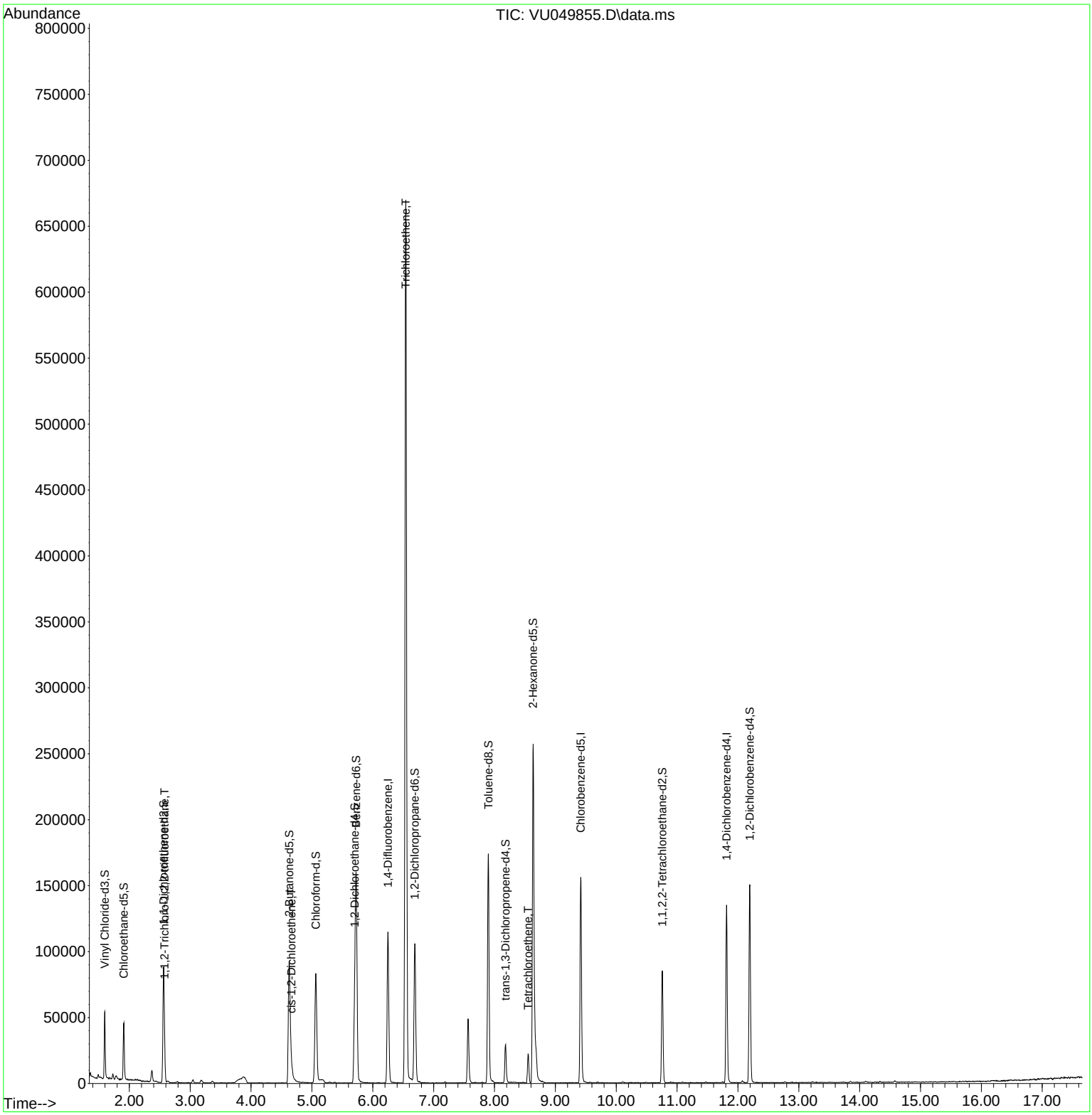
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072222\
Data File : VU049855.D
Acq On : 22 Jul 2022 17:24
Operator : SY/MD
Sample : N3802-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 23 02:35:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 23 01:04:38 2022
Response via : Initial Calibration

**Instrument :**
MSVOA_U
**ClientSampleId :**
GBHX9

**Manual IntegrationsAPPROVED**

Reviewed By :Mahesh Dadoda 07/25/2022
Supervised By :Semsettin Yesilyurt 07/25/2022



Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072222\
Data File : VU049855.D
Acq On : 22 Jul 2022 17:24
Operator : SY/MD
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 23 01:04:38 2022
Response via : Initial Calibration

