

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD111022\  
 Data File : VD074876.D  
 Acq On : 10 Nov 2022 19:06  
 Operator : VA/SY  
 Sample : N5518-03RE  
 Misc : 5.01G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 PAT-03-110822RE

Quant Time: Nov 11 07:19:21 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D110222S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Nov 03 02:30:45 2022  
 Response via : Initial Calibration

| Compound                   | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| -----                      |       |      |          |       |       |          |
| Internal Standards         |       |      |          |       |       |          |
| 1) Pentafluorobenzene      | 0.000 | 168  | 0        | 0.000 | ug/l  | -7.88    |
| 34) 1,4-Difluorobenzene    | 0.000 | 114  | 0        | 0.000 | ug/l  | -8.78    |
| 63) Chlorobenzene-d5       | 0.000 | 117  | 0        | 0.000 | ug/l  | -11.58   |
| 72) 1,4-Dichlorobenzene-d4 | 0.000 | 152  | 0        | 0.000 | ug/l  | -13.52   |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 0.000  | 65    | 0        | 0.000    | ug/l |         |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 0.000%# |
| 35) Dibromofluoromethane    | 0.000  | 113   | 0        | 0.000    | ug/l |         |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 0.000%# |
| 50) Toluene-d8              | 0.000  | 98    | 0        | 0.000    | ug/l |         |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 0.000%# |
| 62) 4-Bromofluorobenzene    | 0.000  | 95    | 0        | 0.000    | ug/l |         |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 0.000%# |

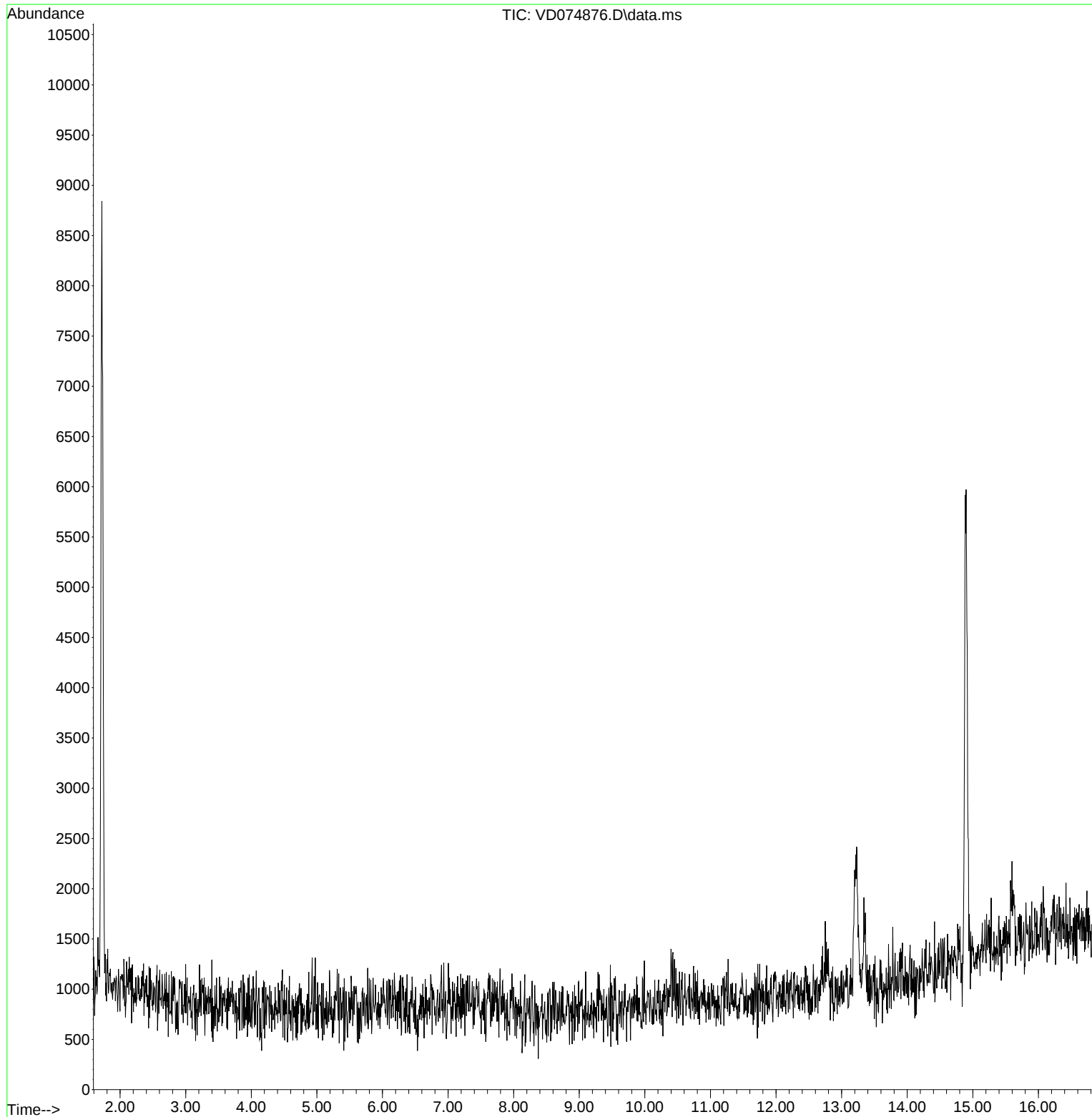
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

