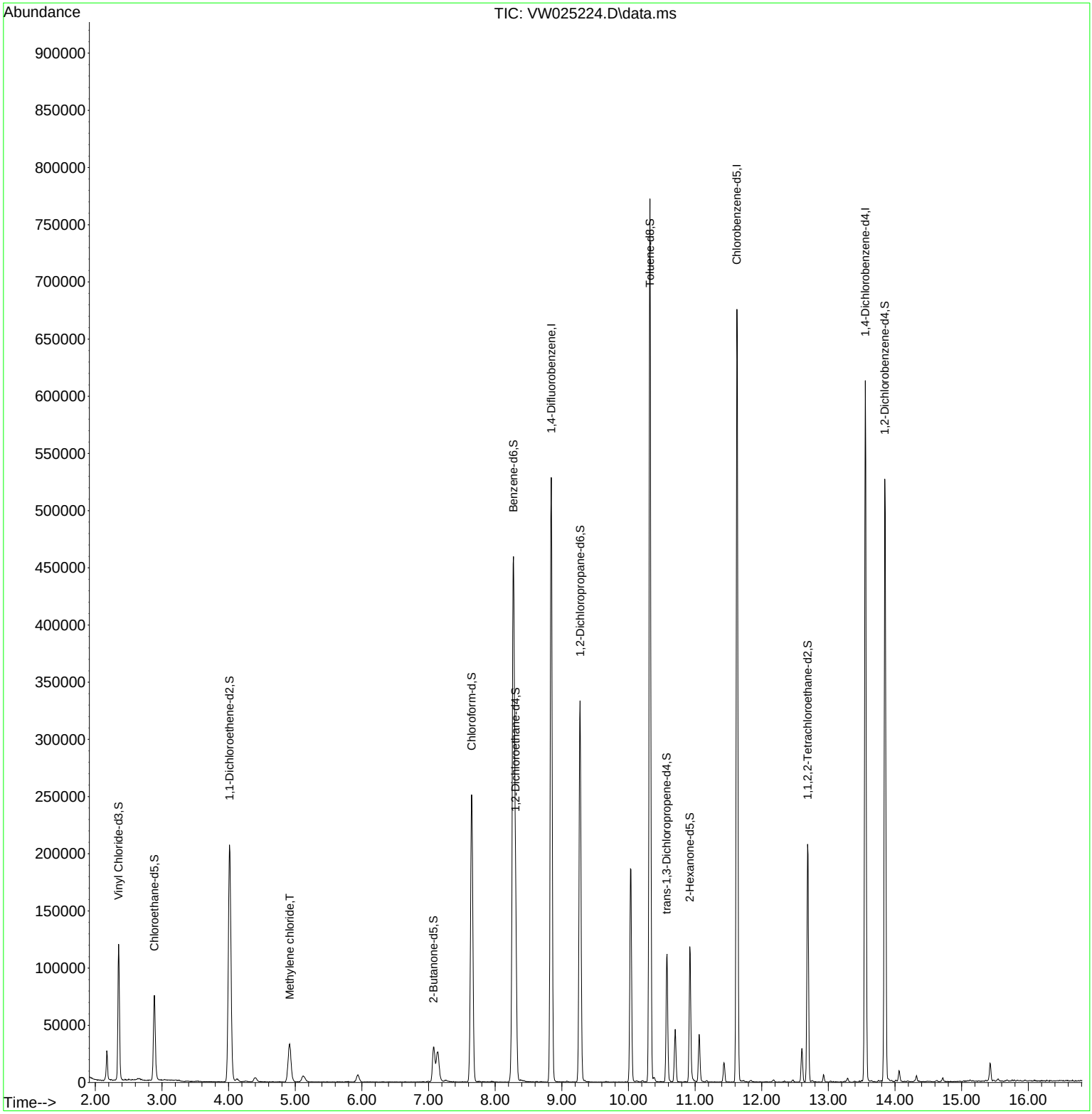
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011123\
Data File : VW025224.D
Acq On : 11 Jan 2023 14:30
Operator : SY/MD
Sample : 01120-03
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 12 04:20:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010323SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jan 04 00:45:59 2023
Response via : Initial Calibration

