

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW100218\

Data File : VW005793.D

Acq On : 02 Oct 2018 23:52

Operator : SY/AP

Sample : J5182-06

Misc : 4.40G/10ML/MSVOA W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 17 11:20:17 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM092818S.M

Quant Title : VOC Analysis

QLast Update : Wed Oct 03 08:01:39 2018

Response via : Initial Calibration

Instrument :

MSVOA\_W

ClientSampled :

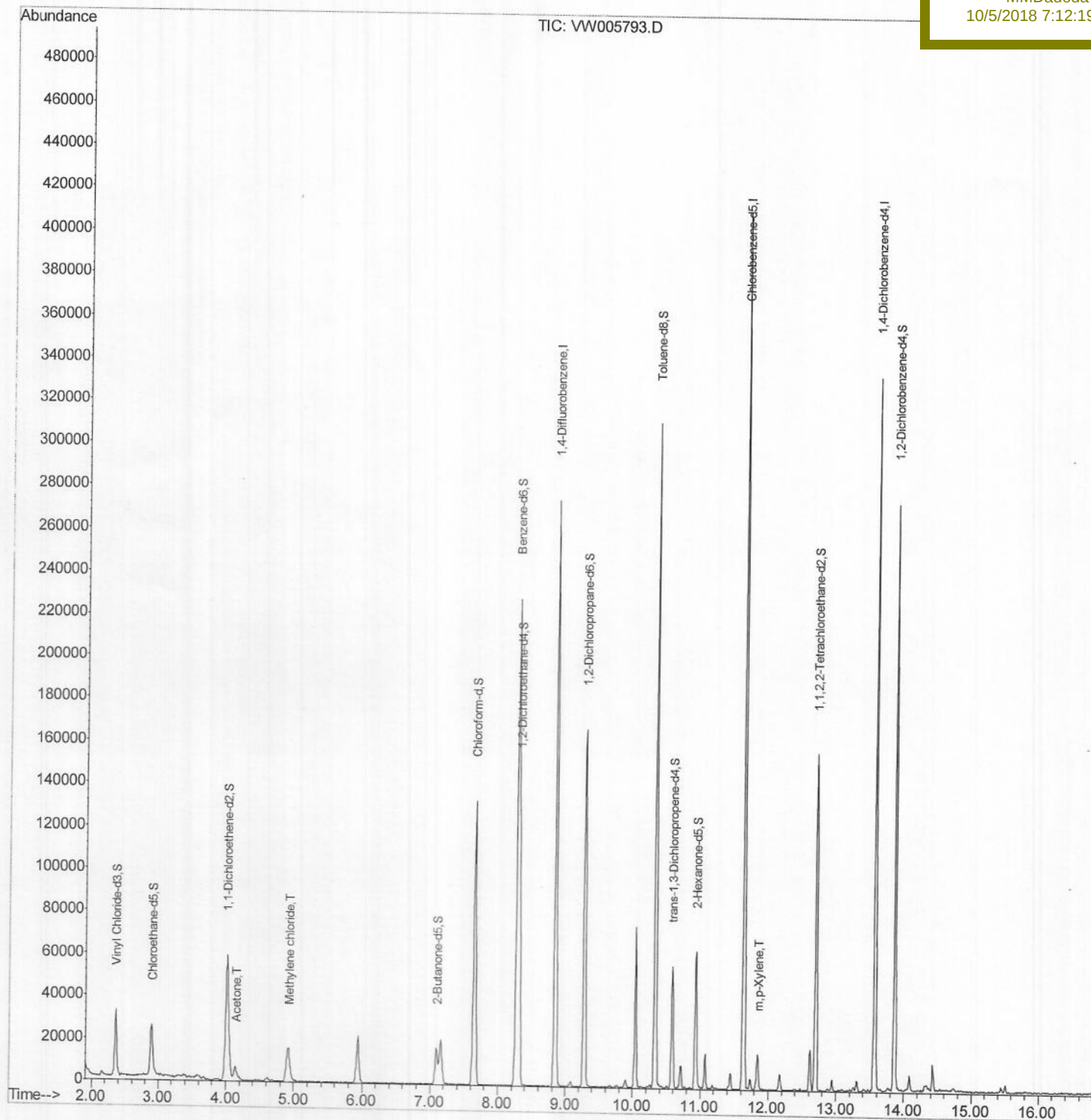
JLC55

Manual Integrations

APPROVED

MMDadoda

10/5/2018 7:12:19 PM



# Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW100218\

Data File : VW005793.D

Acq On : 02 Oct 2018 23:52

Operator : SY/AP

Sample : J5182-06