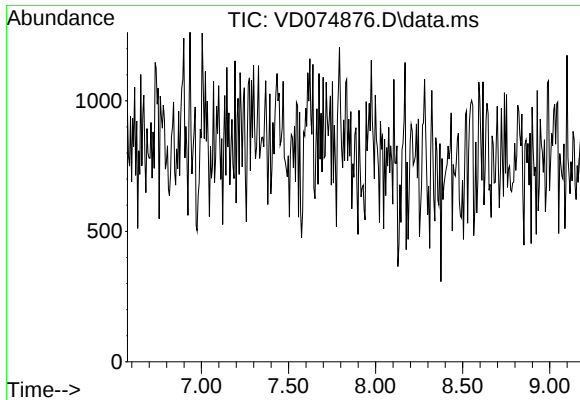
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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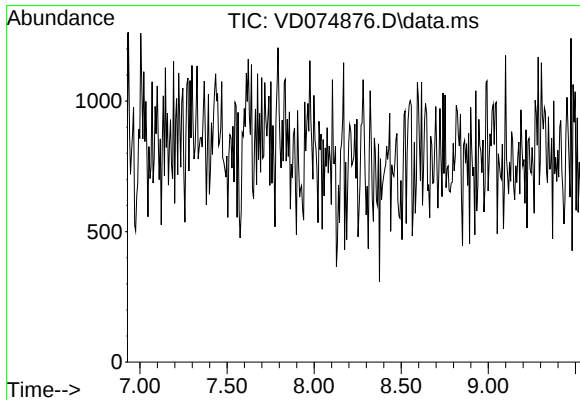
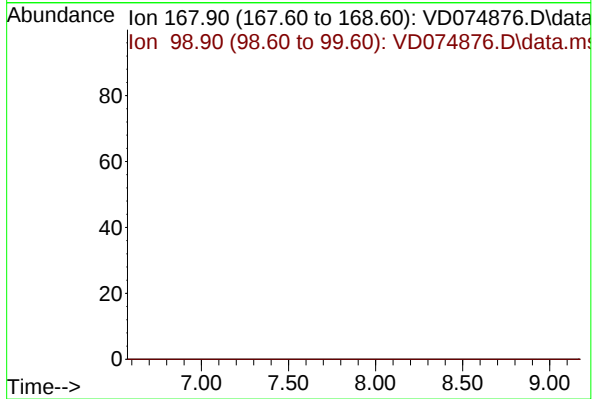




