

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW050719\  
Quantitation Report (QT/LSC Reviewed)

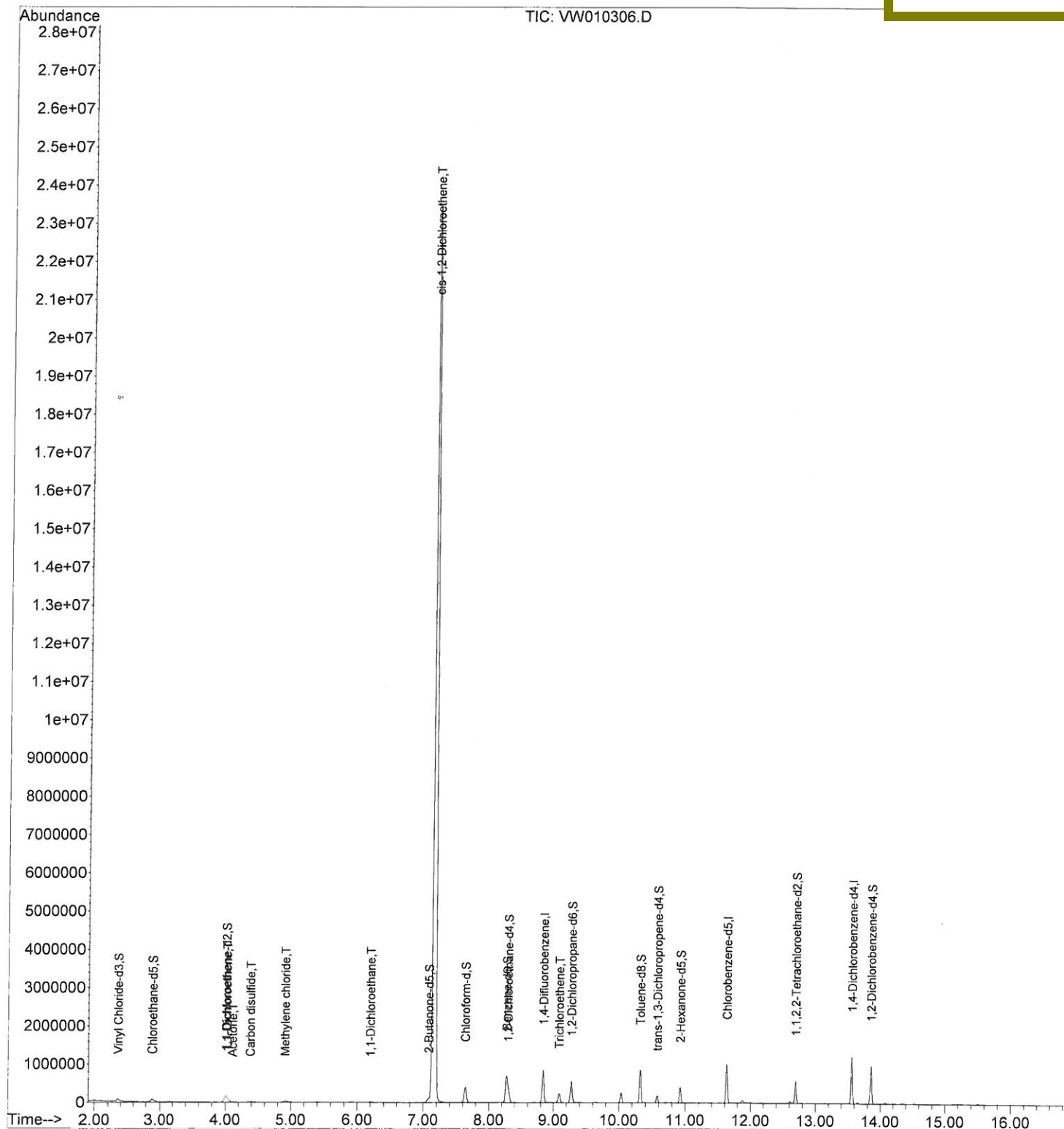
Data File : VW010306.D  
Acq On : 07 May 2019 18:58  
Operator : SY/VA  
Sample : K2690-10  
Misc : 5.44G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
Client Sampled :  
A5156

Quant Time: May 08 06:41:29 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM050719S.M  
Quant Title : VOC Analysis  
QLast Update : Wed May 08 02:05:40 2019  
Response via : Initial Calibration

Manual Integrations  
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# Quantitation Report (Qedit)

