

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD060723\  
 Data File : VD076366.D  
 Acq On : 07 Jun 2023 21:18  
 Operator : KP/SY  
 Sample : 03047-05RE  
 Misc : 5.05G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 SB33BRE

Quant Time: Jun 08 01:20:01 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D060523S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 06 02:52:23 2023  
 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 | 58 - 134 | Recovery | =    | 0.000%# |
| 62) 4-Bromofluorobenzene    | 0.000  | 95    | 0        | 0.000    | ug/l |         |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =    | 0.000%# |

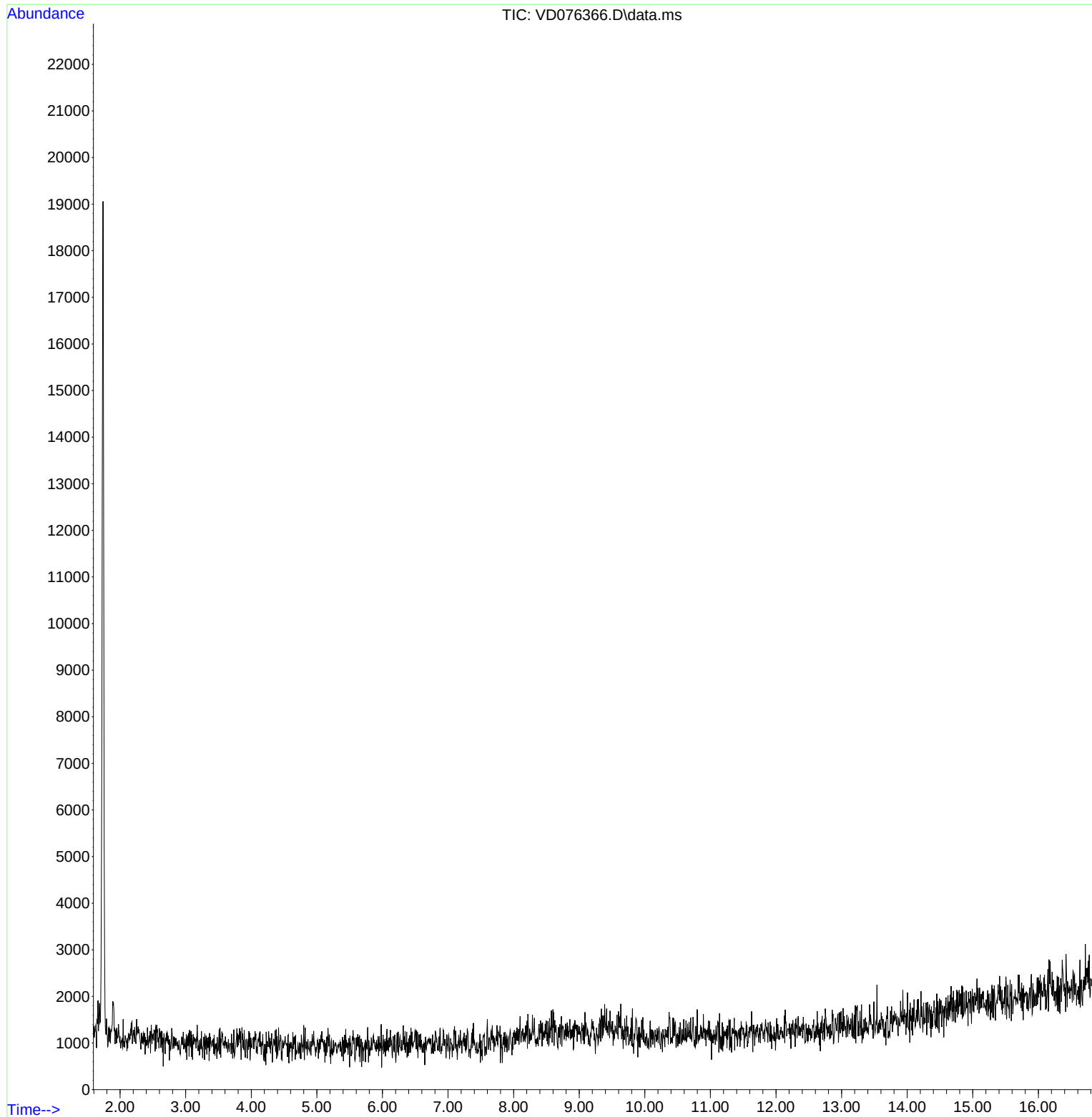
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