**Instrument :**
MSVOA_U
**ClientSampleId :**
GBHX9

**Manual IntegrationsAPPROVED**

Reviewed By :Mahesh Dadoda 07/25/2022
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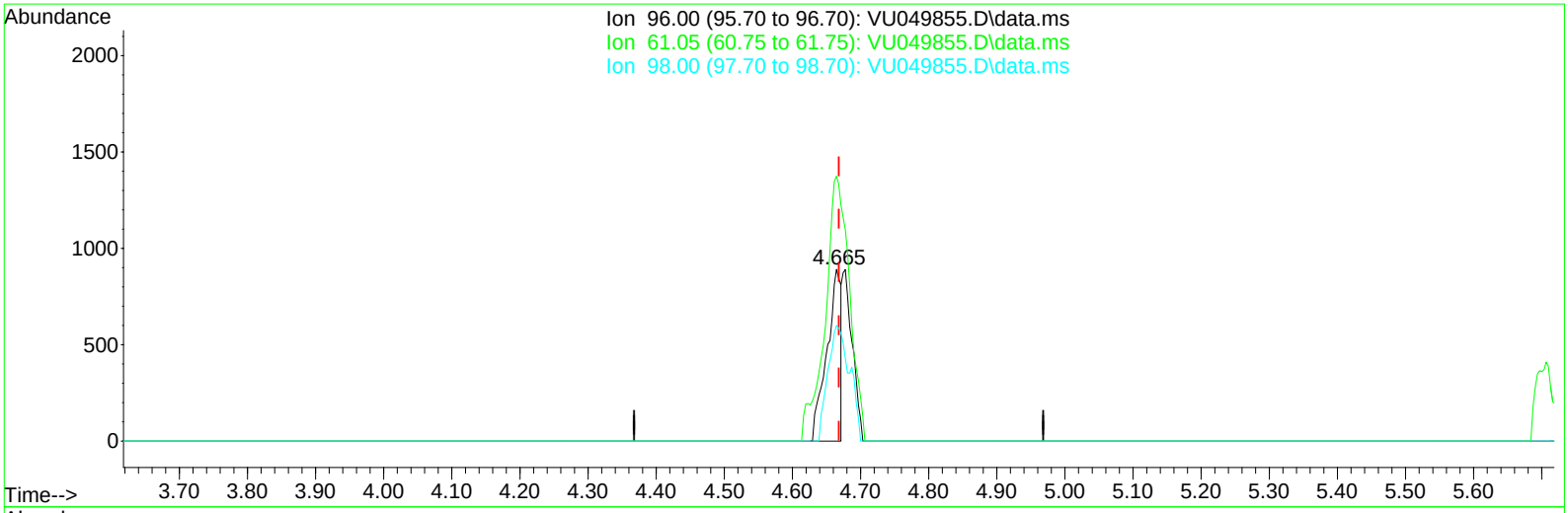
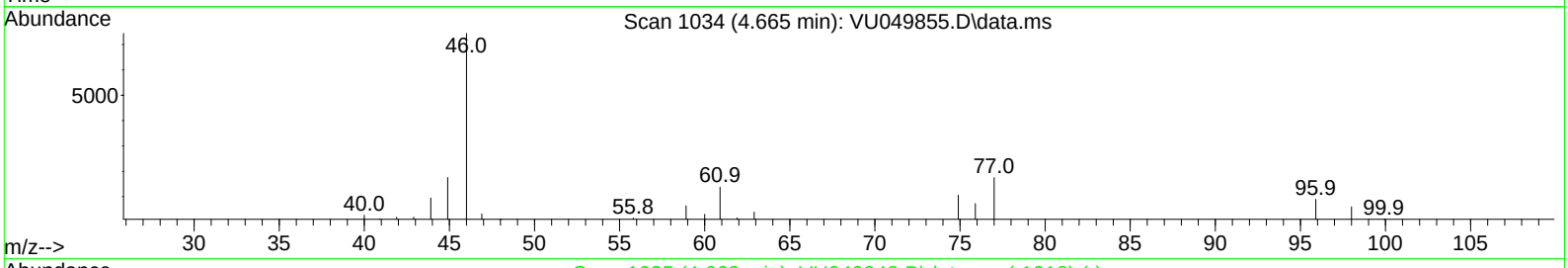
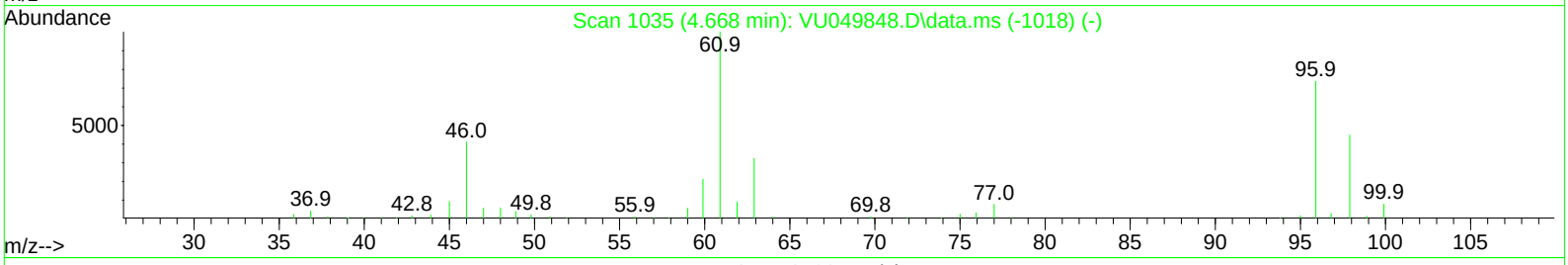



