

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW020224\  
 Data File : VW033961.D  
 Acq On : 02 Feb 2024 10:55  
 Operator : SY/MD  
 Sample : P1310-09  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Feb 03 03:34:40 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM011024WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Feb 03 01:42:15 2024  
 Response via : Initial Calibration

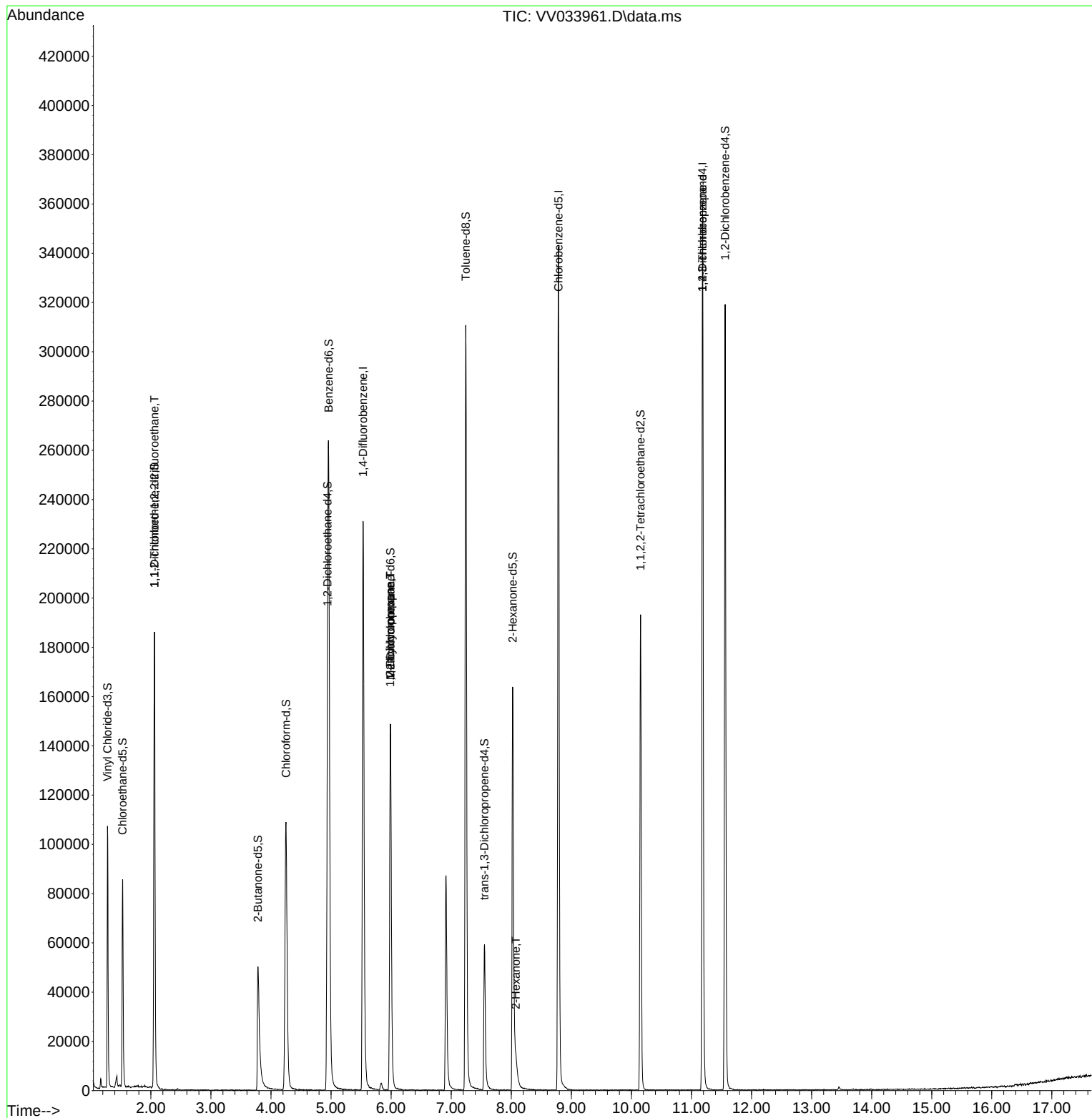
| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 5.532          | 114  | 193394     | 50.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.786          | 117  | 179905     | 50.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185         | 152  | 90560      | 50.000  | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 70582      | 47.488  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 94.980% |        |          |
| 7) Chloroethane-d5            | 1.529          | 69   | 53996      | 45.874  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 91.740% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.059          | 65   | 30969      | 48.414  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 96.820% |        |          |
| 21) 2-Butanone-d5             | 3.783          | 46   | 82208      | 80.637  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 80.640% |        |          |
| 24) Chloroform-d              | 4.249          | 84   | 115997     | 43.645  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.300% |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.940          | 65   | 81177      | 47.272  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 94.540% |        |          |
| 32) Benzene-d6                | 4.960          | 84   | 226557     | 44.296  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 88.600% |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.989          | 67   | 69302      | 41.164  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 82.320% |        |          |
| 41) Toluene-d8                | 7.243          | 98   | 207373     | 45.000  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 90.000% |        |          |
| 43) trans-1,3-Dichloroprop... | 7.554          | 79   | 34362      | 41.298  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 82.600% |        |          |
| 47) 2-Hexanone-d5             | 8.024          | 63   | 54963      | 78.706  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 78.710% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.152         | 84   | 88508      | 41.180  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 82.360% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561         | 152  | 77769      | 45.262  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 90.520% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.059          | 101  | 946        | 0.769   | ug/L # | 21       |
| 35) Methylcyclohexane         | 5.989          | 83   | 17559      | 7.239   | ug/L # | 16       |
| 37) 1,2-Dichloropropane       | 5.985          | 63   | 8464       | 5.821   | ug/L # | 88       |
| 48) 2-Hexanone                | 8.079          | 43   | 7218       | 4.204   | ug/L # | 52       |
| 61) 1,2,3-Trichloropropane    | 11.185         | 75   | 10631      | 6.615   | ug/L # | 65       |
| -----                         |                |      |            |         |        |          |

