

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072624\  
 Data File : VV036704.D  
 Acq On : 25 Jul 2024 13:54  
 Operator : SY/MD  
 Sample : P3276-09RE  
 Misc : 8.42g/10mL/MSVOA\_V/SOIL/B  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 E20H8RE

Manual Integrations  
 APPROVED

Reviewed By :Romaben Patel 07/26/2024  
 Supervised By :Mahesh Dadoda 07/26/2024

Quant Time: Jul 26 05:01:42 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072224SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jul 25 00:49:57 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.529  | 114   | 516794   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783  | 117   | 511041   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.182 | 152   | 206231   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.272  | 65    | 51789    | 9.150    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 36.600%  |
| 7) Chloroethane-d5            | 1.526  | 69    | 64314    | 12.580   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 50.320%  |
| 11) 1,1-Dichloroethene-d2     | 2.047  | 65    | 28089    | 9.385    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 37.560%# |
| 21) 2-Butanone-d5             | 3.844  | 46    | 45098m   | 34.140   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 68.280%  |
| 24) Chloroform-d              | 4.246  | 84    | 58082    | 4.250    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 17.000%# |
| 26) 1,2-Dichloroethane-d4     | 4.937  | 65    | 120559   | 17.879   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 71.520%  |
| 32) Benzene-d6                | 4.953  | 84    | 302417   | 12.486   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 49.960%  |
| 36) 1,2-Dichloropropane-d6    | 5.982  | 67    | 113961   | 16.513   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 66.040%# |
| 41) Toluene-d8                | 7.243  | 98    | 241957   | 10.468   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 41.880%  |
| 43) trans-1,3-Dichloroprop... | 7.555  | 79    | 44638    | 14.550   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 58.200%  |
| 47) 2-Hexanone-d5             | 8.034  | 63    | 25522    | 27.789   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 55.580%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.162 | 84    | 2628     | 0.437    | ug/L   | 0.01     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 1.760%#  |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152   | 143030   | 19.868   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 79.480%  |
| Target Compounds              |        |       |          |          |        |          |
| 13) Acetone                   | 2.159  | 43    | 10373    | 4.834    | ug/L # | 44       |
| 14) Carbon disulfide          | 2.230  | 76    | 15918    | 0.719    | ug/L   | 98       |
| 16) Methylene chloride        | 2.439  | 84    | 24289    | 2.526    | ug/L   | 97       |
| 25) Chloroform                | 4.269  | 83    | 167843   | 11.007   | ug/L   | 98       |
| 34) Trichloroethene           | 5.828  | 95    | 17584    | 1.851    | ug/L   | 89       |