TIC: VU049855.D\data.ms

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

**4.665min (-0.003) 0.17 ug/L**

**response 1280**

| Ion | Exp% | Act% |
|---|---|---|
| 96.00 | 100.00 | 100.00 |
| 61.05 | 134.10 | 154.21 |
| 98.00 | 62.70 | 67.34 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

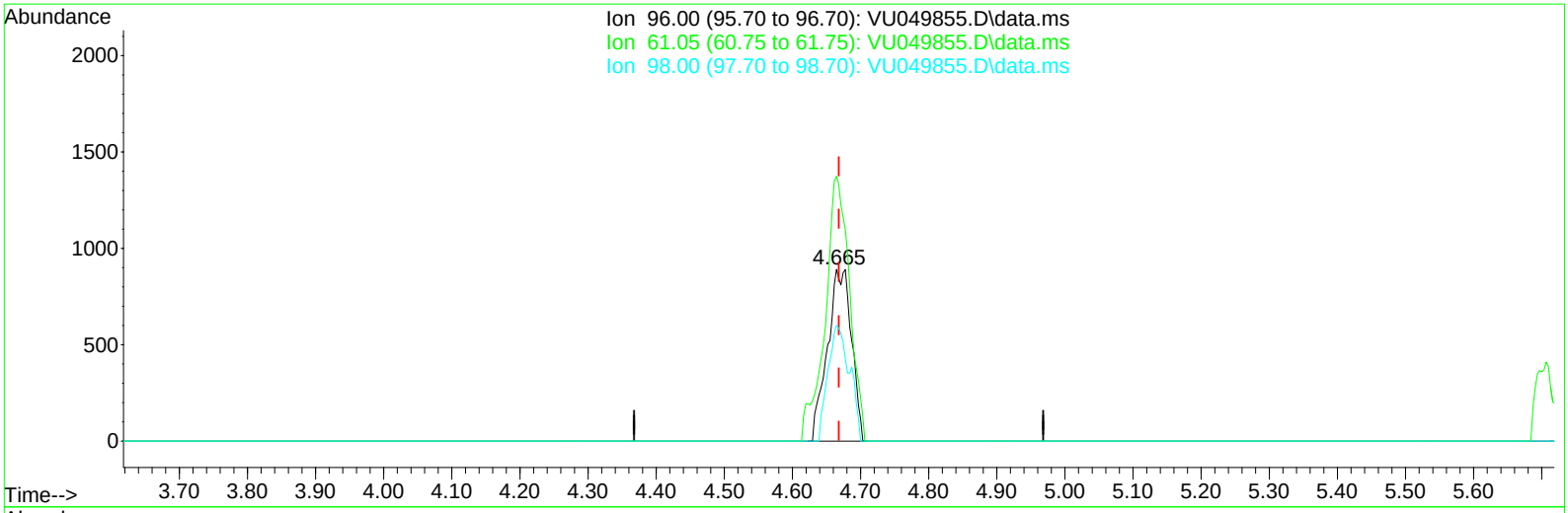
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072222\
Data File : VU049855.D
Acq On : 22 Jul 2022 17:24
Operator : SY/MD
Sample : N3802-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

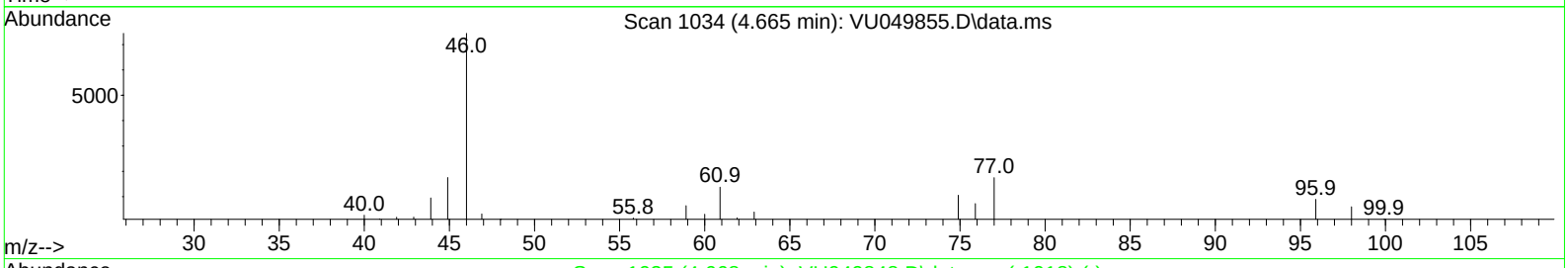
Quant Time: Jul 23 02:35:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 23 01:04:38 2022
Response via : Initial Calibration

