

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092523\  
 Data File : VX037890.D  
 Acq On : 25 Sep 2023 12:33  
 Operator : JC/MD  
 Sample : 04595-06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Sep 26 06:57:21 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091523W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 16 04:55:44 2023  
 Response via : Initial Calibration

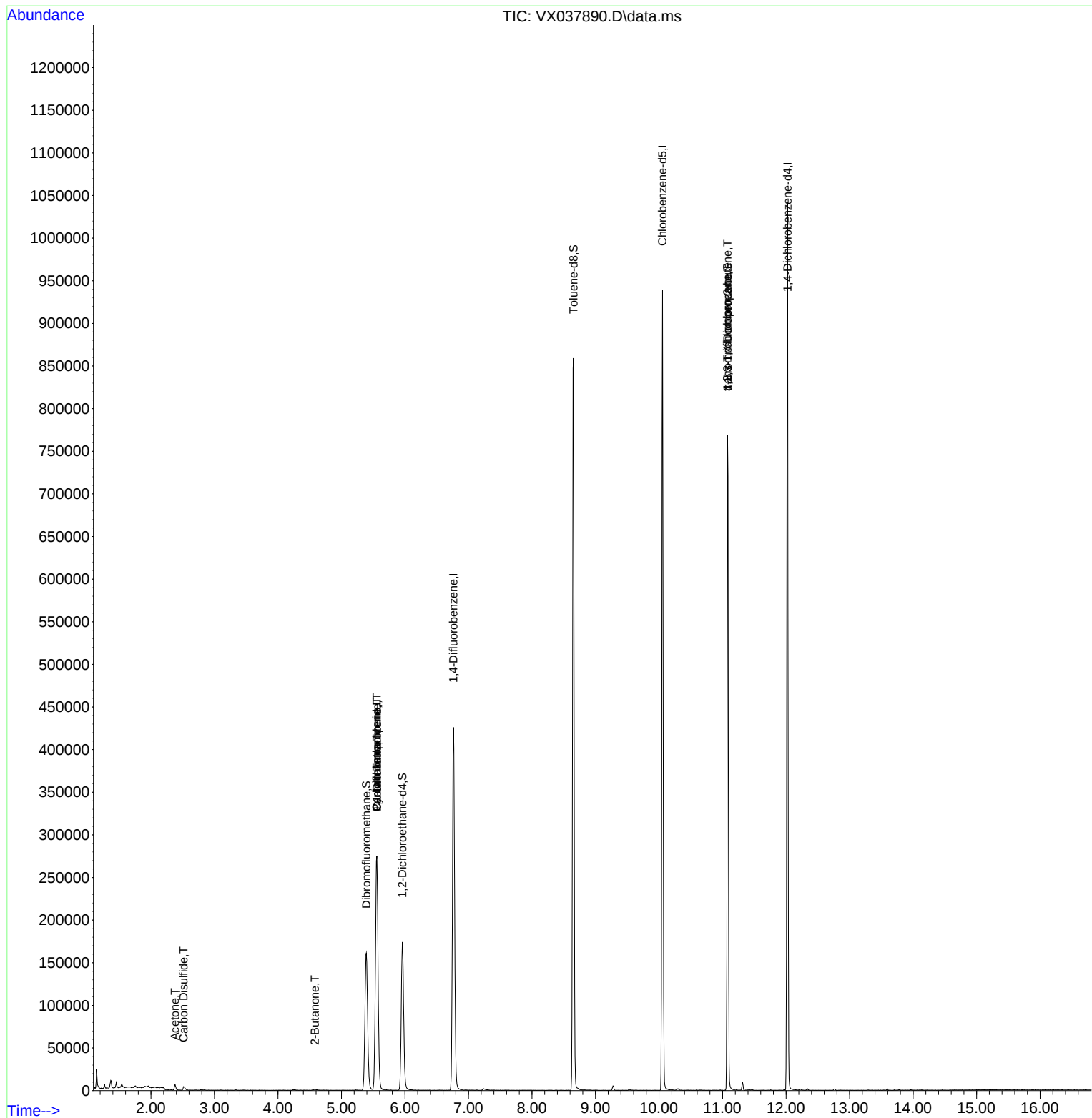
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) Pentafluorobenzene         | 5.556  | 168            | 265052   | 50.000 | ug/l     | # 0.00   |
| 34) 1,4-Difluorobenzene       | 6.763  | 114            | 448044   | 50.000 | ug/l     | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117            | 424285   | 50.000 | ug/l     | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152            | 218563   | 50.000 | ug/l     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 33) 1,2-Dichloroethane-d4     | 5.958  | 65             | 164344   | 47.193 | ug/l     | 0.00     |
| Spiked Amount                 | 50.000 | Range 78 - 117 | Recovery | =      | 94.380%  |          |
| 35) Dibromofluoromethane      | 5.391  | 113            | 143817   | 47.973 | ug/l     | 0.00     |
| Spiked Amount                 | 50.000 | Range 75 - 124 | Recovery | =      | 95.940%  |          |
| 50) Toluene-d8                | 8.653  | 98             | 535259   | 48.053 | ug/l     | 0.00     |
| Spiked Amount                 | 50.000 | Range 92 - 112 | Recovery | =      | 96.100%  |          |
| 62) 4-Bromofluorobenzene      | 11.079 | 95             | 202958   | 50.141 | ug/l     | 0.00     |
| Spiked Amount                 | 50.000 | Range 83 - 123 | Recovery | =      | 100.280% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        |          | Qvalue   |
| 16) Acetone                   | 2.380  | 43             | 6663     | 3.977  | ug/l     | # 85     |
| 17) Carbon Disulfide          | 2.514  | 76             | 3740     | 0.577  | ug/l     | # 90     |
| 25) 2-Butanone                | 4.580  | 43             | 822      | 0.348  | ug/l     | 91       |
| 31) Cyclohexane               | 5.556  | 56             | 5797     | 1.297  | ug/l     | # 1      |
| 36) 1,1-Dichloropropene       | 5.556  | 75             | 20545    | 4.975  | ug/l     | # 51     |
| 38) Carbon Tetrachloride      | 5.556  | 117            | 26510    | 6.135  | ug/l     | # 15     |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75             | 101389   | 20.057 | ug/l     | # 39     |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75             | 101389   | 64.249 | ug/l     | # 5      |
| -----                         |        |                |          |        |          |          |

