

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY022323\  
 Data File : VY012708.D  
 Acq On : 23 Feb 2023 16:45  
 Operator : KP/MD  
 Sample : 01669-01  
 Misc : 5.02g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 NB-08-022323

Quant Time: Feb 23 23:55:11 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y022123S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 22 01:21:05 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  | -13.43   |
| 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              | 10.191 | 98    | 86       | 0.000    | ug/l  | 0.01     |
| 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

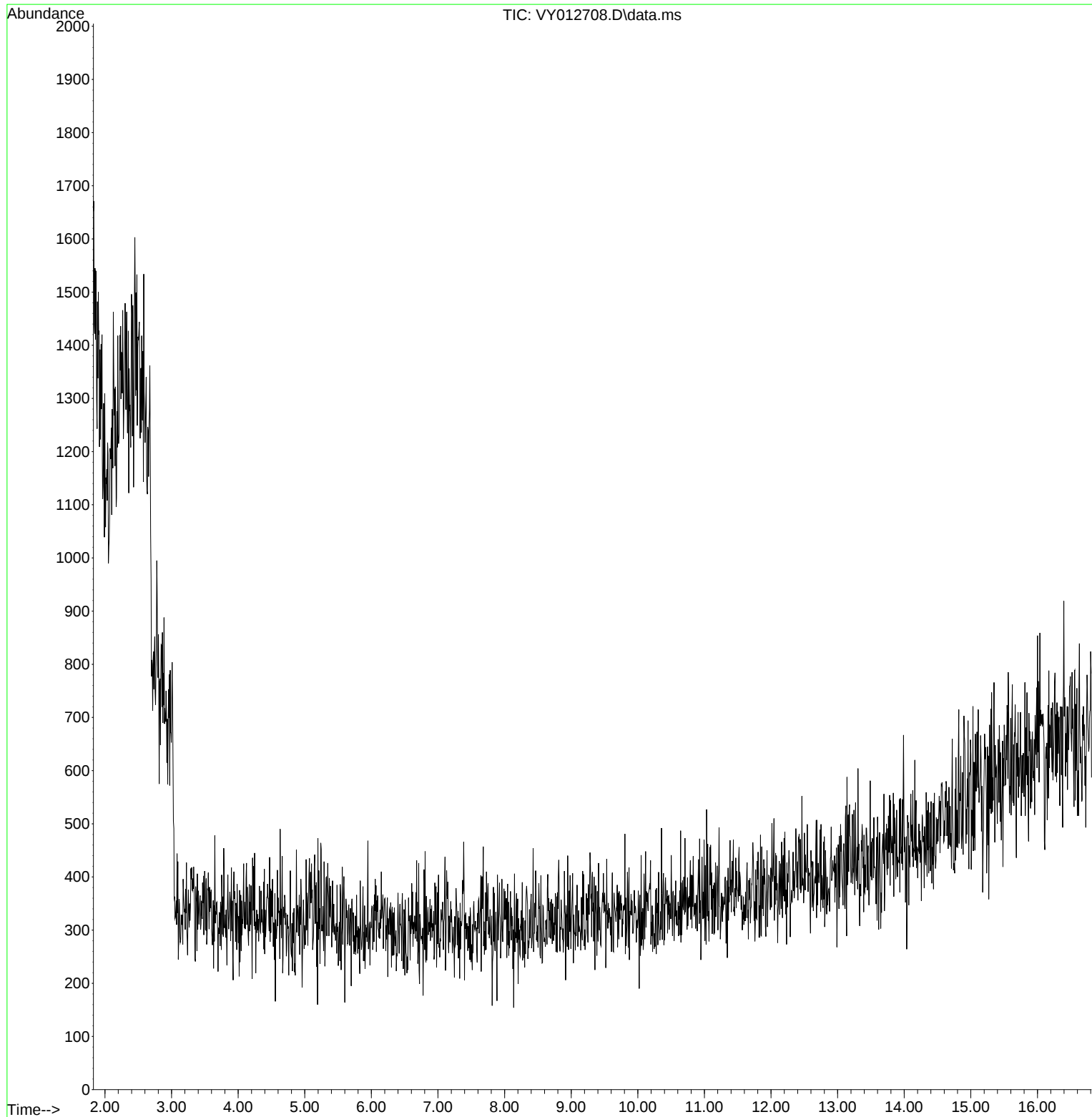
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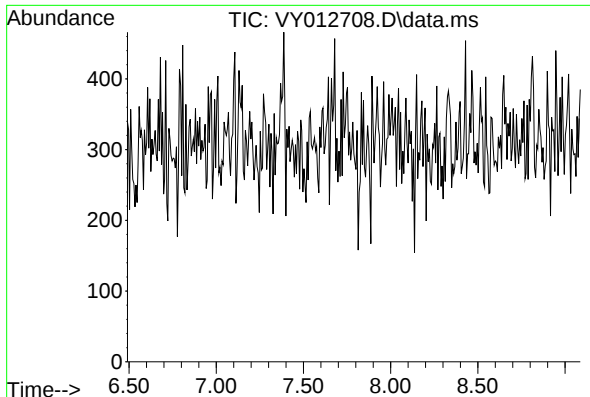
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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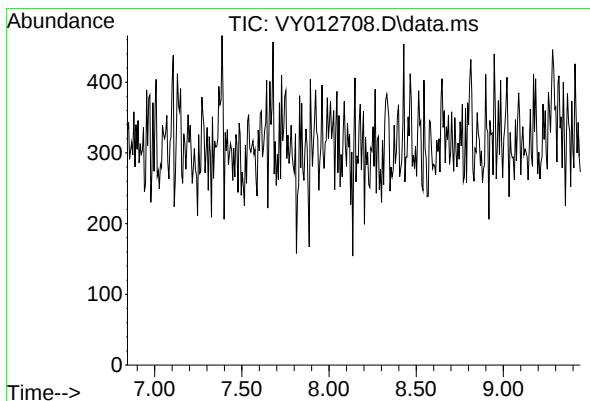
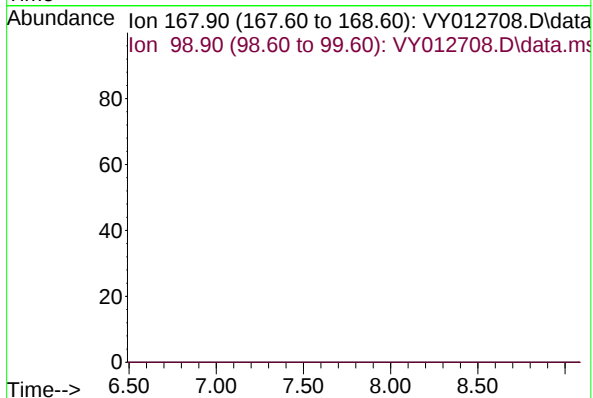




