

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY012323\  
 Data File : VY012322.D  
 Acq On : 23 Jan 2023 18:31  
 Operator : KP/MD  
 Sample : 01237-02  
 Misc : 5.05g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 3A

Quant Time: Jan 24 01:30:22 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011623S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 17 04:31:47 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  | -7.79    |
| 34) 1,4-Difluorobenzene    | 0.000 | 114  | 0        | 0.000 | ug/l  | -8.69    |
| 63) Chlorobenzene-d5       | 0.000 | 117  | 0        | 0.000 | ug/l  | -11.49   |
| 72) 1,4-Dichlorobenzene-d4 | 0.000 | 152  | 0        | 0.000 | ug/l  | -13.42   |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 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%# |

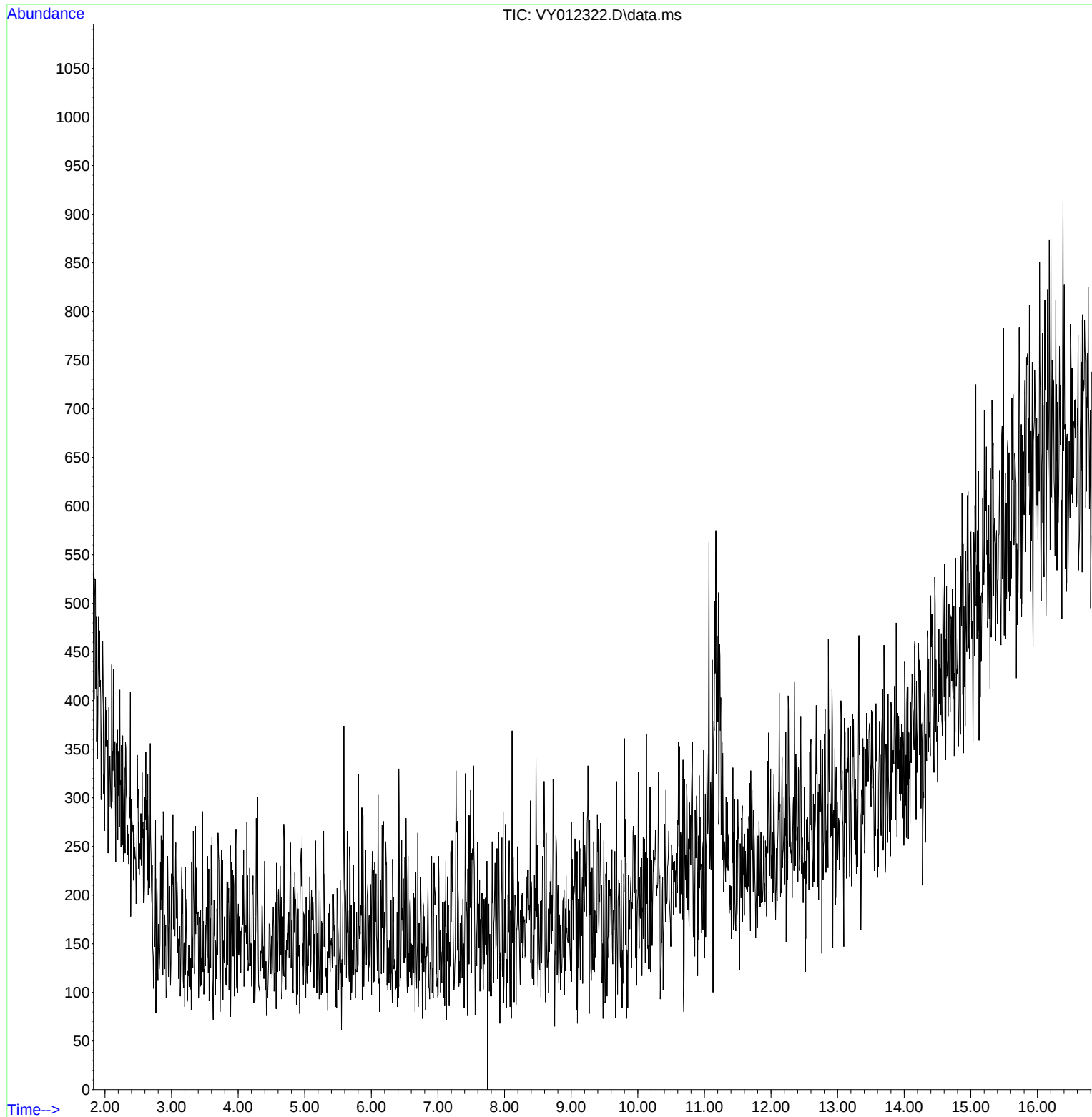
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

