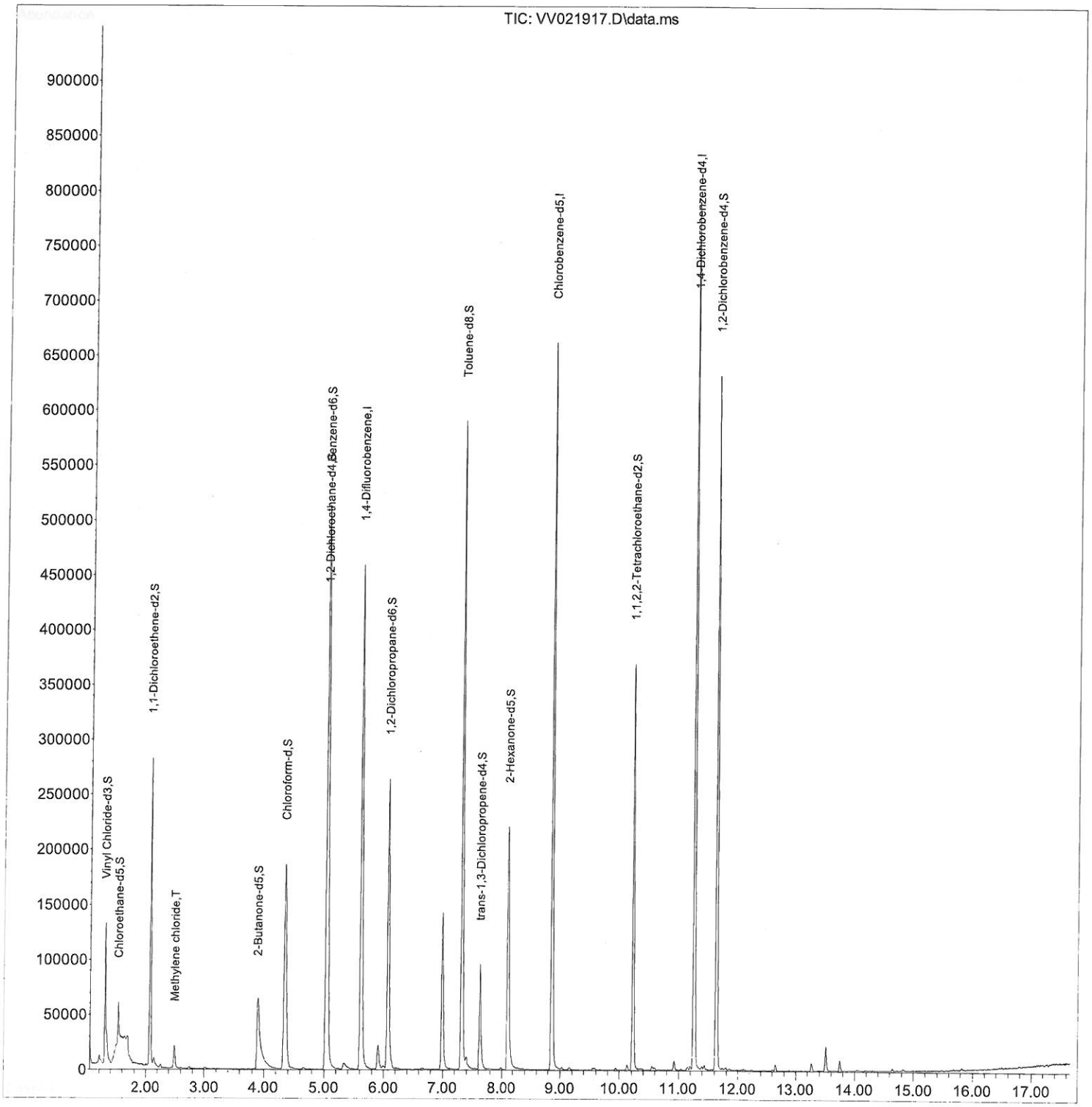
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082021\
Data File : VV021917.D
Acq On : 20 Aug 2021 16:36
Operator : SY/MD
Sample : M3458-13ME
Misc : 7.40g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 21 00:55:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 21 00:50:00 2021
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AW3ME