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

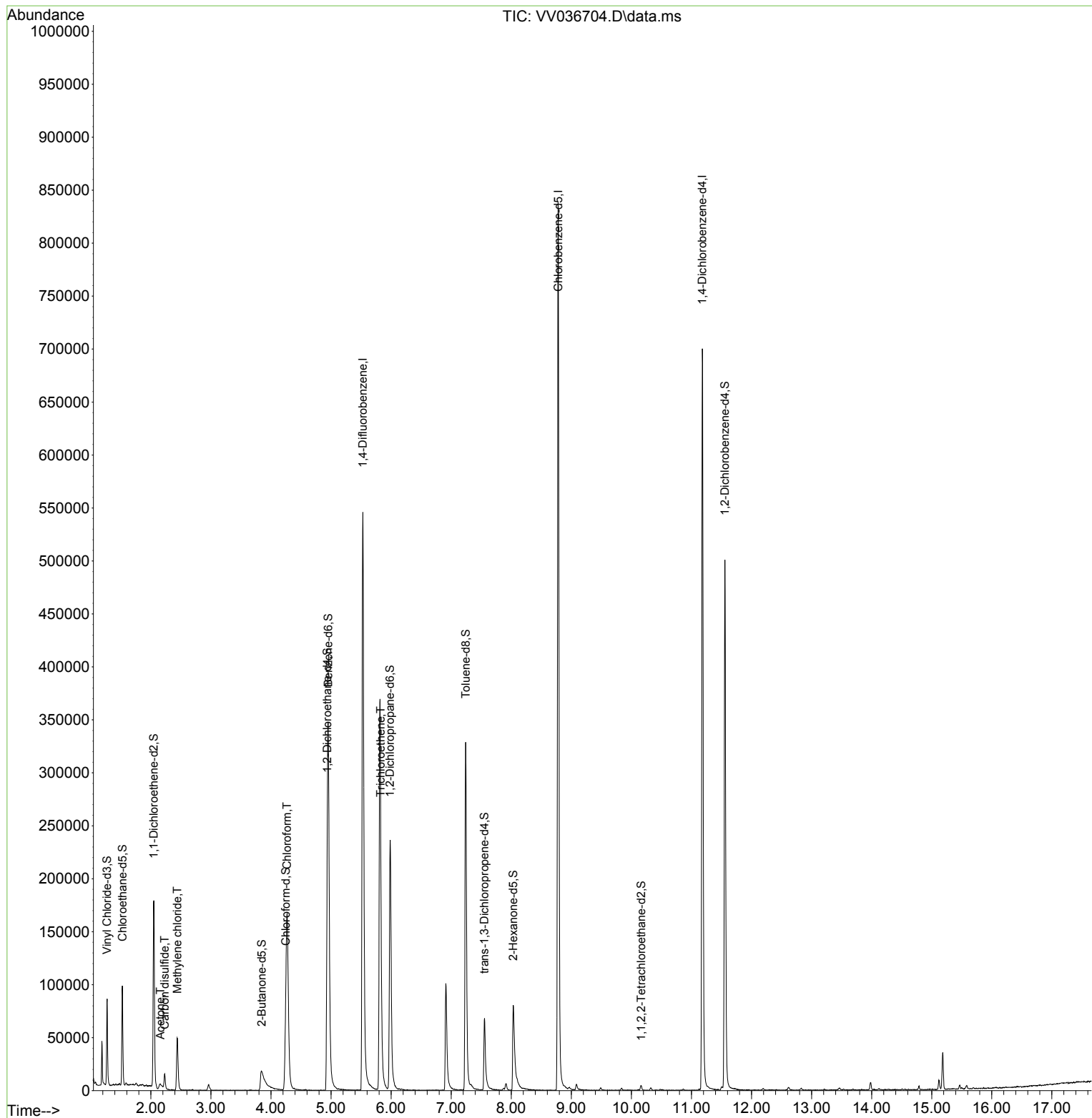
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072624\  
Data File : VV036704.D  
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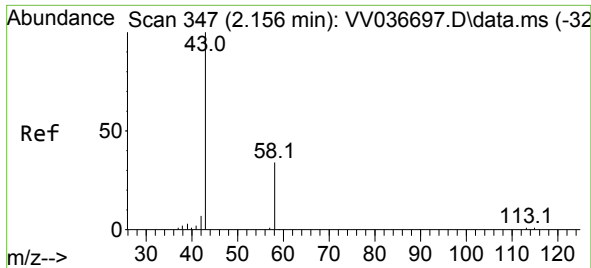
Instrument :  
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Quant Time: Jul 26 05:01:42 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072224SMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Jul 25 00:49:57 2024  
Response via : Initial Calibration





#13

Acetone

Concen: 4.834 ug/L

RT: 2.159 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV036704.D

Acq: 25 Jul 2024 13:54

Instrument :

MSVOA\_V

ClientSampleId :

E20H8RE

Tgt Ion: 43 Resp: 1037

Ion Ratio Lower Upper

43 100

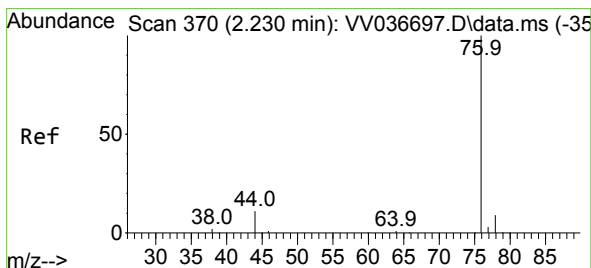
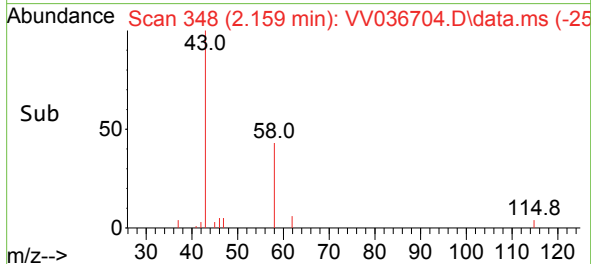
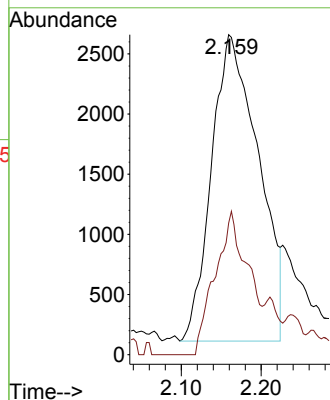
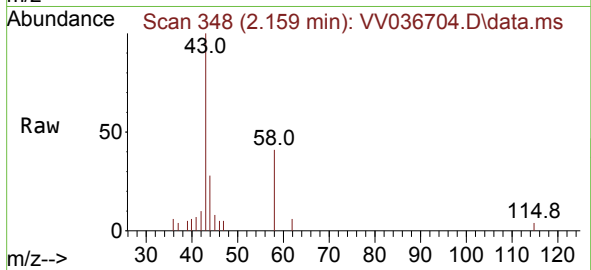
58 32.9 0.0 23.0