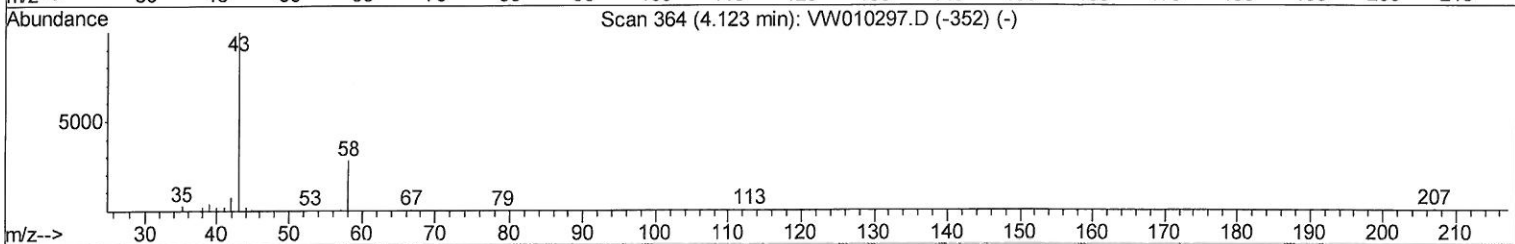
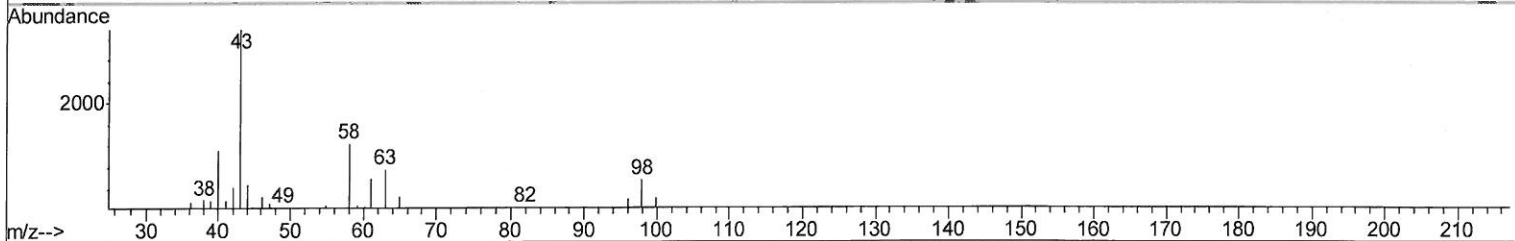
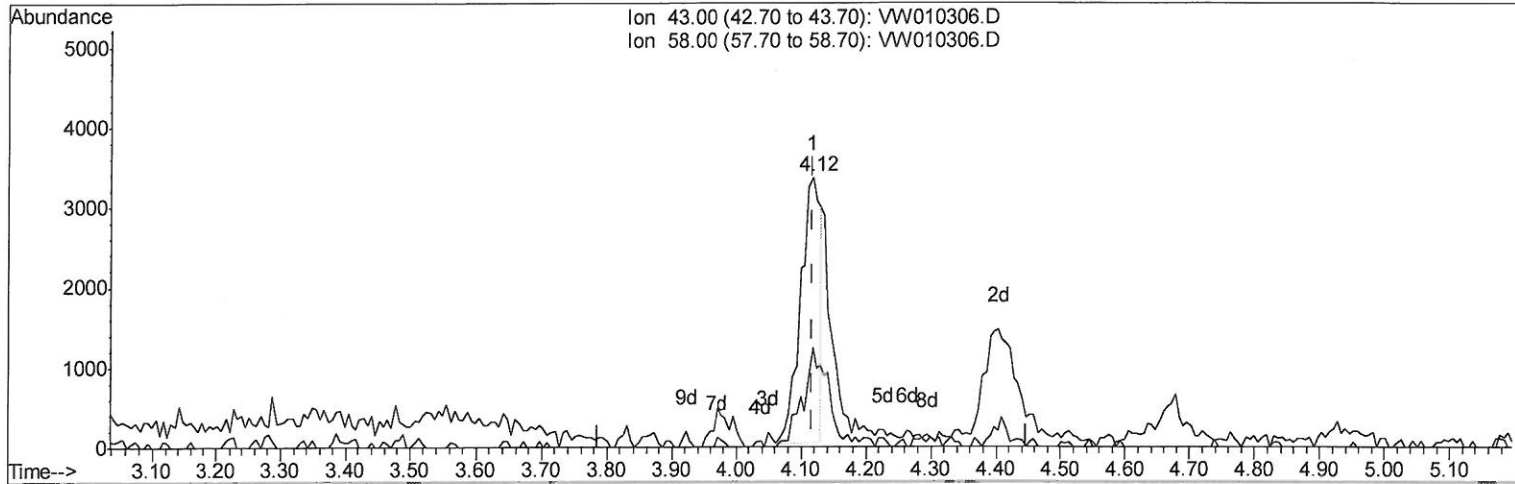
Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW050719\  
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Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A5156

Quant Time: May 08 04:39:22 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM050719S.M  
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TIC: VW010306.D

(13) Acetone (T)

4.117min (+0.000) 2.32ug/L

response 7046

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 43.00 | 100   | 100   |
| 58.00 | 27.60 | 35.00 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