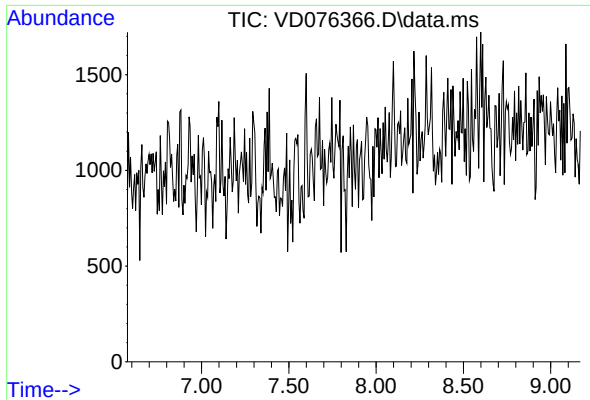
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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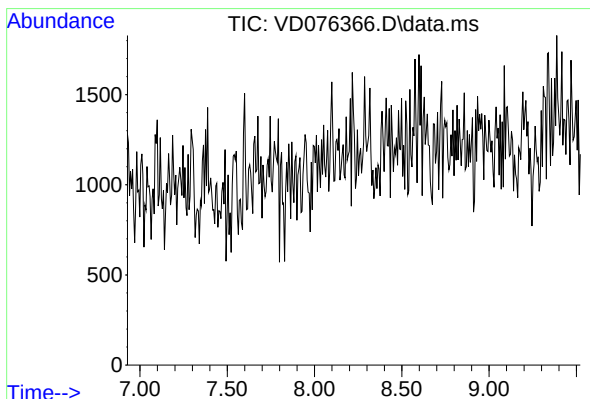
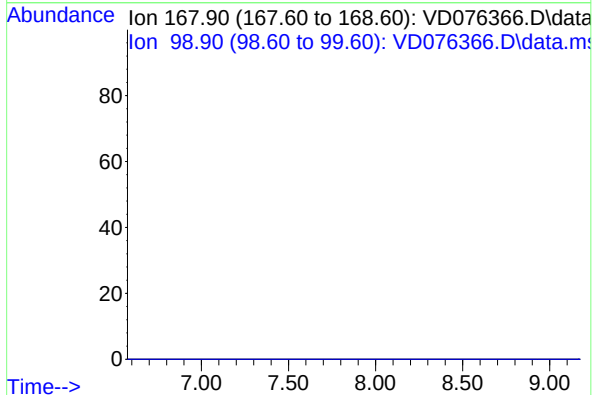




#1  
Pentafluorobenzene  
Concen: 0.000 ug/l  
Expected RT: 7.88 min  
  
Lab File: VD076366.D  
Acq: 07 Jun 2023 21:18

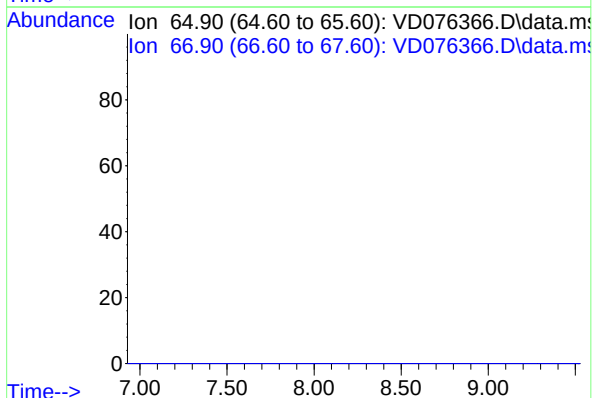
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB33BRE

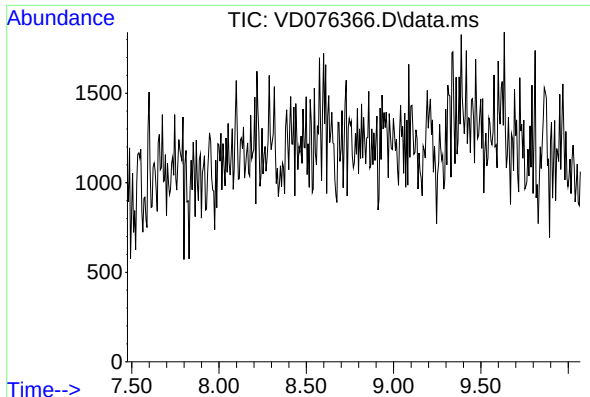
Tgt Ion: 168  
Sig Exp Ratio  
168 100  
99 45.9



