

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD101022\  
 Data File : VD074503.D  
 Acq On : 10 Oct 2022 15:33  
 Operator : VA/SY  
 Sample : N5066-04  
 Misc : 6.59G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 B-2(25-26)

Quant Time: Oct 11 08:21:15 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D100522S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 06 01:54:40 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  | -13.51   |
| 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    | 12.487 | 95    | 56       | 0.000    | ug/l  | -0.08    |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 0.000%#  |

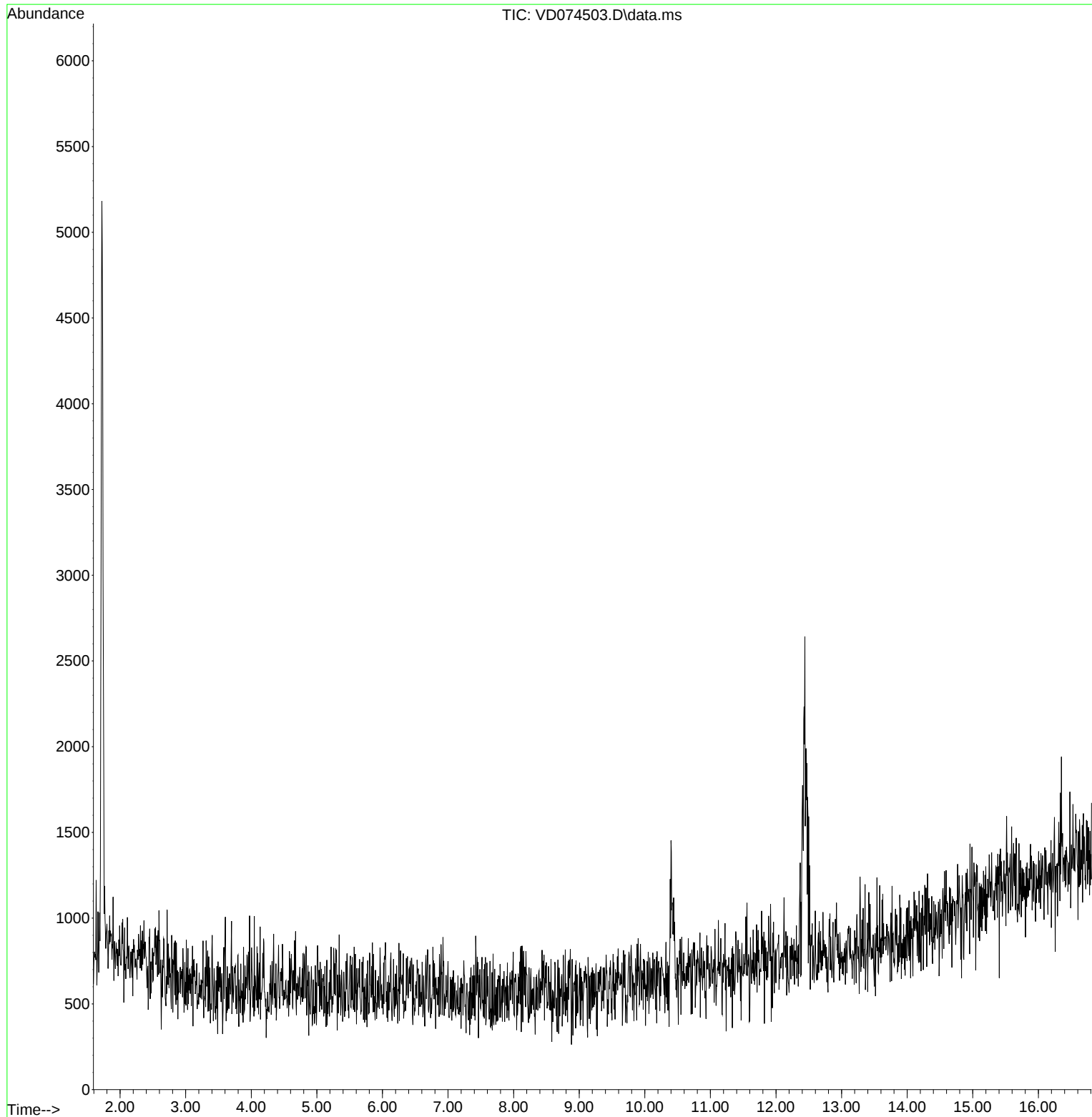
Target Compounds Qvalue

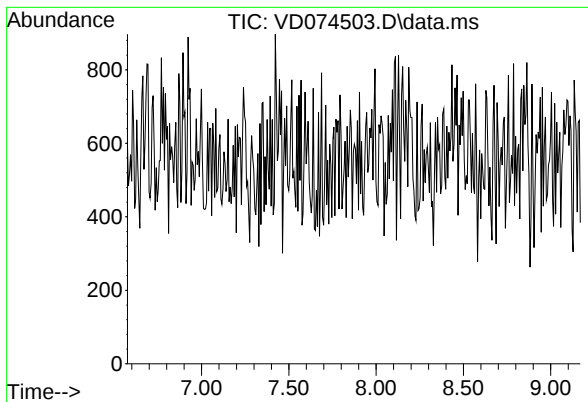
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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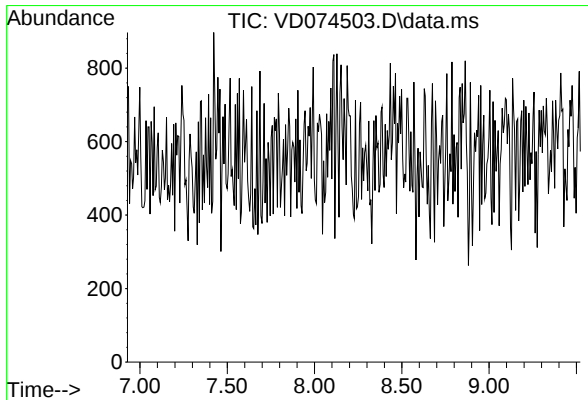
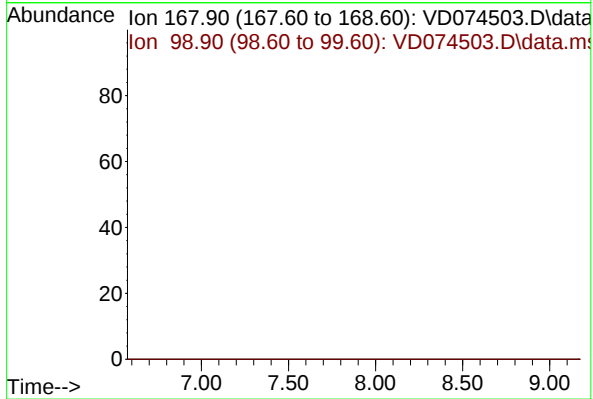




#1  
 Pentafluorobenzene  
 Concen: 0.000 ug/l  
 Expected RT: 7.88 min  
  
 Lab File: VD074503.D  
 Acq: 10 Oct 2022 15:33

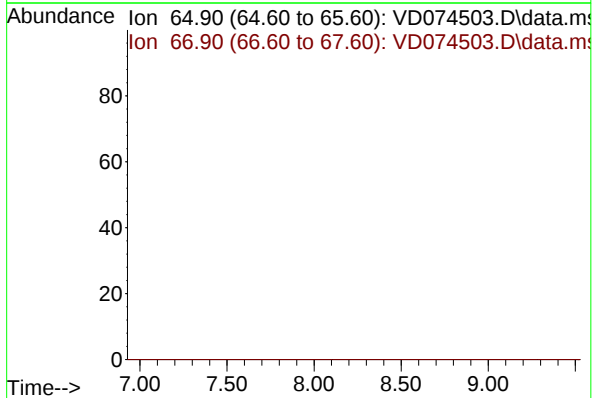
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 B-2(25-26)