**Instrument :**
MSVOA_W
**ClientSampleId :**
VHBLK001

**Manual IntegrationsAPPROVED**

Reviewed By :Krupa Patel 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023



Quantitation Report (Qedit)

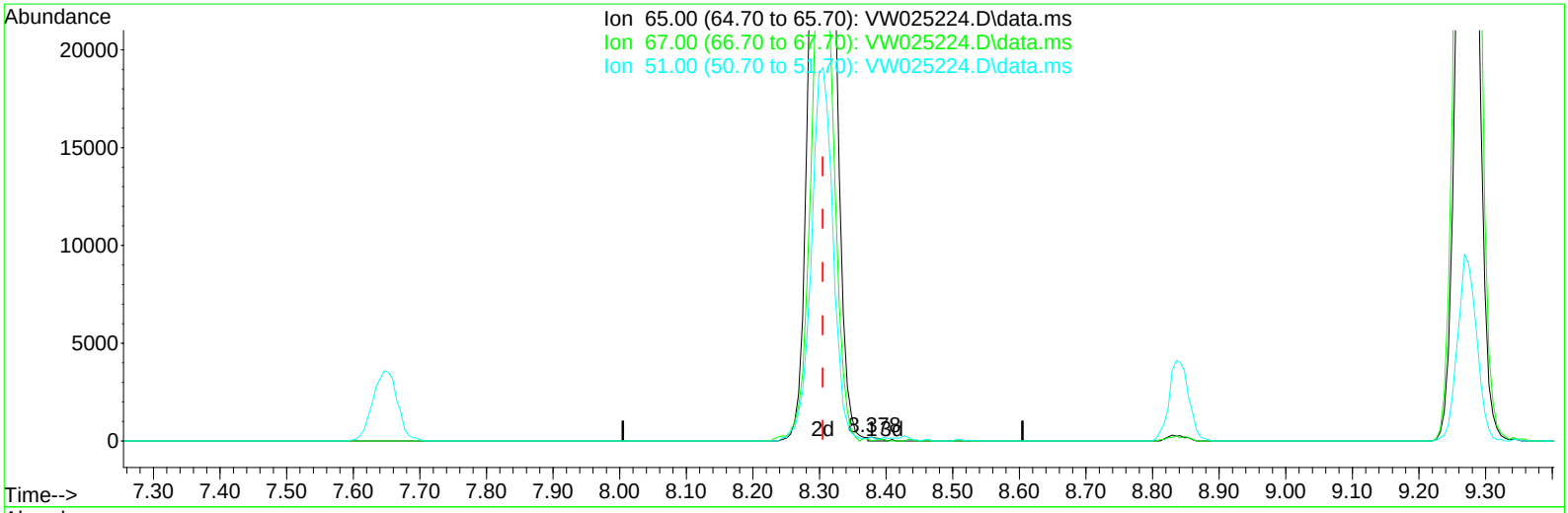
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011123\
Data File : VW025224.D
Acq On : 11 Jan 2023 14:30
Operator : SY/MD
Sample : 01120-03
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