#33  
1,2-Dichloroethane-d4  
Concen: 0.000 ug/l  
Expected RT: 8.23 min  
  
Lab File: VD076366.D  
Acq: 07 Jun 2023 21:18

Tgt Ion: 65  
Sig Exp Ratio  
65 100  
67 57.5



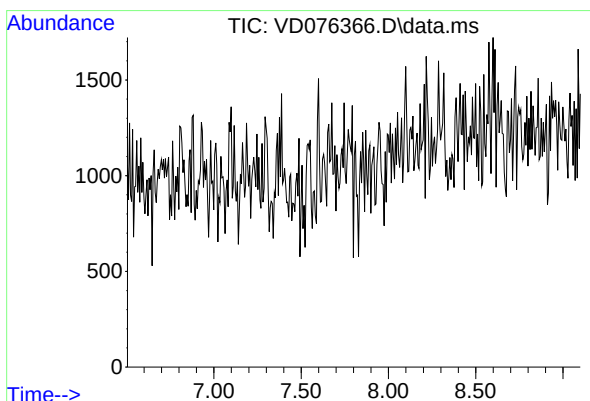
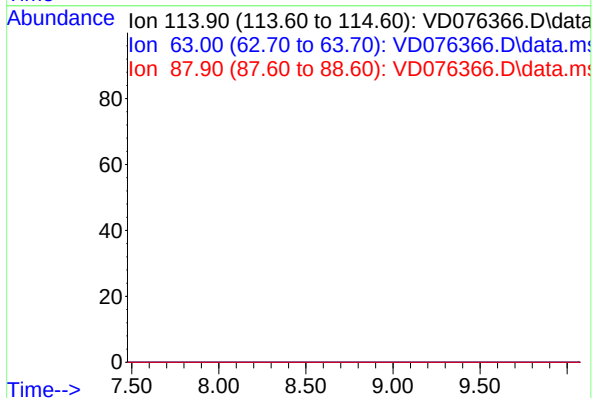


#34  
1,4-Difluorobenzene  
Concen: 0.000 ug/l  
Expected RT: 8.78 min

Lab File: VD076366.D  
Acq: 07 Jun 2023 21:18

Instrument :  
MSVOA\_D  
ClientSampleId :  
SB33BRE

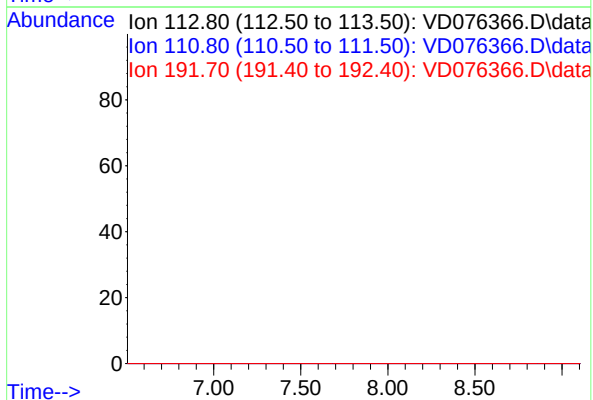
Tgt Ion: 114  
Sig Exp Ratio  
114 100  
63 16.7  
88 13.1

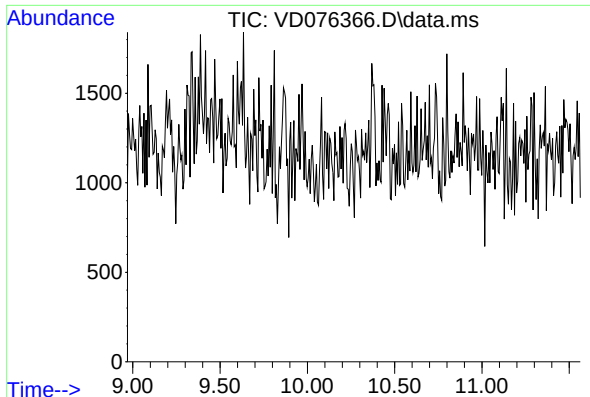


#35  
Dibromofluoromethane  
Concen: 0.000 ug/l  
Expected RT: 7.80 min

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Tgt Ion: 113  
Sig Exp Ratio  
113 100  
111 105.9  
192 21.0

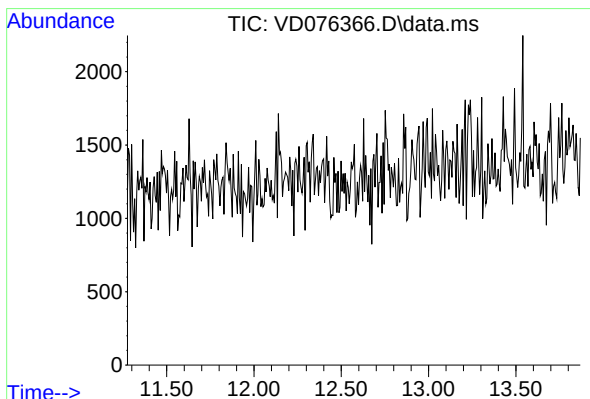
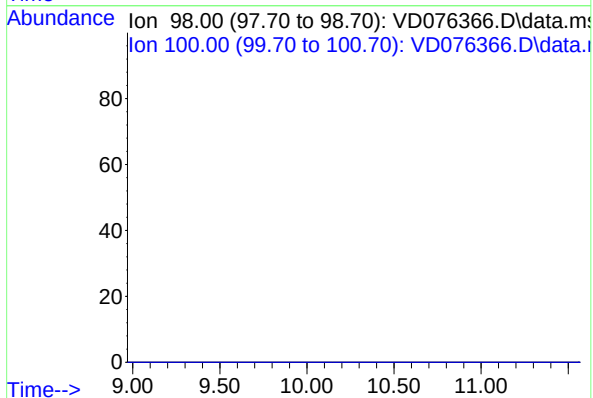




