

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062521\  
 Data File : VW019337.D  
 Acq On : 25 Jun 2021 18:35  
 Operator : SY/VA  
 Sample : M2808-18  
 Misc : 4.36G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGD7

Manual Integrations  
 APPROVED

MMDadoda  
 6/28/2021 11:58:37 AM

Quant Time: Jun 26 00:41:43 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM060221SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Jun 26 00:36:39 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 463651     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 387331     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 128004     | 25.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 2.361          | 65   | 123544     | 20.151   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 80.600%  |       |          |
| 7) Chloroethane-d5            | 2.897          | 69   | 110036m    | 21.072   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 84.280%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.025          | 63   | 181445     | 14.895   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 59.600%  |       |          |
| 21) 2-Butanone-d5             | 7.080          | 46   | 63692      | 39.659   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 79.320%  |       |          |
| 24) Chloroform-d              | 7.653          | 84   | 286344     | 22.971   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 91.880%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.311          | 65   | 151361     | 21.647   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 86.600%  |       |          |
| 32) Benzene-d6                | 8.281          | 84   | 552963     | 25.057   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 100.240% |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.274          | 67   | 170476     | 25.482   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 101.920% |       |          |
| 41) Toluene-d8                | 10.323         | 98   | 460102     | 22.702   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 90.800%  |       |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 60754      | 20.968   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 83.880%  |       |          |
| 47) 2-Hexanone-d5             | 10.927         | 63   | 49144      | 43.319   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 86.640%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695         | 84   | 111046     | 20.122   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 80.480%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 100344     | 22.459   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 89.840%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 13) Acetone                   | 4.123          | 43   | 39400      | 27.686   | ug/L  | 89       |
| 14) Carbon disulfide          | 4.397          | 76   | 10593      | 0.510    | ug/L  | 98       |
| 16) Methylene chloride        | 4.922          | 84   | 15940      | 1.853    | ug/L  | 94       |
| 22) 2-Butanone                | 7.171          | 43   | 18655      | 9.804    | ug/L  | 97       |
| 42) Toluene                   | 10.390         | 91   | 101971     | 3.720    | ug/L  | 100      |
| -----                         |                |      |            |          |       |          |

