

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_D\DATA\VD112118\  
 Data File : VD060439.D  
 Acq On : 21 Nov 2018 13:40  
 Operator : JC/SY  
 Sample : J5967-04  
 Misc : 5.09g/5ml/MSVOA\_D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 FDSB-14(16-18)

Quant Time: Nov 22 03:33:18 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D110618S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 19 16:31:59 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|------|------|----------|------|-------|----------|
| 1) Pentafluorobenzene      | 0.00 | 168  | 0        | 0.00 | ug/l  | -6.43    |
| 34) 1,4-Difluorobenzene    | 0.00 | 114  | 0        | 0.00 | ug/l  | -7.46    |
| 63) Chlorobenzene-d5       | 0.00 | 117  | 0        | 0.00 | ug/l  | -11.30   |
| 72) 1,4-Dichlorobenzene-d4 | 0.00 | 152  | 0        | 0.00 | ug/l  | -13.38   |

| System Monitoring Compounds |        | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|--------|------|------|----------|------|-------|----------|
| 33) 1,2-Dichloroethane-d4   |        | 0.00 | 65   | 0        | 0.00 | ug/l  |          |
| Spiked Amount               | 50.000 |      |      | Recovery | =    | 0.00% |          |
| 35) Dibromofluoromethane    |        | 0.00 | 113  | 0        | 0.00 | ug/l  |          |
| Spiked Amount               | 50.000 |      |      | Recovery | =    | 0.00% |          |
| 50) Toluene-d8              |        | 0.00 | 98   | 0        | 0.00 | ug/l  |          |
| Spiked Amount               | 50.000 |      |      | Recovery | =    | 0.00% |          |
| 62) 4-Bromofluorobenzene    |        | 0.00 | 95   | 0        | 0.00 | ug/l  |          |
| Spiked Amount               | 50.000 |      |      | Recovery | =    | 0.00% |          |

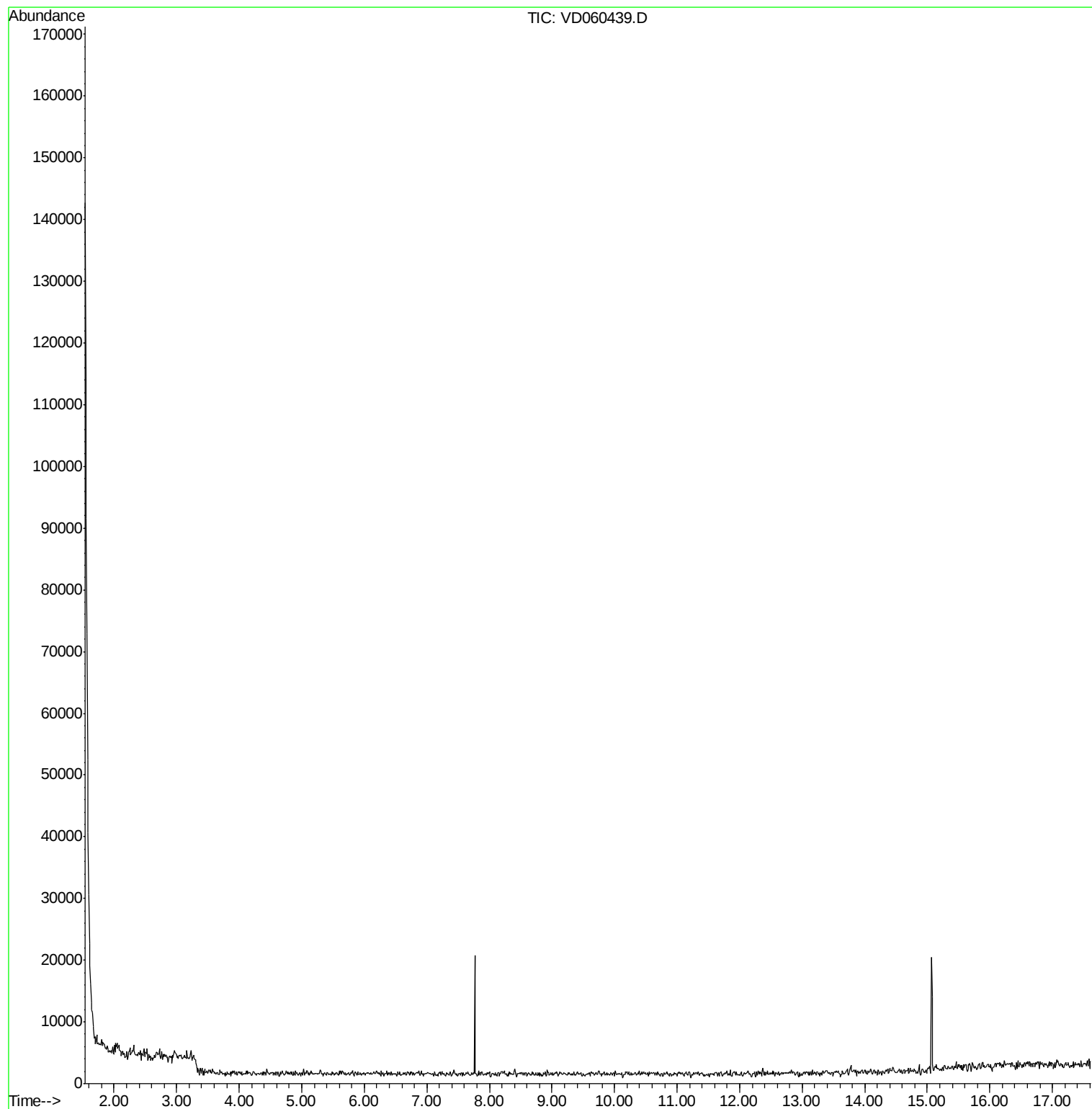
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

