

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\  
 Data File : VF060080.D  
 Acq On : 24 Aug 2018 5:32  
 Operator : VA/AP  
 Sample : J4594-01  
 Misc : 5.84g/5mL/MSVOA F/SOIL  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :

Quant Time: Aug 24 08:48:04 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F082118S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 22 04:43:43 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  | -5.05    |
| 34) 1,4-Difluorobenzene     | 0.00 | 114  | 0        | 0.00 | ug/l  | -5.78    |
| 63) Chlorobenzene-d5        | 0.00 | 117  | 0        | 0.00 | ug/l  | -9.93    |
| 72) 1,4-Dichlorobenzene-d4  | 0.00 | 152  | 0        | 0.00 | ug/l  | -12.64   |
| System Monitoring Compounds |      |      |          |      |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.15 | 65   | 90       | 0.00 | ug/l  | 0.12     |
| 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% |          |

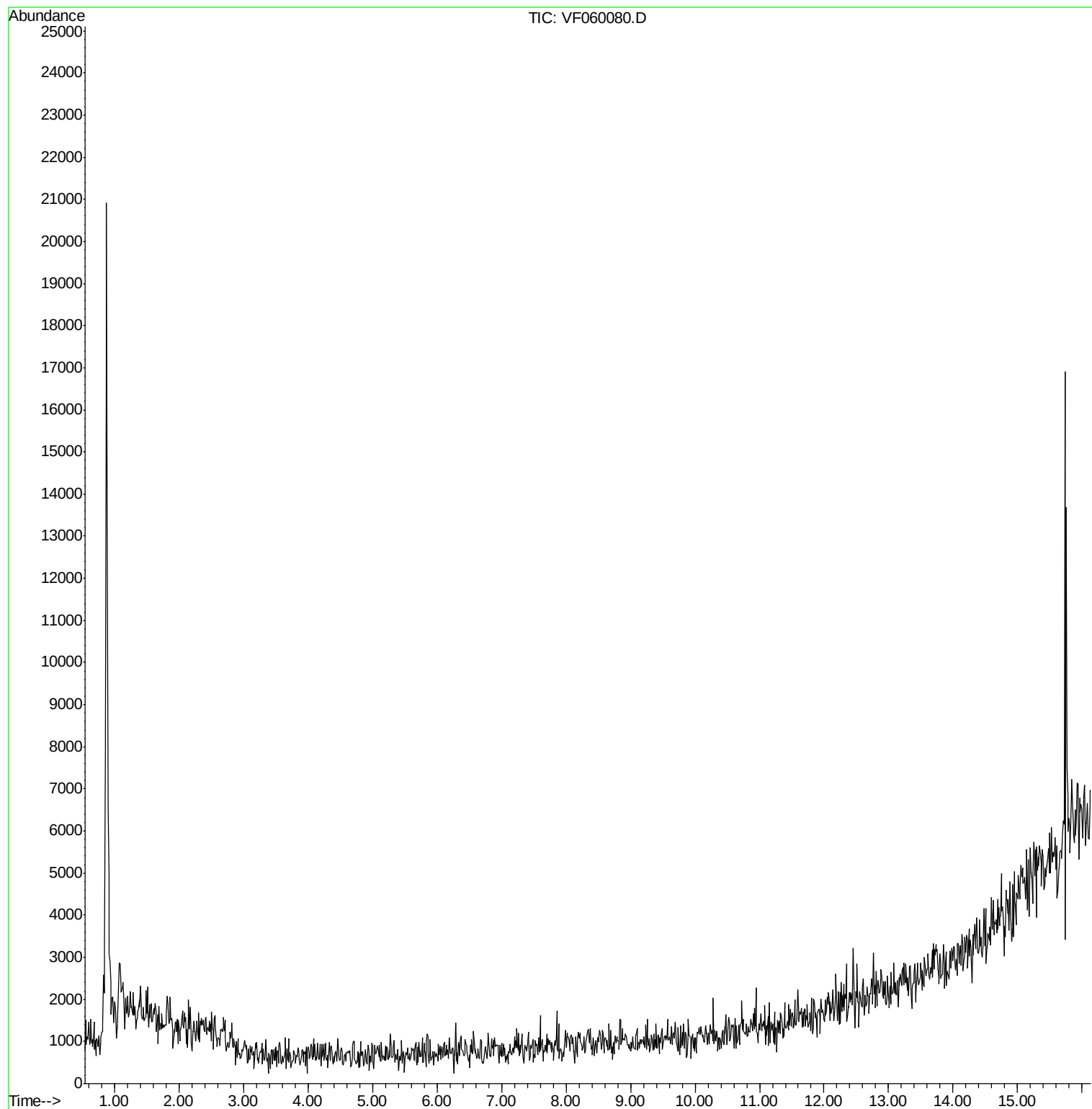
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
|------------------|--------|