# Quantitation Report (Qedit)

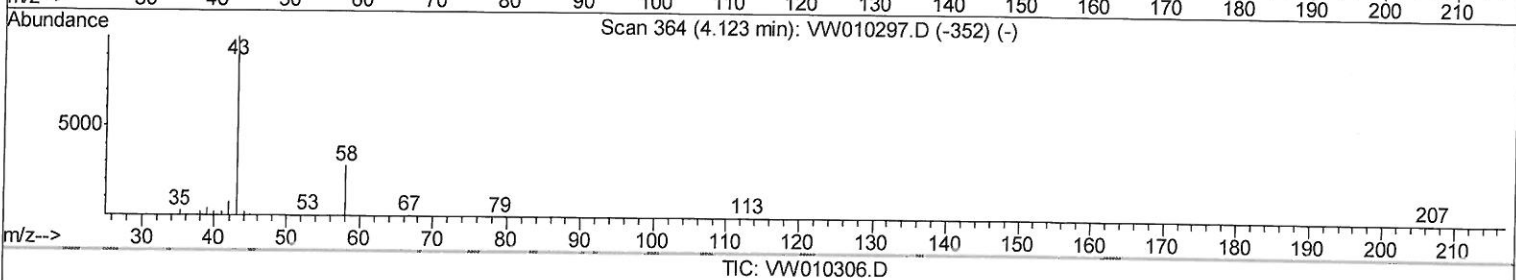
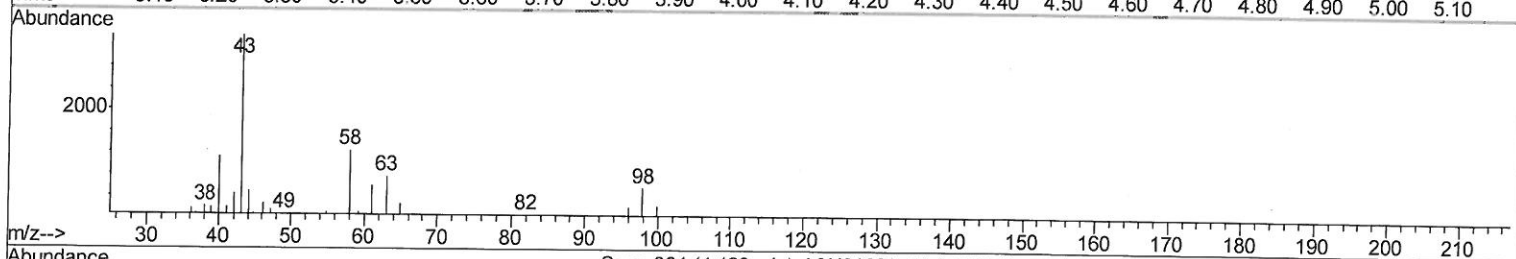
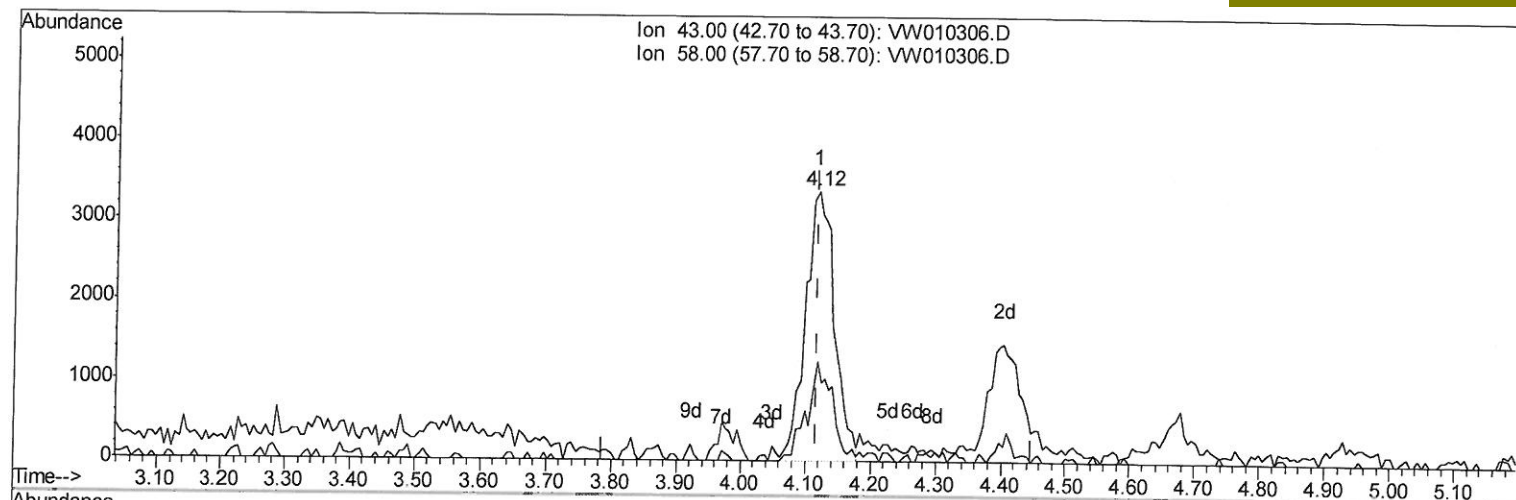
Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW050719\  
 Data File : VW010306.D  
 Acq On : 07 May 2019 18:58  
 Operator : SY/VA  
 Sample : K2690-10  
 Misc : 5.44G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A5156