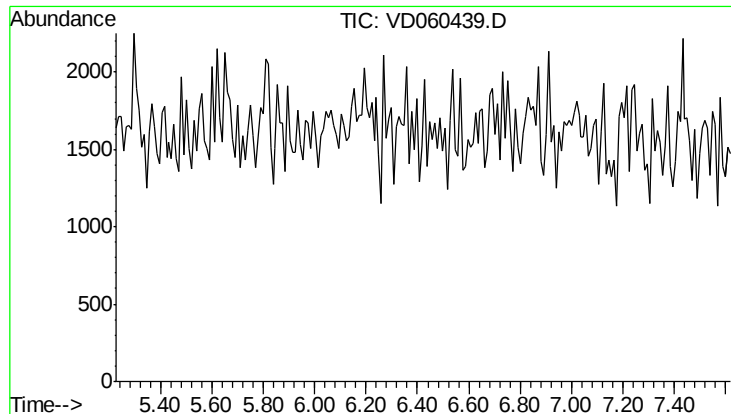
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Mon Nov 19 16:31:59 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 6.43 min

Lab File: VD060439.D

Acq: 21 Nov 2018 13:40

Tgt Ion: 168

Sig Exp Ratio

168 100

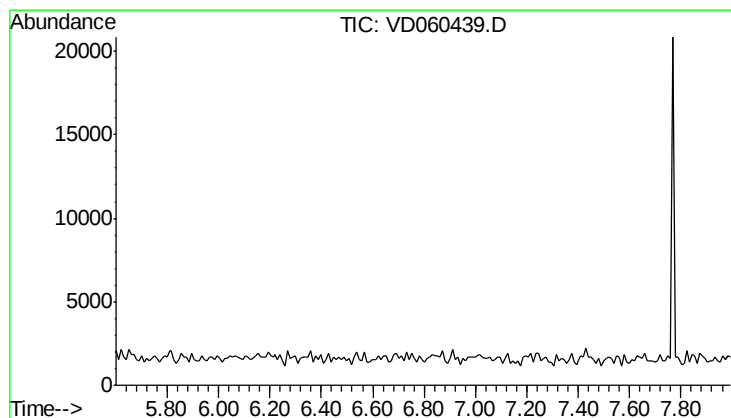
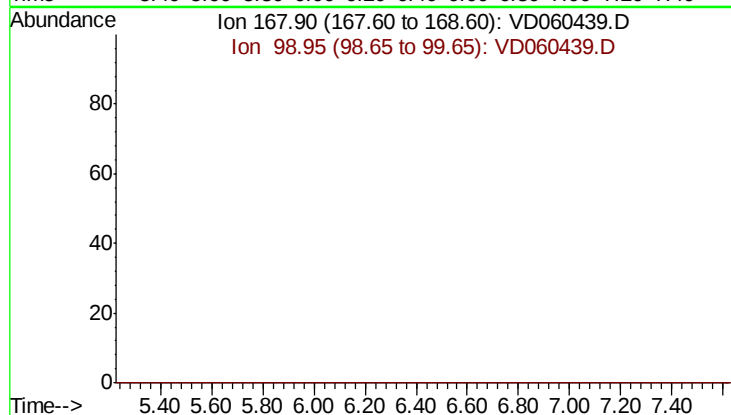
99 49.8

Instrument :

MSVOA\_D

ClientSampleId :

FDSB-14(16-18)



