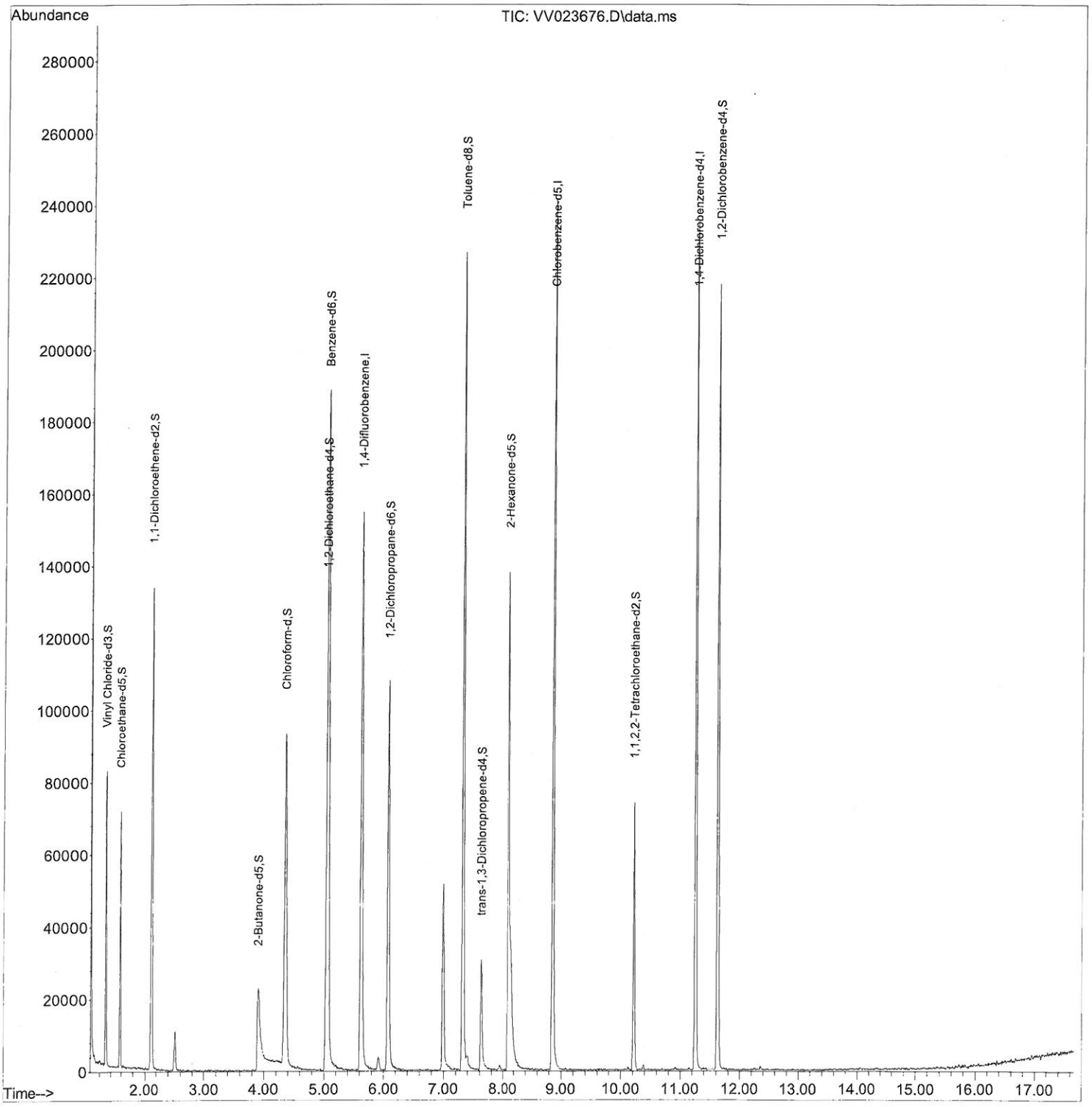
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112321\
Data File : VV023676.D
Acq On : 23 Nov 2021 17:19
Operator : SY/MD
Sample : M4706-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 24 05:00:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 24 04:42:45 2021
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
VHBLK001

**Manual IntegrationsAPPROVED**

Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112321\
Data File : VV023676.D
Acq On : 23 Nov 2021 17:19
Operator : SY/MD
Sample : M4706-12
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**Instrument :**
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**Manual IntegrationsAPPROVED**

