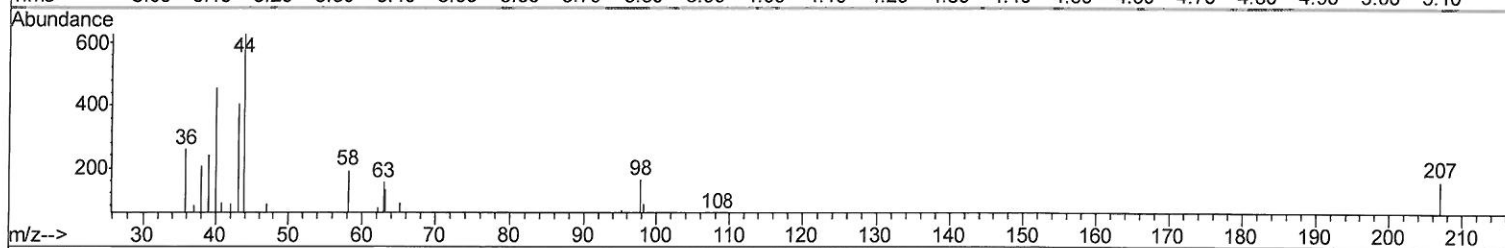
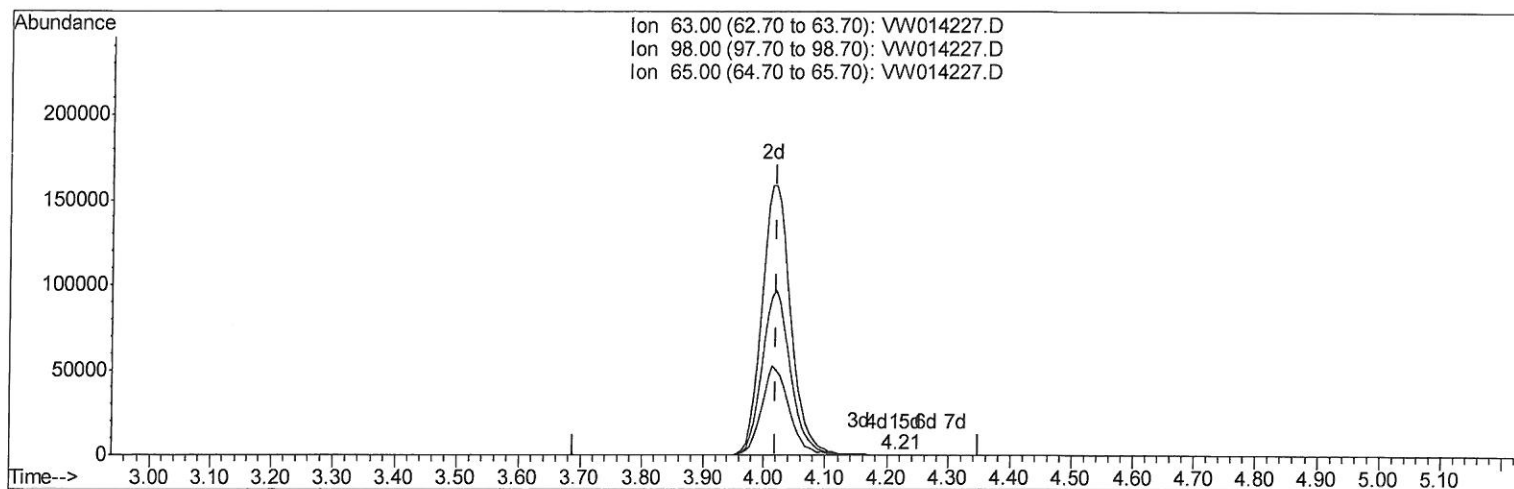
Data File : VW014227.D  
Acq On : 05 Dec 2019 21:27  
Operator : SY/VA  
Sample : K6149-11  
Misc : 5.31G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DBBS4

Manual Integrations  
APPROVED

apatel  
12/6/2019 2:55:51 PM

Quant Time: Dec 06 06:54:41 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



TIC: VW014227.D

(10) 1,1-Dichloroethene-d2 (S)

4.214min (+0.195) 0.01ug/L

response 315

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 63.00 | 100   | 100   |
| 98.00 | 79.10 | 57.46 |
| 65.00 | 23.50 | 29.52 |
| 0.00  | 0.00  | 0.00  |