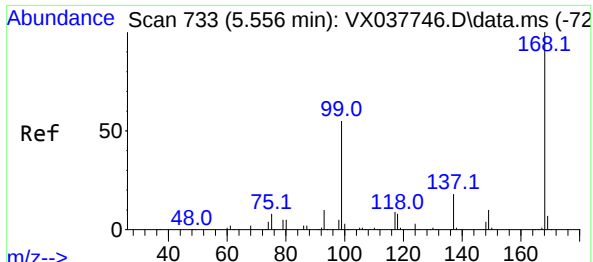
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
ClientSampleId :

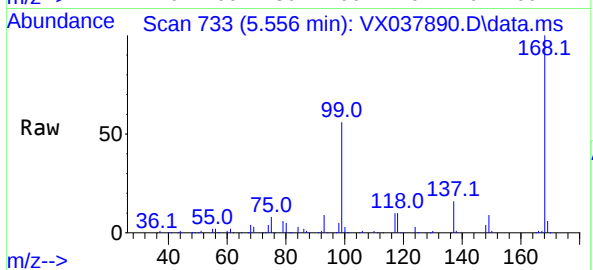
Quant Time: Sep 26 06:57:21 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091523W.M  
Quant Title : SW846 8260  
QLast Update : Sat Sep 16 04:55:44 2023  
Response via : Initial Calibration



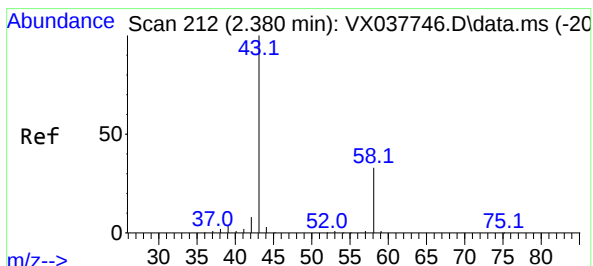
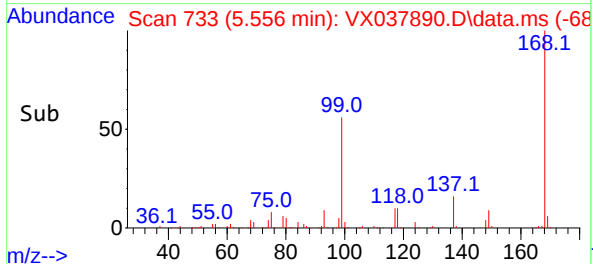
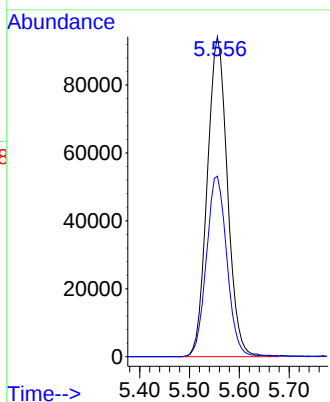


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX037890.D  
Acq: 25 Sep 2023 12:33

Instrument :  
MSVOA\_X  
ClientSampleId :

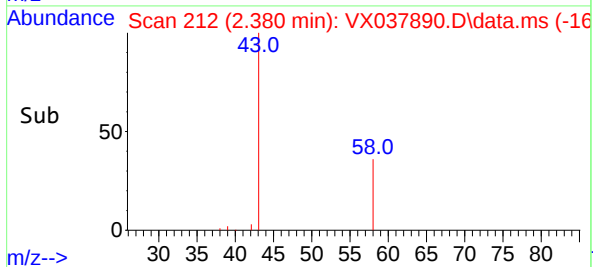
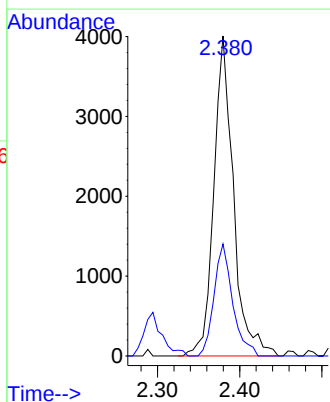
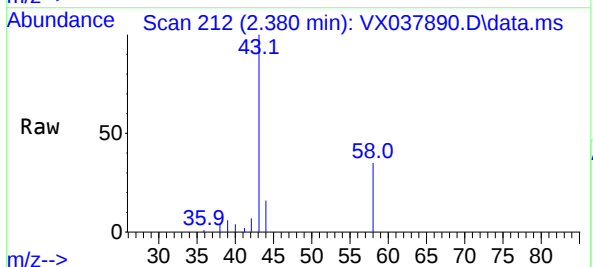