Manual Integrations

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#14

Carbon disulfide

Concen: 0.719 ug/L

RT: 2.230 min Scan# 370

Delta R.T. 0.000 min

Lab File: VV036704.D

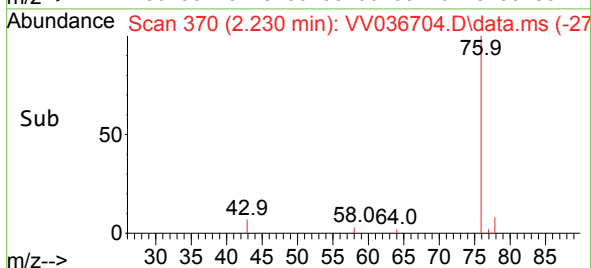
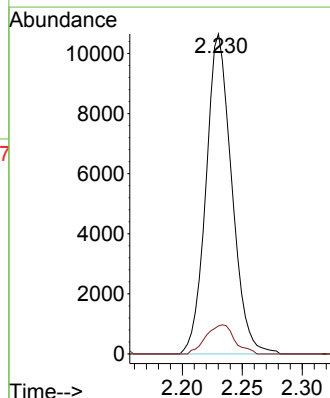
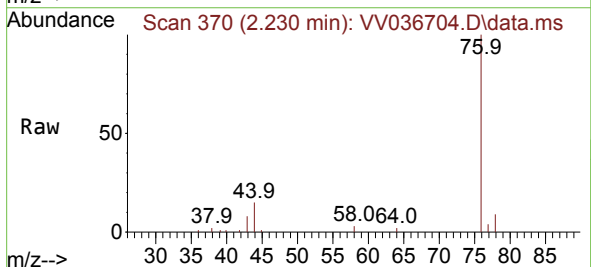
Acq: 25 Jul 2024 13:54

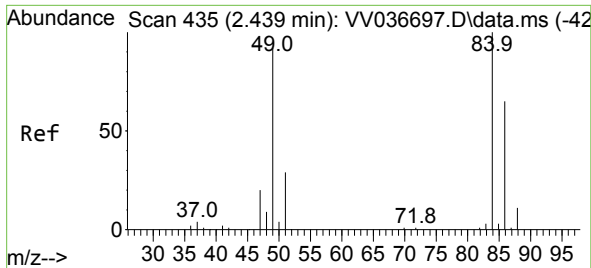
Tgt Ion: 76 Resp: 15918

Ion Ratio Lower Upper

76 100

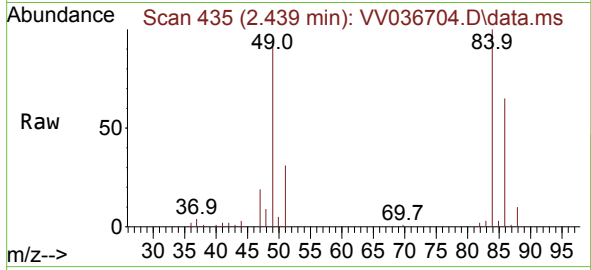
78 8.7 7.5 11.3





#16  
Methylene chloride  
Concen: 2.526 ug/L  
RT: 2.439 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VV036704.D  
Acq: 25 Jul 2024 13:54