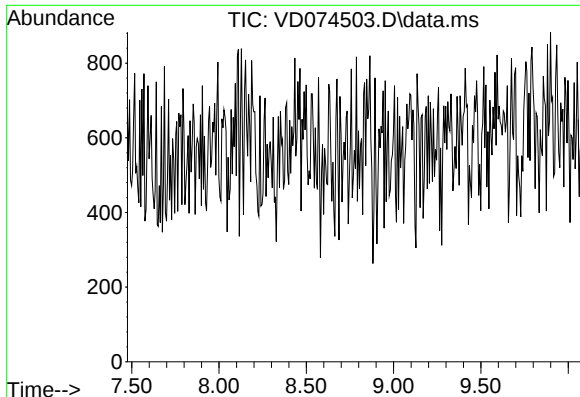
Tgt Ion: 168  
 Sig Exp Ratio  
 168 100  
 99 51.1



#33  
 1,2-Dichloroethane-d4  
 Concen: 0.000 ug/l  
 Expected RT: 8.23 min  
  
 Lab File: VD074503.D  
 Acq: 10 Oct 2022 15:33

Tgt Ion: 65  
 Sig Exp Ratio  
 65 100  
 67 55.1

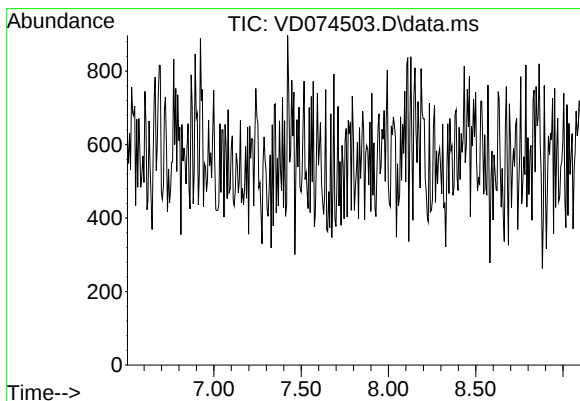
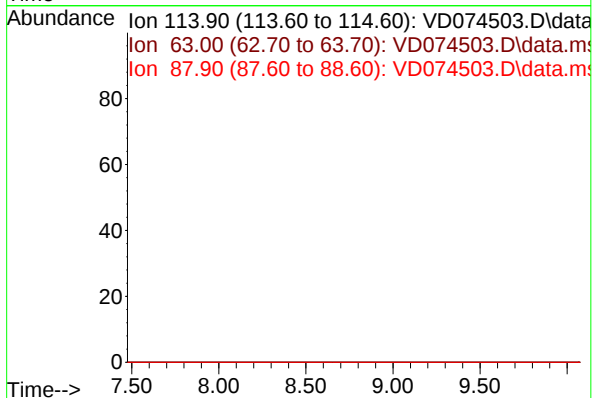




#34  
1,4-Difluorobenzene  
Concen: 0.000 ug/l  
Expected RT: 8.78 min  
  
Lab File: VD074503.D  
Acq: 10 Oct 2022 15:33

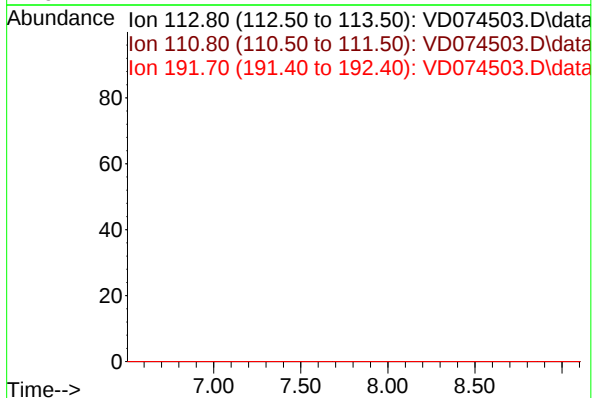
Instrument :  
MSVOA\_D  
ClientSampleId :  
B-2(25-26)