Reviewed By :John Carlone 11/24/2021
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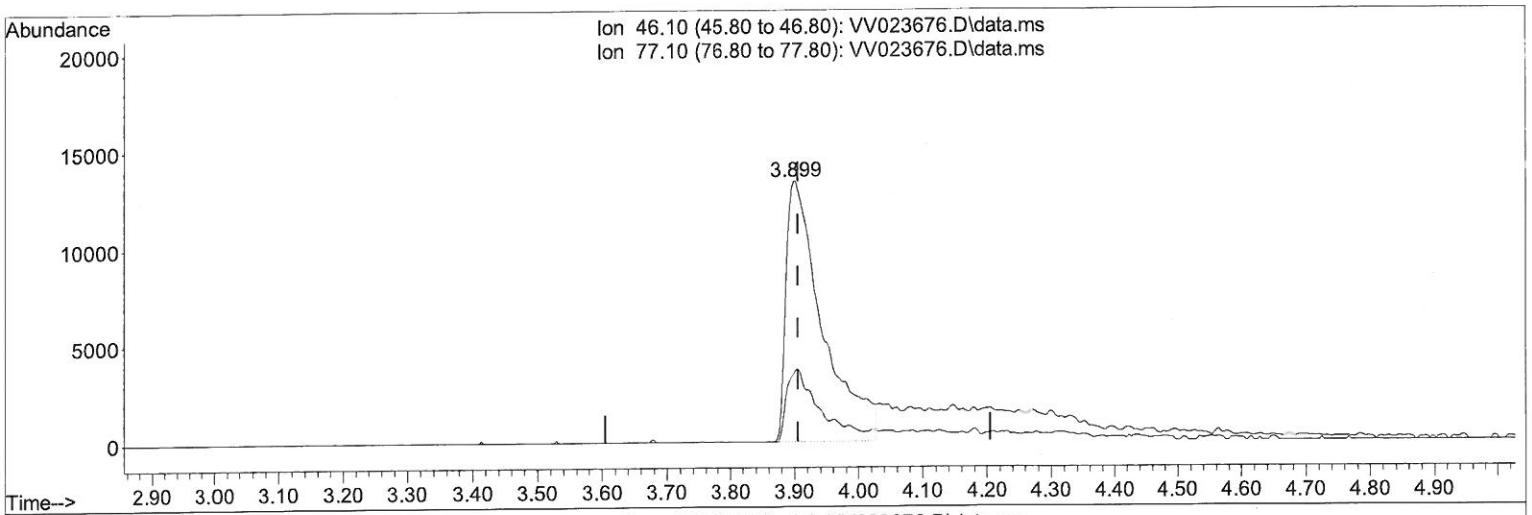
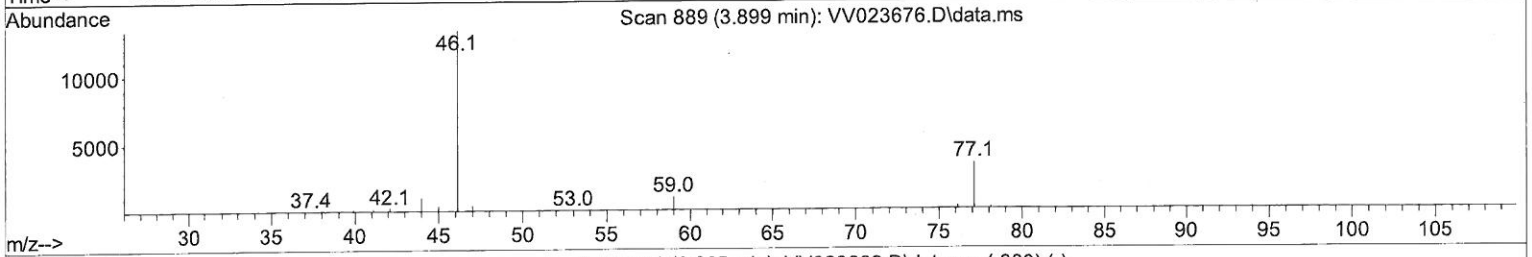
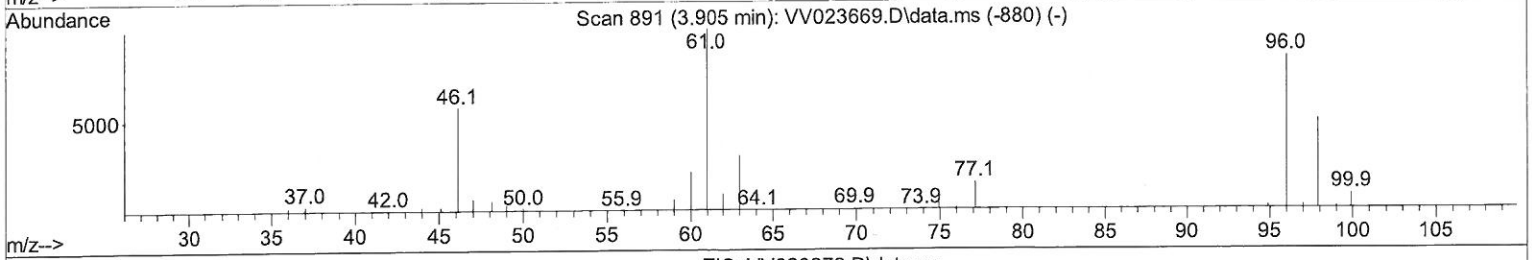