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

Expected RT: 6.80 min

Lab File: VD060439.D

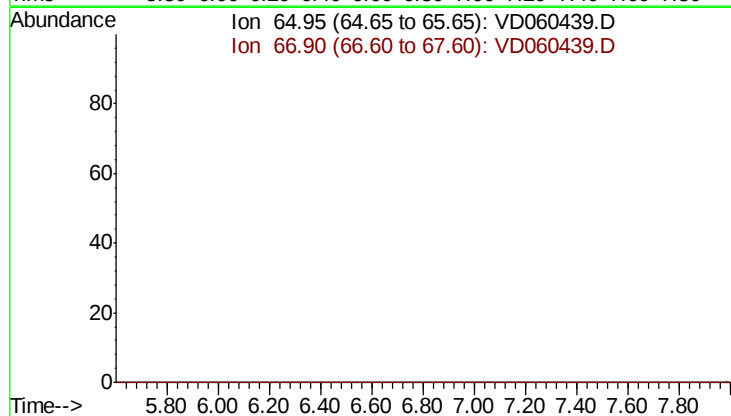
Acq: 21 Nov 2018 13:40

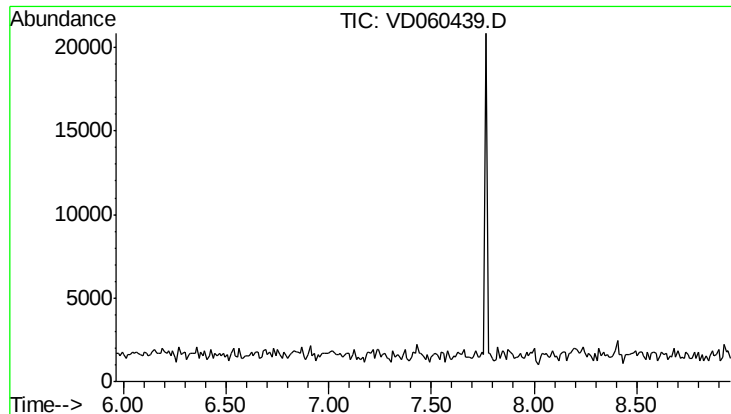
Tgt Ion: 65

Sig Exp Ratio

65 100

67 54.9

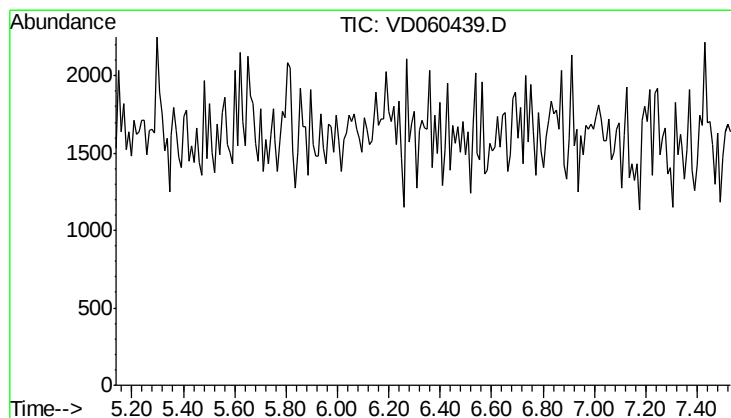
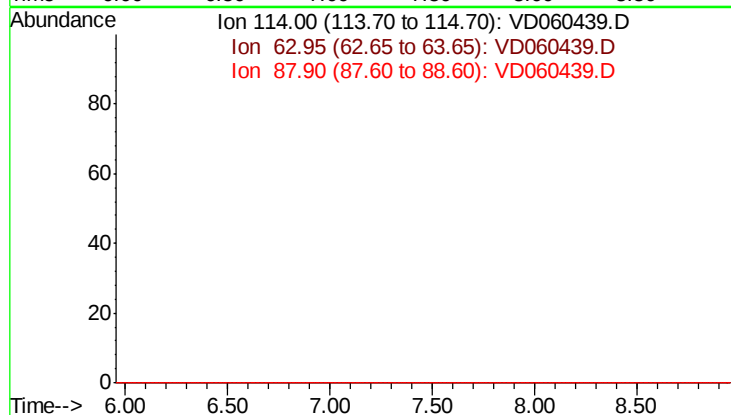