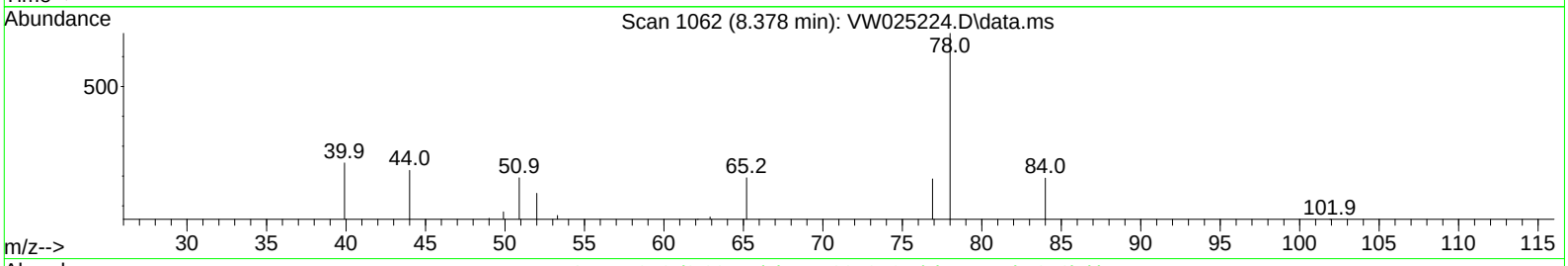
Quant Time: Jan 12 04:20:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010323SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jan 04 00:45:59 2023
Response via : Initial Calibration

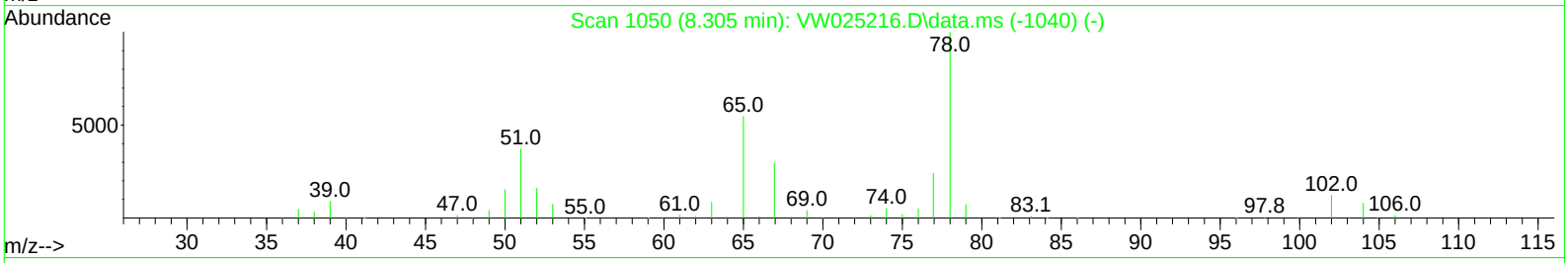
**Instrument :**
MSVOA_W
**ClientSampleId :**
VHBLK001

**Manual IntegrationsAPPROVED**

Reviewed By :Krupa Patel 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023




TIC: VW025224.D\data.ms

**(26) 1,2-Dichloroethane-d4 (S)**

**8.378min (+ 0.073) 0.03 ug/L**

**response 194**

| Ion | Exp% | Act% |
|---|---|---|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 53.70 | 42.78 |
| 51.00 | 103.20 | 103.61 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