TIC: VV023676.D\data.ms

(20) 2-Butanone-d5 (S)

3.899min (-0.006) 39.06 ug/L

response 52932

| Ion | Exp% | Act% |
|---|---|---|
| 46.10 | 100.00 | 100.00 |
| 77.10 | 9.40 | 20.41# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (Qedit)

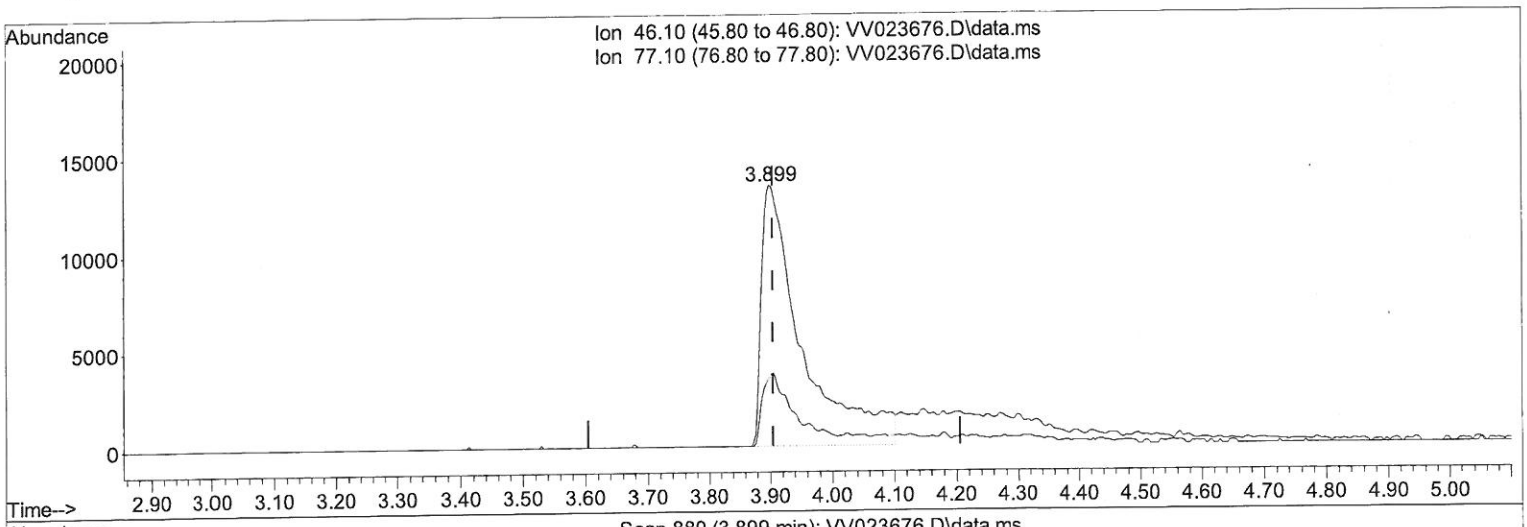
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112321\
Data File : VV023676.D
Acq On : 23 Nov 2021 17:19
Operator : SY/MD
Sample : M4706-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