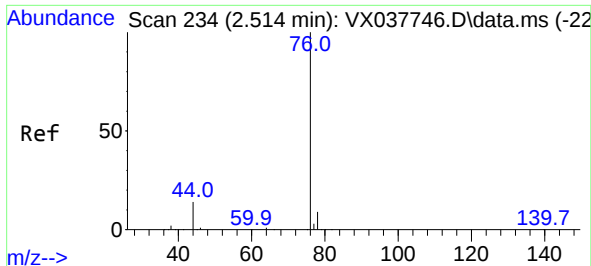
Tgt Ion:168 Resp: 265052  
Ion Ratio Lower Upper  
168 100  
99 56.4 56.6 85.0#



#16  
Acetone  
Concen: 3.977 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX037890.D  
Acq: 25 Sep 2023 12:33

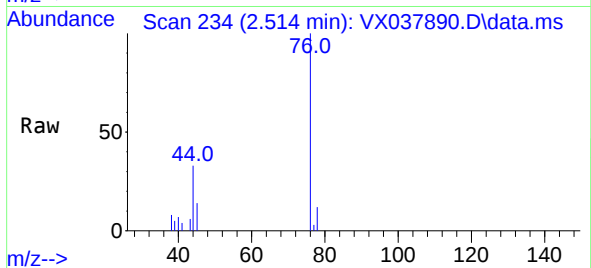
Tgt Ion: 43 Resp: 6663  
Ion Ratio Lower Upper  
43 100  
58 35.0 21.9 32.9#



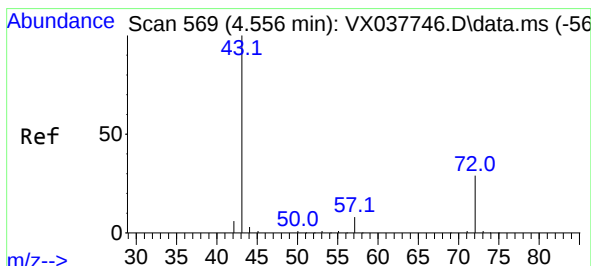
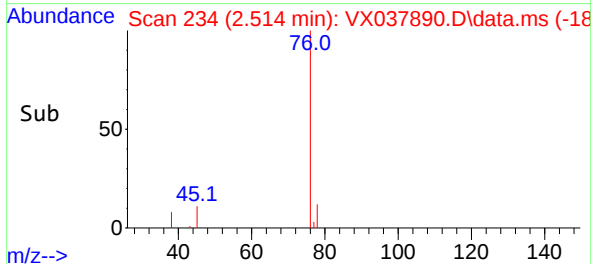
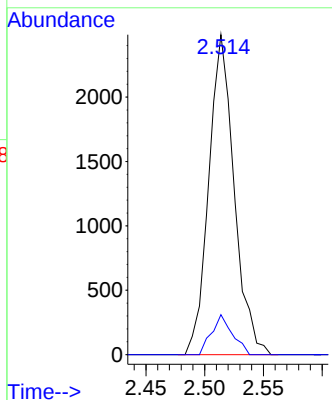


#17  
Carbon Disulfide  
Concen: 0.577 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX037890.D  
Acq: 25 Sep 2023 12:33

Instrument :  
MSVOA\_X  
ClientSampleId :

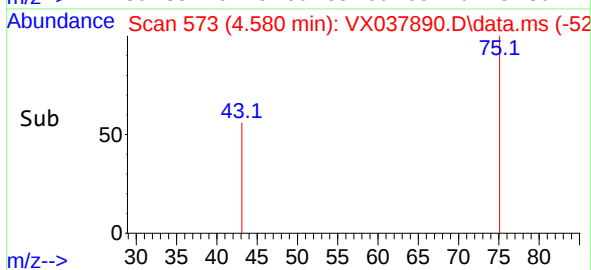
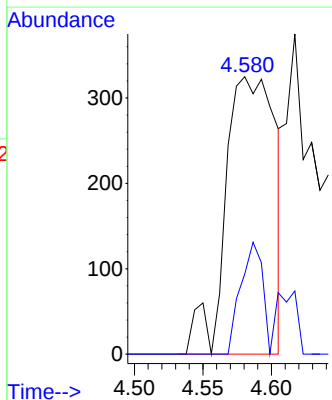
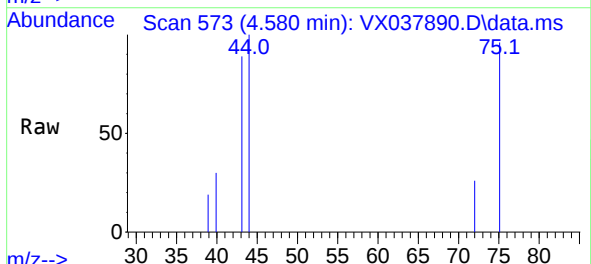


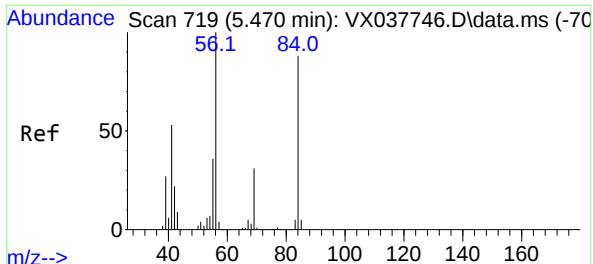
Tgt Ion: 76 Resp: 3740  
Ion Ratio Lower Upper  
76 100  
78 12.5 7.0 10.6#