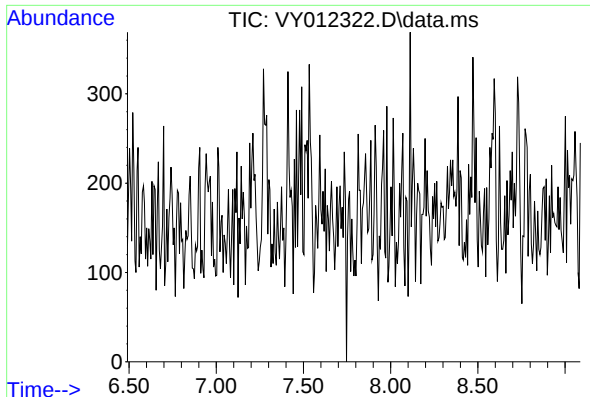
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY012323\  
Data File : VY012322.D  
Acq On : 23 Jan 2023 18:31  
Operator : KP/MD  
Sample : 01237-02  
Misc : 5.05g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
3A

Quant Time: Jan 24 01:30:22 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011623S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 17 04:31:47 2023  
Response via : Initial Calibration

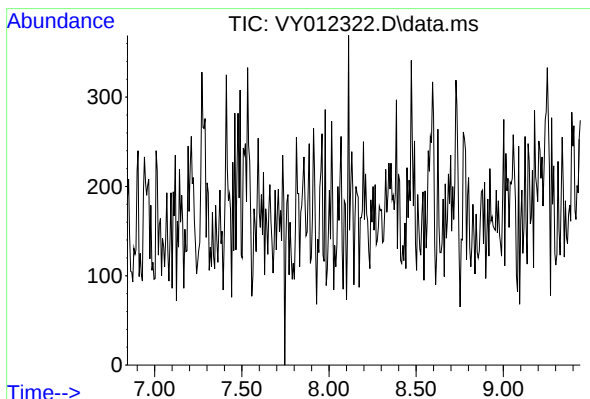
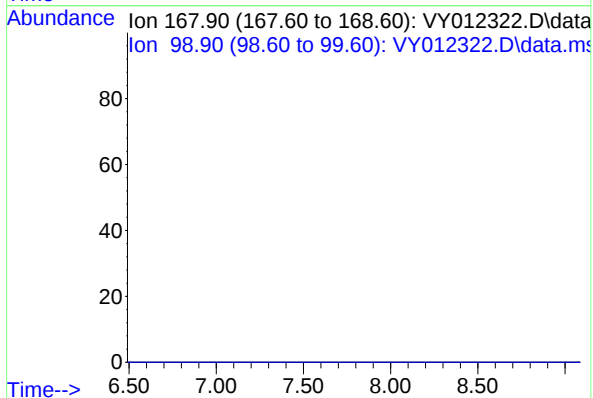