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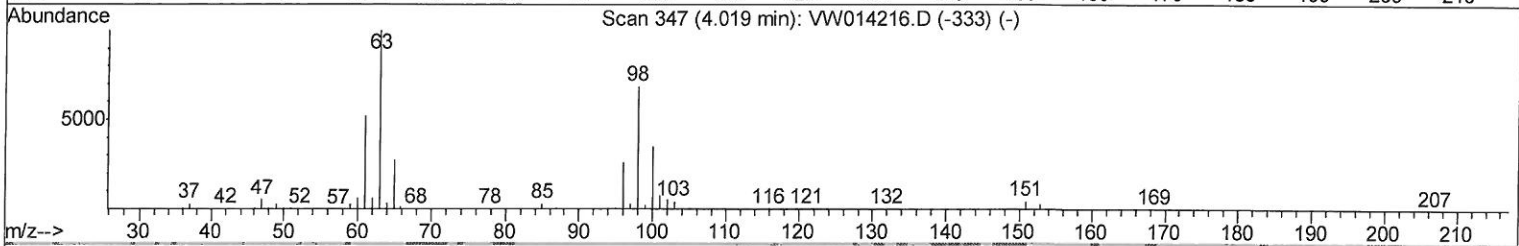
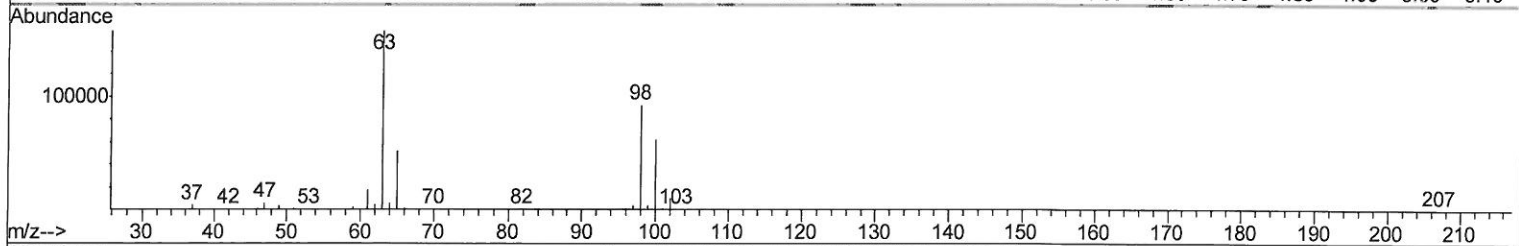
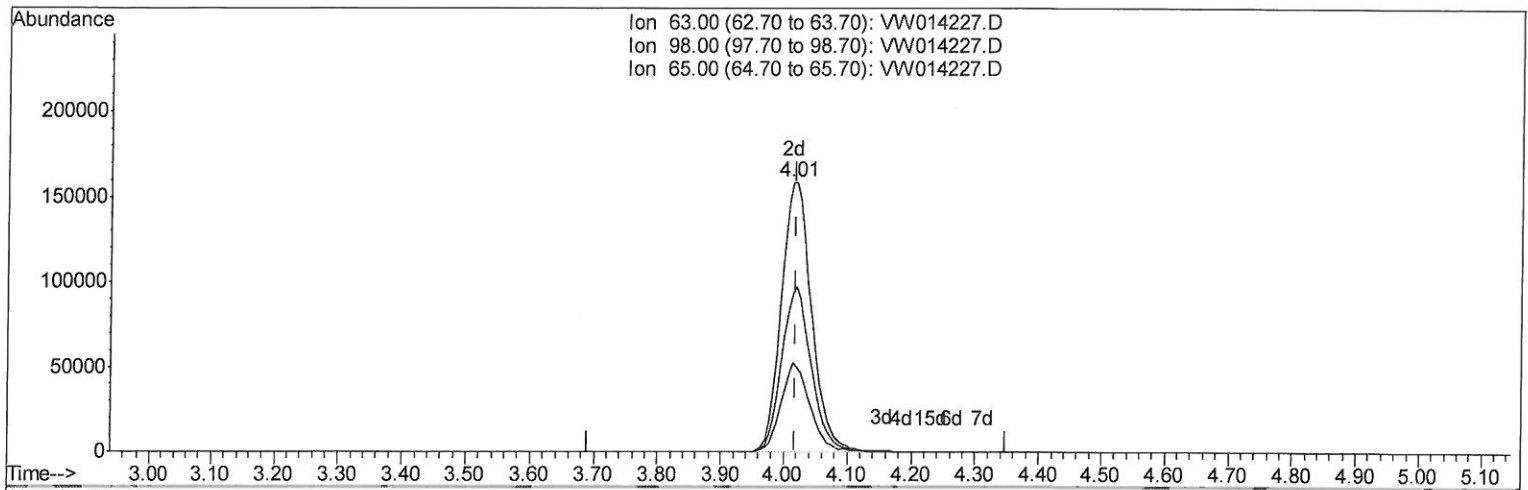
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TIC: VW014227.D