Misc : 4.40G/105ML/MSVOA W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 03 08:12:31 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM092818S.M

Quant Title : VOC Analysis

QLast Update : Wed Oct 03 08:01:39 2018

Response via : Initial Calibration

Instrument :

MSVOA\_W

ClientSampled :

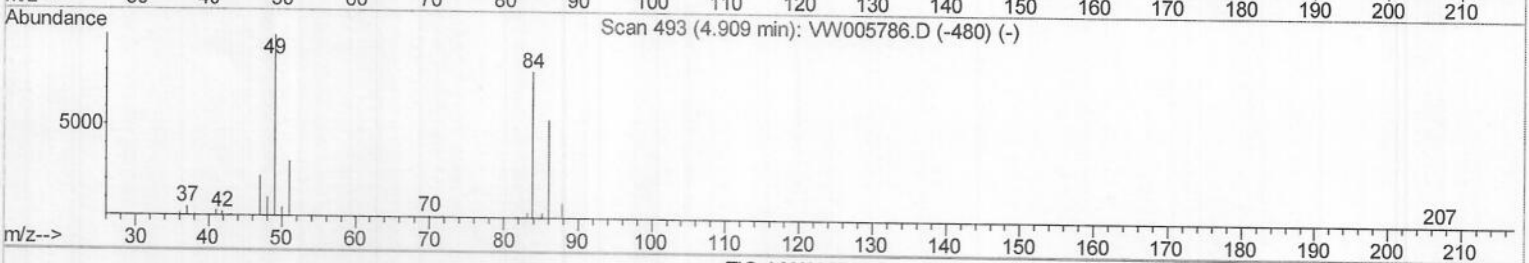
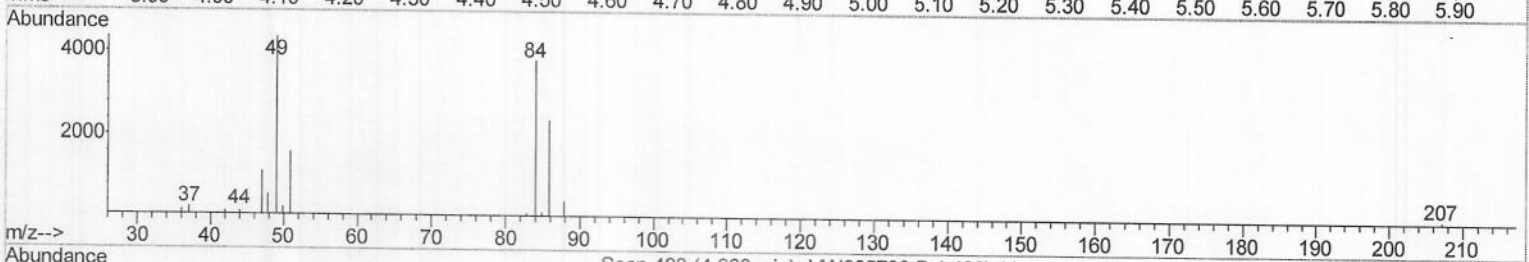
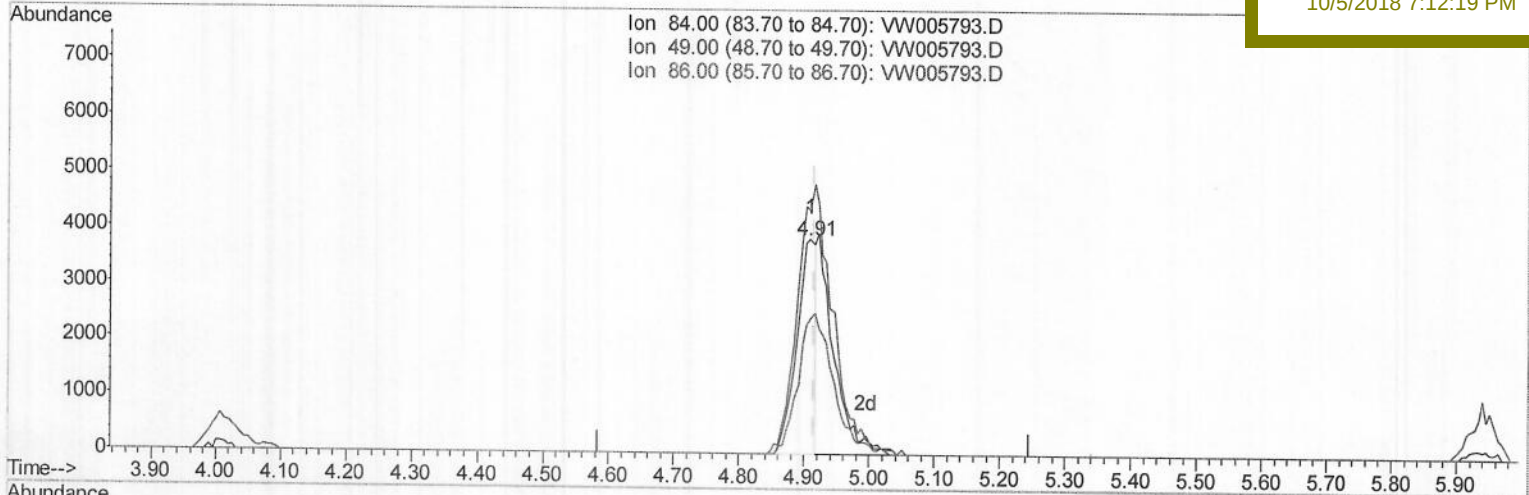
JLC55

