

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY042623\  
 Data File : VY013482.D  
 Acq On : 26 Apr 2023 18:37  
 Operator : KP/MD  
 Sample : 02491-03  
 Misc : 5.02g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 S2S-TP4

Quant Time: Apr 27 01:36:37 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y042423S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 25 02:39:58 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 | 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%# |

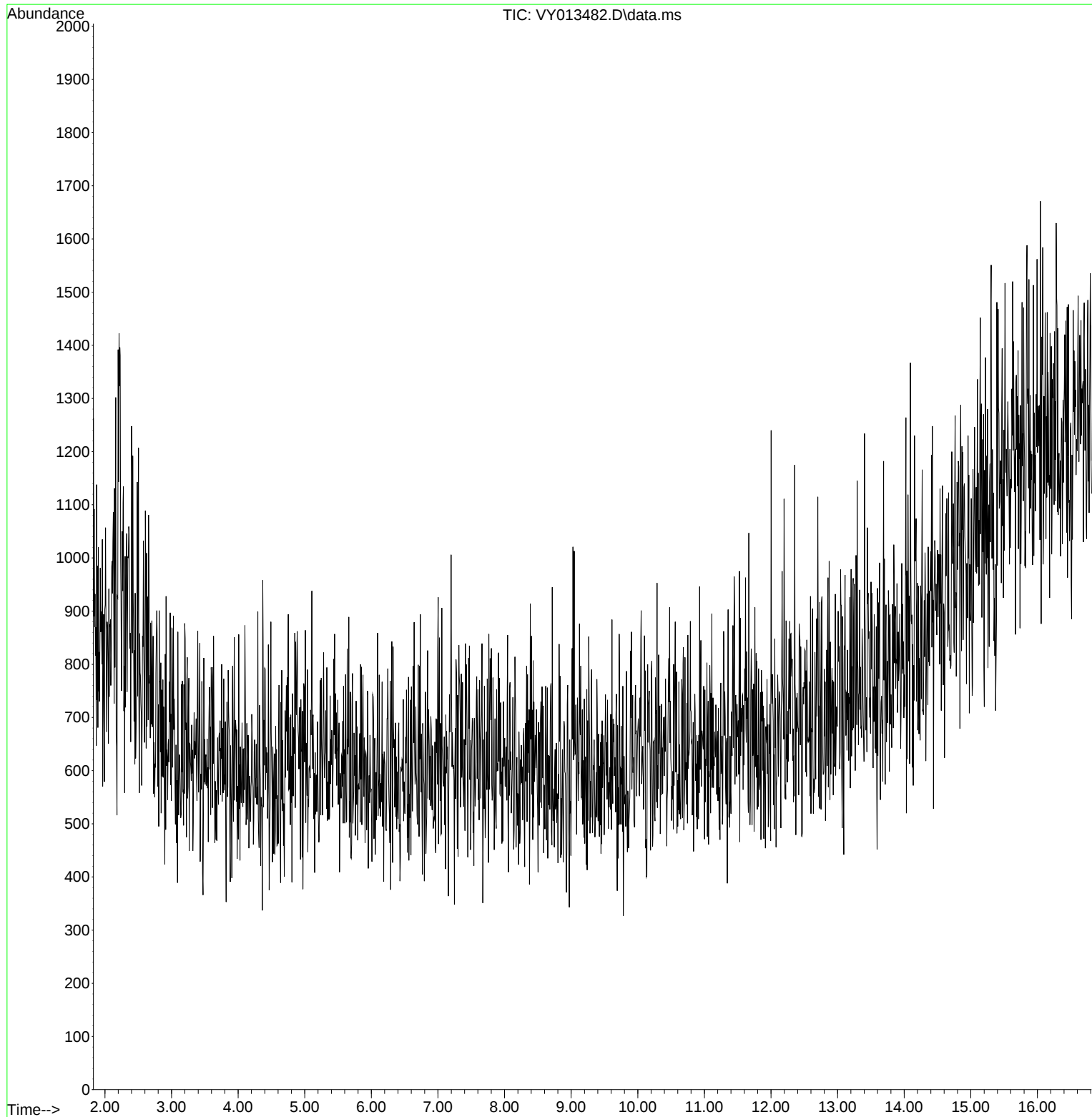
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