#1  
Pentafluorobenzene  
Concen: 0.000 ug/l  
Expected RT: 7.79 min  
  
Lab File: VY012708.D  
Acq: 23 Feb 2023 16:45

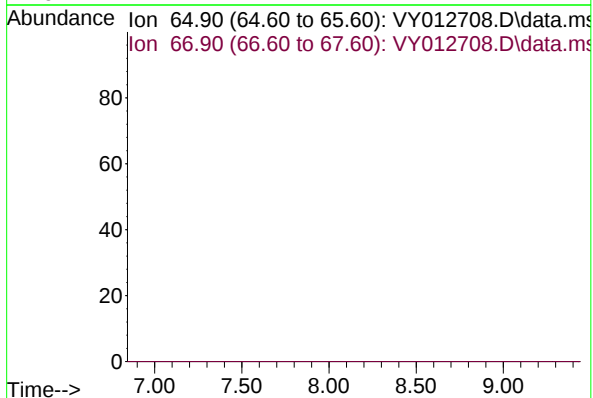
Instrument :  
MSVOA\_Y  
ClientSampleId :  
NB-08-022323

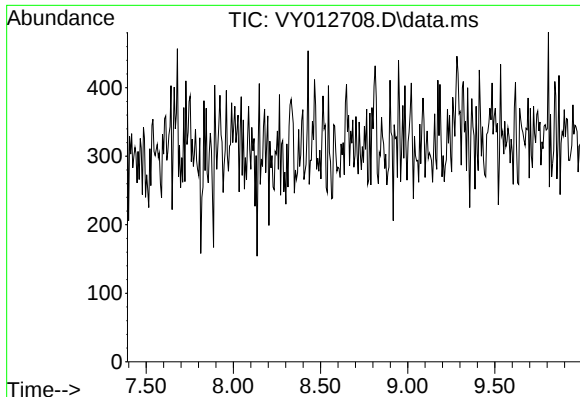
Tgt Ion: 168  
Sig Exp Ratio  
168 100  
99 56.8



#33  
1,2-Dichloroethane-d4  
Concen: 0.000 ug/l  
Expected RT: 8.14 min  
  
Lab File: VY012708.D  
Acq: 23 Feb 2023 16:45

Tgt Ion: 65  
Sig Exp Ratio  
65 100  
67 52.3

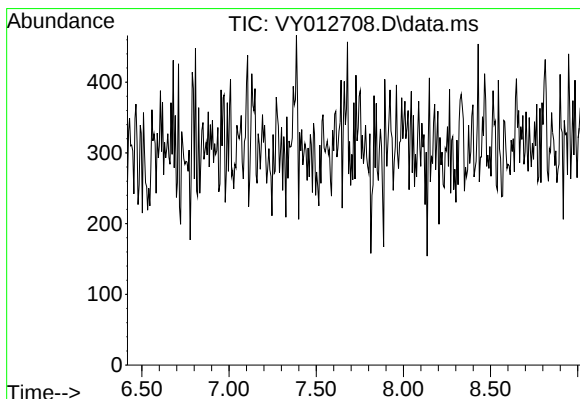
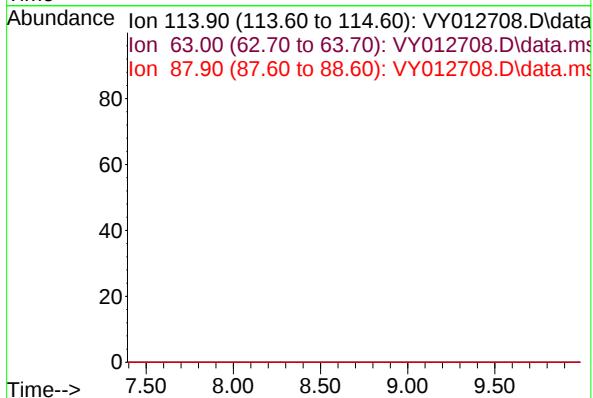




#34  
1,4-Difluorobenzene  
Concen: 0.000 ug/l  
Expected RT: 8.69 min  
  
Lab File: VY012708.D  
Acq: 23 Feb 2023 16:45

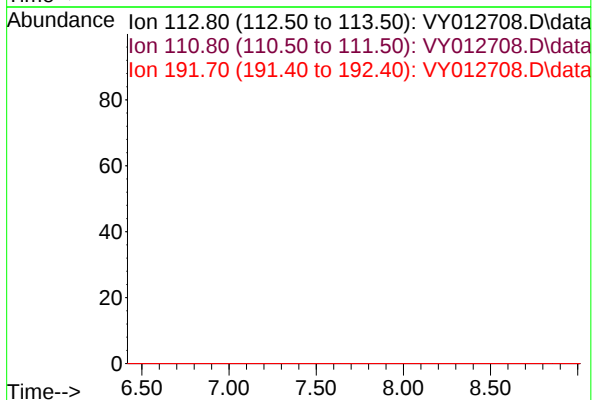
Instrument :  
MSVOA\_Y  
ClientSampleId :  
NB-08-022323

