

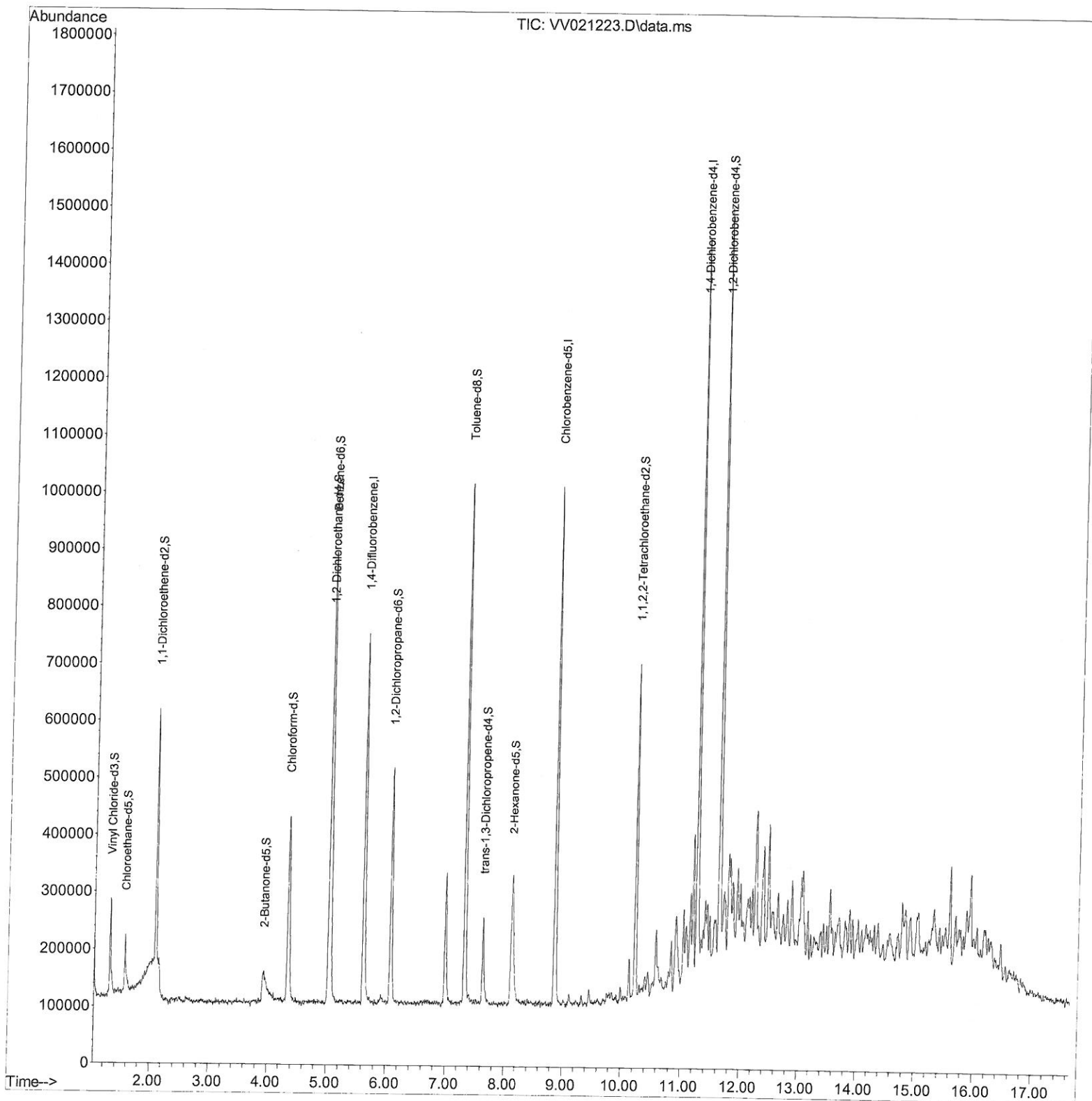
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW042921\  
Data File : VW021223.D  
Acq On : 29 Apr 2021 16:17  
Operator : SY/MD  
Sample : M2177-05ME  
Misc : 5.49g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BG582ME

Manual Integrations  
APPROVED

MMDadoda  
4/30/2021 3:50:39 PM

Quant Time: Apr 30 05:57:20 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM042121WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Apr 30 05:55:34 2021  
Response via : Initial Calibration



