

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062924\  
 Data File : VU059626.D  
 Acq On : 28 Jun 2024 17:29  
 Operator : MD/SY  
 Sample : P3059-06  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E1GM6

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 07/01/2024  
 Supervised By :Semsettin Yesilyurt 07/01/2024

Quant Time: Jun 28 23:58:41 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061724WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Jun 28 23:55:24 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114            | 146736   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117            | 154239   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152            | 66765    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65             | 35471    | 3.476  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 69.600%  |          |
| 7) Chloroethane-d5            | 1.907  | 69             | 39593    | 4.033  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 80.600%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65             | 16650    | 3.933  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 78.600%  |          |
| 20) 2-Butanone-d5             | 4.618  | 46             | 113041   | 53.785 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 107.560% |          |
| 24) Chloroform-d              | 5.055  | 84             | 90076    | 4.301  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 86.000%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65             | 45827    | 4.543  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 90.800%  |          |
| 32) Benzene-d6                | 5.721  | 84             | 178811   | 4.212  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 84.200%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67             | 56974    | 4.380  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 87.600%  |          |
| 41) Toluene-d8                | 7.894  | 98             | 146751   | 3.719  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 74.400%  |          |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79             | 17645    | 4.332  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 86.600%  |          |
| 46) 2-Hexanone-d5             | 8.627  | 63             | 90520    | 53.487 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 106.980% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84             | 51784    | 4.818  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 96.400%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152            | 57183    | 4.812  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 96.200%  |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        | Qvalue   |          |
| 13) Acetone                   | 2.624  | 43             | 50357m   | 36.936 | ug/L     |          |
| 22) cis-1,2-Dichloroethene    | 4.663  | 96             | 9843     | 0.825  | ug/L     | 91       |
| 34) Trichloroethene           | 6.537  | 95             | 12033    | 0.949  | ug/L     | 95       |
| 37) 1,2-Dichloropropane       | 6.785  | 63             | 8971     | 0.740  | ug/L #   | 97       |
| 47) Tetrachloroethene         | 8.547  | 164            | 41780    | 4.245  | ug/L     | 97       |
| -----                         |        |                |          |        |          |          |