#34  
 1,4-Difluorobenzene  
 Concen: 0.000 ug/l  
 Expected RT: 7.46 min  
 Lab File: VD060439.D  
 Acq: 21 Nov 2018 13:40

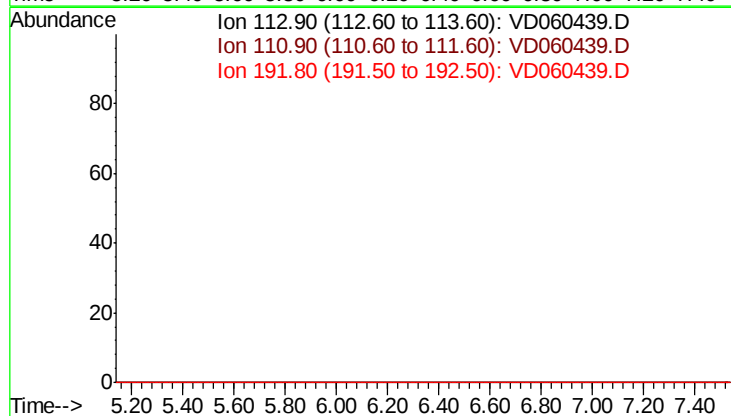
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 FDSB-14(16-18)

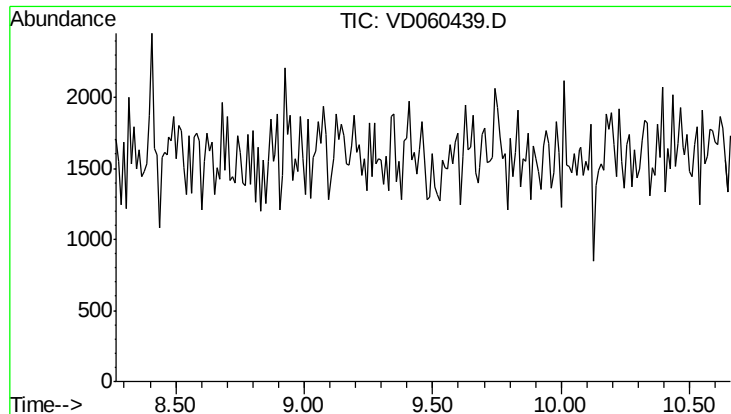
Tgt Ion: 114  
 Sig Exp Ratio  
 114 100  
 63 17.0  
 88 17.7