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

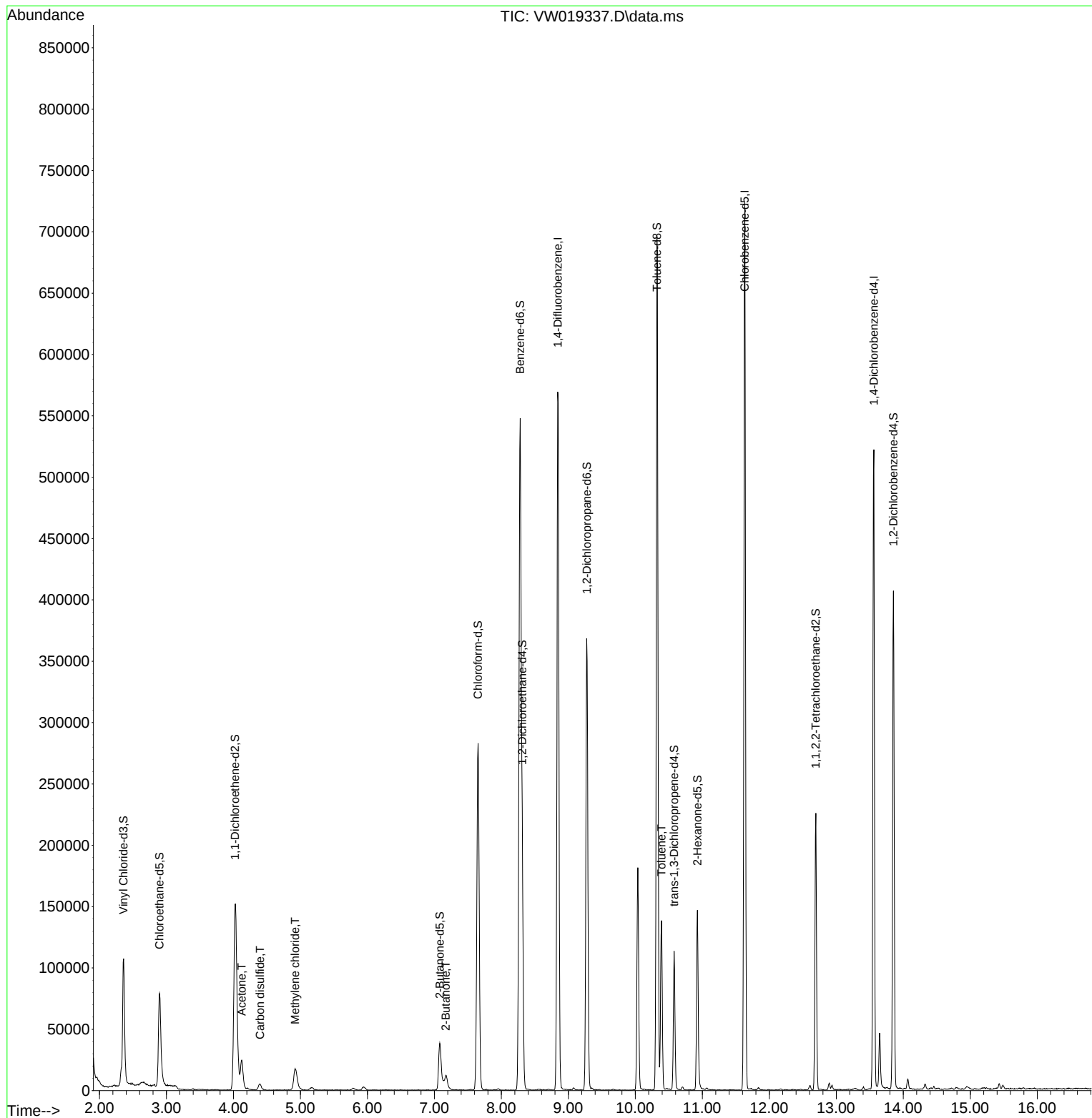
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062521\  
Data File : VW019337.D  
Acq On : 25 Jun 2021 18:35  
Operator : SY/VA  
Sample : M2808-18  
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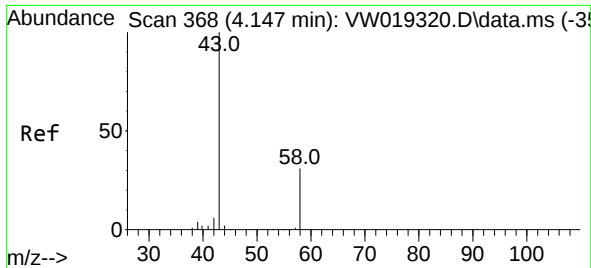
Instrument :  
MSVOA\_W  
ClientSampleId :  
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Quant Time: Jun 26 00:41:43 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM060221SMA.M  
Quant Title : SFAM01.0  
QLast Update : Sat Jun 26 00:36:39 2021  
Response via : Initial Calibration





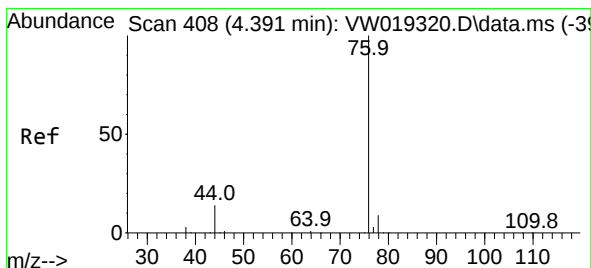
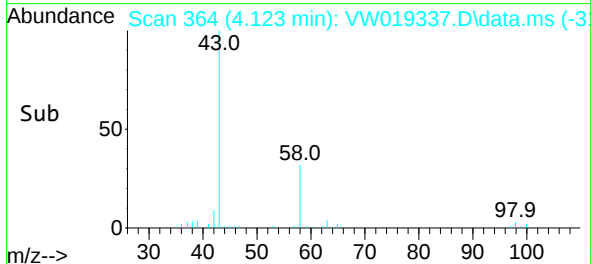
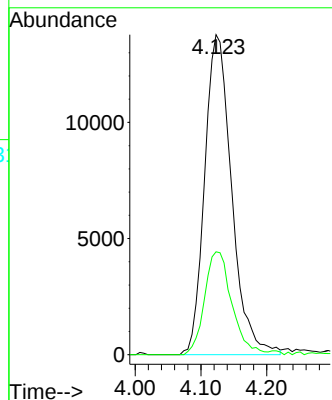
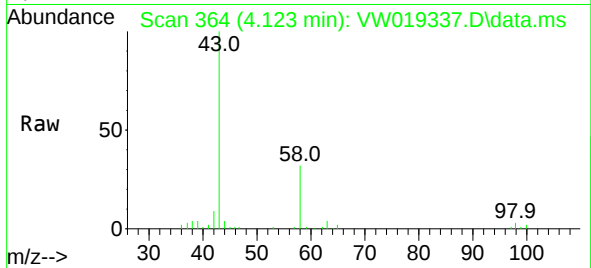
#13  
Acetone  
Concen: 27.686 ug/L  
RT: 4.123 min Scan# 364  
Delta R.T. -0.025 min  
Lab File: VW019337.D  
Acq: 25 Jun 2021 18:35