#1  
Pentafluorobenzene  
Concen: 0.000 ug/l  
Expected RT: 7.79 min  
  
Lab File: VY012322.D  
Acq: 23 Jan 2023 18:31

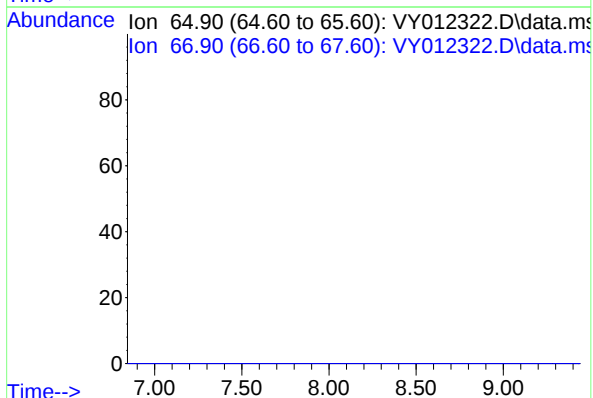
Instrument :  
MSVOA\_Y  
ClientSampleId :  
3A

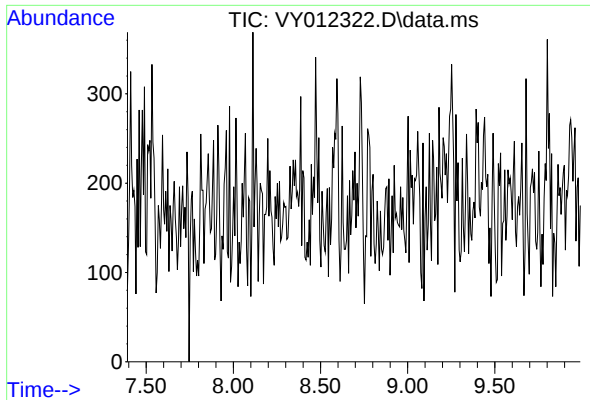
Tgt Ion: 168  
Sig Exp Ratio  
168 100  
99 55.0



#33  
1,2-Dichloroethane-d4  
Concen: 0.000 ug/l  
Expected RT: 8.14 min  
  
Lab File: VY012322.D  
Acq: 23 Jan 2023 18:31

Tgt Ion: 65  
Sig Exp Ratio  
65 100  
67 51.6

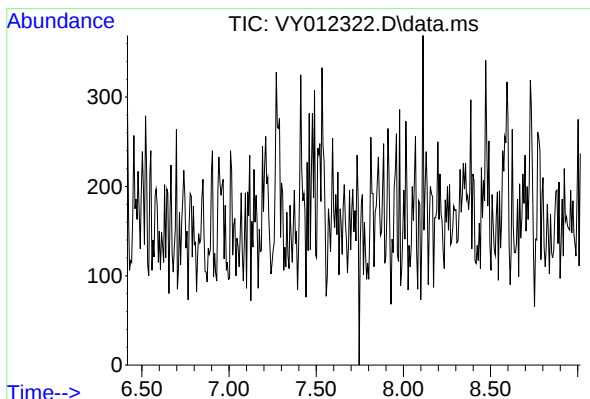
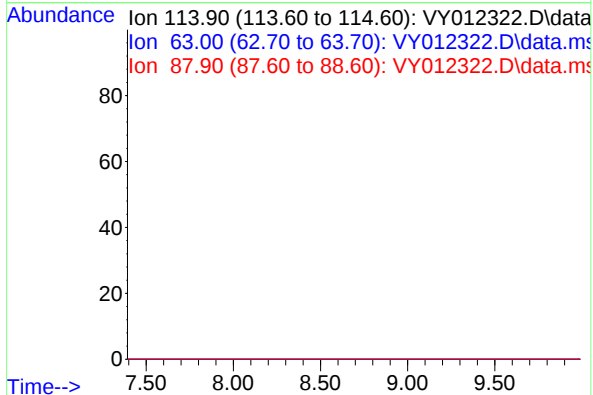




#34  
1,4-Difluorobenzene  
Concen: 0.000 ug/l  
Expected RT: 8.69 min  
  
Lab File: VY012322.D  
Acq: 23 Jan 2023 18:31

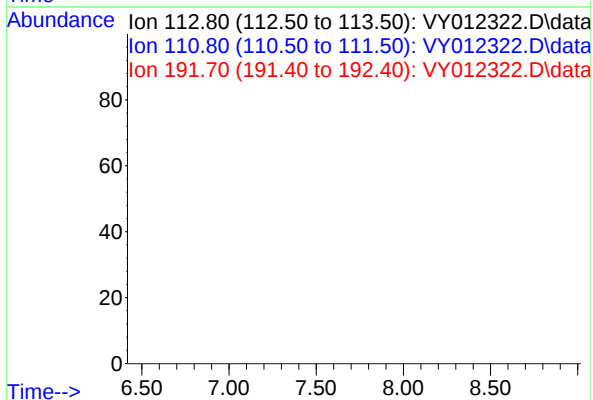
Instrument :  
MSVOA\_Y  
ClientSampleId :  
3A