#25  
2-Butanone  
Concen: 0.348 ug/l  
RT: 4.580 min Scan# 573  
Delta R.T. 0.012 min  
Lab File: VX037890.D  
Acq: 25 Sep 2023 12:33

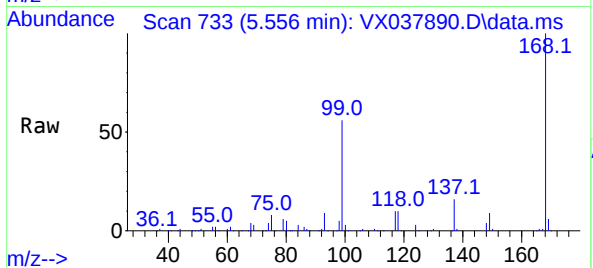
Tgt Ion: 43 Resp: 822  
Ion Ratio Lower Upper  
43 100  
72 28.9 19.4 29.2



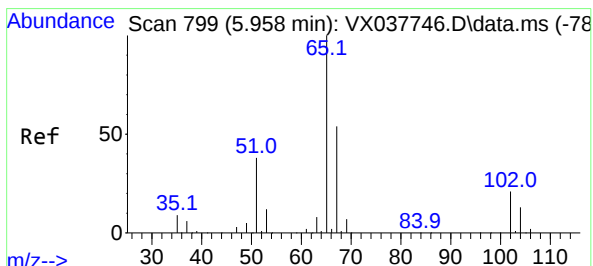
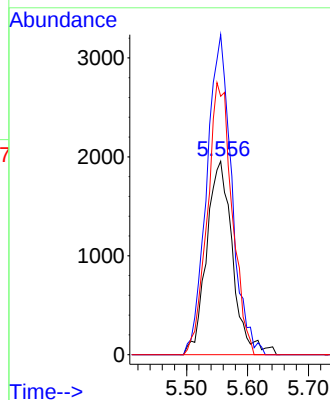
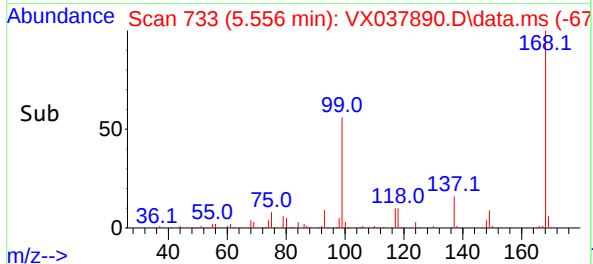


#31  
Cyclohexane  
Concen: 1.297 ug/l  
RT: 5.556 min Scan# 719  
Delta R.T. 0.085 min  
Lab File: VX037890.D  
Acq: 25 Sep 2023 12:33

Instrument :  
MSVOA\_X  
ClientSampleId :

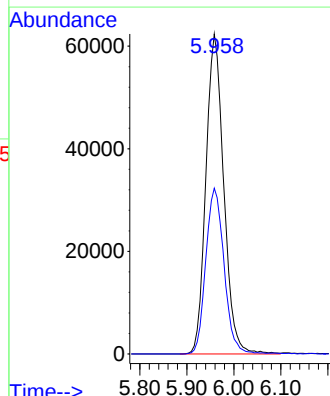
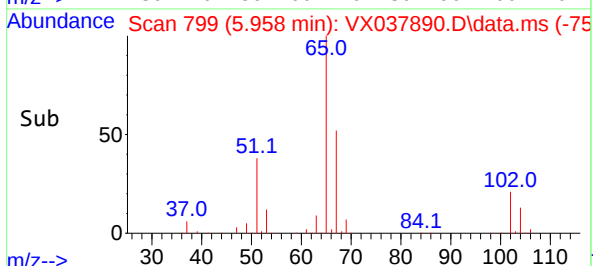
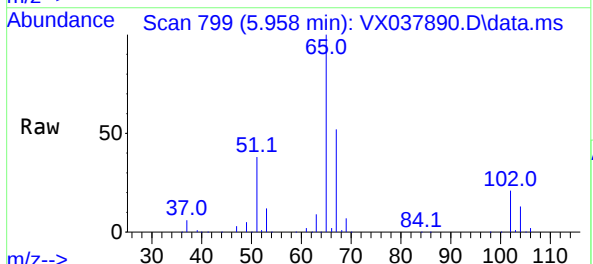


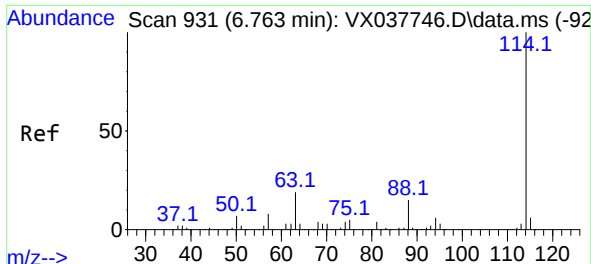
Tgt Ion: 56 Resp: 5797  
Ion Ratio Lower Upper  
56 100  
69 165.5 23.4 35.2#  
84 133.7 65.9 98.9#



#33  
1,2-Dichloroethane-d4  
Concen: 47.193 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX037890.D  
Acq: 25 Sep 2023 12:33