(10) 1,1-Dichloroethene-d2 (S)

4.013min (-0.006) 18.81ug/L m

response 520184

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 63.00 | 100   | 100   |
| 98.00 | 79.10 | 0.03# |
| 65.00 | 23.50 | 0.02# |
| 0.00  | 0.00  | 0.00  |

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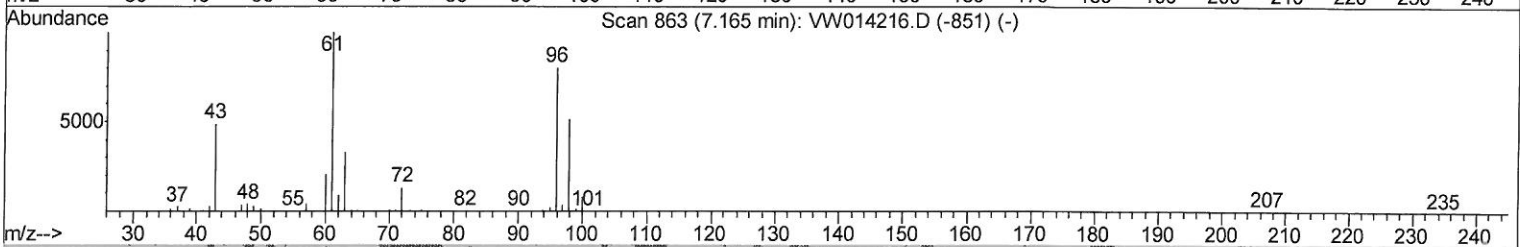
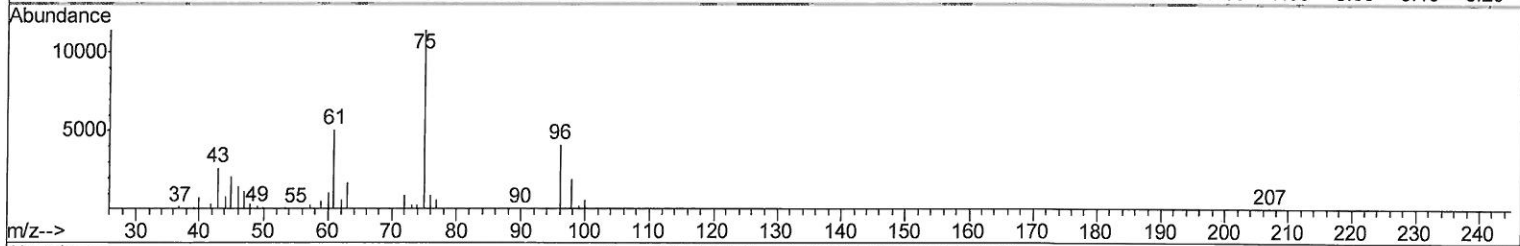
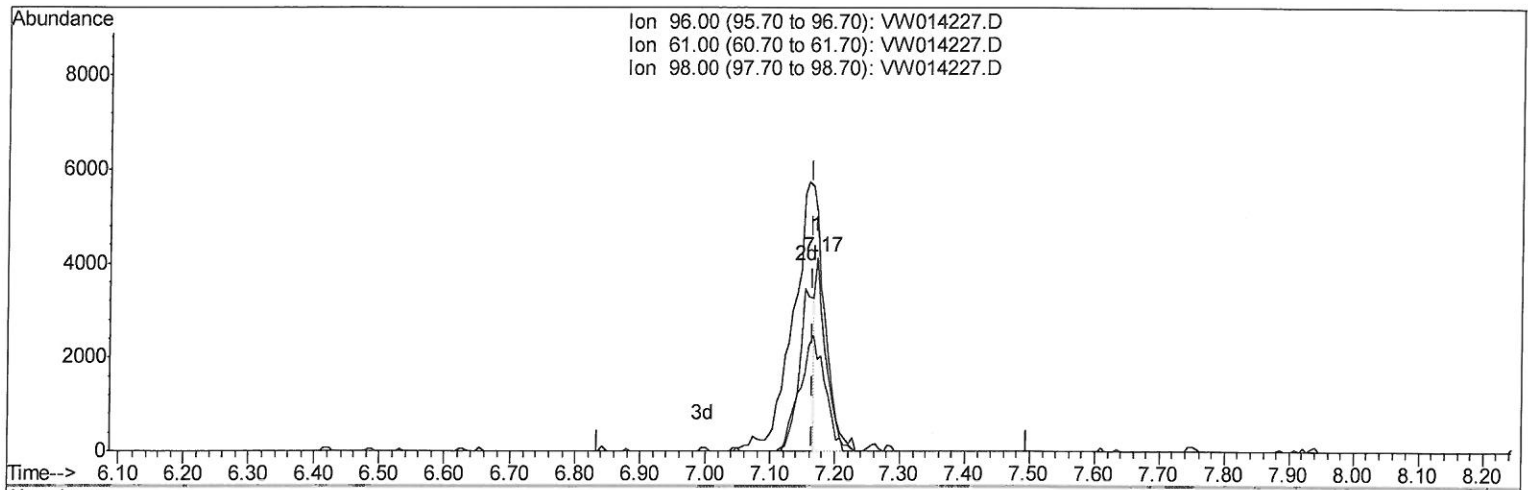
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Acq On : 05 Dec 2019 21:27  
Operator : SY/VA  
Sample : K6149-11  
Misc : 5.31G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DBBS4