Quant Time: May 08 04:39:22 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM050719S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed May 08 02:05:40 2019  
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Manual Integrations  
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(13) Acetone (T)

4.117min (+0.000) 3.42ug/L m

response 10391

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 43.00 | 100   | 100   |
| 58.00 | 27.60 | 23.73 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

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# Quantitation Report (Qedit)

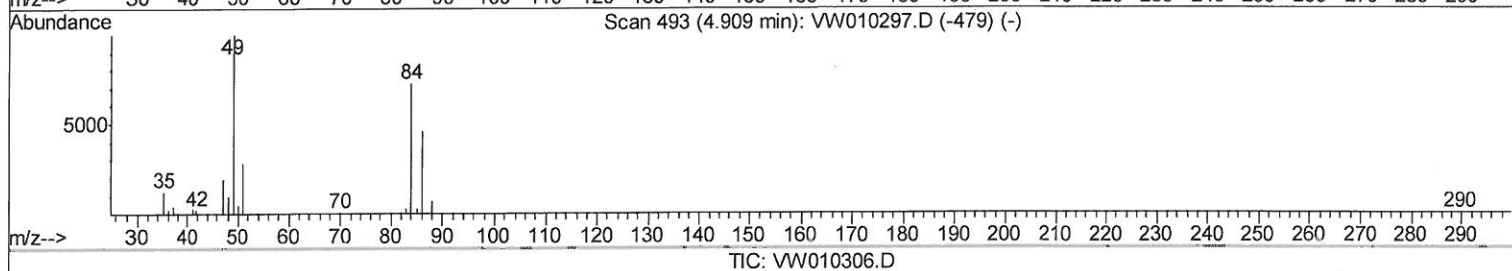
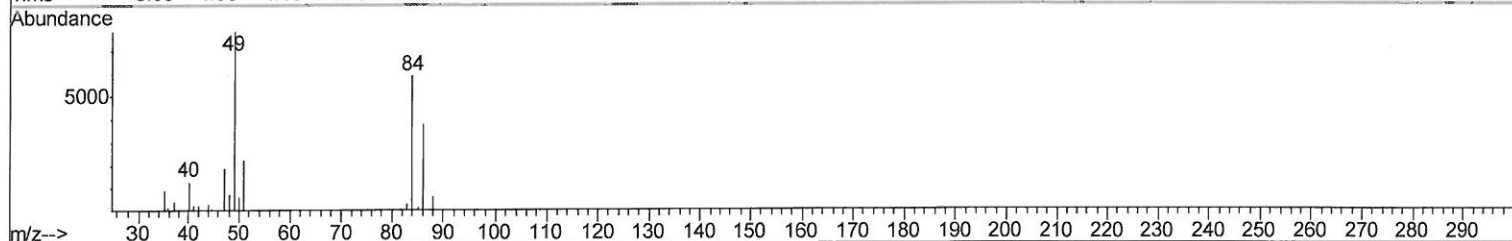
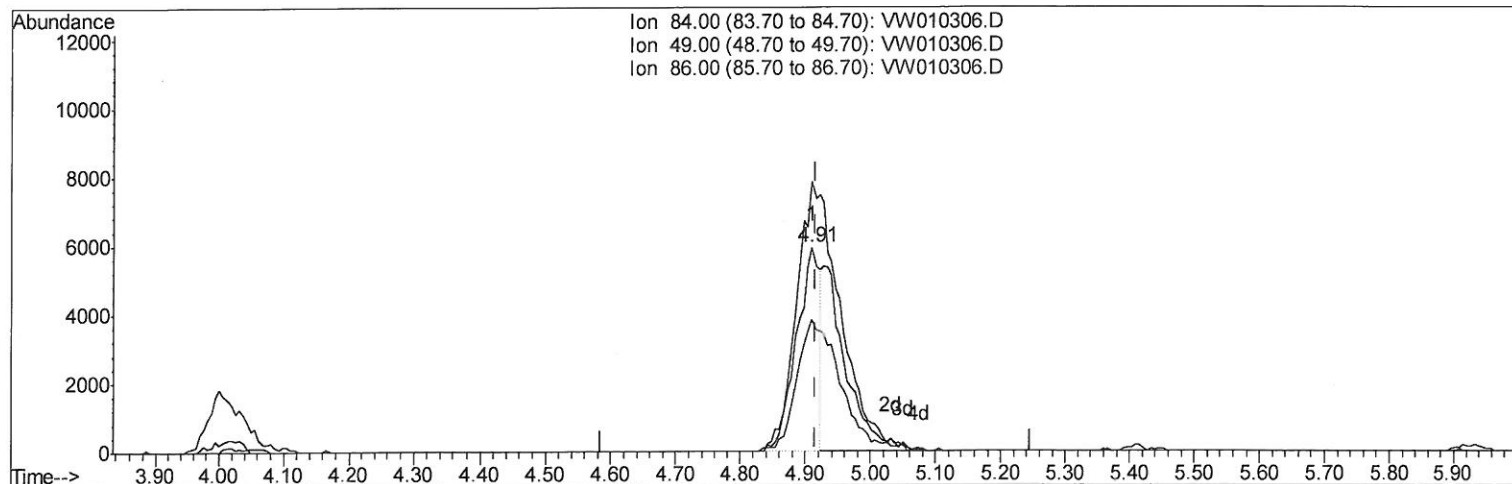
Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW050719\  
 Data File : VW010306.D  
 Acq On : 07 May 2019 18:58  
 Operator : SY/VA  
 Sample : K2690-10  
 Misc : 5.44G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 A5156

