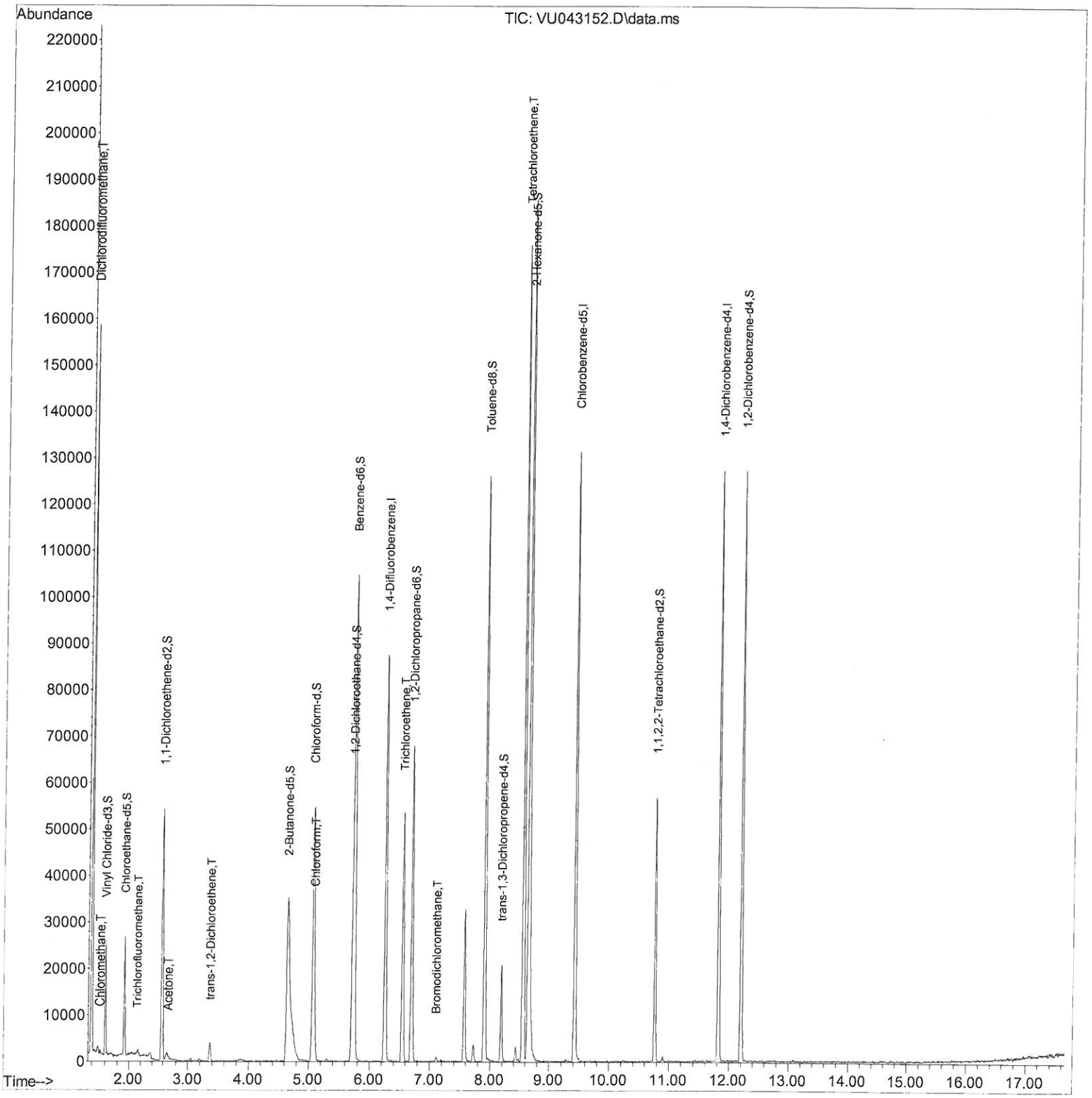
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
Data File : VU043152.D
Acq On : 16 Apr 2021 04:10
Operator : SY/MD
Sample : M2055-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Apr 16 07:18:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 16 07:14:05 2021
Response via : Initial Calibration