Tgt Ion: 43 Resp: 39400  
Ion Ratio Lower Upper  
43 100  
58 32.4 0.0 53.8

Instrument :  
MSVOA\_W  
ClientSampleId :  
BGDP7

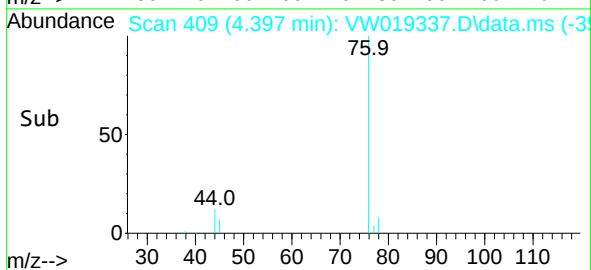
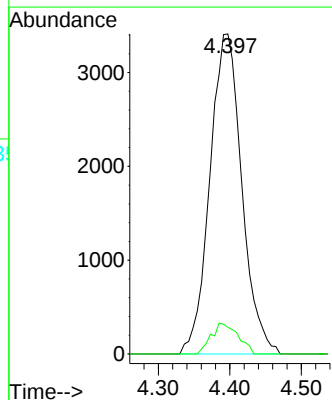
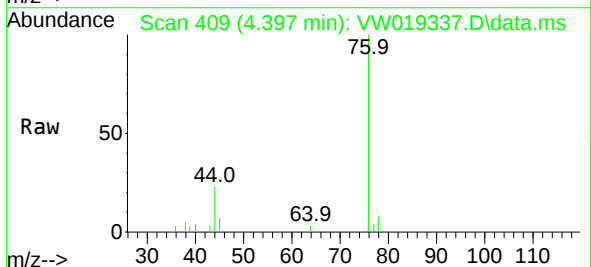
Manual Integrations  
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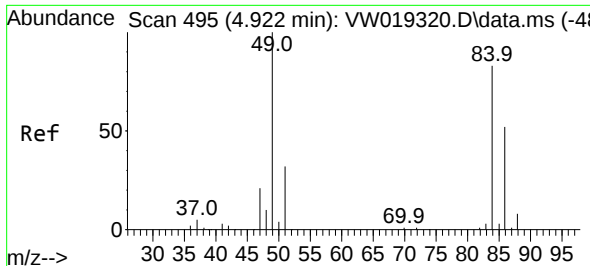
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#14  
Carbon disulfide  
Concen: 0.510 ug/L  
RT: 4.397 min Scan# 409  
Delta R.T. 0.006 min  
Lab File: VW019337.D  
Acq: 25 Jun 2021 18:35

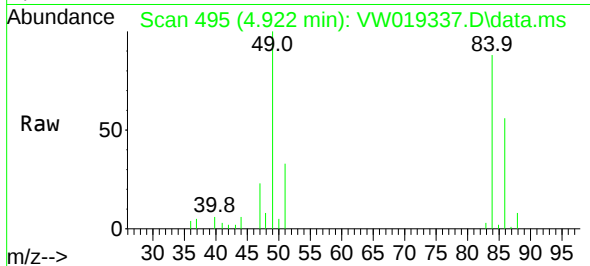
Tgt Ion: 76 Resp: 10593  
Ion Ratio Lower Upper  
76 100  
78 8.4 7.4 11.0





#16  
Methylene chloride  
Concen: 1.853 ug/L  
RT: 4.922 min Scan# 495  
Delta R.T. -0.000 min  
Lab File: VW019337.D  
Acq: 25 Jun 2021 18:35