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

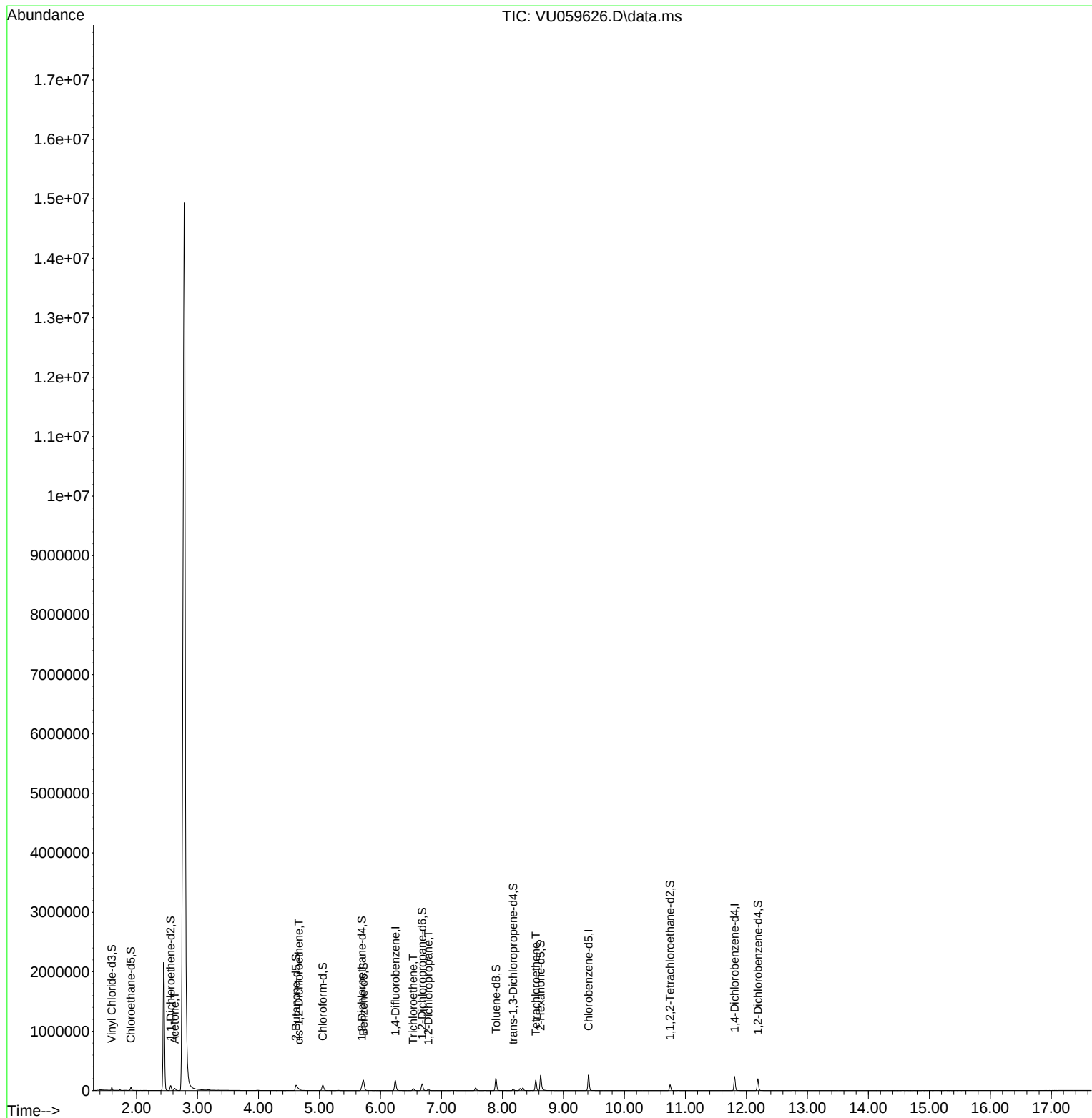
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062924\  
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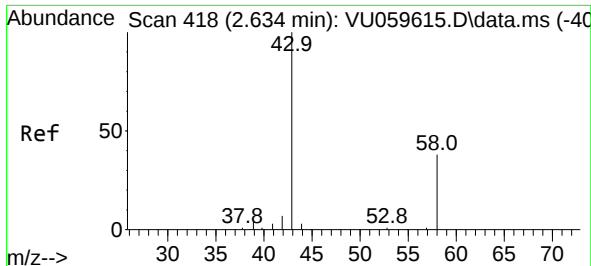
Instrument :  
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QLast Update : Fri Jun 28 23:55:24 2024  
Response via : Initial Calibration





#13

Acetone

Concen: 36.936 ug/L m

RT: 2.624 min Scan# 41

Delta R.T. -0.010 min

Lab File: VU059626.D

Acq: 28 Jun 2024 17:29

Instrument :

MSVOA\_U

ClientSampleId :

E1GM6

Tgt Ion: 43 Resp: 5035

Ion Ratio Lower Upper

43 100

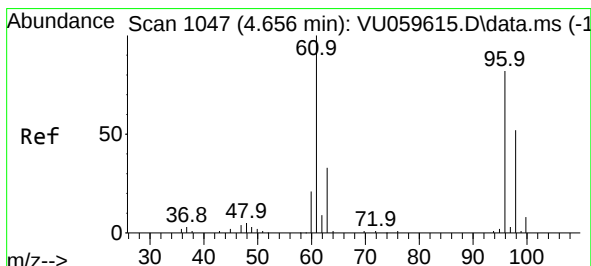
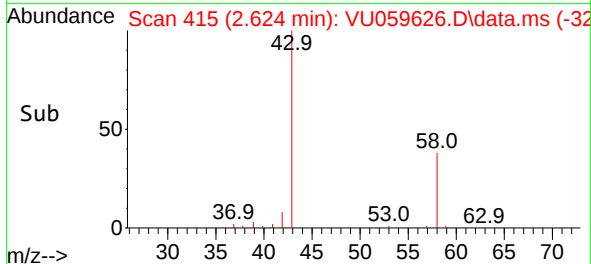
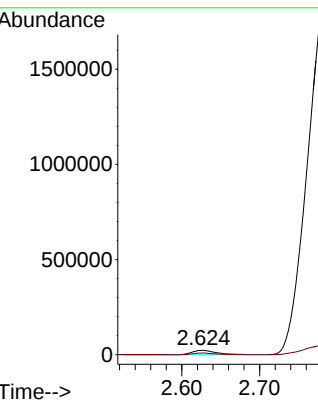
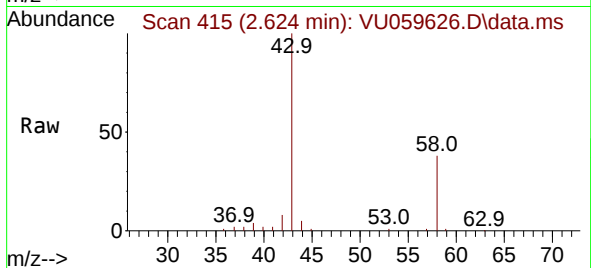
58 36.5 0.0 68.0