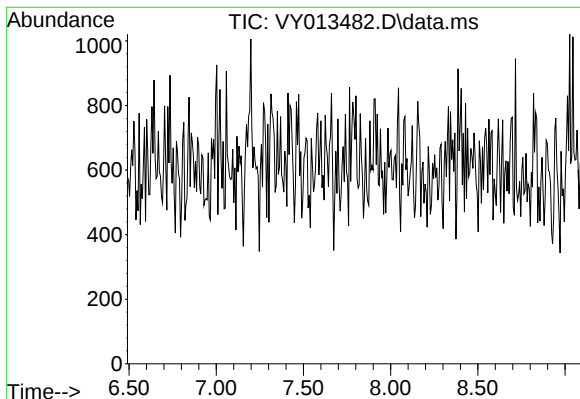
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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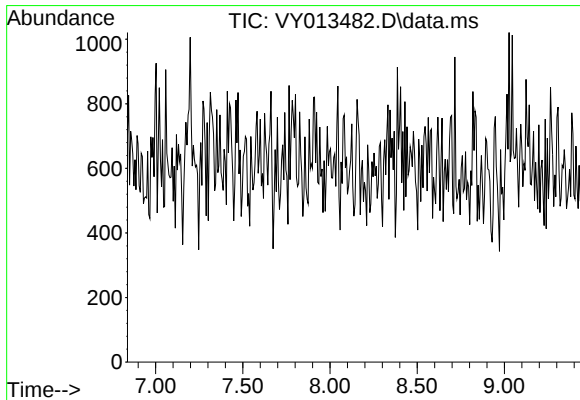
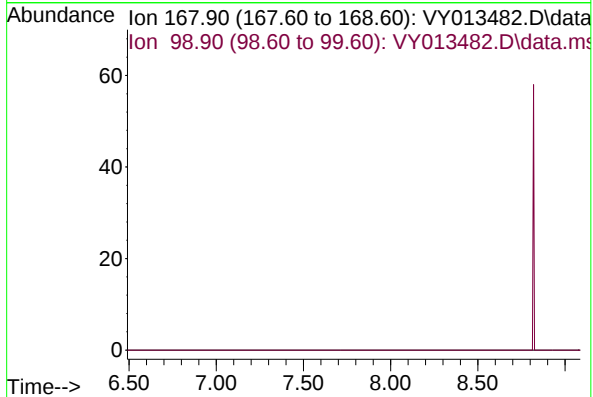




#1  
Pentafluorobenzene  
Concen: 0.000 ug/l  
Expected RT: 7.79 min  
  
Lab File: VY013482.D  
Acq: 26 Apr 2023 18:37

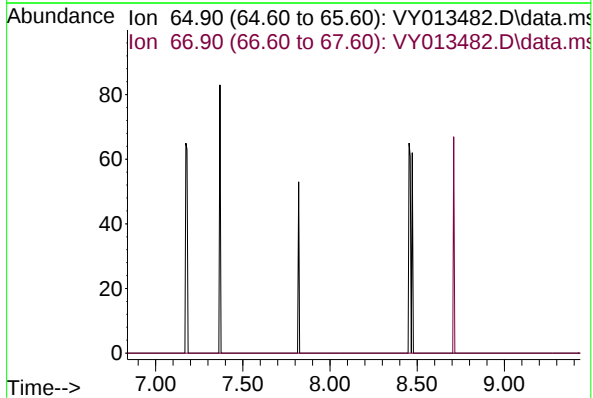
Instrument :  
MSVOA\_Y  
ClientSampleId :  
S2S-TP4

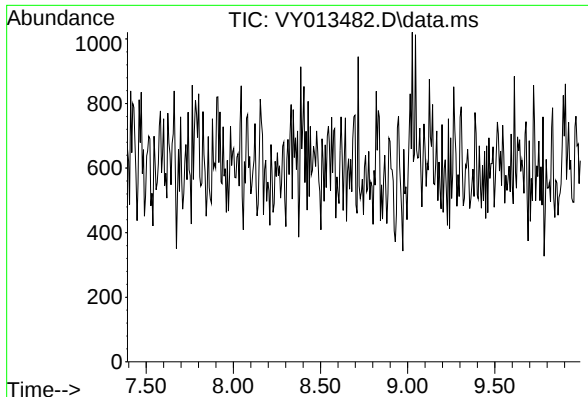
Tgt Ion: 168  
Sig Exp Ratio  
168 100  
99 52.2