**Instrument :**
MSVOA_U
**ClientSampleId :**
H4508

**Manual Integrations APPROVED**
MMDadoda
4/19/2021 10:22:04 AM



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
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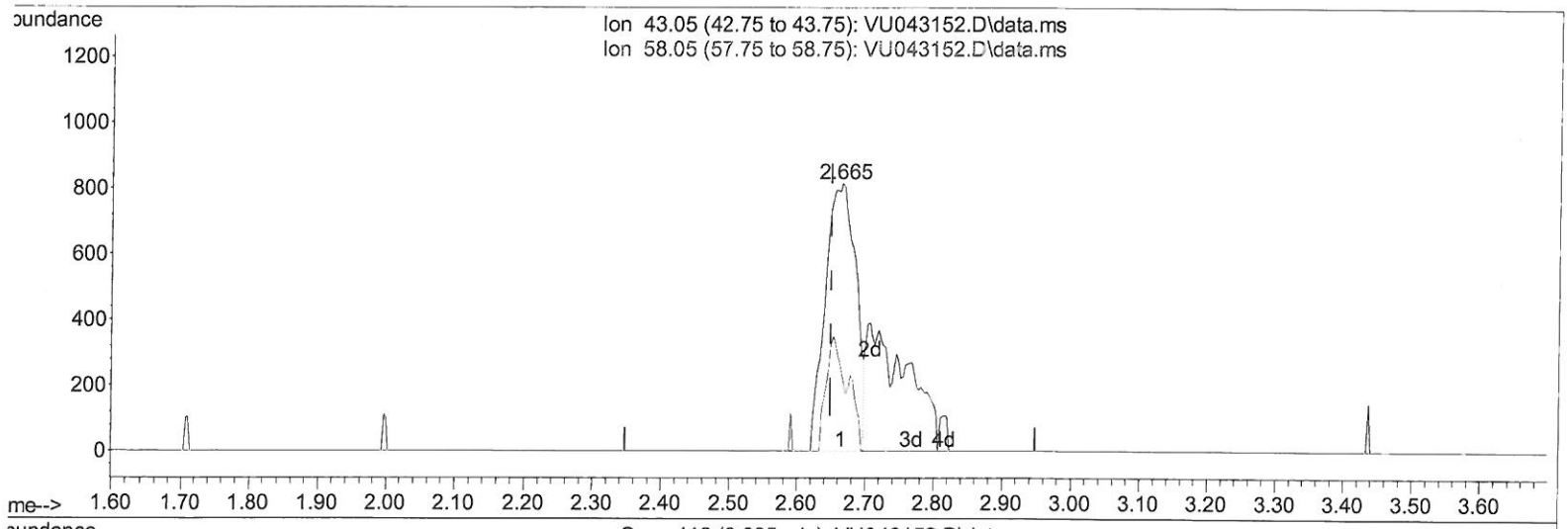