#1  
Pentafluorobenzene  
Concen: 0.000 ug/l  
Expected RT: 7.88 min  
  
Lab File: VD074876.D  
Acq: 10 Nov 2022 19:06

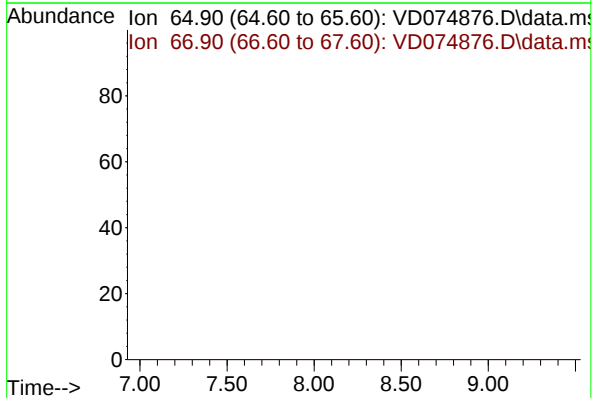
Instrument :  
MSVOA\_D  
ClientSampleId :  
PAT-03-110822RE

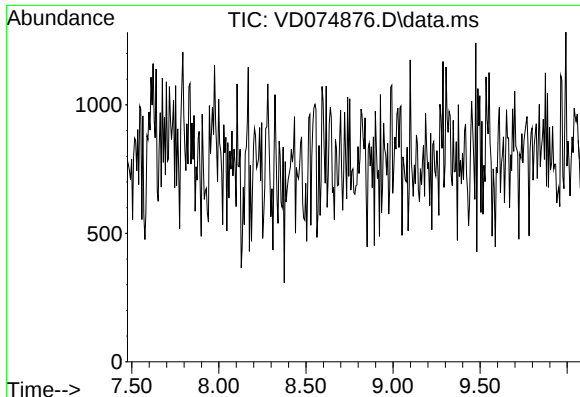
Tgt Ion: 168  
Sig Exp Ratio  
168 100  
99 51.1



#33  
1,2-Dichloroethane-d4  
Concen: 0.000 ug/l  
Expected RT: 8.23 min  
  
Lab File: VD074876.D  
Acq: 10 Nov 2022 19:06

Tgt Ion: 65  
Sig Exp Ratio  
65 100  
67 55.1



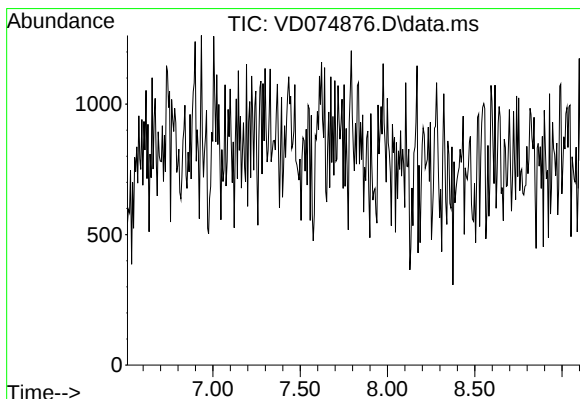
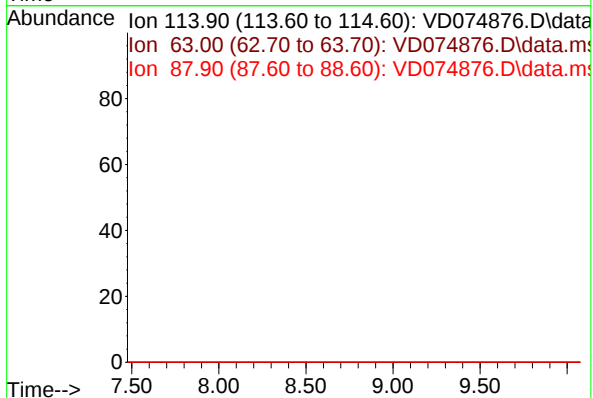


#34  
 1,4-Difluorobenzene  
 Concen: 0.000 ug/l  
 Expected RT: 8.78 min  
 Lab File: VD074876.D  
 Acq: 10 Nov 2022 19:06