#33  
1,2-Dichloroethane-d4  
Concen: 0.000 ug/l  
Expected RT: 8.14 min  
  
Lab File: VY013482.D  
Acq: 26 Apr 2023 18:37

Tgt Ion: 65  
Sig Exp Ratio  
65 100  
67 51.7



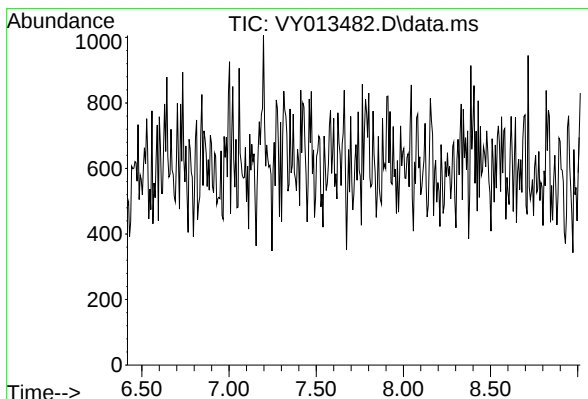
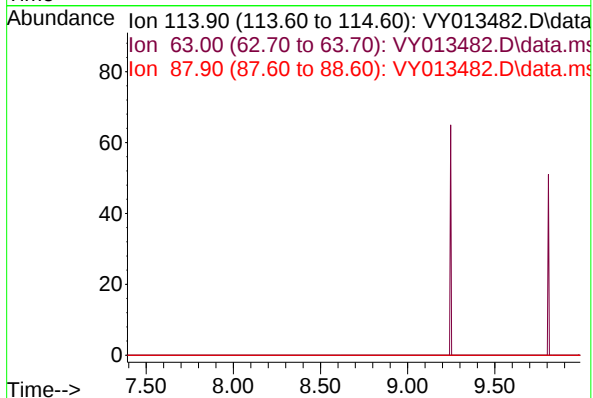


#34  
 1,4-Difluorobenzene  
 Concen: 0.000 ug/l  
 Expected RT: 8.69 min  
 Lab File: VY013482.D  
 Acq: 26 Apr 2023 18:37

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 S2S-TP4

Tgt Ion: 114  

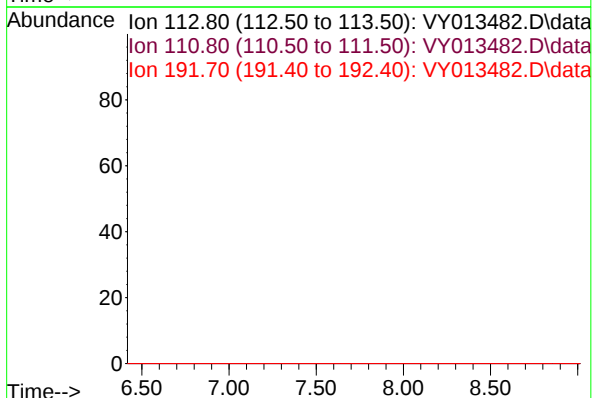
| Sig | Exp Ratio |
|-----|-----------|
| 114 | 100       |
| 63  | 18.3      |
| 88  | 14.4      |

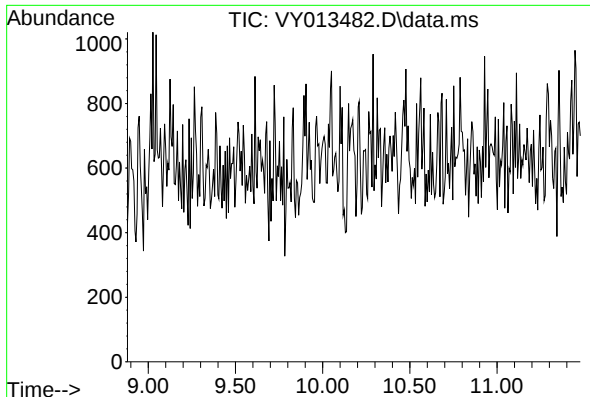


#35  
 Dibromofluoromethane  
 Concen: 0.000 ug/l  
 Expected RT: 7.72 min  
 Lab File: VY013482.D  
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Tgt Ion: 113  

| Sig | Exp Ratio |
|-----|-----------|
| 113 | 100       |
| 111 | 102.7     |
| 192 | 20.9      |

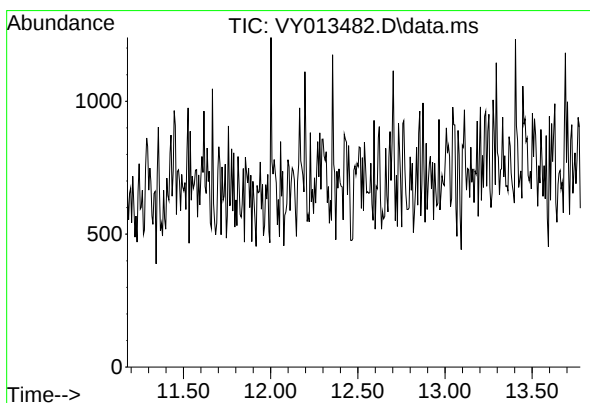
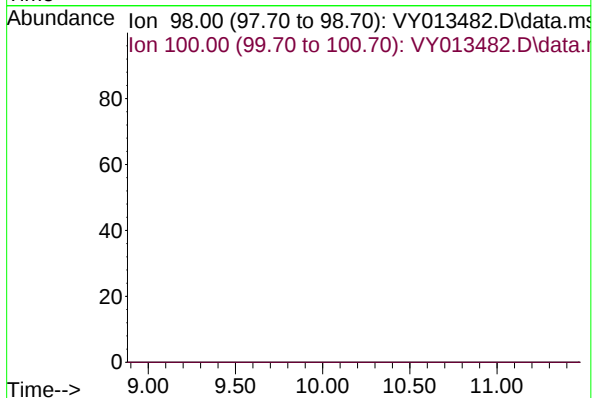