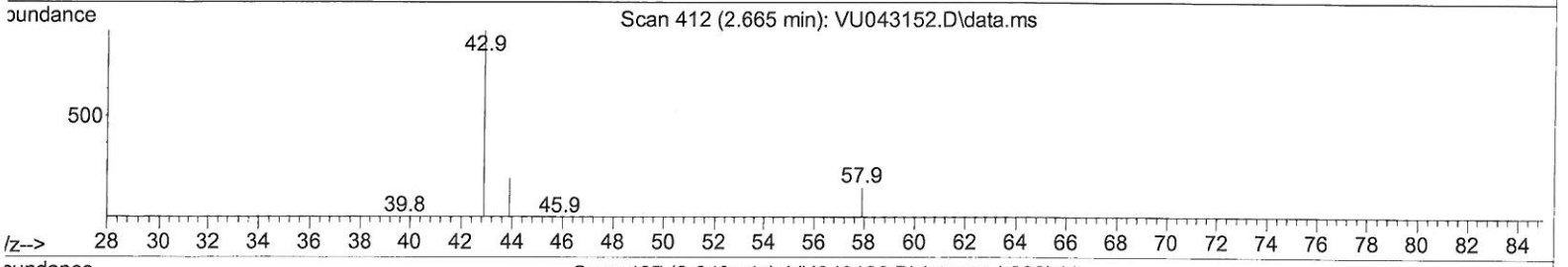


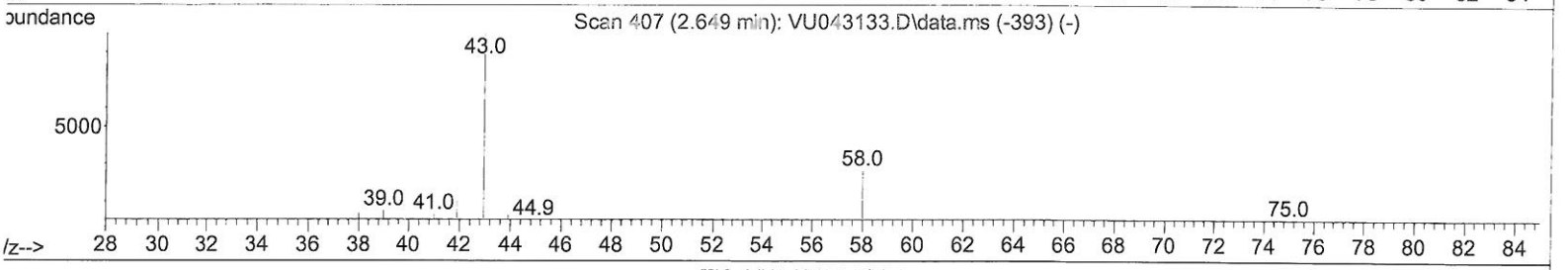


TIC: VU043152.D\data.ms

(13) Acetone (T)