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 PAT-03-110822RE

Tgt Ion: 114  

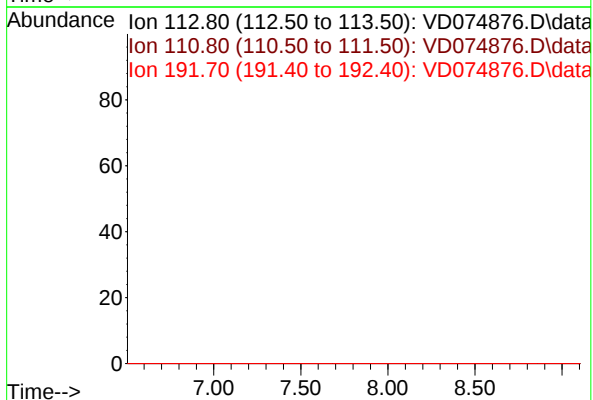
| Sig | Exp Ratio |
|-----|-----------|
| 114 | 100       |
| 63  | 16.6      |
| 88  | 14.1      |

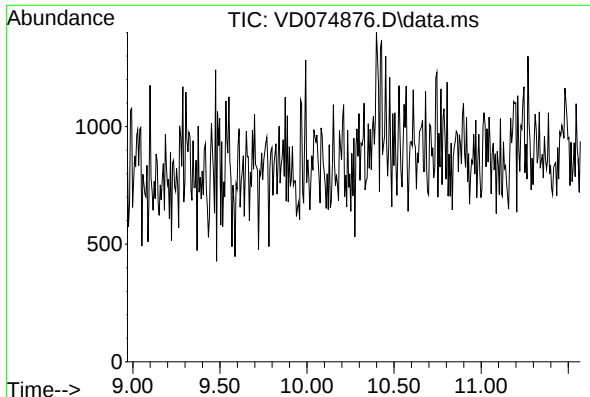


#35  
 Dibromofluoromethane  
 Concen: 0.000 ug/l  
 Expected RT: 7.80 min  
 Lab File: VD074876.D  
 Acq: 10 Nov 2022 19:06

Tgt Ion: 113  

| Sig | Exp Ratio |
|-----|-----------|
| 113 | 100       |
| 111 | 102.9     |
| 192 | 20.5      |



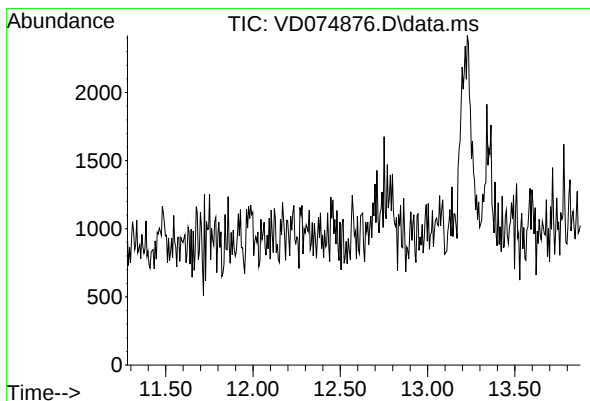
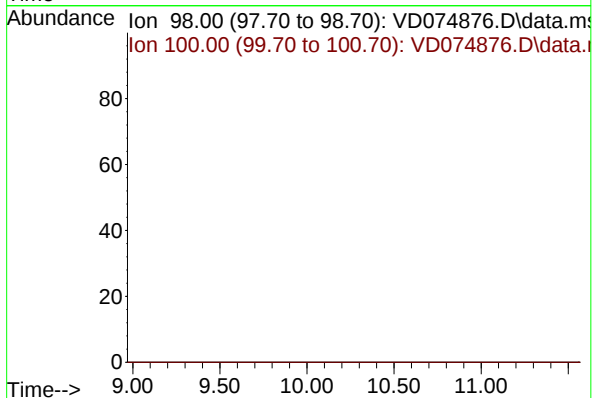