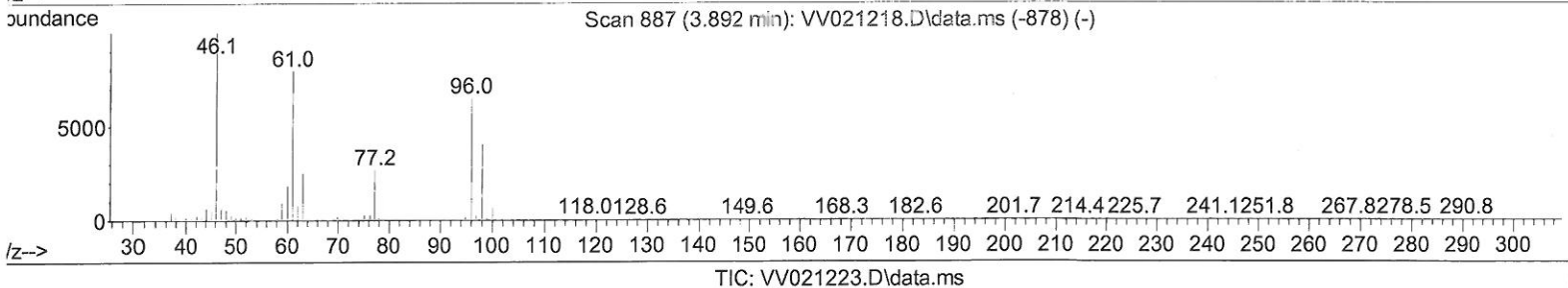
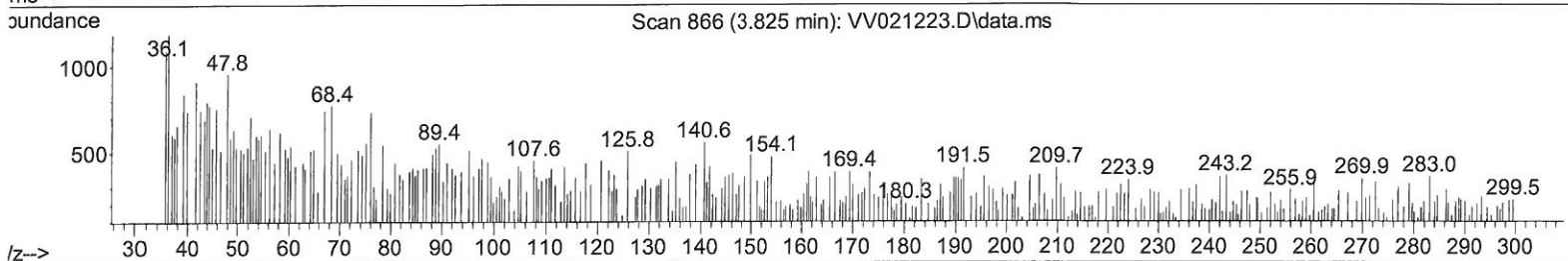
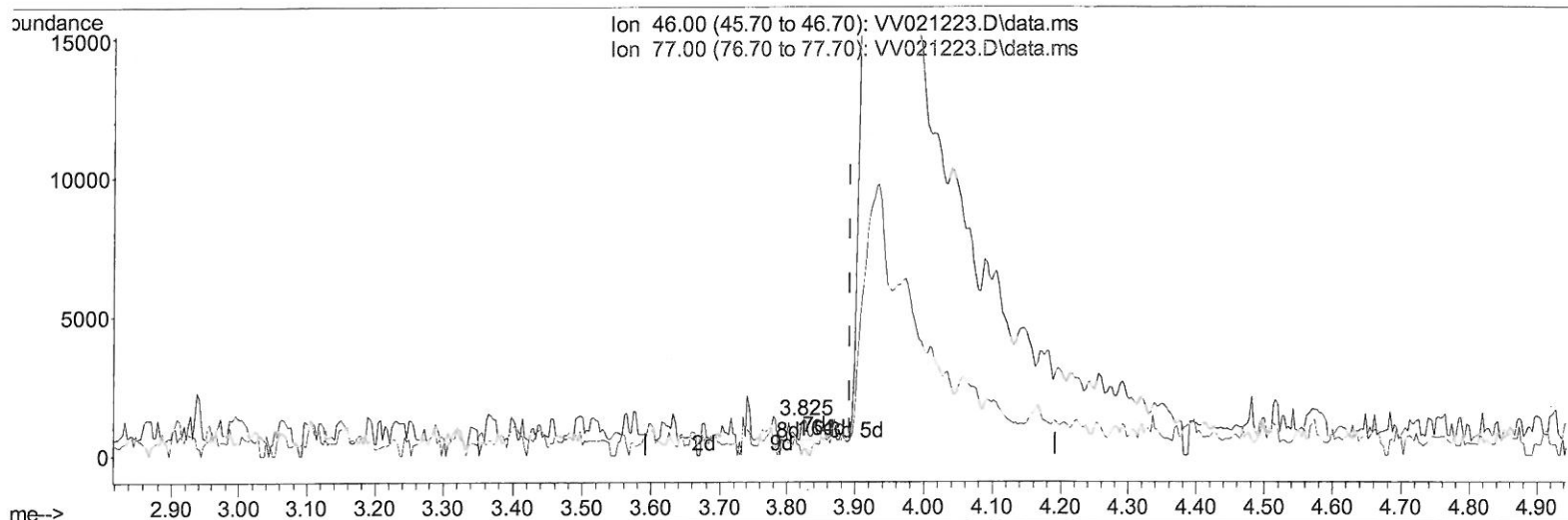
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV042921\  
 Data File : VV021223.D  
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 Operator : SY/MD  
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(21) 2-Butanone-d5 (S)