2.665min (+ 0.016) 2.32 ug/L

response 2527

| Ion | Exp% | Act% |
|---|---|---|
| 43.05 | 100.00 | 100.00 |
| 58.05 | 12.50 | 7.87 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
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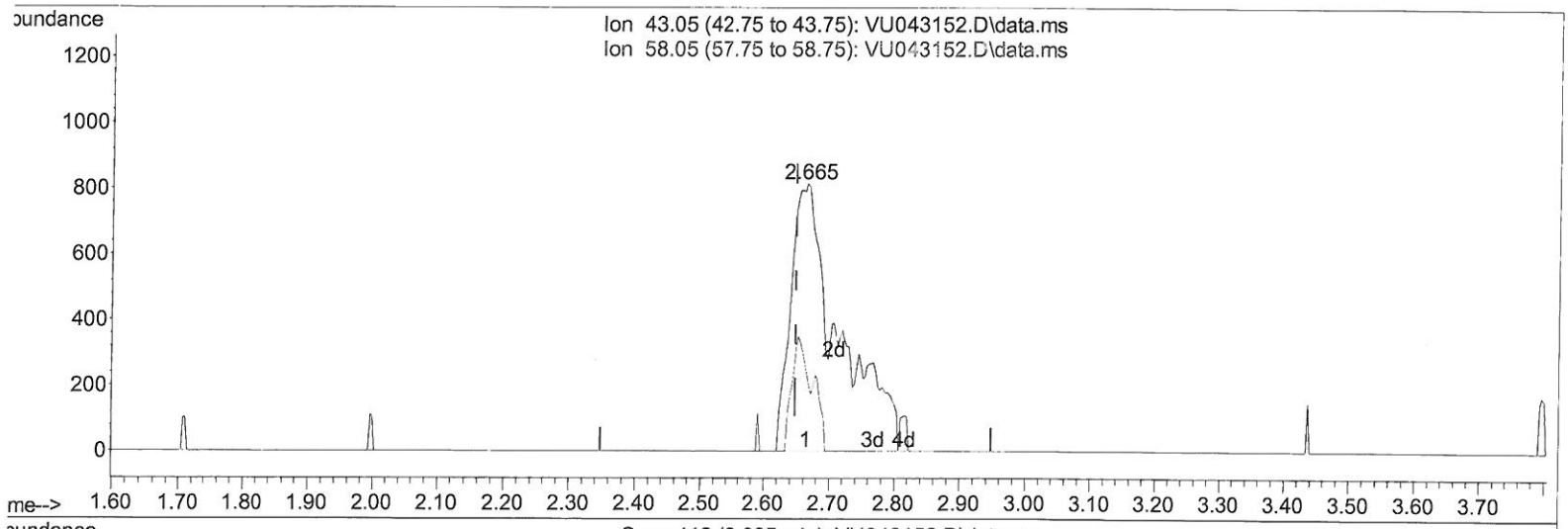
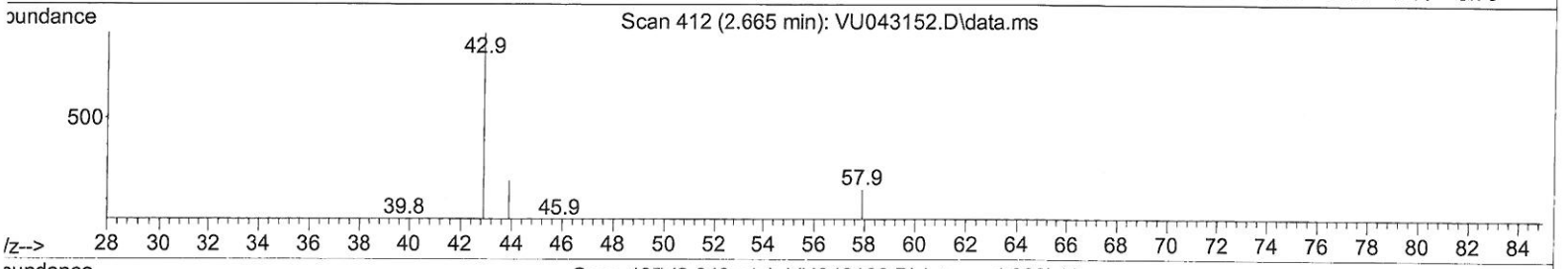
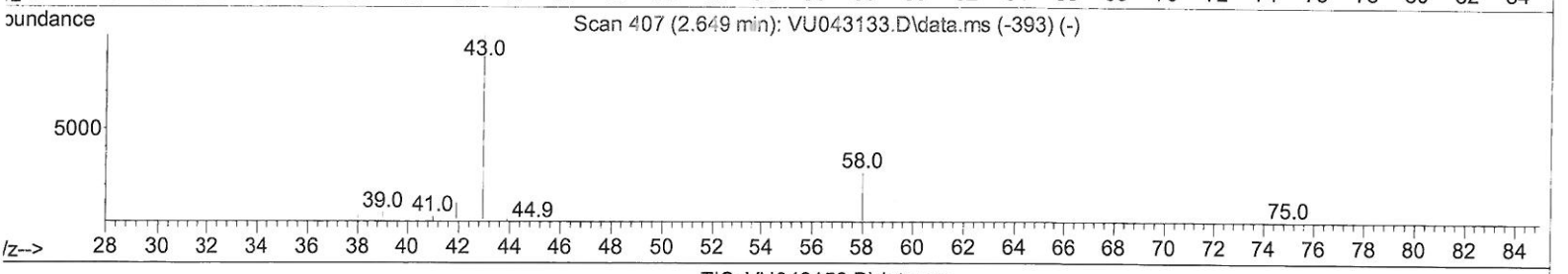
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 16 07:14:05 2021
Response via : Initial Calibration

**Instrument :**
MSVOA_U
**ClientSampleId :**
H4508

**Manual Integrations APPROVED**
MMDadoda
4/19/2021 10:22:04 AM




TIC: VU043152.D\data.ms

(13) Acetone (T)