**Manual Integrations APPROVED**
SAM
8/23/2021 10:53:05 AM



Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082021\
Data File : VV021917.D
Acq On : 20 Aug 2021 16:36
Operator : SY/MD
Sample : M3458-13ME
Misc : 7.40g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
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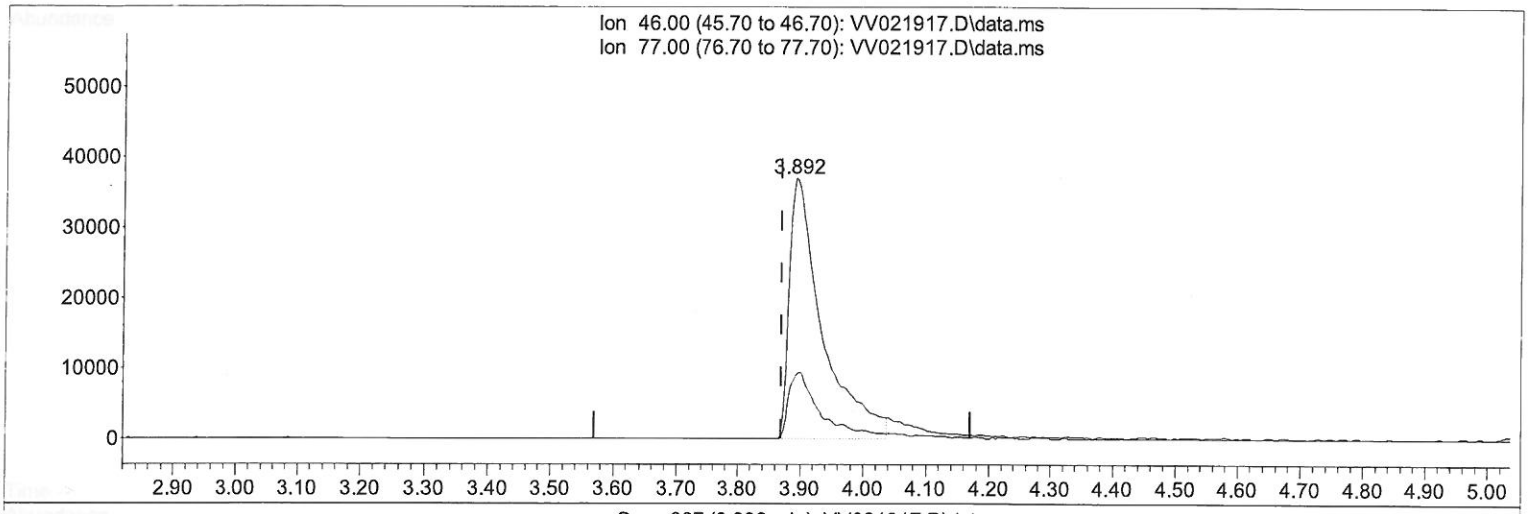
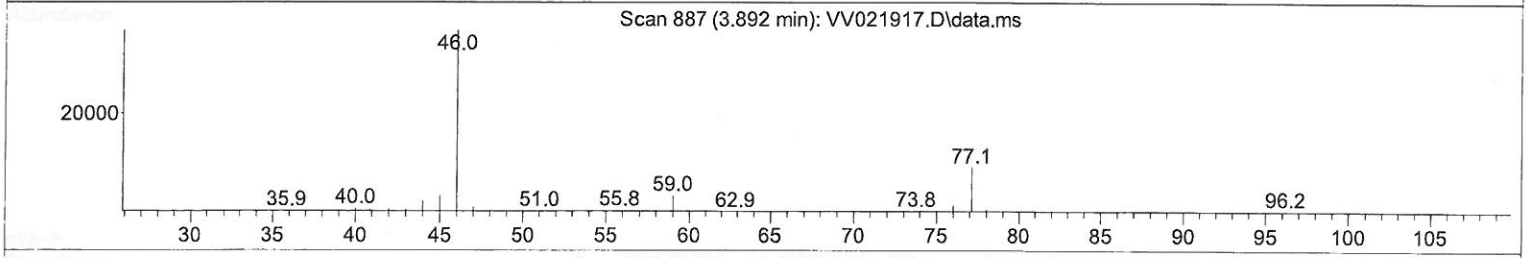
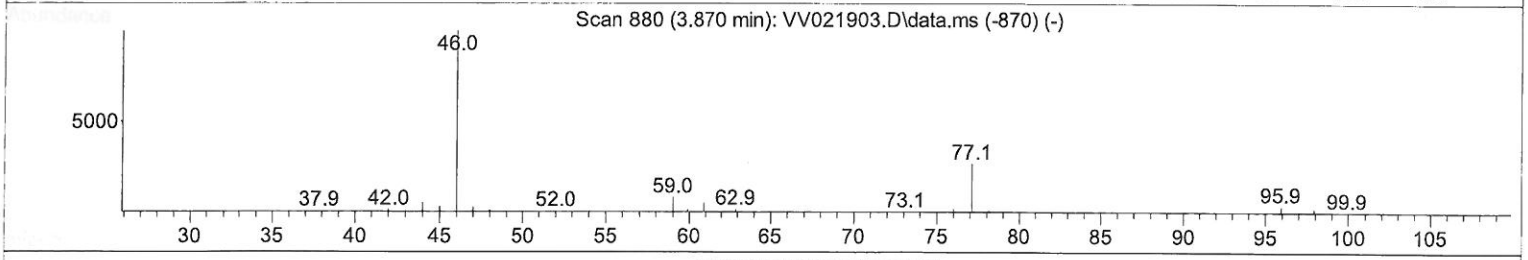
Quant Time: Aug 21 00:55:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 21 00:50:00 2021
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AW3ME