#50  
Toluene-d8  
Concen: 0.000 ug/l  
Expected RT: 10.27 min

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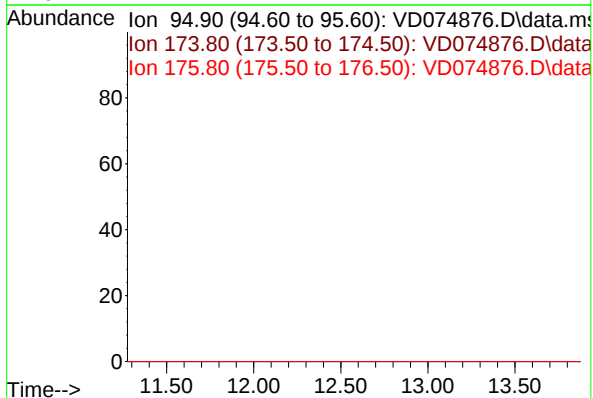
Tgt Ion: 98  
Sig Exp Ratio  
98 100  
100 64.2

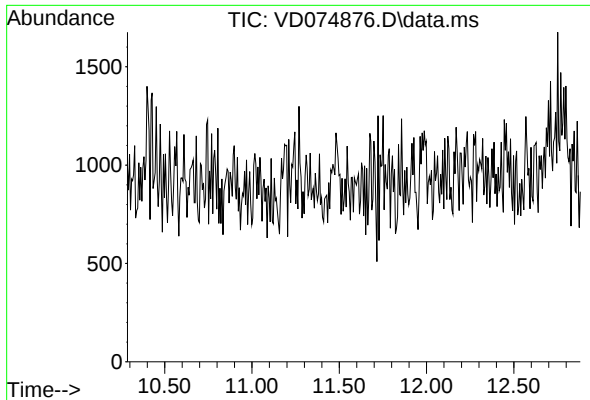


#62  
4-Bromofluorobenzene  
Concen: 0.000 ug/l  
Expected RT: 12.57 min

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Tgt Ion: 95  
Sig Exp Ratio  
95 100  
174 98.5  
176 91.3



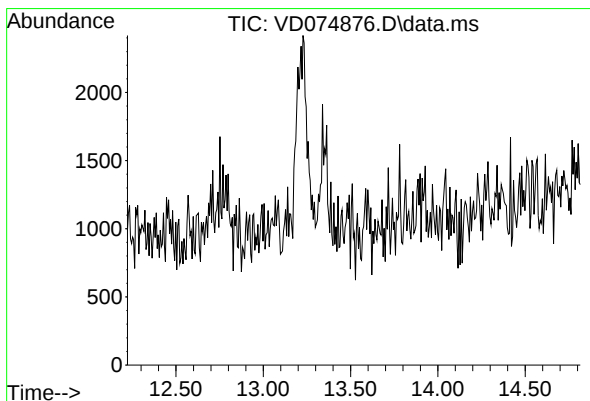
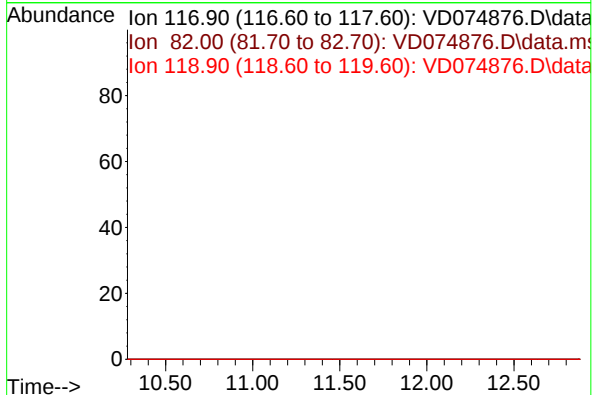


#63  
Chlorobenzene-d5  
Concen: 0.000 ug/l  
Expected RT: 11.58 min

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Instrument :  
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ClientSampleId :  
PAT-03-110822RE

Tgt Ion: 117  
Sig Exp Ratio  
117 100  
82 52.0  
119 31.5



#72  
1,4-Dichlorobenzene-d4  
Concen: 0.000 ug/l  
Expected RT: 13.52 min

Lab File: VD074876.D  
Acq: 10 Nov 2022 19:06

Tgt Ion: 152  
Sig Exp Ratio  
152 100  
115 53.6  
150 174.1