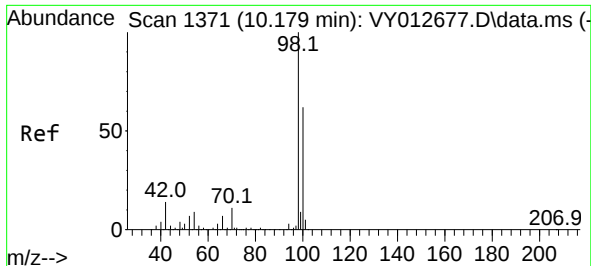
Tgt Ion: 114  
Sig Exp Ratio  
114 100  
63 21.4  
88 14.8



#35  
Dibromofluoromethane  
Concen: 0.000 ug/l  
Expected RT: 7.72 min  
  
Lab File: VY012708.D  
Acq: 23 Feb 2023 16:45

Tgt Ion: 113  
Sig Exp Ratio  
113 100  
111 102.5  
192 20.2

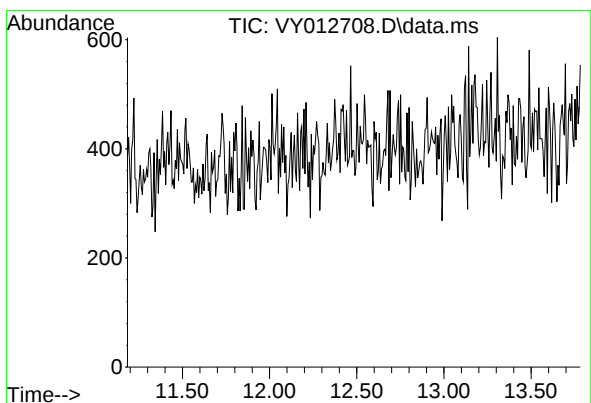
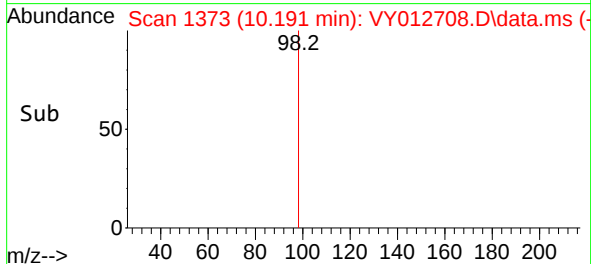
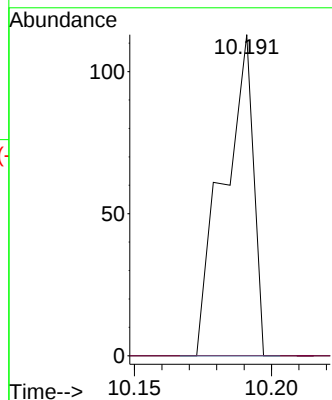
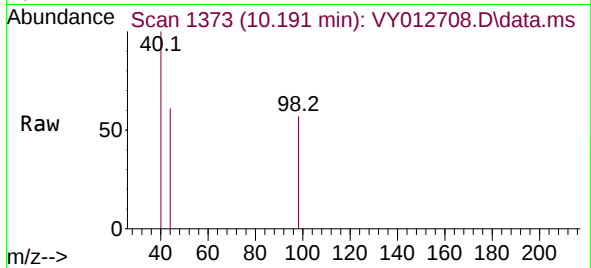




#50  
Toluene-d8  
Concen: 0.000 ug/l  
RT: 10.191 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VY012708.D  
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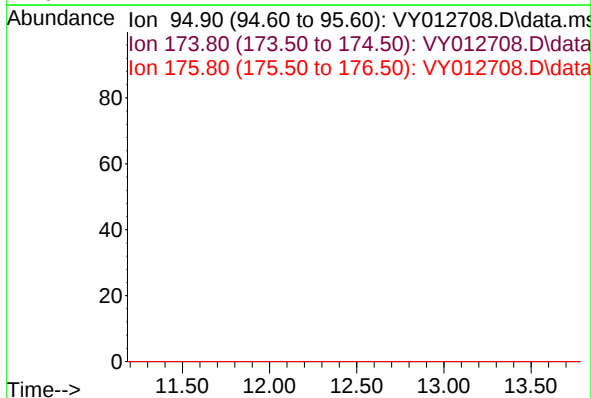
Tgt Ion: 98 Resp: 86  
Ion Ratio Lower Upper  
98 100  
100 0.0 51.2 76.8#