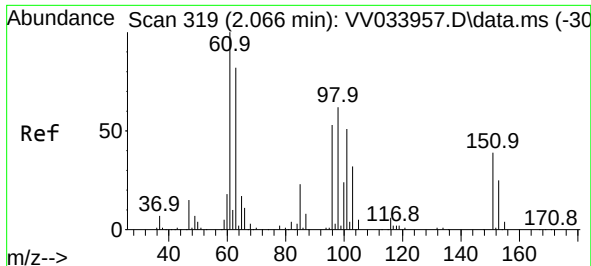
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 6 Sample Multiplier: 1

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MSVOA\_V  
ClientSampleId :

Quant Time: Feb 03 03:34:40 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM011024WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Feb 03 01:42:15 2024  
Response via : Initial Calibration

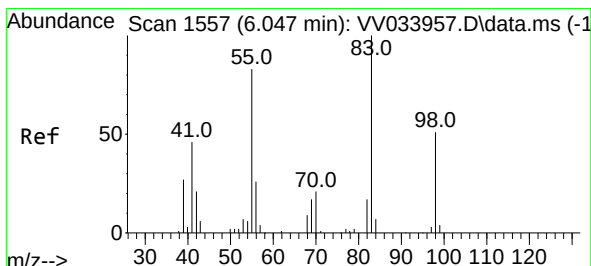
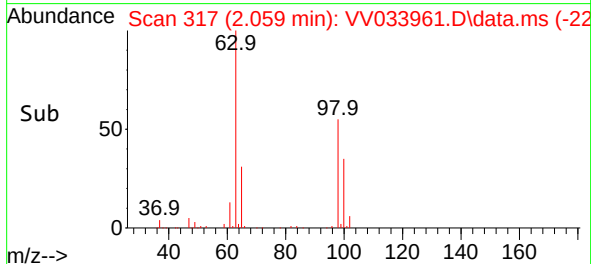
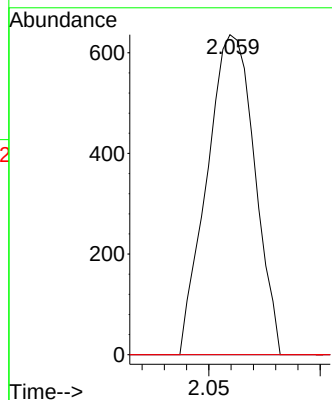
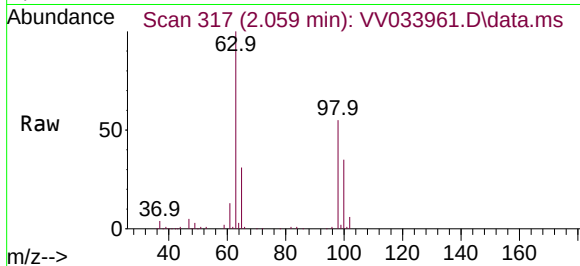