Manual Integrations

APPROVED

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10/5/2018 7:12:19 PM



(16) Methylene chloride (T)

4.909min (-0.006) 2.07ug/L

response 7510

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100    | 100    |
| 49.00 | 124.60 | 113.88 |
| 86.00 | 61.70  | 62.41  |
| 0.00  | 0.00   | 0.00   |

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Operator : SY/AP

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Misc : 4.40G/105ML/MSVOA W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 03 08:12:31 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM092818S.M

Quant Title : VOC Analysis

QLast Update : Wed Oct 03 08:01:39 2018

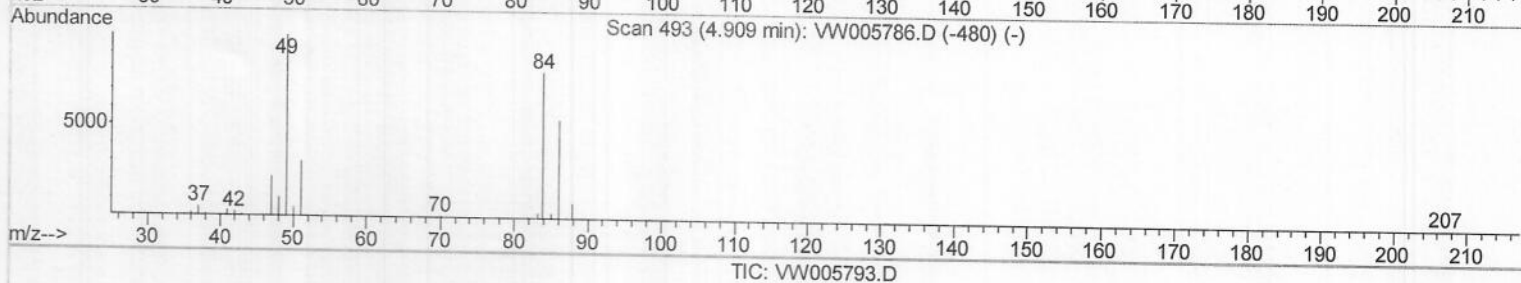
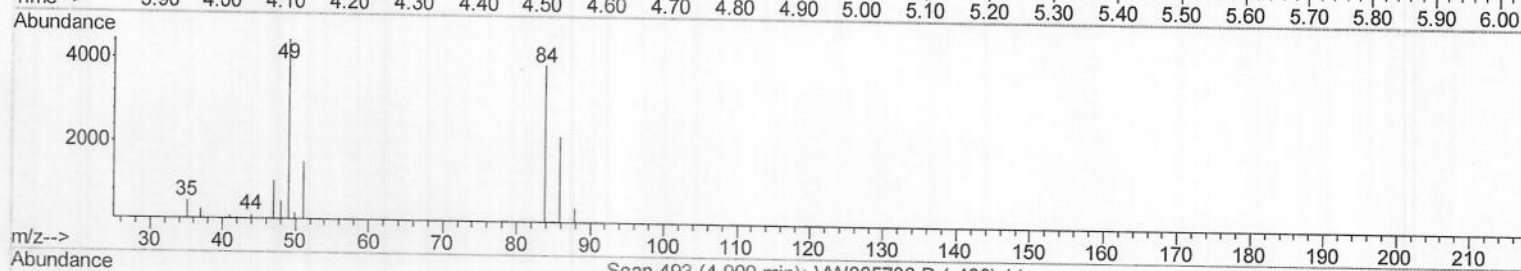
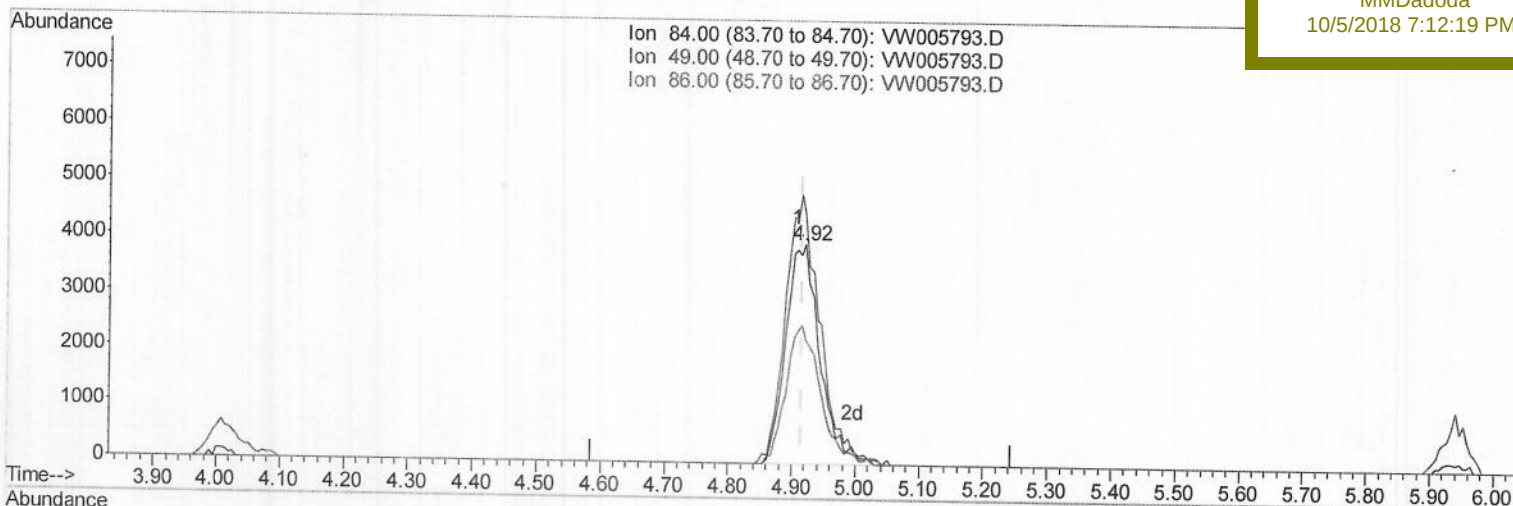
Response via : Initial Calibration