Manual Integrations

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#22

cis-1,2-Dichloroethene

Concen: 0.825 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.006 min

Lab File: VU059626.D

Acq: 28 Jun 2024 17:29

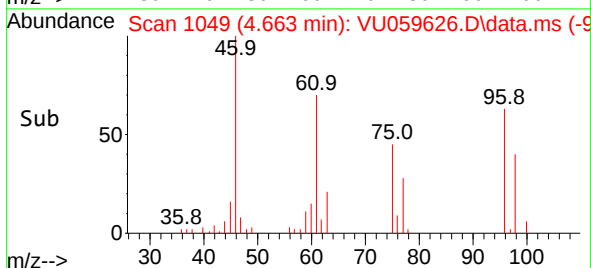
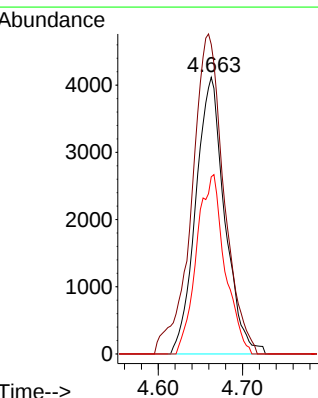
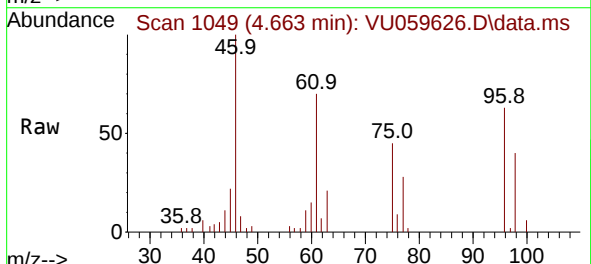
Tgt Ion: 96 Resp: 9843

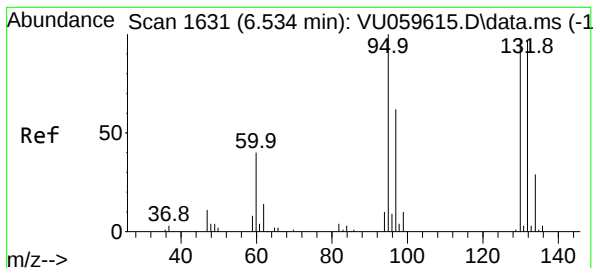
Ion Ratio Lower Upper

96 100

61 111.9 87.4 162.2

98 64.0 42.3 78.5





#34

Trichloroethene

Concen: 0.949 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU059626.D

Acq: 28 Jun 2024 17:29

Instrument :

MSVOA\_U

ClientSampleId :

E1GM6

Tgt Ion: 95 Resp: 1203

Ion Ratio Lower Upper

95 100

97 62.5 45.3 84.1

132 99.6 64.0 119.0

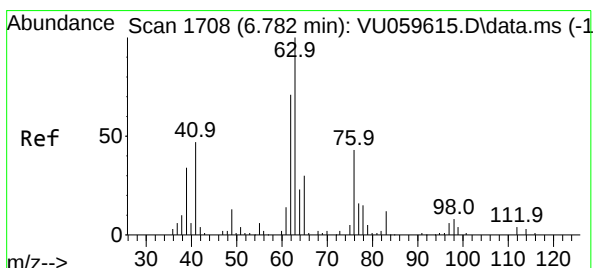
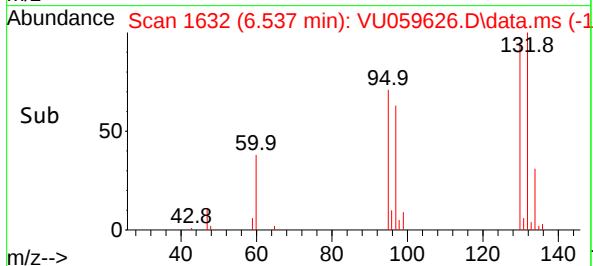
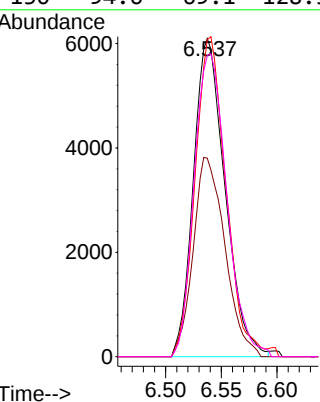
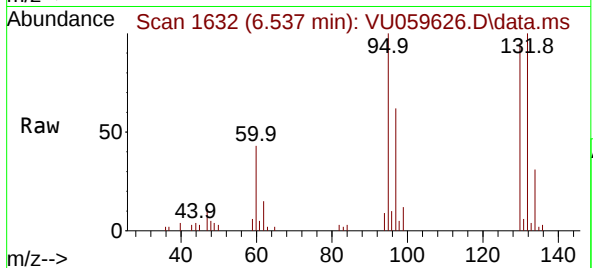
130 94.6 69.1 128.3