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.769 ug/L  
 RT: 2.059 min Scan# 31  
 Delta R.T. -0.007 min  
 Lab File: VV033961.D  
 Acq: 02 Feb 2024 10:55

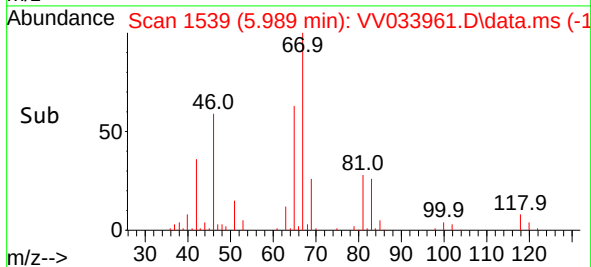
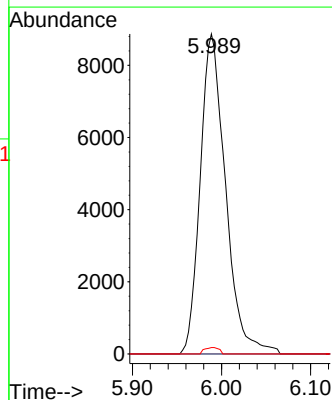
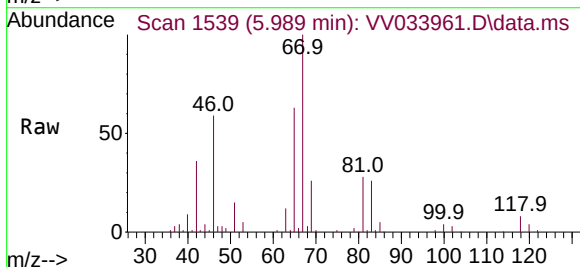
Instrument :  
 MSVOA\_V  
 ClientSampleId :

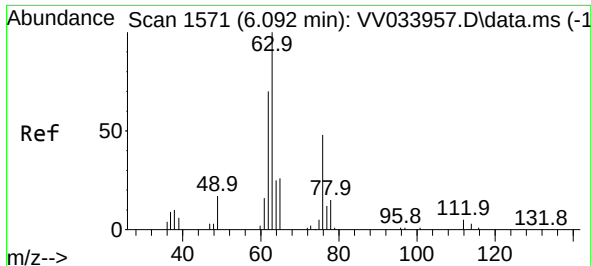
Tgt Ion:101 Resp: 946  
 Ion Ratio Lower Upper  
 101 100  
 85 0.0 36.2 54.4#  
 151 0.0 56.5 84.7#



#35  
 Methylcyclohexane  
 Concen: 7.239 ug/L  
 RT: 5.989 min Scan# 1539  
 Delta R.T. -0.058 min  
 Lab File: VV033961.D  
 Acq: 02 Feb 2024 10:55

Tgt Ion: 83 Resp: 17559  
 Ion Ratio Lower Upper  
 83 100  
 55 0.0 67.1 100.7#  
 98 1.2 37.7 56.5#

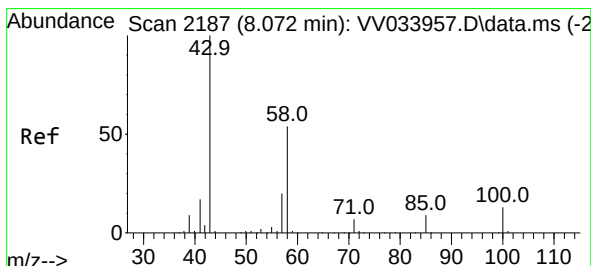
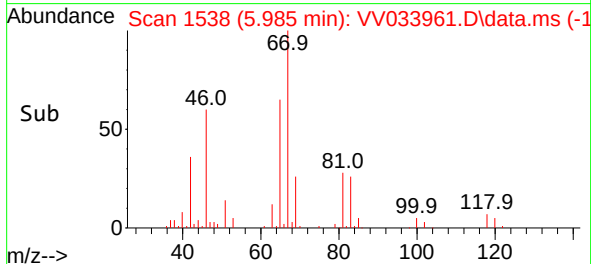
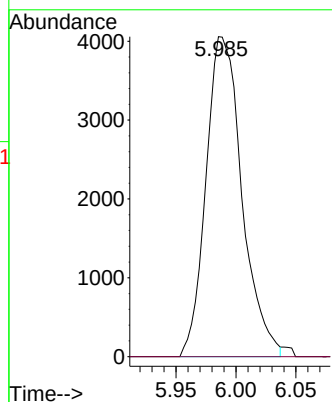
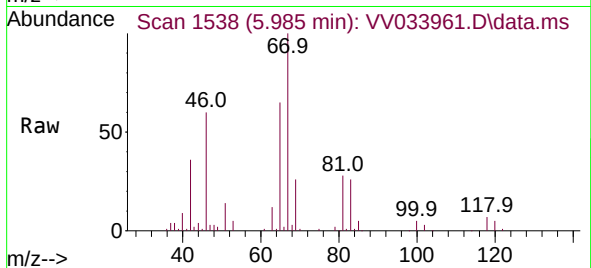