Quant Time: May 08 04:39:22 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM050719S.M  
 Quant Title : VOC Analysis  
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Manual Integrations  
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(16) Methylene chloride (T)

4.909min (-0.006) 1.62ug/L

response 14440

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100    | 100    |
| 49.00 | 134.90 | 132.48 |
| 86.00 | 62.60  | 64.38  |
| 0.00  | 0.00   | 0.00   |



# Quantitation Report (Qedit)

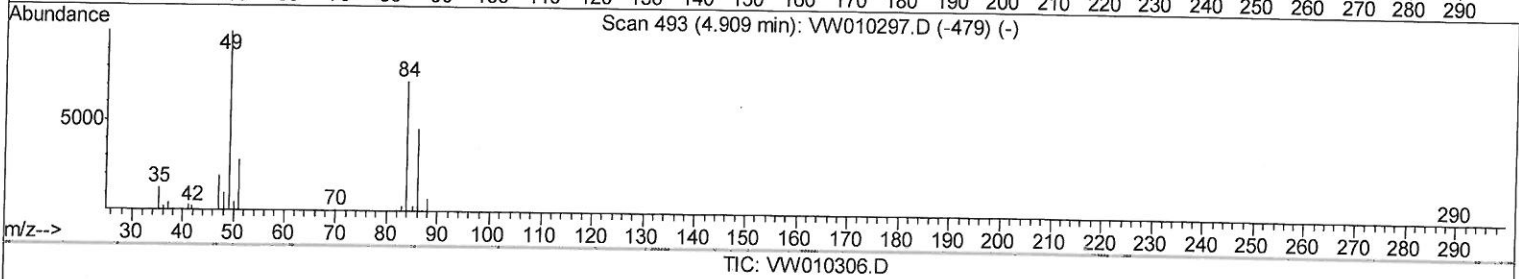
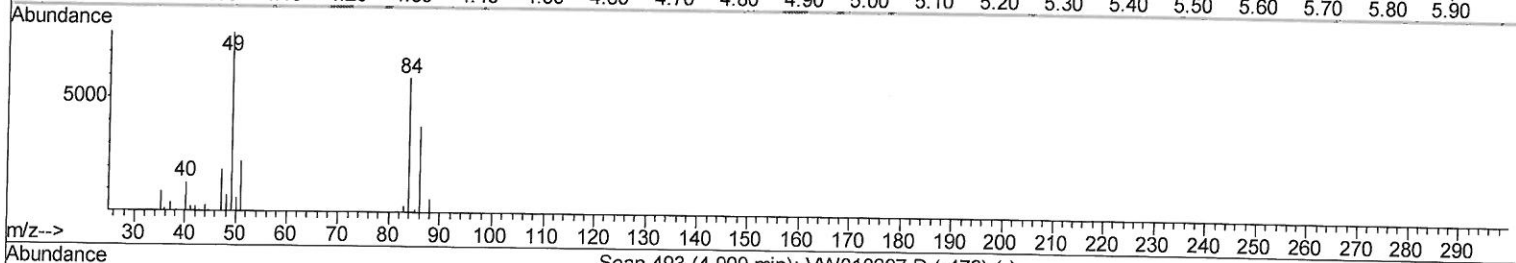
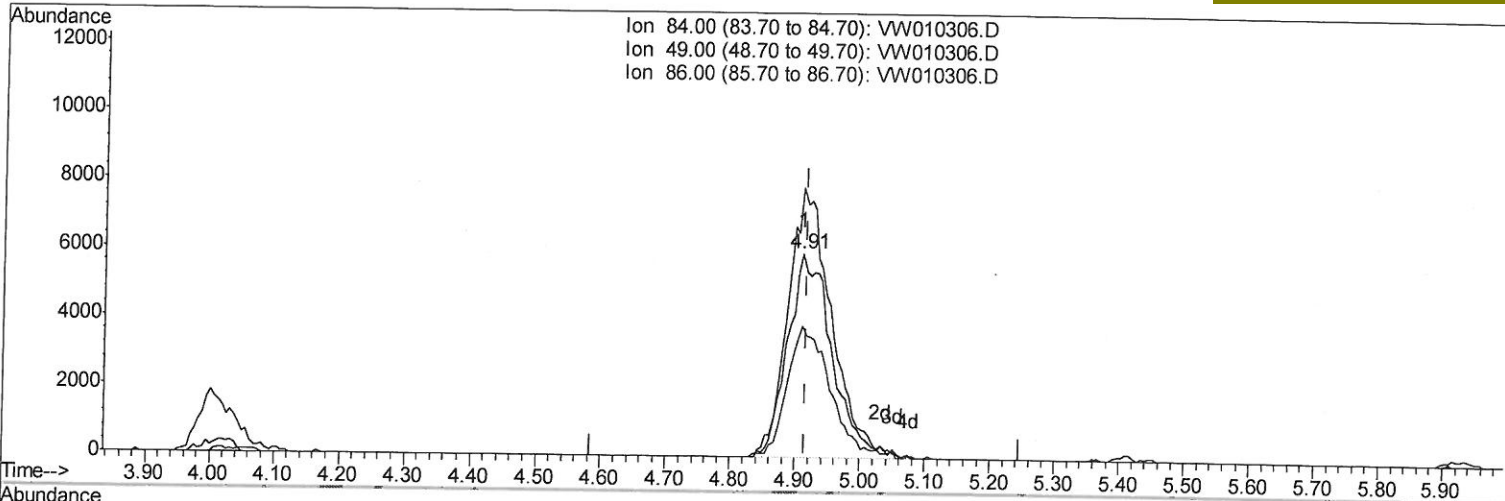
Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW050719\  
 Data File : VW010306.D  
 Acq On : 07 May 2019 18:58  
 Operator : SY/VA  
 Sample : K2690-10  
 Misc : 5.44G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 Client Sampled :  
 A5156