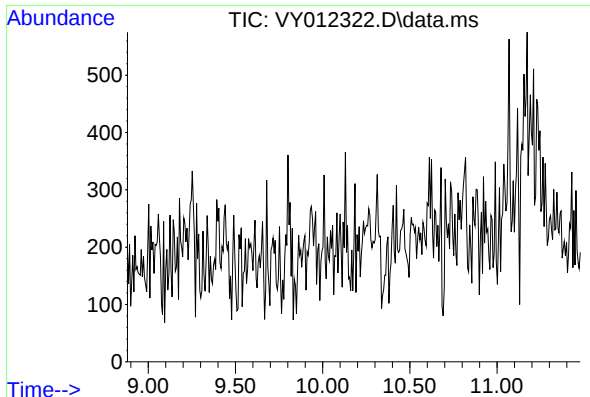
Tgt Ion: 114  
Sig Exp Ratio  
114 100  
63 19.8  
88 16.1



#35  
Dibromofluoromethane  
Concen: 0.000 ug/l  
Expected RT: 7.72 min  
  
Lab File: VY012322.D  
Acq: 23 Jan 2023 18:31

Tgt Ion: 113  
Sig Exp Ratio  
113 100  
111 103.7  
192 20.0

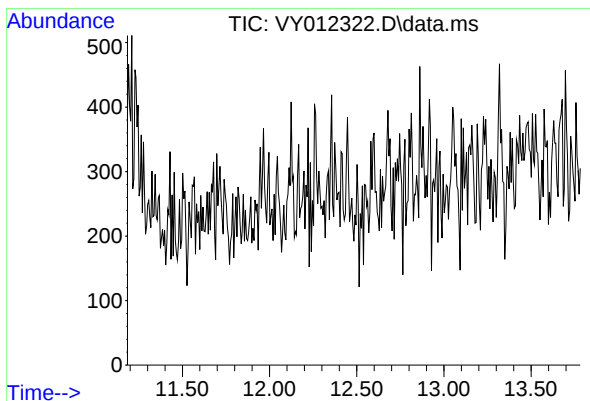
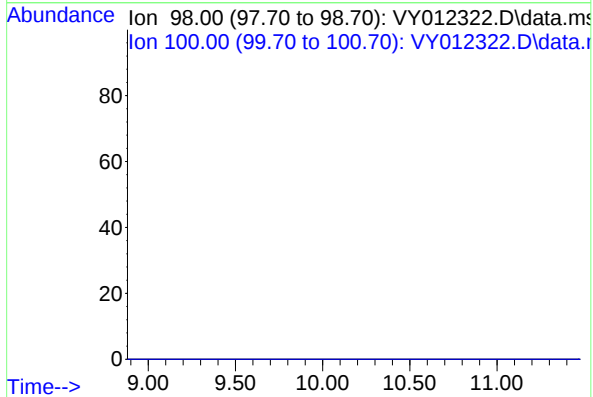