2.665min (+ 0.016) 3.82 ug/L m

response 4151

JMD 4/20/21

| Ion | Exp% | Act% |
|---|---|---|
| 43.05 | 100.00 | 100.00 |
| 58.05 | 12.50 | 4.79 |
| 0.00 | 0.00 | 0.00 |
| 0.00 | 0.00 | 0.00 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
Data File : VU043152.D
Acq On : 16 Apr 2021 04:10
Operator : SY/MD
Sample : M2055-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Apr 16 07:18:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 16 07:14:05 2021
Response via : Initial Calibration

**Instrument :** MSVOA_U
**ClientSampleId :** H4508

**Manual Integrations APPROVED**
MMDadoda
4/19/2021 10:22:04 AM

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Difluorobenzene | 6.256 | 114 | 66376 | 5.00 | ug/L | # 0.00 |
| 28) Chlorobenzene-d5 | 9.423 | 117 | 66077 | 5.00 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.822 | 152 | 31085 | 5.00 | ug/L | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) Vinyl Chloride-d3 | 1.601 | 65 | 16592 | 4.92 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 40 - 130 | | Recovery = 98.40% | | | |
| 7) Chloroethane-d5 | 1.919 | 69 | 16736 | 5.26 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 130 | | Recovery = 105.20% | | | |
| 11) 1,1-Dichloroethene-d2 | 2.575 | 65 | 10563 | 5.41 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 125 | | Recovery = 108.20% | | | |
| 20) 2-Butanone-d5 | 4.645 | 46 | 96689 | 65.31 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 40 - 130 | | Recovery = 130.62%# | | | |
| 24) Chloroform-d | 5.073 | 84 | 47191 | 5.50 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 110.00% | | | |
| 26) 1,2-Dichloroethane-d4 | 5.713 | 65 | 31031 | 5.35 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 107.00% | | | |
| 32) Benzene-d6 | 5.735 | 84 | 84223 | 5.47 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 125 | | Recovery = 109.40% | | | |
| 36) 1,2-Dichloropropane-d6 | 6.700 | 67 | 29472 | 5.78 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 60 - 140 | | Recovery = 115.60% | | | |
| 41) Toluene-d8 | 7.906 | 98 | 76572 | 4.79 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 70 - 130 | | Recovery = 95.80% | | | |
| 43) trans-1,3-Dichloroprop... | 8.185 | 79 | 11170 | 4.96 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 55 - 130 | | Recovery = 99.20% | | | |
| 46) 2-Hexanone-d5 | 8.645 | 63 | 64164 | 57.10 | ug/L | 0.00 |
| Spiked Amount 50.000 | Range 45 - 130 | | Recovery = 114.20% | | | |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84 | 25780 | 5.74 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 65 - 120 | | Recovery = 114.80% | | | |
| 66) 1,2-Dichlorobenzene-d4 | 12.201 | 152 | 31164 | 5.85 | ug/L | 0.00 |
| Spiked Amount 5.000 | Range 80 - 120 | | Recovery = 117.00% | | | |
| **Target Compounds** | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.395 | 85 | 1724 | 0.41 | ug/L | 97 |
| 3) Chloromethane | 1.520 | 50 | 448 | 0.11 | ug/L | 86 |
| 9) Trichlorofluoromethane | 2.141 | 101 | 637 | 0.08 | ug/L | 95 |
| 13) Acetone | 2.665 | 43 | 4151m | 3.82 | ug/L | |
| 18) trans-1,2-Dichloroethene | 3.359 | 96 | 1619 | 0.41 | ug/L | 88 |
| 25) Chloroform | 5.092 | 83 | 5423 | 0.59 | ug/L | 96 |
| 34) Trichloroethene | 6.549 | 95 | 16775 | 3.45 | ug/L | 99 |
| 38) Bromodichloromethane | 7.112 | 83 | 797 | 0.12 | ug/L # | 73 |
| 47) Tetrachloroethene | 8.558 | 164 | 35956 | 9.32 | ug/L | 94 |

MD 4/20/21

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