#37  
1,2-Dichloropropane  
Concen: 5.821 ug/L  
RT: 5.985 min Scan# 11  
Delta R.T. -0.106 min  
Lab File: VV033961.D  
Acq: 02 Feb 2024 10:55

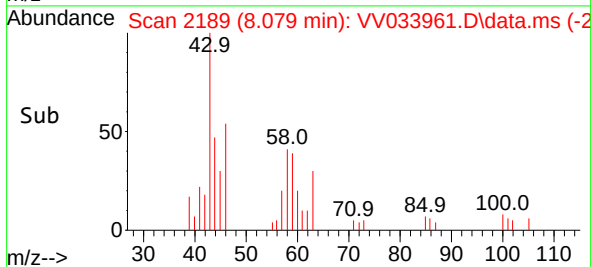
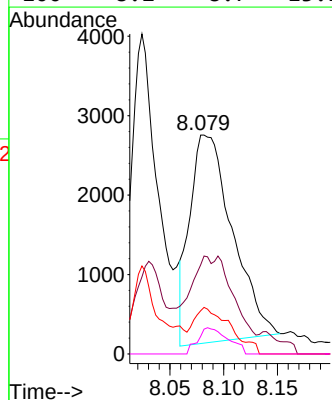
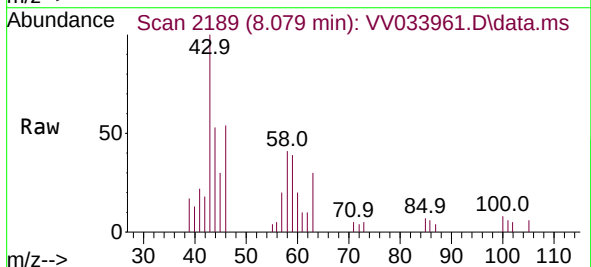
Instrument :  
MSVOA\_V  
ClientSampleId :

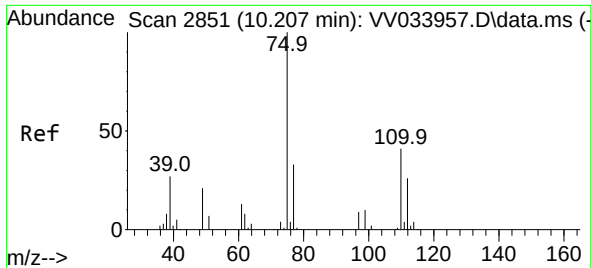
Tgt Ion: 63 Resp: 8464  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.1 4.7#



#48  
2-Hexanone  
Concen: 4.204 ug/L  
RT: 8.079 min Scan# 2189  
Delta R.T. 0.006 min  
Lab File: VV033961.D  
Acq: 02 Feb 2024 10:55

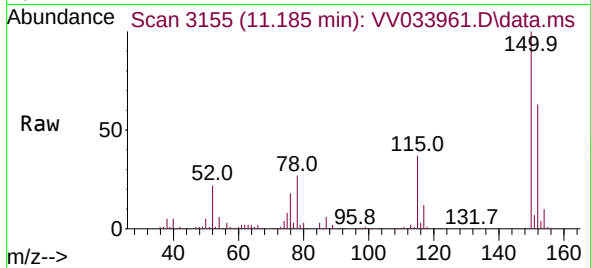
Tgt Ion: 43 Resp: 7218  
Ion Ratio Lower Upper  
43 100  
58 8.0 42.3 63.5#  
57 6.1 14.2 21.2#  
100 8.2 8.7 13.1#





#61  
1,2,3-Trichloropropane  
Concen: 6.615 ug/L  
RT: 11.185 min Scan# 31  
Delta R.T. 0.977 min  
Lab File: VV033961.D  
Acq: 02 Feb 2024 10:55

Instrument :  
MSVOA\_V  
ClientSampleId :



Tgt Ion: 75 Resp: 10631  
Ion Ratio Lower Upper  
75 100  
77 37.0 25.3 37.9  
110 3.0 29.5 44.3#