#50  
Toluene-d8  
Concen: 0.000 ug/l  
Expected RT: 10.18 min  
  
Lab File: VY012322.D  
Acq: 23 Jan 2023 18:31

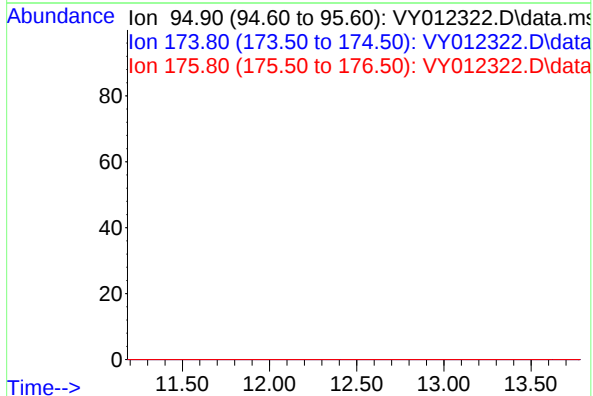
Instrument :  
MSVOA\_Y  
ClientSampleId :  
3A

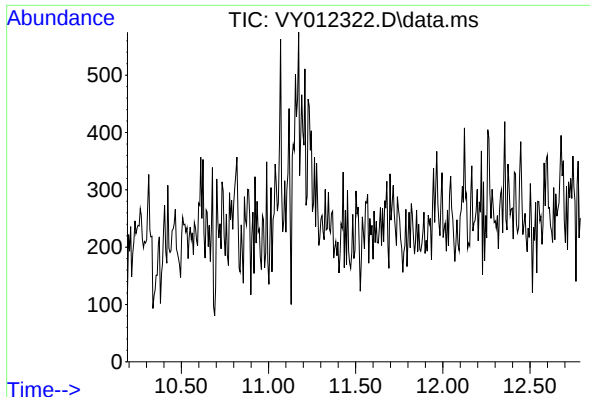
Tgt Ion: 98  
Sig Exp Ratio  
98 100  
100 64.9



#62  
4-Bromofluorobenzene  
Concen: 0.000 ug/l  
Expected RT: 12.48 min  
  
Lab File: VY012322.D  
Acq: 23 Jan 2023 18:31

Tgt Ion: 95  
Sig Exp Ratio  
95 100  
174 86.0  
176 83.8

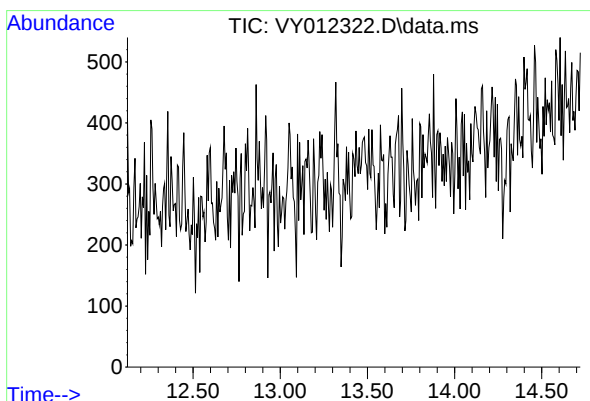
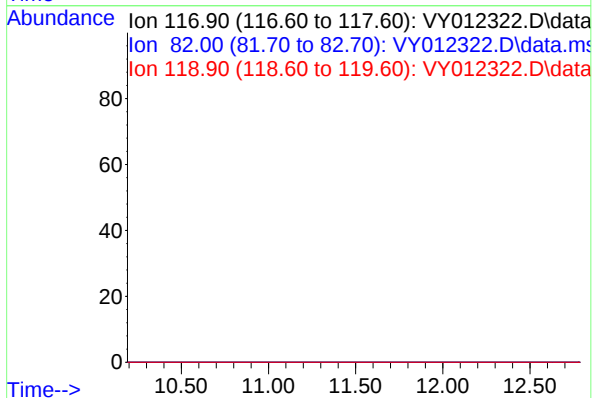




#63  
Chlorobenzene-d5  
Concen: 0.000 ug/l  
Expected RT: 11.49 min  
  
Lab File: VY012322.D  
Acq: 23 Jan 2023 18:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
3A

Tgt Ion: 117  
Sig Exp Ratio  
117 100  
82 56.0  
119 31.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 0.000 ug/l  
Expected RT: 13.42 min  
  
Lab File: VY012322.D  
Acq: 23 Jan 2023 18:31

Tgt Ion: 152  
Sig Exp Ratio  
152 100  
115 58.2  
150 171.3