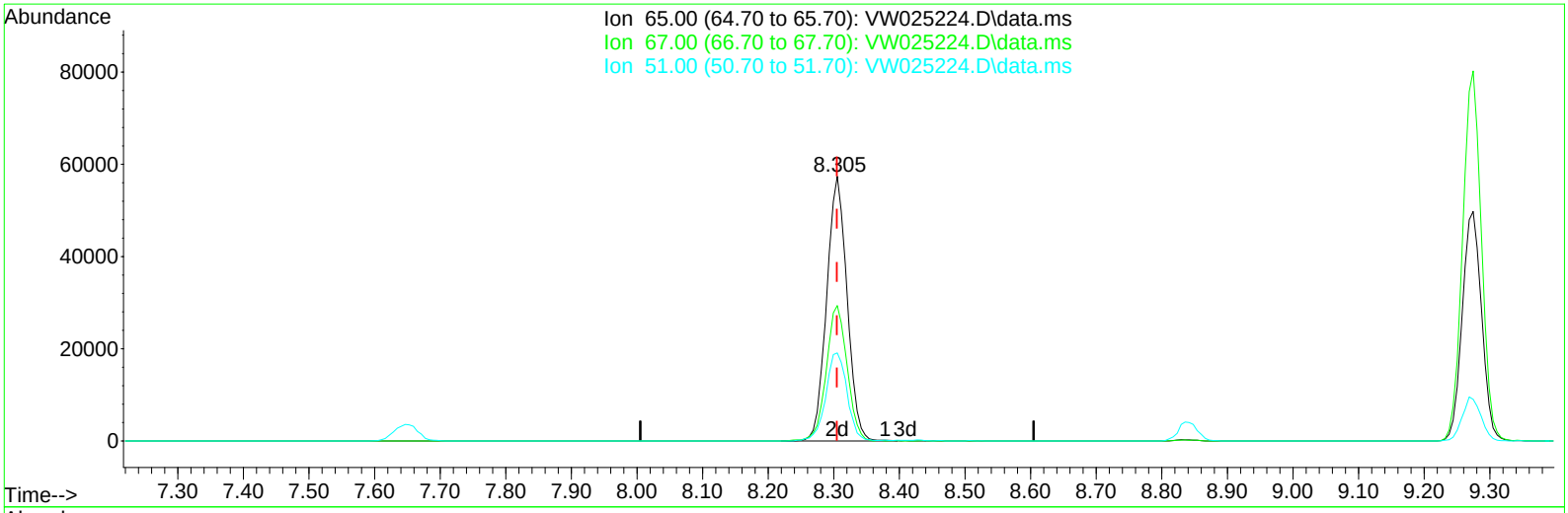
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011123\
Data File : VW025224.D
Acq On : 11 Jan 2023 14:30
Operator : SY/MD
Sample : 01120-03
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

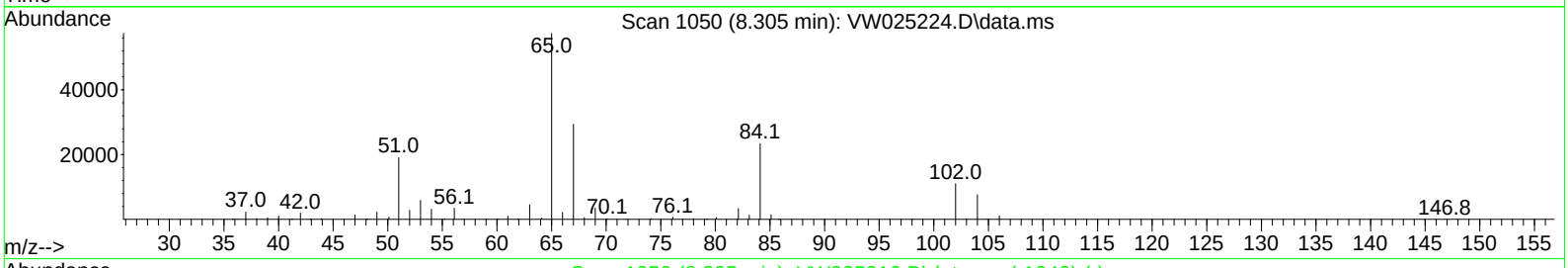
Quant Time: Jan 12 04:20:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010323SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jan 04 00:45:59 2023
Response via : Initial Calibration