Manual Integrations  
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TIC: VW014227.D

(22) cis-1,2-Dichloroethene (T)

7.171min (+0.006) 0.31ug/L

response 4816

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100    | 100    |
| 61.00 | 124.20 | 122.96 |
| 98.00 | 65.00  | 47.21  |
| 0.00  | 0.00   | 0.00   |

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Quantitation Report (Qedit)

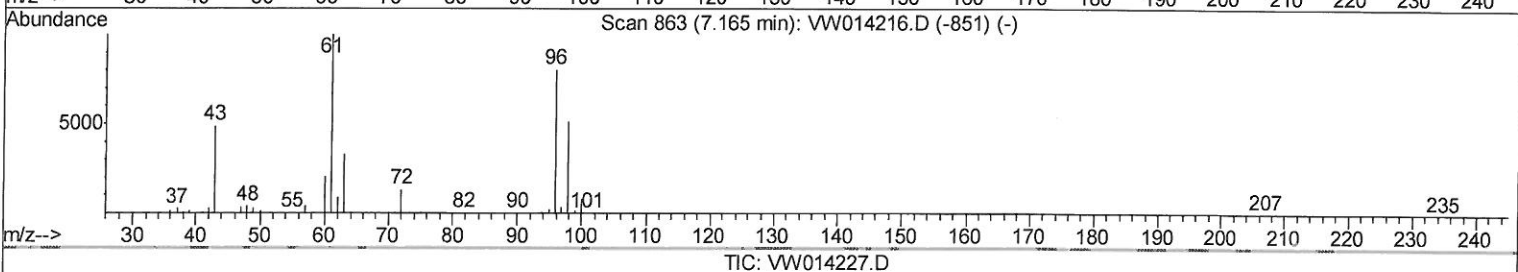
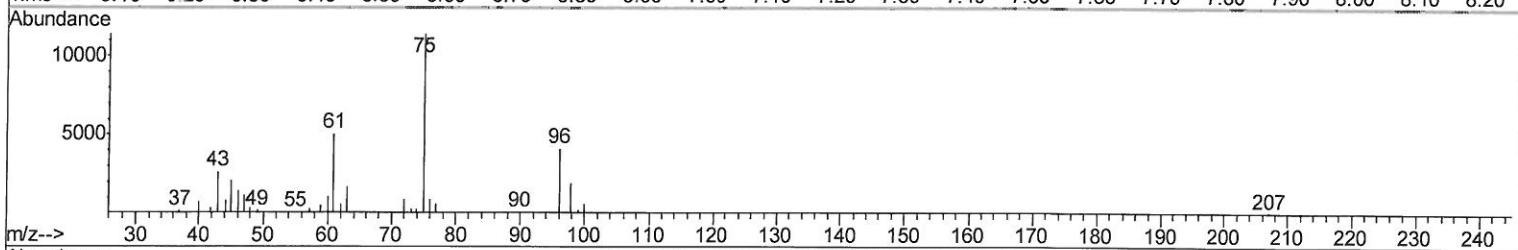
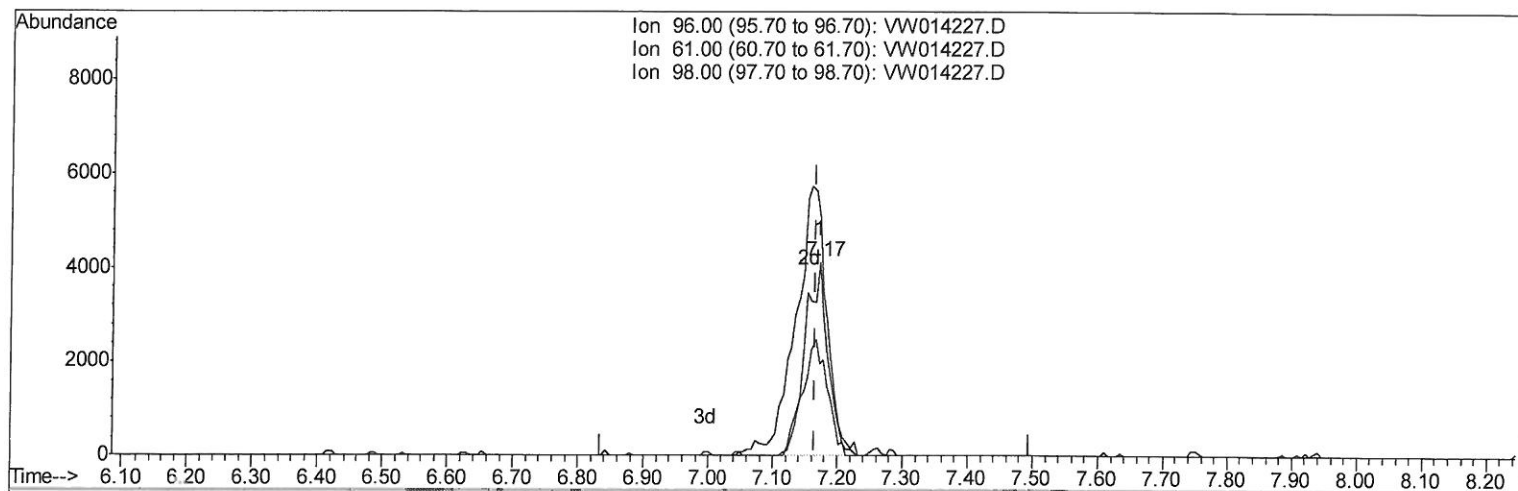
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Operator : SY/VA  
Sample : K6149-11  
Misc : 5.31G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DBBS4