Quant Time: May 08 04:39:22 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM050719S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed May 08 02:05:40 2019  
 Response via : Initial Calibration

Manual Integrations  
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(16) Methylene chloride (T)

4.909min (-0.006) 3.17ug/L m

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response 28232

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100    | 100    |
| 49.00 | 134.90 | 132.48 |
| 86.00 | 62.60  | 64.38  |
| 0.00  | 0.00   | 0.00   |

# Quantitation Report (Qedit)

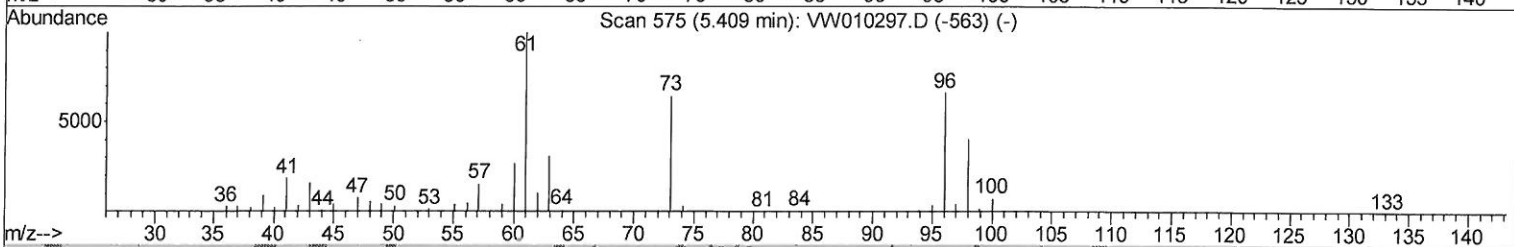
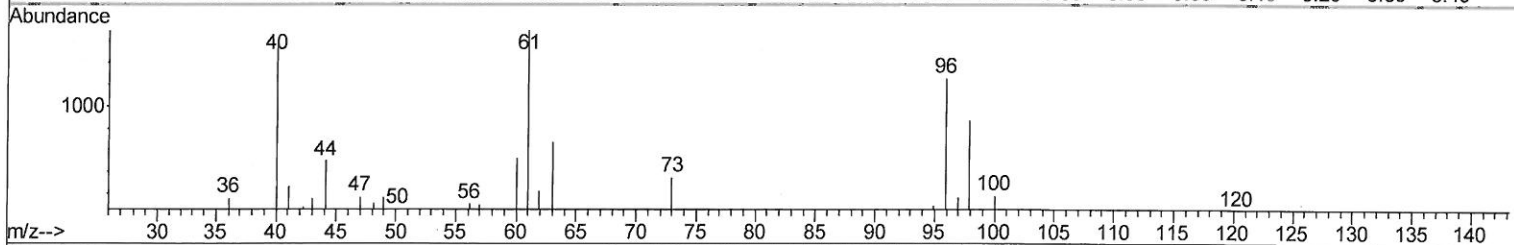
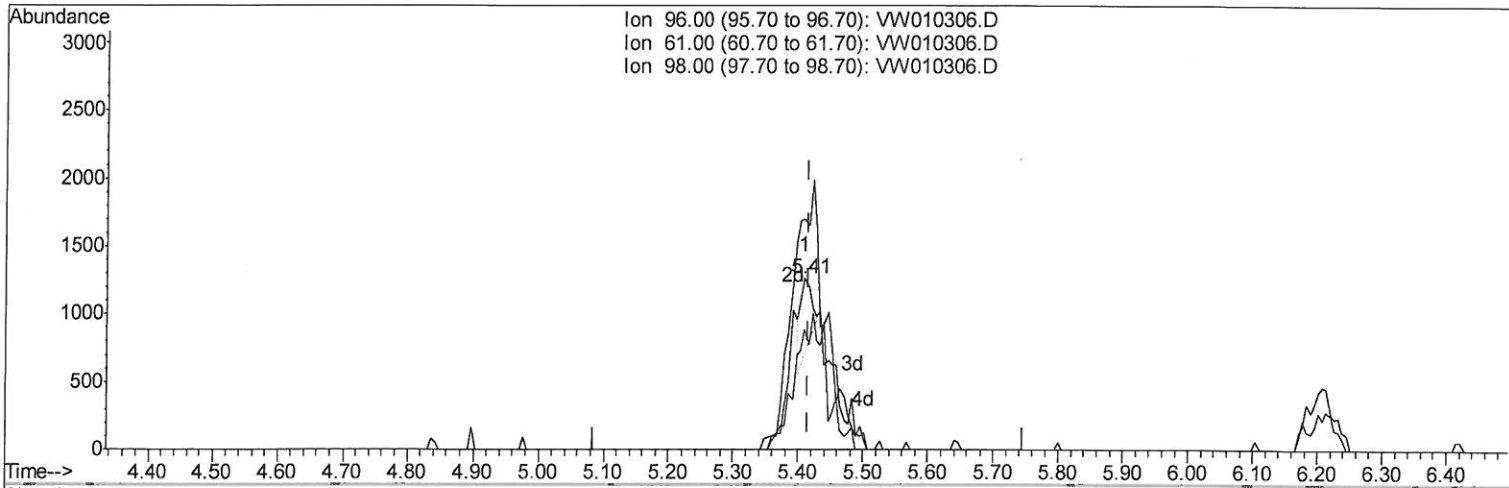
Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW050719\  
 Data File : VW010306.D  
 Acq On : 07 May 2019 18:58  
 Operator : SY/VA  
 Sample : K2690-10  
 Misc : 5.44G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A5156