#35  
 Dibromofluoromethane  
 Concen: 0.000 ug/l  
 Expected RT: 6.34 min  
 Lab File: VD060439.D  
 Acq: 21 Nov 2018 13:40

Tgt Ion: 113  
 Sig Exp Ratio  
 113 100  
 111 102.0  
 192 20.6



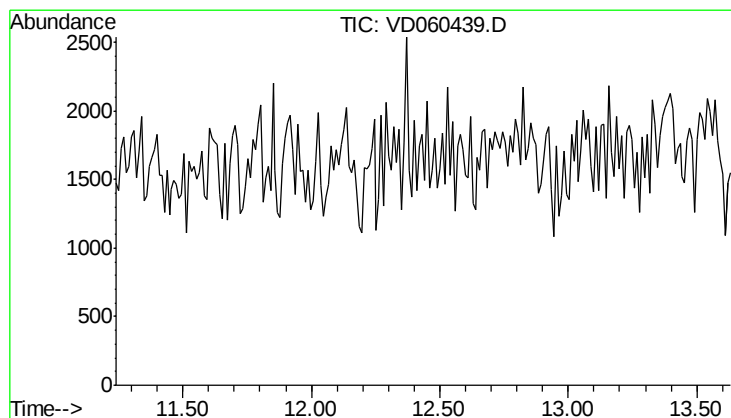
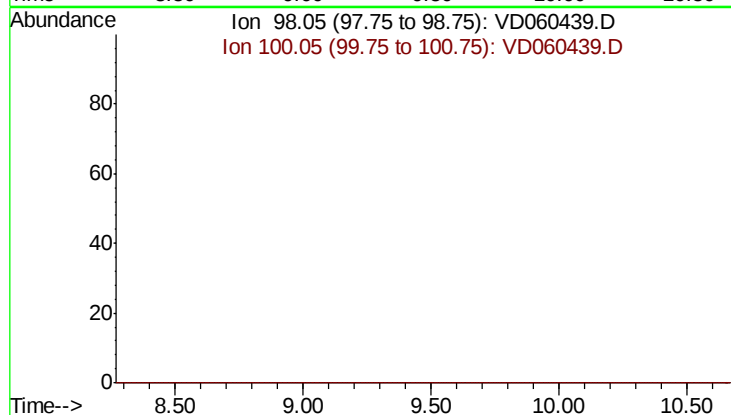


#50  
Toluene-d8  
Concen: N.D. ug/l  
Expected RT: 9.47 min

Lab File: VD060439.D  
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Instrument :  
MSVOA\_D  
ClientSampleId :  
FDSB-14(16-18)

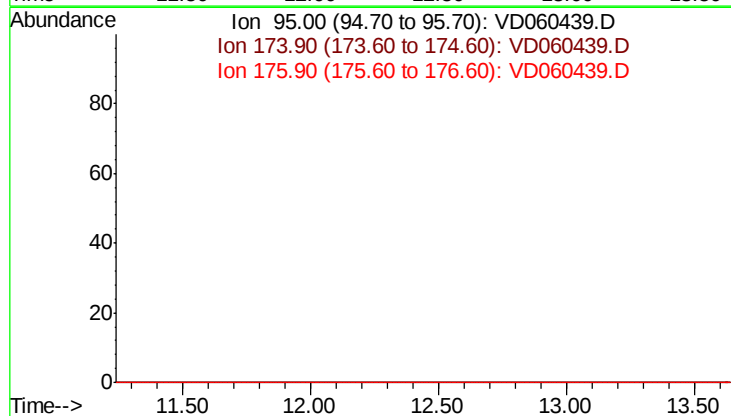
Tgt Ion: 98  
Sig Exp Ratio  
98 100  
100 69.0