Instrument :  
MSVOA\_W  
ClientSampled :  
BGDP7

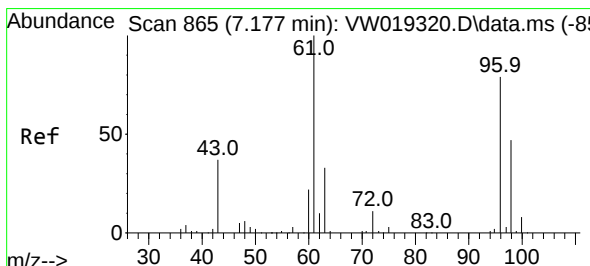
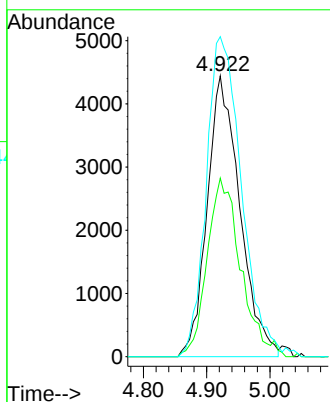
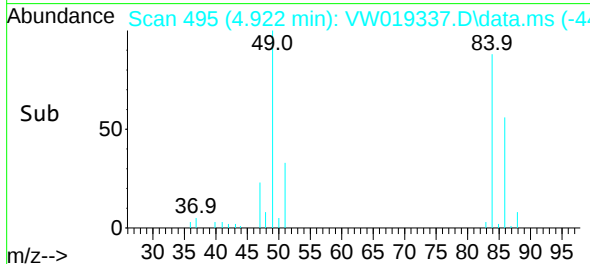


Tgt Ion: 84 Resp: 15940

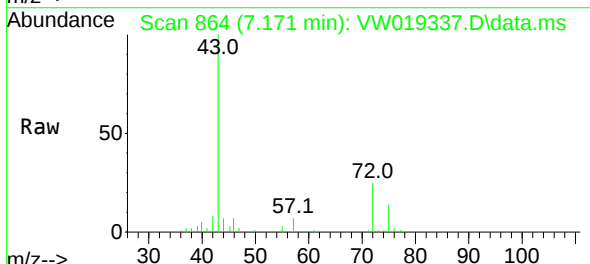
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 86  | 63.5  | 45.3  | 84.1  |
| 49  | 113.9 | 86.6  | 160.8 |

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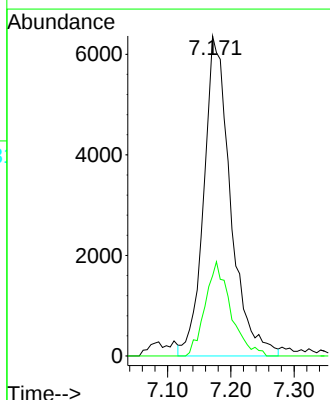
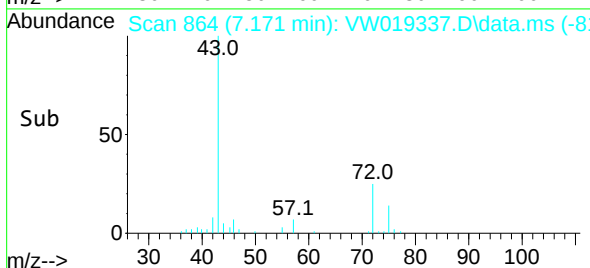


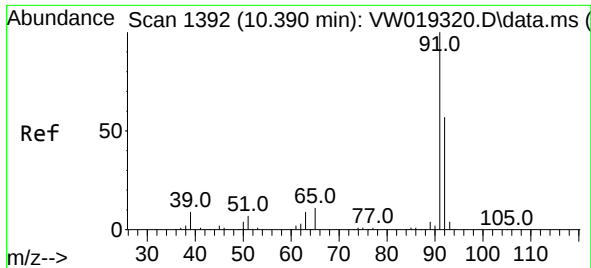
#22  
2-Butanone  
Concen: 9.804 ug/L  
RT: 7.171 min Scan# 864  
Delta R.T. -0.006 min  
Lab File: VW019337.D  
Acq: 25 Jun 2021 18:35



Tgt Ion: 43 Resp: 18655

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 72  | 28.1  | 14.9  | 44.7  |





#42  
Toluene  
Concen: 3.720 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. -0.000 min  
Lab File: VW019337.D  
Acq: 25 Jun 2021 18:35

Tgt Ion: 91 Resp: 101971  
Ion Ratio Lower Upper  
91 100  
92 56.6 39.5 73.3

Instrument :  
MSVOA\_W  
ClientSampleId :  
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