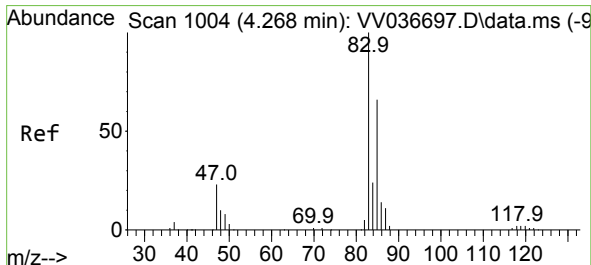
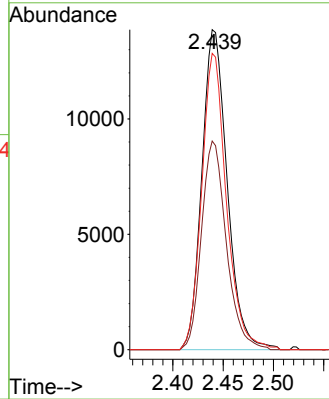
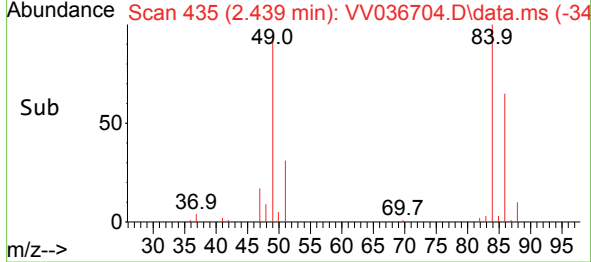
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Tgt Ion: 84 Resp: 24289  
Ion Ratio Lower Upper  
84 100  
86 65.2 47.2 87.6  
49 92.6 67.3 125.1

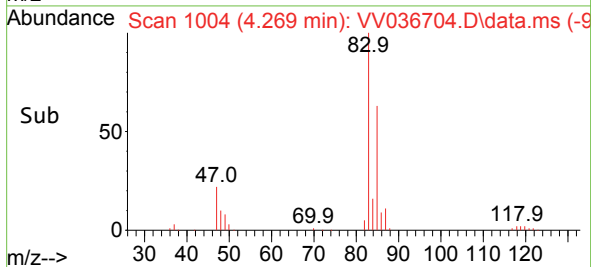
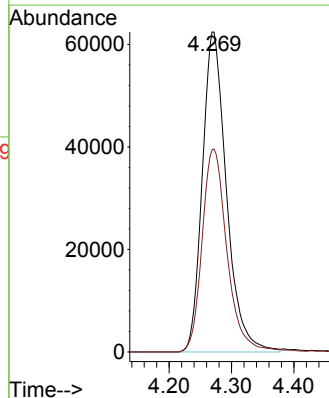
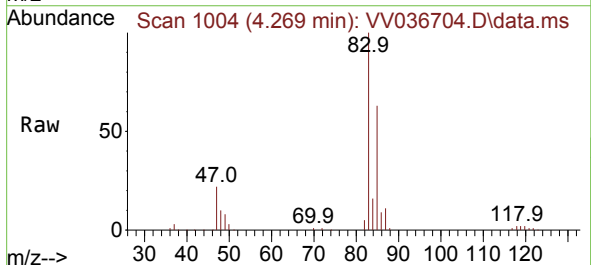
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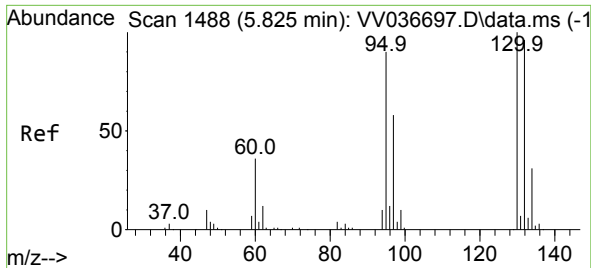
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#25  
Chloroform  
Concen: 11.007 ug/L  
RT: 4.269 min Scan# 1004  
Delta R.T. 0.003 min  
Lab File: VV036704.D  
Acq: 25 Jul 2024 13:54

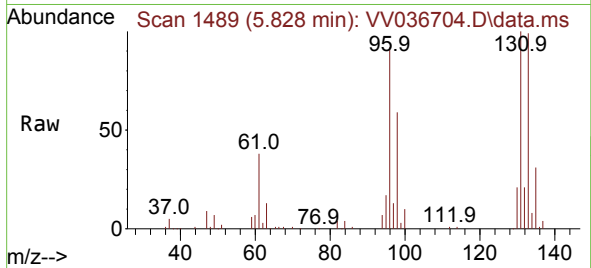
Tgt Ion: 83 Resp: 167843  
Ion Ratio Lower Upper  
83 100  
85 63.2 45.6 84.6





#34  
 Trichloroethene  
 Concen: 1.851 ug/L  
 RT: 5.828 min Scan# 1488  
 Delta R.T. 0.003 min  
 Lab File: VV036704.D  
 Acq: 25 Jul 2024 13:54

Instrument :  
 MSVOA\_V  
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Tgt Ion: 95 Resp: 17584

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 72.7  | 45.1  | 83.7  |
| 132 | 117.6 | 72.7  | 134.9 |
| 130 | 119.2 | 76.0  | 141.2 |

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