Manual Integrations  
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12/6/2019 2:55:51 PM

Quant Time: Dec 06 06:54:41 2019  
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Response via : Initial Calibration



(22) cis-1,2-Dichloroethene (T)

7.171min (+0.006) 0.66ug/L m

12/06/19 Sy

response 10340

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100    | 100    |
| 61.00 | 124.20 | 122.96 |
| 98.00 | 65.00  | 47.21  |
| 0.00  | 0.00   | 0.00   |

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Sample : K6149-11  
Misc : 5.31G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DBBS4

Manual Integrations  
APPROVED

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12/6/2019 2:55:51 PM

Quant Time: Dec 06 07:48:58 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  | 1034045  | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 956996   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 411214   | 25.00 | ug/L  | 0.00     |

System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 404532   | 25.83    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 103.32% |
| 7) Chloroethane-d5             | 2.89   | 69    | 281012   | 24.14    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 96.56%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 520184m  | 18.81    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 75.24%  |
| 20) 2-Butanone-d5              | 7.07   | 46    | 250084   | 61.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 122.58% |
| 24) Chloroform-d               | 7.65   | 84    | 616534   | 23.42    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 93.68%  |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 351705   | 25.48    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 101.92% |
| 29) Benzene-d6                 | 8.27   | 84    | 1346755  | 24.01    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 96.04%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 410905   | 23.81    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 95.24%  |
| 37) Toluene-d8                 | 10.32  | 98    | 1204062  | 23.74    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 94.96%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 171969   | 23.75    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 95.00%  |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 198855   | 57.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 115.92% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 373743   | 26.58    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 106.32% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 409529   | 26.06    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 104.24% |

Target Compounds

|                            |       |     |        |       | Qvalue  |
|----------------------------|-------|-----|--------|-------|---------|
| 13) Acetone                | 4.12  | 43  | 26668  | 6.779 | ug/L 81 |
| 16) Methylene chloride     | 4.93  | 84  | 28605  | 1.805 | ug/L 95 |
| 22) cis-1,2-Dichloroethene | 7.17  | 96  | 10340m | 0.657 | ug/L 95 |
| 47) Tetrachloroethene      | 10.86 | 164 | 13614  | 1.054 | ug/L 95 |

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

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