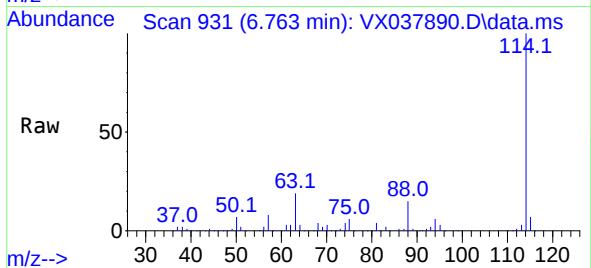
Tgt Ion: 65 Resp: 164344  
Ion Ratio Lower Upper  
65 100  
67 52.9 0.0 100.2



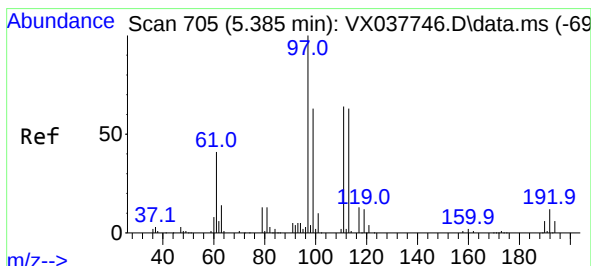
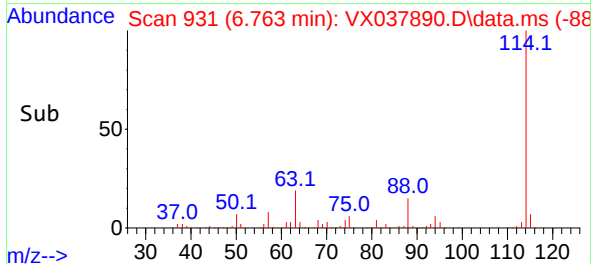
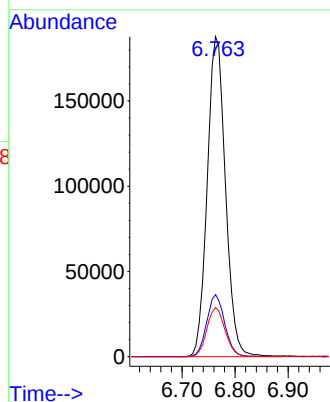


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX037890.D  
Acq: 25 Sep 2023 12:33

Instrument :  
MSVOA\_X  
ClientSampleId :

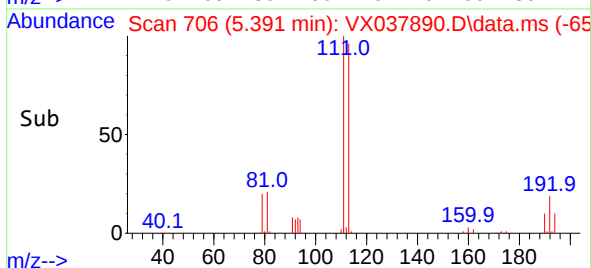
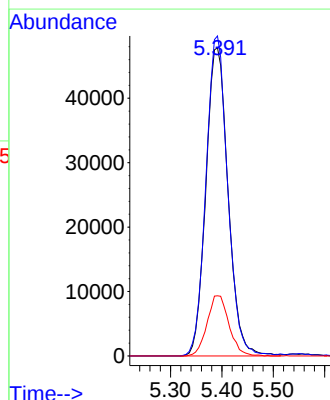
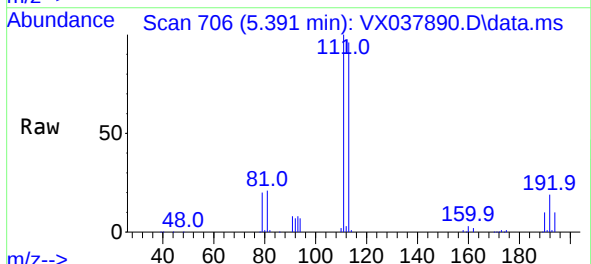


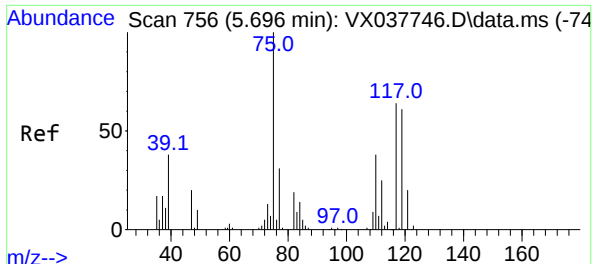
Tgt Ion:114 Resp: 448044  
Ion Ratio Lower Upper  
114 100  
63 19.4 0.0 45.0  
88 15.4 0.0 36.6



#35  
Dibromofluoromethane  
Concen: 47.973 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX037890.D  
Acq: 25 Sep 2023 12:33

Tgt Ion:113 Resp: 143817  
Ion Ratio Lower Upper  
113 100  
111 101.6 82.9 124.3  
192 19.2 13.3 19.9





#36

1,1-Dichloropropene

Concen: 4.975 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

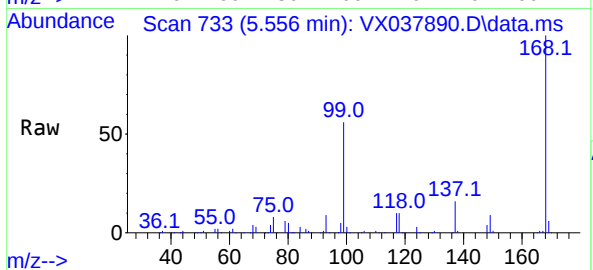
Lab File: VX037890.D

Acq: 25 Sep 2023 12:33

Instrument :