3.825min (-0.068) 0.19 ug/L

response 454

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 25.60  | 19.82  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

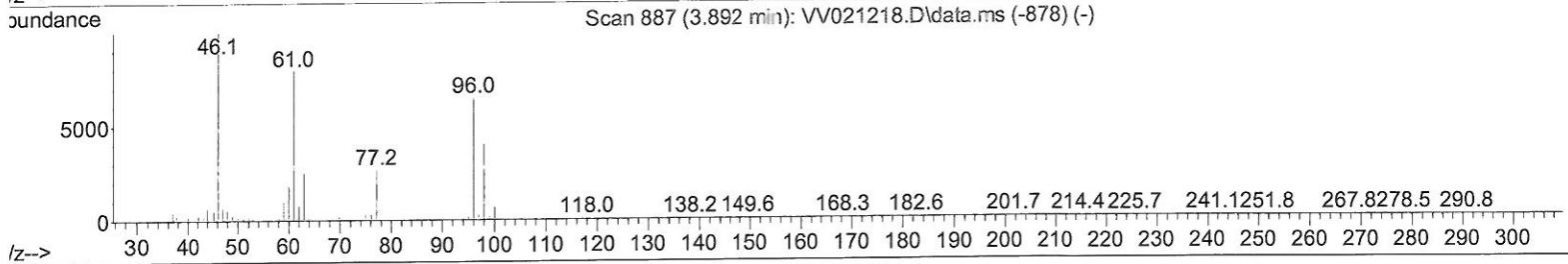
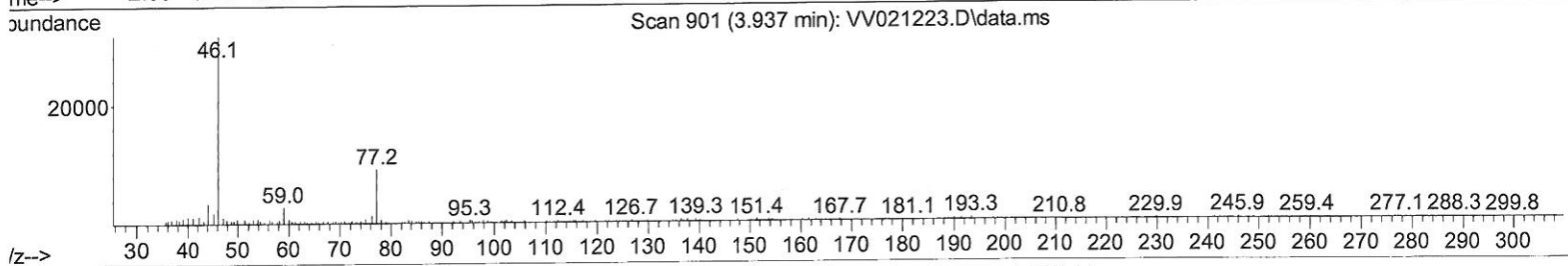
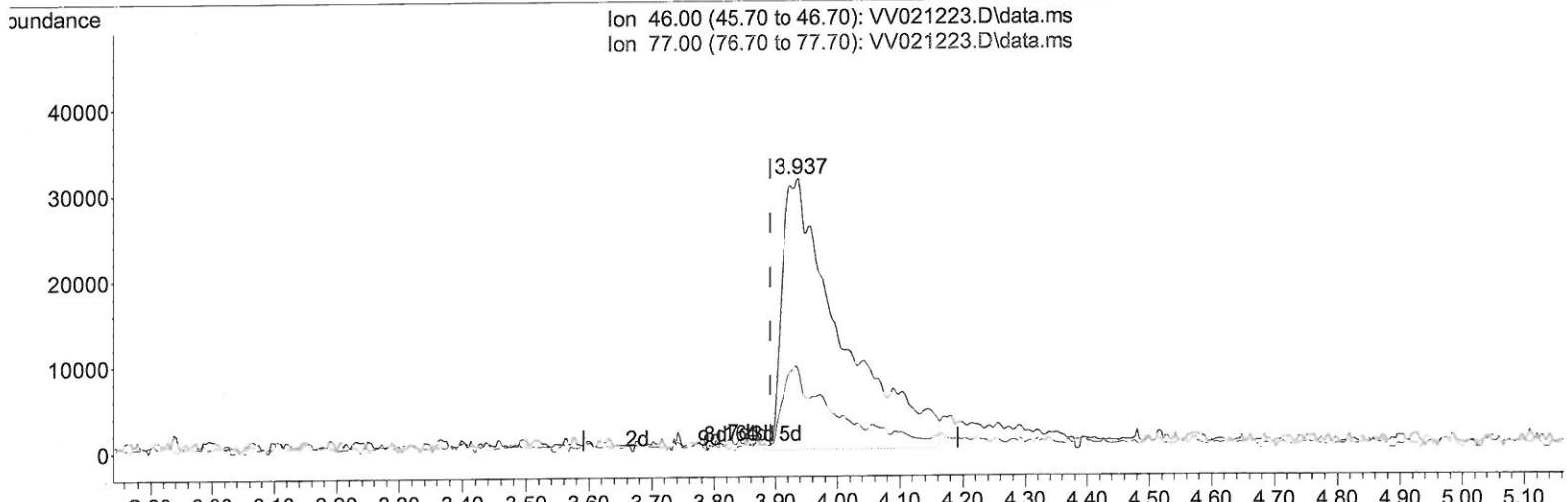
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV042921\  
 Data File : VV021223.D  
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Instrument :  
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Manual Integrations  
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 Response via : Initial Calibration