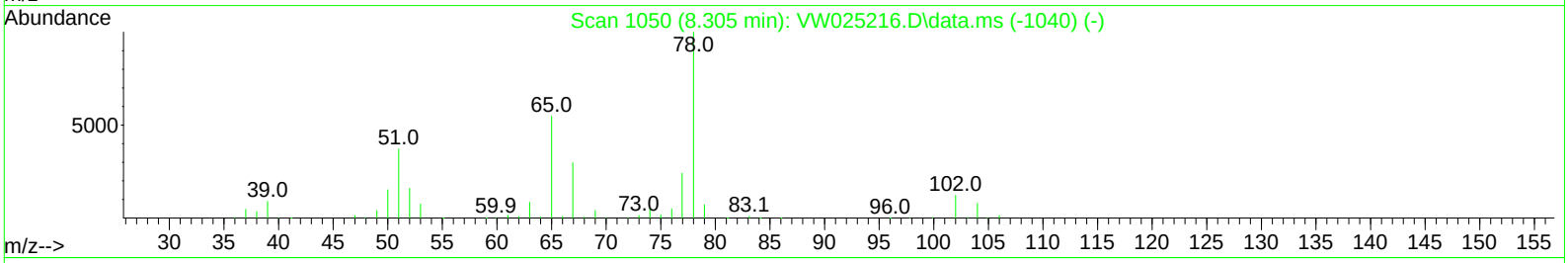
**Instrument :**
MSVOA_W
**ClientSampleId :**
VHBLK001

**Manual IntegrationsAPPROVED**

Reviewed By :Krupa Patel 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023




TIC: VW025224.D\data.ms

**(26) 1,2-Dichloroethane-d4 (S)**

**8.305min (+ 0.000) 21.27 ug/L m**

**response 124182**

| Ion | Exp% | Act% |
|---|---|---|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 53.70 | 0.07# |
| 51.00 | 103.20 | 0.16# |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011123\
Data File : VW025224.D
Acq On : 11 Jan 2023 14:30
Operator : SY/MD
Sample : 01120-03
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_W
**ClientSampleId :**
VHBLK001

**Manual IntegrationsAPPROVED**

Reviewed By :Krupa Patel 01/19/2023
Supervised By :Mahesh Dadoda 01/19/2023

Quant Time: Jan 12 04:20:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010323SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jan 04 00:45:59 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 8.842 | 114 | 452308 | 25.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 11.628 | 117 | 375424 | 25.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 13.554 | 152 | 152467 | 25.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 2.349 | 65 | 116098 | 22.109 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 88.440% | | | |
| 7) Chloroethane-d5 | 2.885 | 69 | 78200 | 23.635 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 150 | | Recovery = 94.560% | | | |
| 11) 1,1-Dichloroethene-d2 | 4.013 | 63 | 206839 | 17.984 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 110 | | Recovery = 71.920% | | | |
| 21) 2-Butanone-d5 | 7.074 | 46 | 53690 | 40.343 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 80.680% | | | |
| 24) Chloroform-d | 7.647 | 84 | 261262 | 23.046 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 40 - 150 | | Recovery = 92.200% | | | |
| 26) 1,2-Dichloroethane-d4 | 8.305 | 65 | 124182m | 21.266 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 130 | | Recovery = 85.080% | | | |
| 32) Benzene-d6 | 8.275 | 84 | 491879 | 21.819 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 20 - 135 | | Recovery = 87.280% | | | |
| 36) 1,2-Dichloropropane-d6 | 9.275 | 67 | 159695 | 24.216 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 70 - 120 | | Recovery = 96.880% | | | |
| 41) Toluene-d8 | 10.323 | 98 | 518148 | 25.254 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 130 | | Recovery = 101.000% | | | |
| 43) trans-1,3-Dichloroprop... | 10.573 | 79 | 64744 | 22.928 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 30 - 135 | | Recovery = 91.720% | | | |
| 47) 2-Hexanone-d5 | 10.921 | 63 | 42890 | 41.275 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 20 - 135 | | Recovery = 82.540% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84 | 106612 | 23.117 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 45 - 120 | | Recovery = 92.480% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 13.847 | 152 | 138389 | 25.546 | ug/L | 0.00 |
| Spiked Amount 25.000 | Range 75 - 120 | | Recovery = 102.200% | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Methylene chloride | 4.916 | 84 | 26656 | 3.810 | ug/L | 98 |

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