Instrument :

MSVOA\_W

Client Sampled :

JLC55

Manual Integrations  
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10/5/2018 7:12:19 PM

(16) Methylene chloride (T)

4.921min (+0.006) 4.06ug/L m

response 14725

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100    | 100    |
| 49.00 | 124.60 | 113.66 |
| 86.00 | 61.70  | 56.88  |
| 0.00  | 0.00   | 0.00   |

M.D  
10/05/18

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW100218\  
 Data File : VW005793.D  
 Acq On : 02 Oct 2018 23:52  
 Operator : SY/AP  
 Sample : J5182-06  
 Misc : 4.40G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 17 11:20:17 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM092818S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Oct 03 08:01:39 2018  
 Response via : Initial Calibration

Instrument :  
 MSVOA\_W  
 Client Sampled :  
 JLC55

Manual Integrations  
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 10/5/2018 7:12:19 PM

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 220219   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 224511   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 87507    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |                |     |            |         |      |      |
|--------------------------------|----------------|-----|------------|---------|------|------|
| 4) Vinyl Chloride-d3           | 2.35           | 65  | 38706      | 13.79   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 150 |     | Recovery = | 55.16%  |      |      |
| 7) Chloroethane-d5             | 2.89           | 69  | 35236      | 16.09   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 150 |     | Recovery = | 64.36%  |      |      |
| 10) 1,1-Dichloroethene-d2      | 4.01           | 63  | 71666      | 11.69   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 45 - 110 |     | Recovery = | 46.76%  |      |      |
| 20) 2-Butanone-d5              | 7.09           | 46  | 27975      | 31.04   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 20 - 135 |     | Recovery = | 62.08%  |      |      |
| 24) Chloroform-d               | 7.65           | 84  | 133175     | 23.54   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 40 - 150 |     | Recovery = | 94.16%  |      |      |
| 26) 1,2-Dichloroethane-d4      | 8.31           | 65  | 88886      | 25.94   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 70 - 130 |     | Recovery = | 103.76% |      |      |
| 29) Benzene-d6                 | 8.28           | 84  | 224359     | 20.19   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 20 - 135 |     | Recovery = | 80.76%  |      |      |
| 33) 1,2-Dichloropropane-d6     | 9.28           | 67  | 72865      | 22.68   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 70 - 120 |     | Recovery = | 90.72%  |      |      |
| 37) Toluene-d8                 | 10.33          | 98  | 207287     | 18.89   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 130 |     | Recovery = | 75.56%  |      |      |
| 38) trans-1,3-Dichloropropene- | 10.58          | 79  | 30807      | 18.26   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 30 - 135 |     | Recovery = | 73.04%  |      |      |
| 39) 2-Hexanone-d5              | 10.93          | 63  | 18389      | 24.45   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 20 - 135 |     | Recovery = | 48.90%  |      |      |
| 48) 1,1,2,2-Tetrachloroethane- | 12.70          | 84  | 75477      | 24.19   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 45 - 120 |     | Recovery = | 96.76%  |      |      |
| 61) 1,2-Dichlorobenzene-d4     | 13.86          | 152 | 72124      | 23.29   | ug/L | 0.00 |
| Spiked Amount 25.000           | Range 75 - 120 |     | Recovery = | 93.16%  |      |      |

## Target Compounds

|                        |       |     |        |             | Ovalue |
|------------------------|-------|-----|--------|-------------|--------|
| 13) Acetone            | 4.14  | 43  | 11287  | 12.026 ug/L | 84     |
| 16) Methylene chloride | 4.92  | 84  | 14725m | 4.055 ug/L  |        |
| 54) m,p-Xylene         | 11.84 | 106 | 4671   | 0.764 ug/L  | 77     |

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