MSVOA\_X

ClientSampleId :



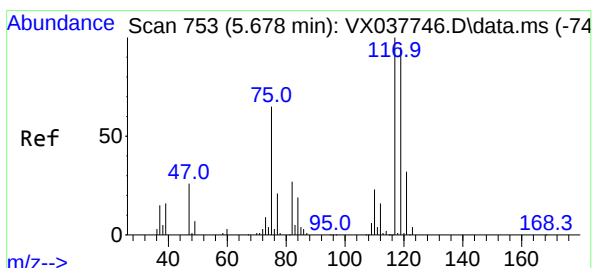
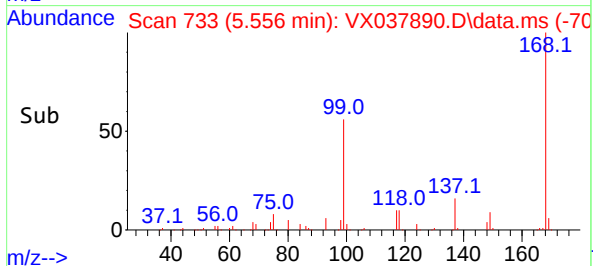
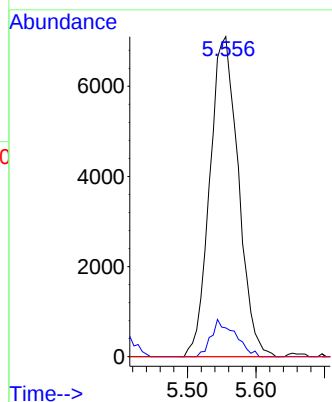
Tgt Ion: 75 Resp: 20545

Ion Ratio Lower Upper

75 100

110 9.8 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.135 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX037890.D

Acq: 25 Sep 2023 12:33

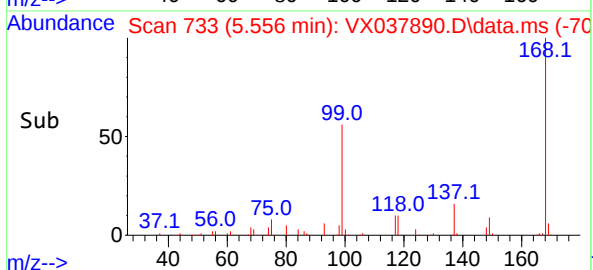
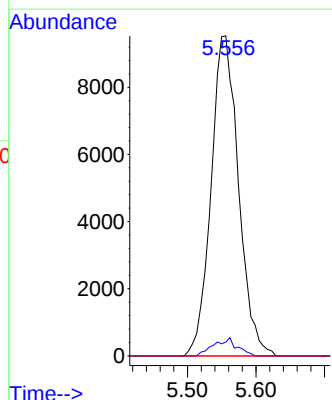
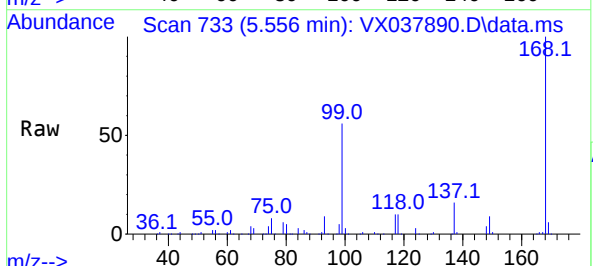
Tgt Ion: 117 Resp: 26510

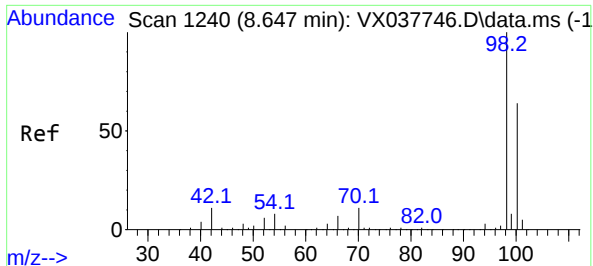
Ion Ratio Lower Upper

117 100

119 4.3 78.2 117.2#

121 0.0 24.4 36.6#

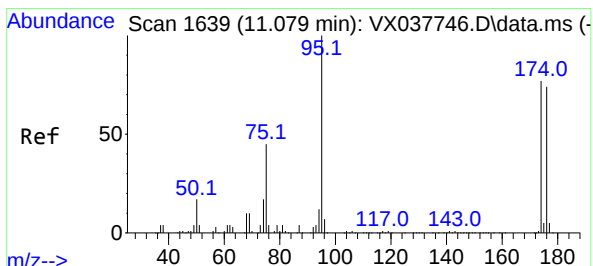
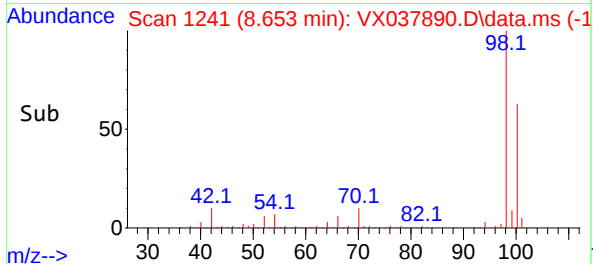
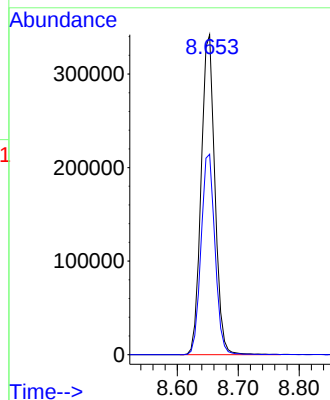
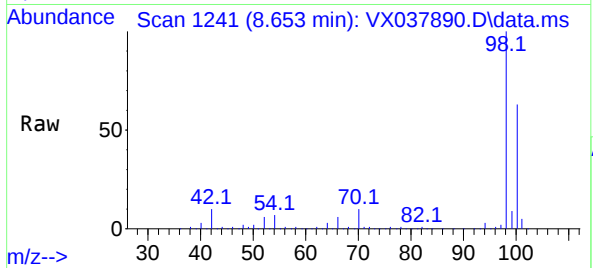