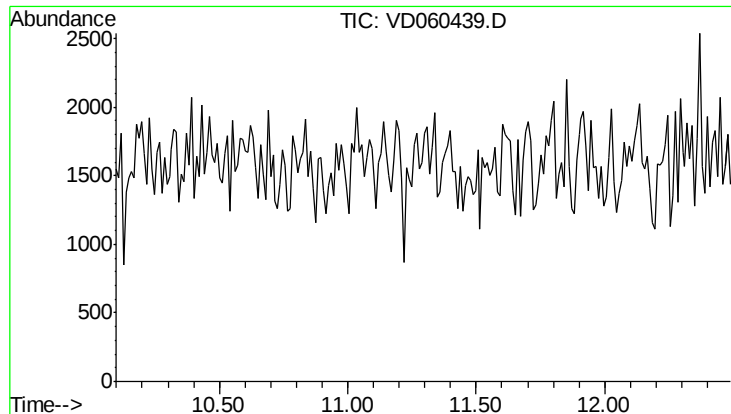


#62  
4-Bromofluorobenzene  
Concen: N.D. ug/l  
Expected RT: 12.44 min

Lab File: VD060439.D  
Acq: 21 Nov 2018 13:40

Tgt Ion: 95  
Sig Exp Ratio  
95 100  
174 80.4  
176 77.3



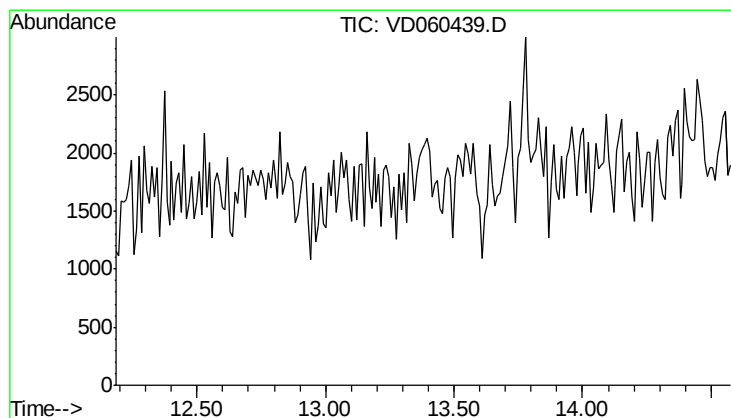
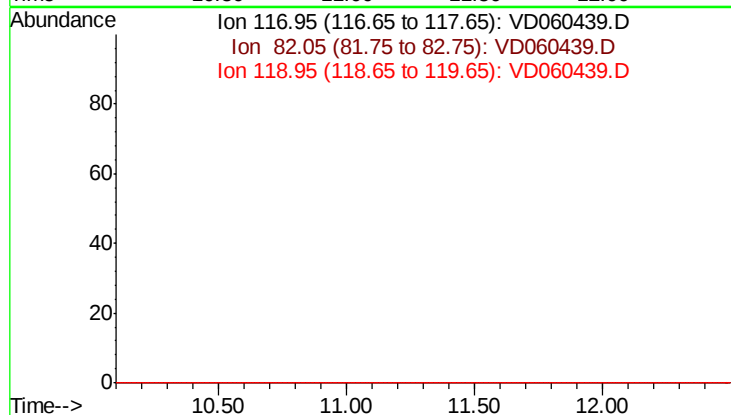


#63  
 Chlorobenzene-d5  
 Concen: 0.000 ug/l  
 Expected RT: 11.30 min

Lab File: VD060439.D  
 Acq: 21 Nov 2018 13:40

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 FDSB-14(16-18)

Tgt Ion: 117  
 Sig Exp Ratio  
 117 100  
 82 54.6  
 119 32.6



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 0.000 ug/l  
 Expected RT: 13.38 min

Lab File: VD060439.D  
 Acq: 21 Nov 2018 13:40

Tgt Ion: 152  
 Sig Exp Ratio  
 152 100  
 115 48.2  
 150 155.3