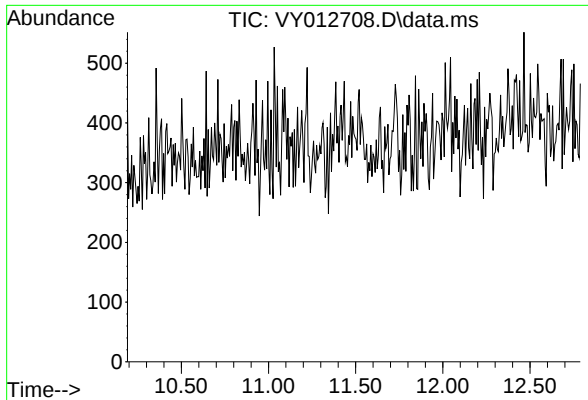


#62  
4-Bromofluorobenzene  
Concen: 0.000 ug/l  
Expected RT: 12.48 min

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Acq: 23 Feb 2023 16:45

Tgt Ion: 95  
Sig Exp Ratio  
95 100  
174 86.4  
176 84.7



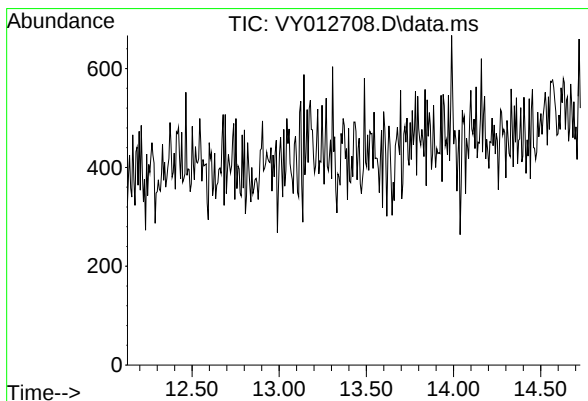
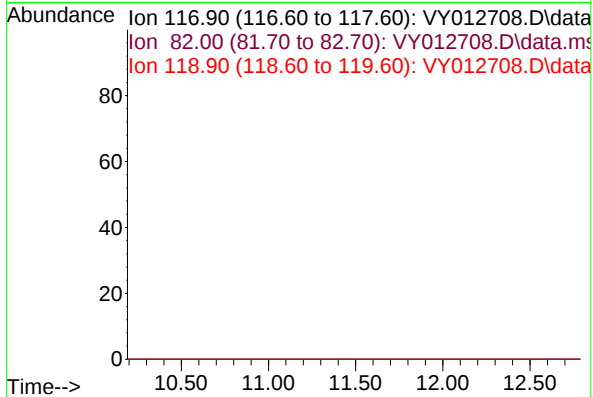


#63  
 Chlorobenzene-d5  
 Concen: 0.000 ug/l  
 Expected RT: 11.49 min  
 Lab File: VY012708.D  
 Acq: 23 Feb 2023 16:45

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 NB-08-022323

Tgt Ion: 117  

| Sig | Exp Ratio |
|-----|-----------|
| 117 | 100       |
| 82  | 55.1      |
| 119 | 31.9      |



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 0.000 ug/l  
 Expected RT: 13.43 min  
 Lab File: VY012708.D  
 Acq: 23 Feb 2023 16:45

Tgt Ion: 152  

| Sig | Exp Ratio |
|-----|-----------|
| 152 | 100       |
| 115 | 57.5      |
| 150 | 173.8     |