#50  
Toluene-d8  
Concen: 48.053 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX037890.D  
Acq: 25 Sep 2023 12:33

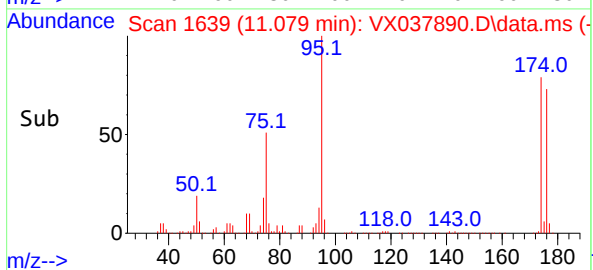
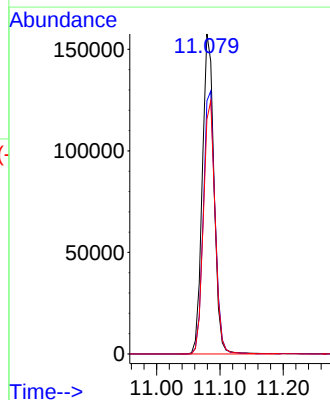
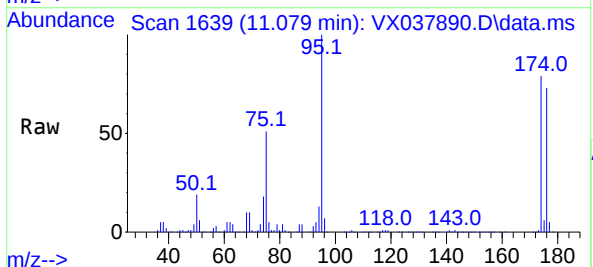
Instrument :  
MSVOA\_X  
ClientSampleId :

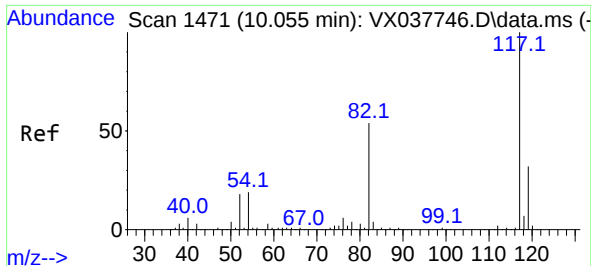
Tgt Ion: 98 Resp: 535259  
Ion Ratio Lower Upper  
98 100  
100 63.6 53.1 79.7



#62  
4-Bromofluorobenzene  
Concen: 50.141 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX037890.D  
Acq: 25 Sep 2023 12:33

Tgt Ion: 95 Resp: 202958  
Ion Ratio Lower Upper  
95 100  
174 82.4 0.0 135.6  
176 79.2 0.0 131.0

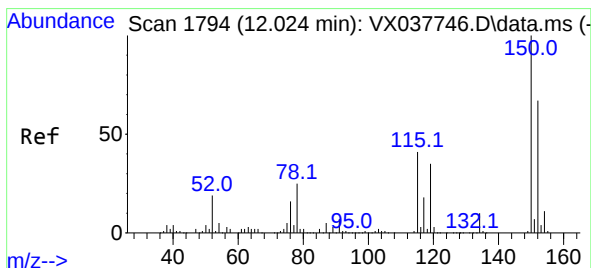
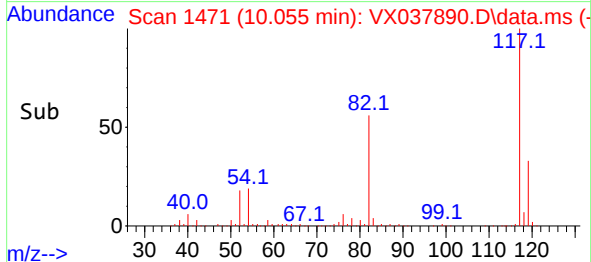
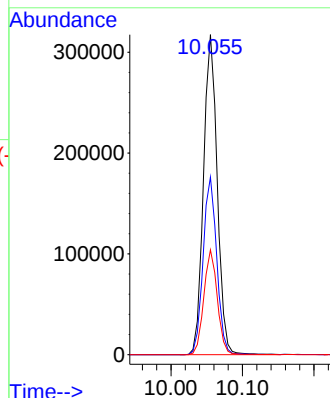
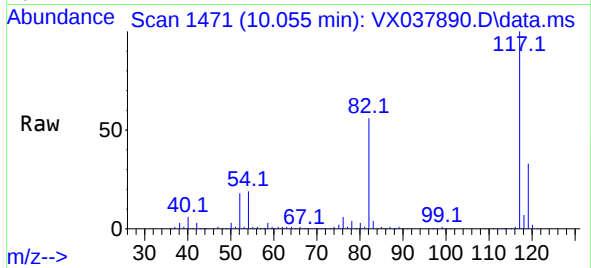