Quant Time: May 08 04:39:22 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM050719S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed May 08 02:05:40 2019  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

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TIC: VW010306.D

(18) trans-1,2-Dichloroethene (T)

5.409min (-0.006) 0.07ug/L

response 666

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100    | 100    |
| 61.00 | 148.20 | 134.44 |
| 98.00 | 62.30  | 69.75  |
| 0.00  | 0.00   | 0.00   |

# Quantitation Report (Qedit)

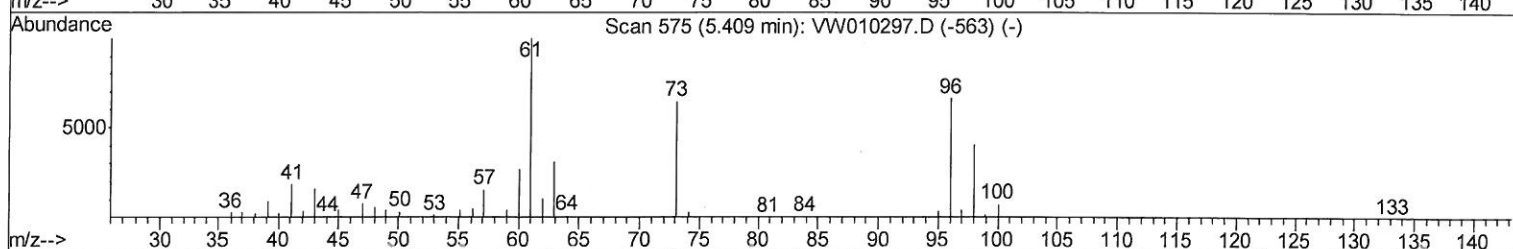
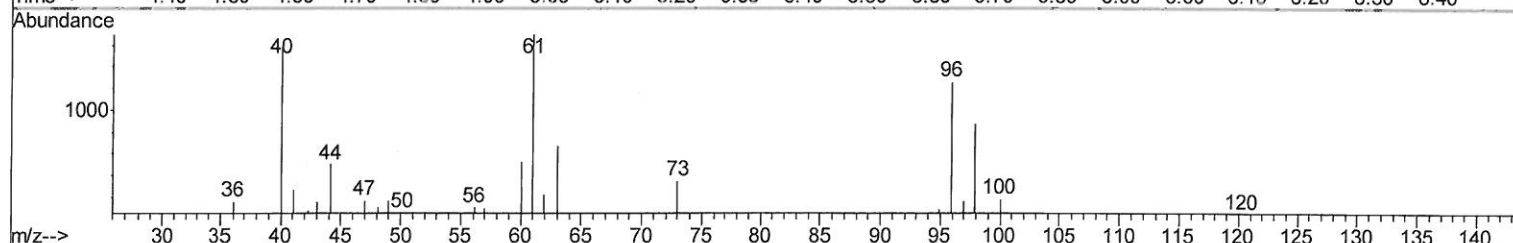
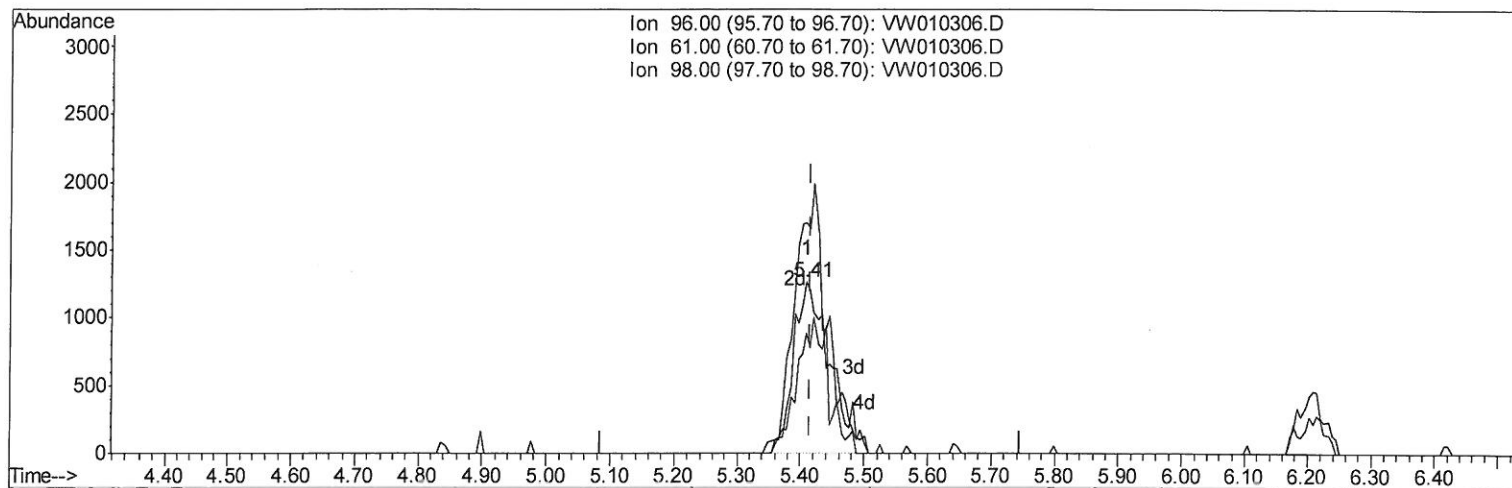
Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW050719\  
 Data File : VW010306.D  
 Acq On : 07 May 2019 18:58  
 Operator : SY/VA  
 Sample : K2690-10  
 Misc : 5.44G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A5156