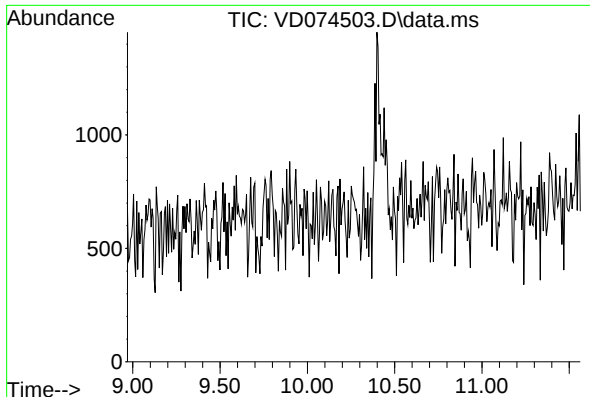
Tgt Ion: 114  
Sig Exp Ratio  
114 100  
63 16.6  
88 14.1



#35  
Dibromofluoromethane  
Concen: 0.000 ug/l  
Expected RT: 7.80 min  
  
Lab File: VD074503.D  
Acq: 10 Oct 2022 15:33

Tgt Ion: 113  
Sig Exp Ratio  
113 100  
111 102.9  
192 20.5

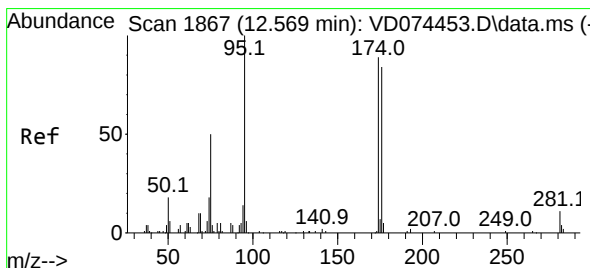
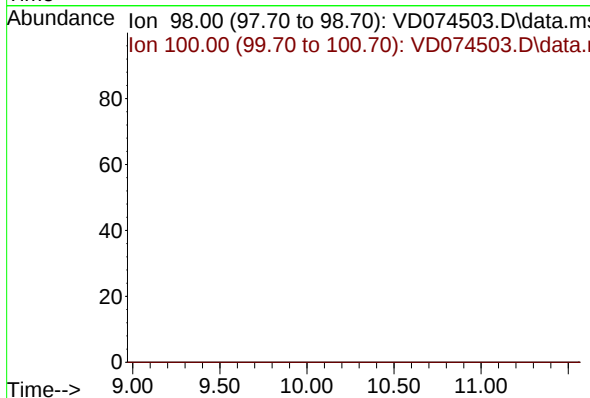




#50  
Toluene-d8  
Concen: 0.000 ug/l  
Expected RT: 10.27 min  
Lab File: VD074503.D  
Acq: 10 Oct 2022 15:33

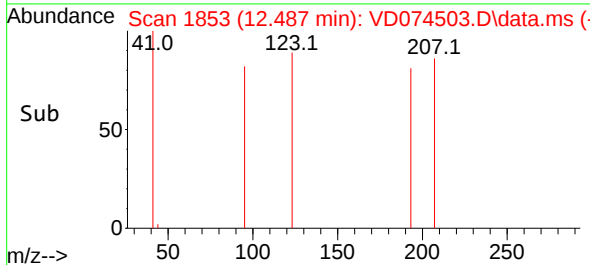
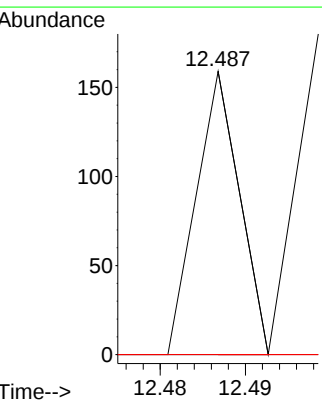
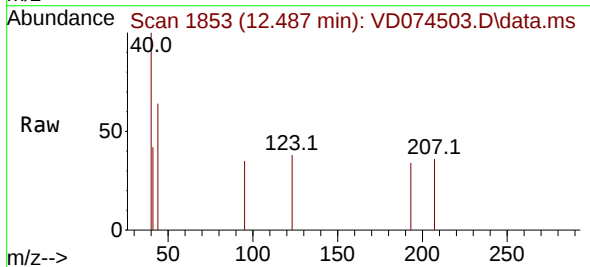
Instrument :  
MSVOA\_D  
ClientSampleId :  
B-2(25-26)