#50  
Toluene-d8  
Concen: 0.000 ug/l  
Expected RT: 10.18 min  
  
Lab File: VY013482.D  
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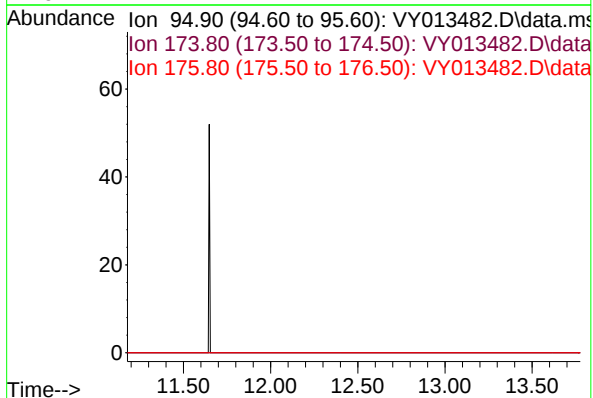
Instrument :  
MSVOA\_Y  
ClientSampleId :  
S2S-TP4

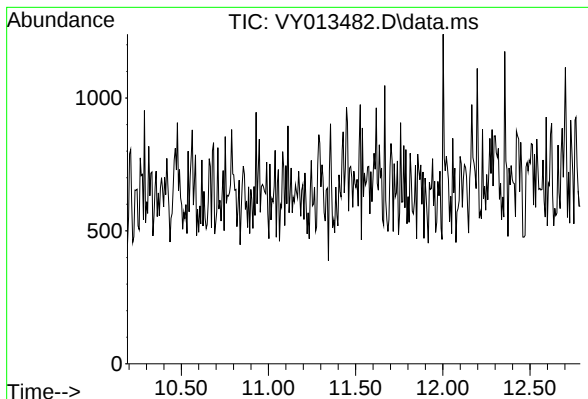
Tgt Ion: 98  
Sig Exp Ratio  
98 100  
100 63.1



#62  
4-Bromofluorobenzene  
Concen: 0.000 ug/l  
Expected RT: 12.48 min  
  
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Tgt Ion: 95  
Sig Exp Ratio  
95 100  
174 91.0  
176 87.7



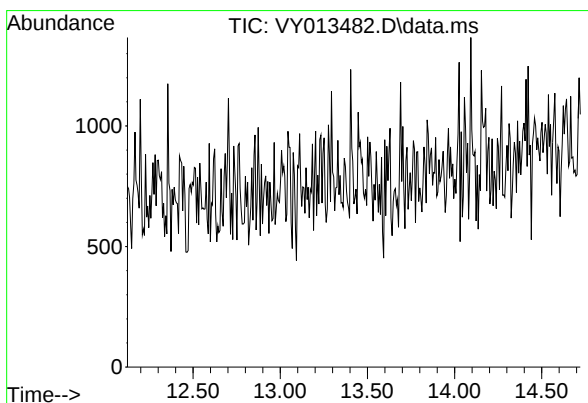
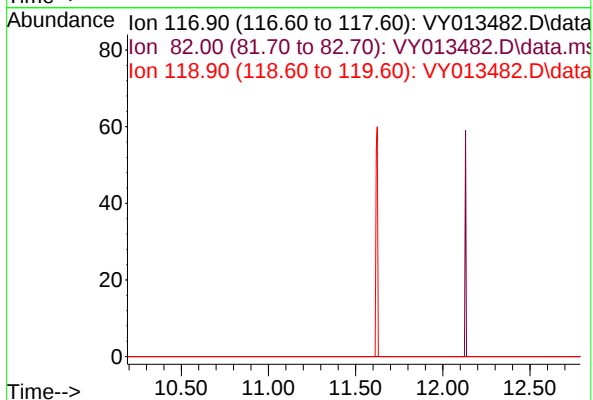


#63  
 Chlorobenzene-d5  
 Concen: 0.000 ug/l  
 Expected RT: 11.49 min

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 Acq: 26 Apr 2023 18:37

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 S2S-TP4

Tgt Ion: 117  
 Sig Exp Ratio  
 117 100  
 82 53.8  
 119 31.9



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 0.000 ug/l  
 Expected RT: 13.42 min

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 Acq: 26 Apr 2023 18:37

Tgt Ion: 152  
 Sig Exp Ratio  
 152 100  
 115 56.1  
 150 176.0