#50  
Toluene-d8  
Concen: 0.000 ug/l  
Expected RT: 10.27 min  
  
Lab File: VD076366.D  
Acq: 07 Jun 2023 21:18

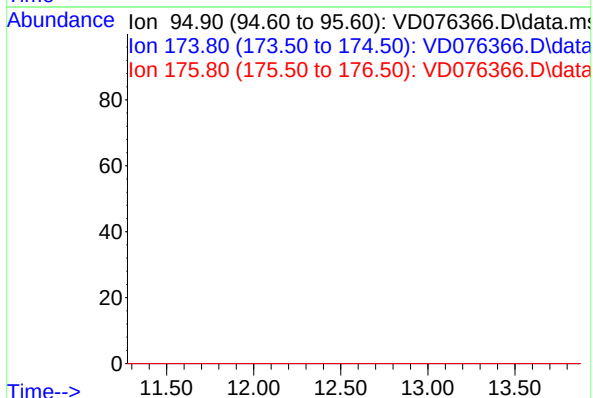
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB33BRE

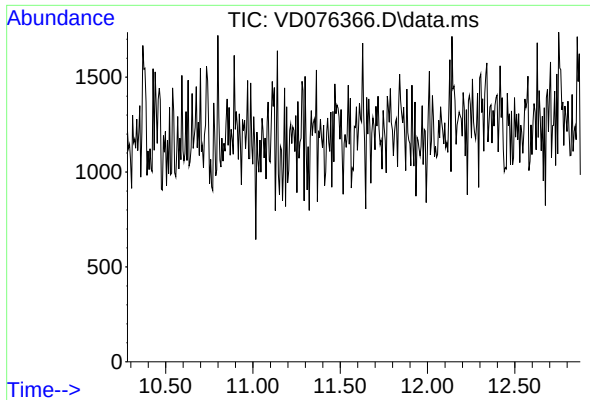
Tgt Ion: 98  
Sig Exp Ratio  
98 100  
100 62.9



#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  
174 100.9  
176 95.9

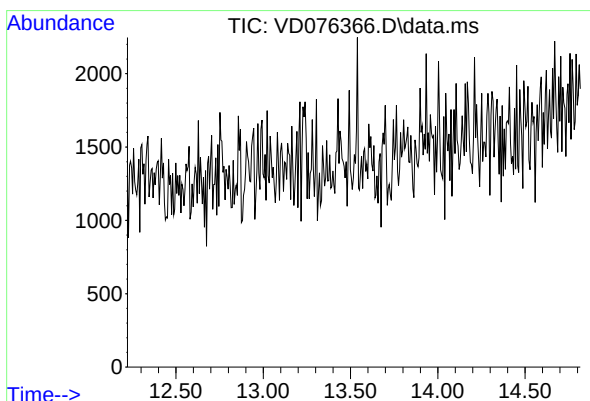
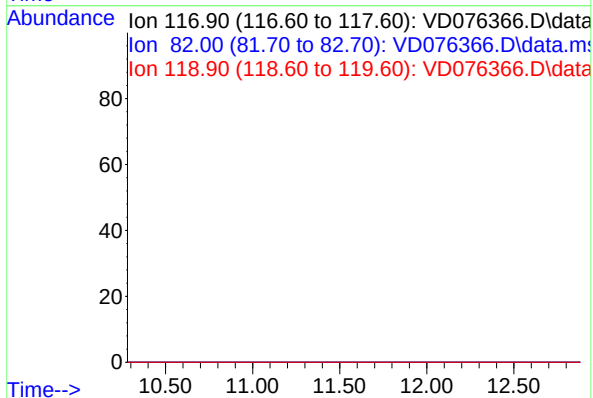




#63  
Chlorobenzene-d5  
Concen: 0.000 ug/l  
Expected RT: 11.58 min  
  
Lab File: VD076366.D  
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Instrument :  
MSVOA\_D  
ClientSampleId :  
SB33BRE

Tgt Ion: 117  
Sig Exp Ratio  
117 100  
82 47.9  
119 31.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 0.000 ug/l  
Expected RT: 13.52 min  
  
Lab File: VD076366.D  
Acq: 07 Jun 2023 21:18

Tgt Ion: 152  
Sig Exp Ratio  
152 100  
115 54.2  
150 176.8