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX037890.D  
Acq: 25 Sep 2023 12:33

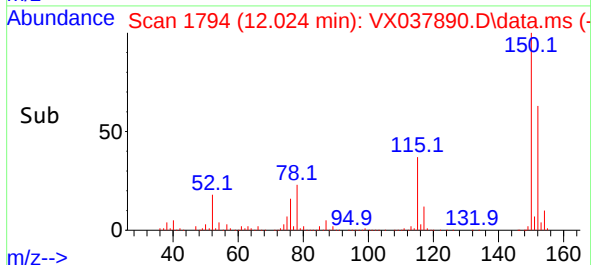
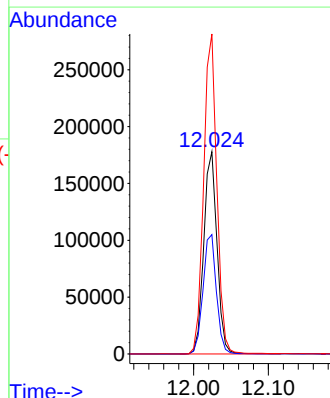
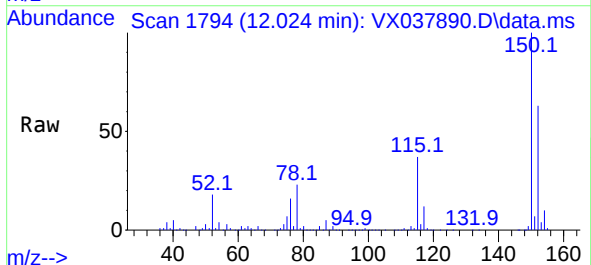
Instrument :  
MSVOA\_X  
ClientSampleId :

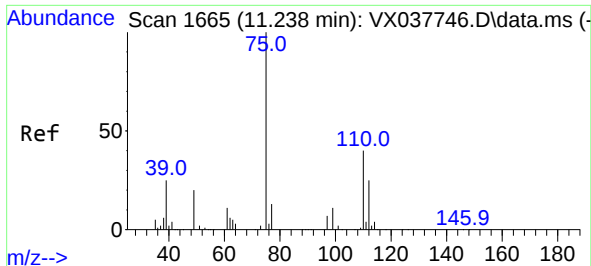
Tgt Ion:117 Resp: 424285  
Ion Ratio Lower Upper  
117 100  
82 55.5 46.2 69.4  
119 32.8 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX037890.D  
Acq: 25 Sep 2023 12:33

Tgt Ion:152 Resp: 218563  
Ion Ratio Lower Upper  
152 100  
115 60.1 43.3 129.9  
150 157.9 0.0 345.0

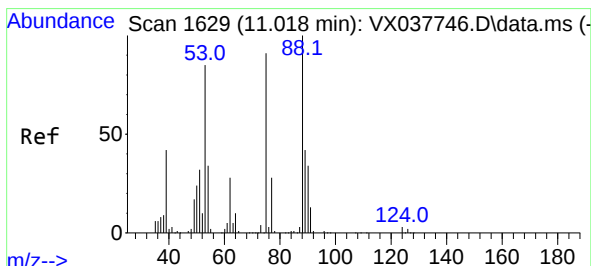
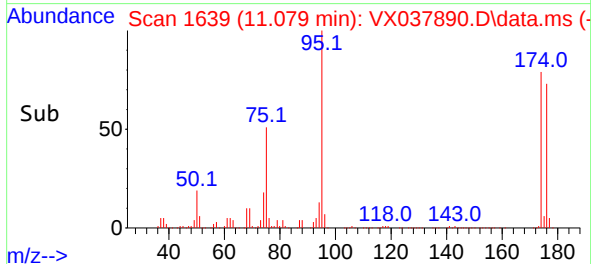
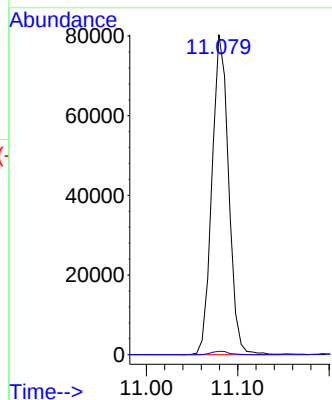
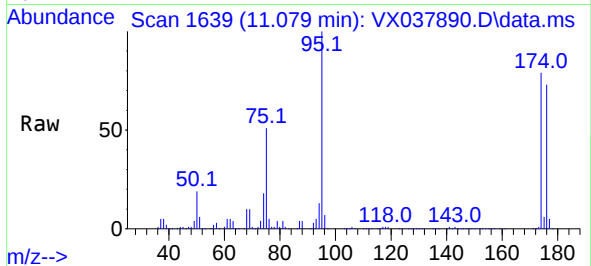




#76  
1,2,3-Trichloropropane  
Concen: 20.057 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.159 min  
Lab File: VX037890.D  
Acq: 25 Sep 2023 12:33

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 75 Resp: 101389  
Ion Ratio Lower Upper  
75 100  
77 1.1 19.1 57.5#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 64.249 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX037890.D  
Acq: 25 Sep 2023 12:33

Tgt Ion: 75 Resp: 101389  
Ion Ratio Lower Upper  
75 100  
53 0.0 90.5 135.7#  
89 0.0 36.9 55.3#