Quant Time: May 08 04:39:22 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM050719S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed May 08 02:05:40 2019  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

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 5/10/2019 6:02:45 PM



TIC: VW010306.D

(18) trans-1,2-Dichloroethene (T)

5.409min (-0.006) 0.55ug/L m

response 5094

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100    | 100    |
| 61.00 | 148.20 | 134.44 |
| 98.00 | 62.30  | 69.75  |
| 0.00  | 0.00   | 0.00   |

05/09/19 Sy



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW050719\  
Quantitation Report (QT/LSC Reviewed)

Data File : VW010306.D  
Acq On : 07 May 2019 18:58  
Operator : SY/VA  
Sample : K2690-10  
Misc : 5.44G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
Client Sampled :  
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Quant Time: May 08 06:41:29 2019  
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| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 658282   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 555372   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 303441   | 25.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 130337   | 17.01    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 68.04%   |
| 7) Chloroethane-d5             | 2.89   | 69    | 108958   | 16.99    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 67.96%   |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 206405   | 10.81    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 43.24%#  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 192289   | 54.15    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 108.30%  |
| 24) Chloroform-d               | 7.64   | 84    | 381792   | 21.78    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 87.12%   |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 222045   | 21.39    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 85.56%   |
| 29) Benzene-d6                 | 8.27   | 84    | 708590   | 23.49    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 93.96%   |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 253076   | 27.44    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 109.76%  |
| 37) Toluene-d8                 | 10.32  | 98    | 553000   | 20.56    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 82.24%   |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 96503    | 22.89    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 91.56%   |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 127420   | 54.07    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 108.14%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 272865   | 31.11    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 124.44%# |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 259523   | 25.06    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 100.24%  |

#### Target Compounds

|                            |      |    |          | Qvalue        |     |
|----------------------------|------|----|----------|---------------|-----|
| 12) 1,1-Dichloroethene     | 4.03 | 96 | 30491    | 3.412 ug/L    | # 1 |
| 13) Acetone                | 4.12 | 43 | 10391m   | 3.420 ug/L    |     |
| 14) Carbon disulfide       | 4.38 | 76 | 27767    | 1.015 ug/L    |     |
| 16) Methylene chloride     | 4.91 | 84 | 28232m   | 3.168 ug/L    |     |
| 19) 1,1-Dichloroethane     | 6.20 | 63 | 10635    | 0.602 ug/L    | 89  |
| 22) cis-1,2-Dichloroethene | 7.16 | 96 | 14067122 | 1477.745 ug/L | 97  |
| 35) Trichloroethene        | 9.09 | 95 | 78290    | 8.692 ug/L    | 95  |

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