**Manual Integrations APPROVED**
SAM
8/23/2021 10:53:05 AM




TIC: VV021917.D\data.ms

(21) 2-Butanone-d5 (S)

3.892min (+ 0.023) 62.99 ug/L

response 134328

| Ion | Exp% | Act% |
|---|---|---|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 25.90 | 18.69 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

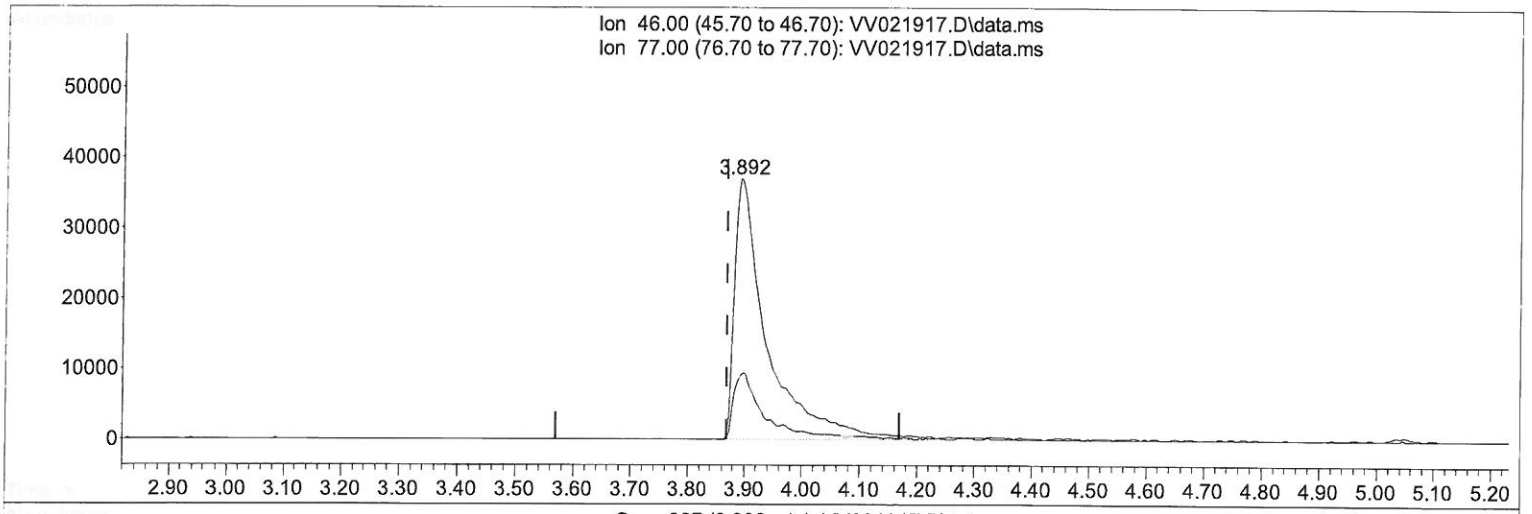
Quantitation Report (Qedit)

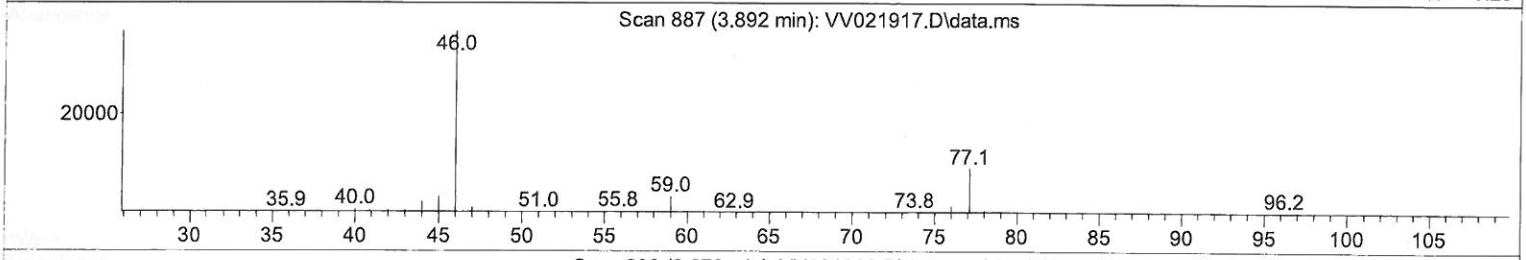
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082021\
Data File : VV021917.D
Acq On : 20 Aug 2021 16:36
Operator : SY/MD
Sample : M3458-13ME
Misc : 7.40g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