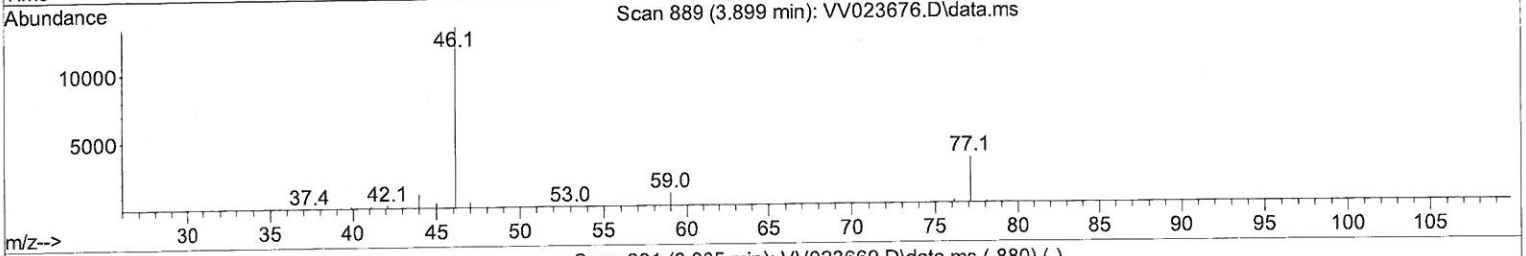
Quant Time: Nov 24 05:00:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 24 04:42:45 2021
Response via : Initial Calibration

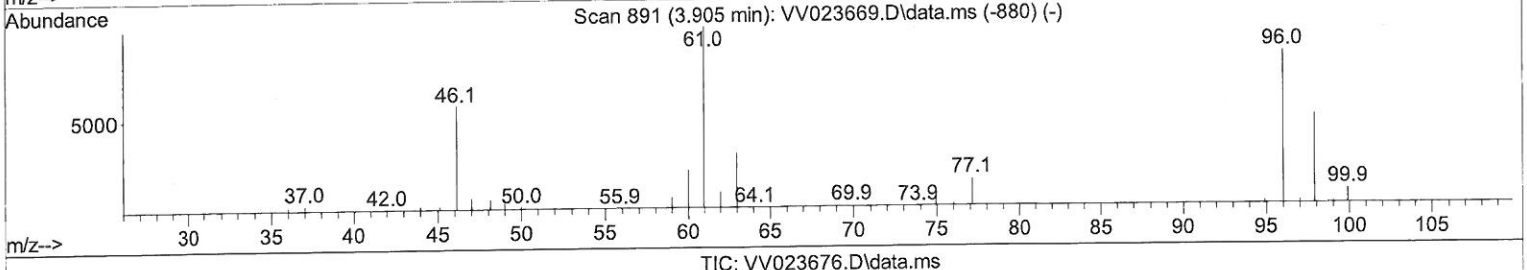
**Instrument :**
MSVOA_V
**ClientSampleId :**
VHBLK001

**Manual IntegrationsAPPROVED**

Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021




TIC: VV023676.D\data.ms

(20) 2-Butanone-d5 (S)

3.899min (-0.006) 44.64 ug/L m

response 60497

| Ion | Exp% | Act% |
|---|---|---|
| 46.10 | 100.00 | 100.00 |
| 77.10 | 9.40 | 17.86# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

12/01/21

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112321\
Data File : VV023676.D
Acq On : 23 Nov 2021 17:19
Operator : SY/MD
Sample : M4706-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_V
**ClientSampleId :**
VHBLK001

**Manual IntegrationsAPPROVED**

Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021

Quant Time: Nov 24 05:00:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 24 04:42:45 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.619 | 114 | 137326 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.854 | 117 | 137419 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.249 | 152 | 64276 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.307 | 65 | 51568 | 4.574 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = | 91.400% | | |
| 7) Chloroethane-d5 | 1.568 | 69 | 40807 | 4.605 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = | 92.200% | | |
| 11) 1,1-Dichloroethene-d2 | 2.108 | 63 | 70307 | 3.539 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = | 70.800% | | |
| 20) 2-Butanone-d5 | 3.899 | 46 | 60497m | 44.640 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = | 89.280% | | |
| 24) Chloroform-d | 4.349 | 84 | 92493 | 4.712 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = | 94.200% | | |
| 26) 1,2-Dichloroethane-d4 | 5.034 | 65 | 44377 | 4.839 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = | 96.800% | | |
| 32) Benzene-d6 | 5.053 | 84 | 174536 | 4.663 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = | 93.200% | | |
| 36) 1,2-Dichloropropane-d6 | 6.069 | 67 | 50897 | 4.850 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = | 97.000% | | |
| 41) Toluene-d8 | 7.317 | 98 | 153811 | 4.398 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = | 88.000% | | |
| 43) trans-1,3-Dichloroprop... | 7.625 | 79 | 18483 | 4.369 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = | 87.400% | | |
| 46) 2-Hexanone-d5 | 8.091 | 63 | 61249 | 43.579 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = | 87.160% | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84 | 34005 | 4.503 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = | 90.000% | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.625 | 152 | 58465 | 5.145 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = | 102.800% | | |

Target Compounds Qvalue

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

MD 12/01/21