TIC: VV021223.D\data.ms

(21) 2-Butanone-d5 (S)

3.937min (+ 0.045) 87.97 ug/L m

response 208711

Ion Exp% Act%

46.00 100.00 100.00

77.00 25.60 0.04#

0.00 0.00 0.00

0.00 0.00 0.00

*Handwritten:* 7 MB  
5/4/21

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV042921\  
 Data File : VV021223.D  
 Acq On : 29 Apr 2021 16:17  
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 Sample : M2177-05ME  
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Manual Integrations  
 APPROVED

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Quant Time: Apr 30 05:57:20 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM042121WMA.M  
 Quant Title : VOC Analysis  
 Last Update : Fri Apr 30 05:55:34 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc   | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|--------|-------|----------|
| -----                         |                |      |            |        |       |          |
| Internal Standards            |                |      |            |        |       |          |
| 1) 1,4-Difluorobenzene        | 5.619          | 114  | 591303     | 50.00  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.860          | 117  | 566430     | 50.00  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.259         | 152  | 331073     | 50.00  | ug/L  | 0.00     |
|                               |                |      |            |        |       |          |
| System Monitoring Compounds   |                |      |            |        |       |          |
| 4) Vinyl Chloride-d3          | 1.304          | 65   | 139321     | 28.67  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 57.34% | #     |          |
| 7) Chloroethane-d5            | 1.568          | 69   | 74911      | 20.96  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 41.92% | #     |          |
| 11) 1,1-Dichloroethene-d2     | 2.095          | 63   | 243330     | 27.15  | ug/L  | -0.01    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 54.30% | #     |          |
| 21) 2-Butanone-d5             | 3.937          | 46   | 208711m    | 87.97  | ug/L  | 0.04     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 87.97% |       |          |
| 24) Chloroform-d              | 4.349          | 84   | 350638     | 40.48  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 80.96% |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.034          | 65   | 269141     | 48.88  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 97.76% |       |          |
| 32) Benzene-d6                | 5.047          | 84   | 623062     | 41.30  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 82.60% |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.072          | 67   | 179209     | 39.80  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 79.60% |       |          |
| 41) Toluene-d8                | 7.320          | 98   | 611942     | 41.91  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 83.82% |       |          |
| 43) trans-1,3-Dichloroprop... | 7.629          | 79   | 108222     | 43.98  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 87.96% |       |          |
| 47) 2-Hexanone-d5             | 8.127          | 63   | 141479     | 79.22  | ug/L  | 0.04     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 79.22% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.233         | 84   | 249319     | 36.71  | ug/L  | 0.01     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 73.42% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.635         | 152  | 299308     | 45.77  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 91.54% |       |          |

7 m8  
 574/21

Target Compounds Qvalue

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