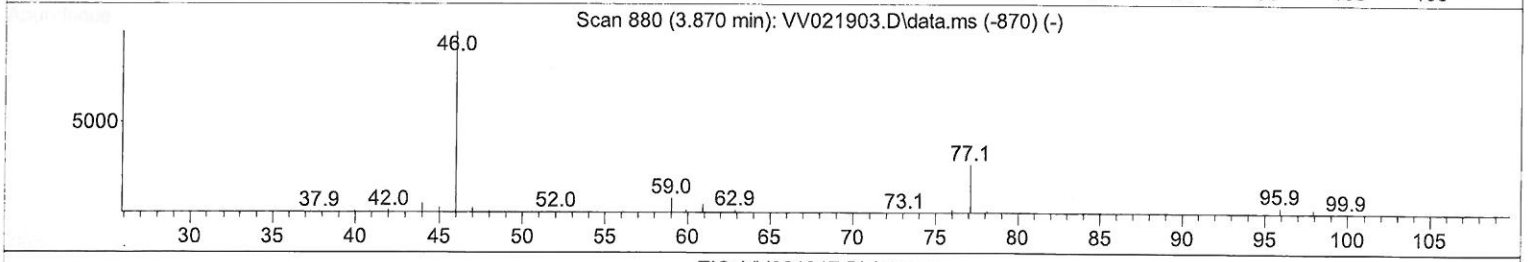
Quant Time: Aug 21 00:55:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 21 00:50:00 2021
Response via : Initial Calibration

**Instrument :**
MSVOA_V
**ClientSampleId :**
C0AW3ME

**Manual Integrations APPROVED**
SAM
8/23/2021 10:53:05 AM




TIC: VV021917.D\data.ms

(21) 2-Butanone-d5 (S)

3.892min (+ 0.023) 68.61 ug/L m MD 8/24/21

response 146309

| Ion | Exp% | Act% |
|---|---|---|
| 46.00 | 100.00 | 100.00 |
| 77.00 | 25.90 | 17.16# |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082021\
Data File : VV021917.D
Acq On : 20 Aug 2021 16:36
Operator : SY/MD
Sample : M3458-13ME
Misc : 7.40g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 21 00:55:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 21 00:50:00 2021
Response via : Initial Calibration

**Instrument :** MSVOA_V
**ClientSampleId :** C0AW3ME

**Manual Integrations APPROVED**
SAM
8/23/2021 10:53:05 AM

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 5.613 | 114 | 438595 | 50.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 8.854 | 117 | 419793 | 50.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.255 | 152 | 218405 | 50.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.301 | 65 | 121380 | 35.400 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 135 | | Recovery = 70.800% | | | |
| 7) Chloroethane-d5 | 1.529 | 69 | 26309 | 10.168 | ug/L | -0.03 |
| Spiked Amount 50.000 | Range 70 - 130 | | Recovery = 20.340%# | | | |
| 11) 1,1-Dichloroethene-d2 | 2.069 | 63 | 143558 | 26.303 | ug/L | -0.04 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 52.600%# | | | |
| 21) 2-Butanone-d5 | 3.892 | 46 | 146309m | 68.610 | ug/L | 0.02 |
| Spiked Amount 100.000 | Range 40 - 130 | | Recovery = 68.610% | | | |
| 24) Chloroform-d | 4.346 | 84 | 205413 | 34.578 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 69.160%# | | | |
| 26) 1,2-Dichloroethane-d4 | 5.027 | 65 | 129257 | 37.827 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 75.660% | | | |
| 32) Benzene-d6 | 5.040 | 84 | 450215 | 37.295 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 125 | | Recovery = 74.600% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.069 | 67 | 141203 | 37.561 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 70 - 120 | | Recovery = 75.120% | | | |
| 41) Toluene-d8 | 7.317 | 98 | 414324 | 37.133 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 74.260%# | | | |
| 43) trans-1,3-Dichloroprop... | 7.625 | 79 | 61485 | 33.233 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 60 - 125 | | Recovery = 66.460% | | | |
| 47) 2-Hexanone-d5 | 8.108 | 63 | 102285 | 83.017 | ug/L | 0.02 |
| Spiked Amount 100.000 | Range 45 - 130 | | Recovery = 83.020% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.223 | 84 | 186927 | 40.126 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 65 - 120 | | Recovery = 80.260% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 11.628 | 152 | 172333 | 38.127 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 80 - 120 | | Recovery = 76.260%# | | | |
| Target Compounds | | | | | | Qvalue |
| 16) Methylene chloride | 2.491 | 84 | 9587 | 2.658 | ug/L | 94 |

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

> MQ 8/24/21