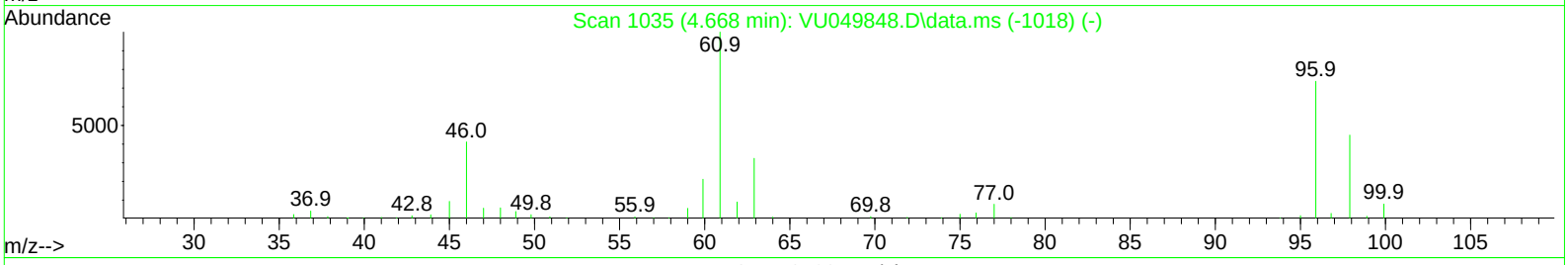
**Instrument :**
MSVOA_U
**ClientSampleId :**
GBHX9

**Manual IntegrationsAPPROVED**

Reviewed By :Mahesh Dadoda 07/25/2022
Supervised By :Semsettin Yesilyurt 07/25/2022




TIC: VU049855.D\data.ms

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

**4.665min (-0.003) 0.28 ug/L m**

**response 2187**

| Ion | Exp% | Act% |
|---|---|---|
| 96.00 | 100.00 | 100.00 |
| 61.05 | 134.10 | 154.21 |
| 98.00 | 62.70 | 67.34 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072222\
Data File : VU049855.D
Acq On : 22 Jul 2022 17:24
Operator : SY/MD
Sample : N3802-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jul 23 02:35:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 23 01:04:38 2022
Response via : Initial Calibration

**Instrument :**
MSVOA_U
**ClientSampleId :**
GBHX9

**Manual IntegrationsAPPROVED**

Reviewed By :Mahesh Dadoda 07/25/2022
Supervised By :Semsettin Yesilyurt 07/25/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 6.250 | 114 | 87146 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.417 | 117 | 82896 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.812 | 152 | 34301 | 5.000 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.594 | 65 | 34812 | 4.934 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 98.600% | | | |
| 7) Chloroethane-d5 | 1.909 | 69 | 30220 | 5.118 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 102.400% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.562 | 65 | 15246 | 4.842 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 96.800% | | | |
| 20) 2-Butanone-d5 | 4.626 | 46 | 135388 | 53.333 | ug/L | -0.01 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 106.660% | | | |
| 24) Chloroform-d | 5.063 | 84 | 75331 | 4.794 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 95.800% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.703 | 65 | 44909 | 4.874 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 97.400% | | | |
| 32) Benzene-d6 | 5.726 | 84 | 141148 | 4.997 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 100.000% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.690 | 67 | 49463 | 5.068 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 101.400% | | | |
| 41) Toluene-d8 | 7.899 | 98 | 114147 | 4.623 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 92.400% | | | |
| 43) trans-1,3-Dichloroprop... | 8.182 | 79 | 16727 | 4.721 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 94.400% | | | |
| 46) 2-Hexanone-d5 | 8.632 | 63 | 77933 | 55.510 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 111.020% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84 | 43550 | 5.314 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 106.200% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.195 | 152 | 38355 | 5.417 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 108.400% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.578 | 101 | 5125 | 0.901 | ug/L | 96 |
| 22) cis-1,2-Dichloroethene | 4.665 | 96 | 2187m | 0.284 | ug/L | |
| 34) Trichloroethene | 6.542 | 95 | 226975 | 31.121 | ug/L | 98 |
| 47) Tetrachloroethene | 8.552 | 164 | 4433 | 0.883 | ug/L | 94 |

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