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#37

1,2-Dichloropropane

Concen: 0.740 ug/L

RT: 6.785 min Scan# 1709

Delta R.T. 0.003 min

Lab File: VU059626.D

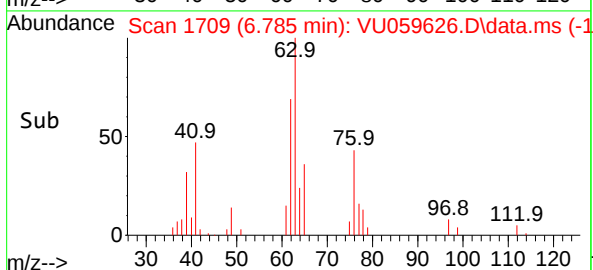
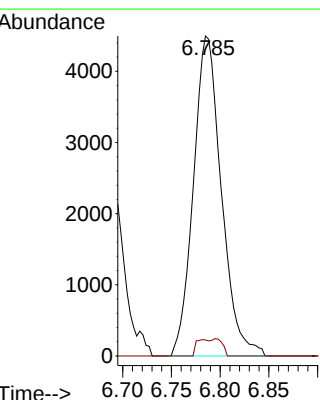
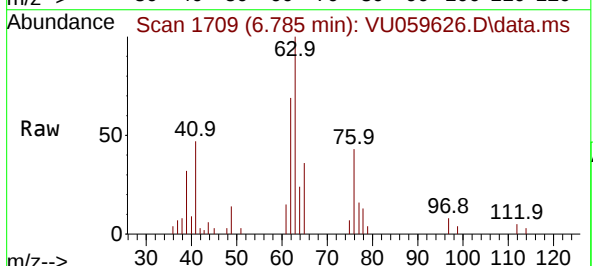
Acq: 28 Jun 2024 17:29

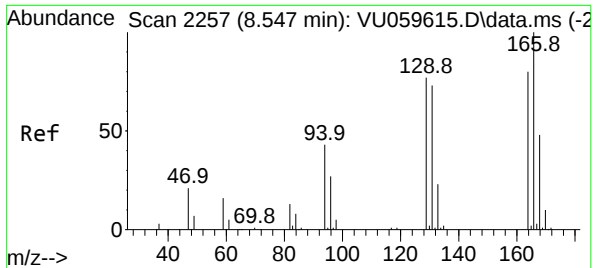
Tgt Ion: 63 Resp: 8971

Ion Ratio Lower Upper

63 100

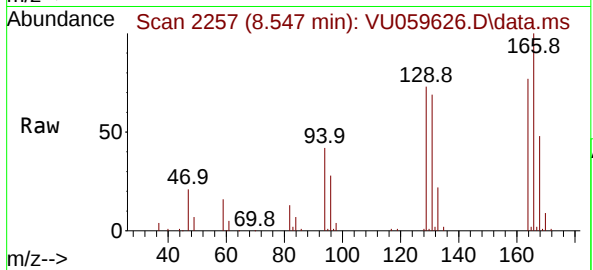
112 2.4 2.6 3.8#





#47  
Tetrachloroethene  
Concen: 4.245 ug/L  
RT: 8.547 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU059626.D  
Acq: 28 Jun 2024 17:29

Instrument :  
MSVOA\_U  
ClientSampleId :  
E1GM6



Tgt Ion:164 Resp: 41780

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 95.0  | 70.8  | 131.4 |
| 131 | 90.1  | 64.8  | 120.3 |
| 166 | 130.5 | 91.1  | 169.1 |

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