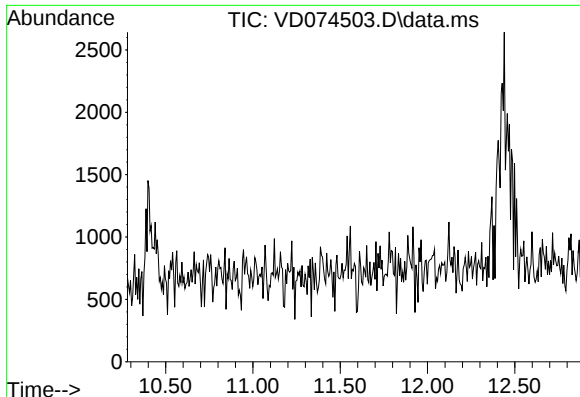
Tgt Ion: 98  
Sig Exp Ratio  
98 100  
100 64.2



#62  
4-Bromofluorobenzene  
Concen: 0.000 ug/l  
RT: 12.487 min Scan# 1853  
Delta R.T. -0.082 min  
Lab File: VD074503.D  
Acq: 10 Oct 2022 15:33

| Tgt Ion | 95  | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 95      | 100 |       |       |       |
| 174     | 0.0 | 0.0   | 197.0 |       |
| 176     | 0.0 | 0.0   | 182.6 |       |



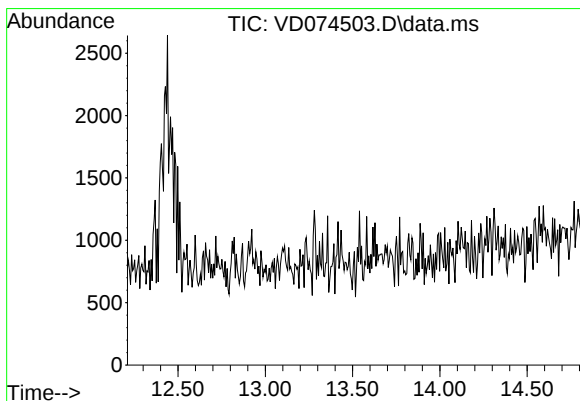
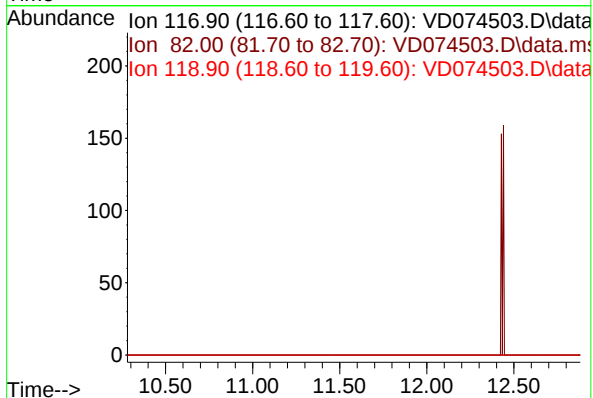


#63  
 Chlorobenzene-d5  
 Concen: 0.000 ug/l  
 Expected RT: 11.58 min  
 Lab File: VD074503.D  
 Acq: 10 Oct 2022 15:33

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 B-2(25-26)

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: 13.51 min  
 Lab File: VD074503.D  
 Acq: 10 Oct 2022 15:33

Tgt Ion: 152  

| Sig | Exp Ratio |
|-----|-----------|
| 152 | 100       |
| 115 | 53.6      |
| 150 | 174.1     |