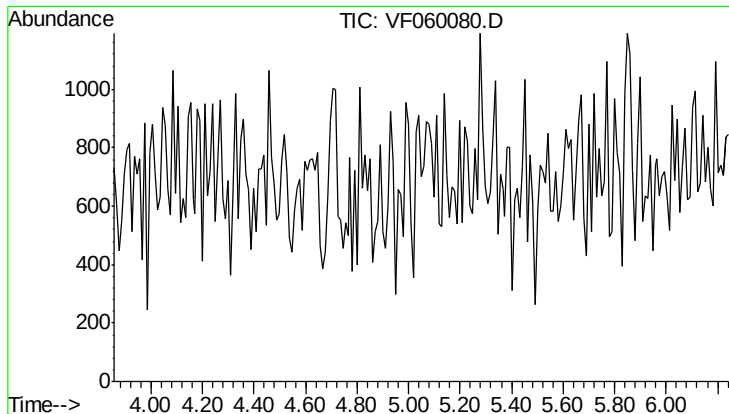
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 0.00 ug/l

Expected RT: 5.05 min

Lab File: VF060080.D

Acq: 24 Aug 2018 5:32

Tot Ion: 168

Sig Exp Ratio

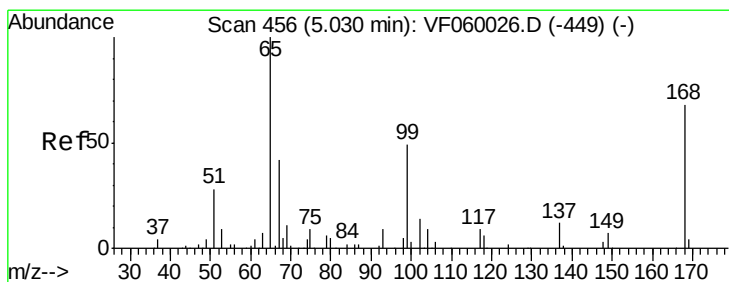
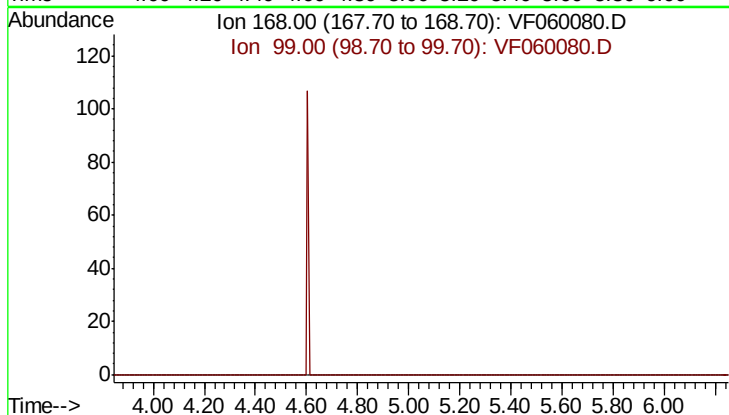
168 100

99 65.8

Instrument :

MSVOA\_F

ClientSampleId :



#33

1,2-Dichloroethane-d4

Concen: 0.00 ug/l

RT: 5.15 min Scan# 468

Delta R.T. 0.12 min

Lab File: VF060080.D

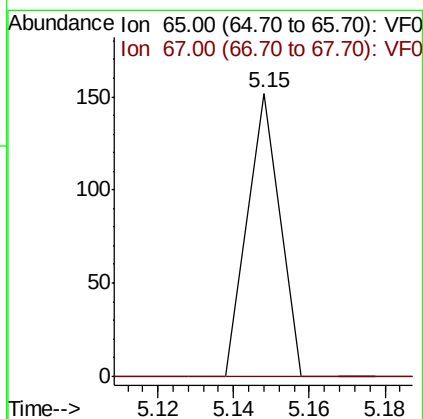
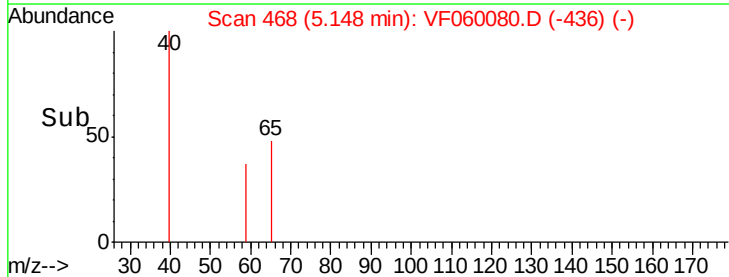
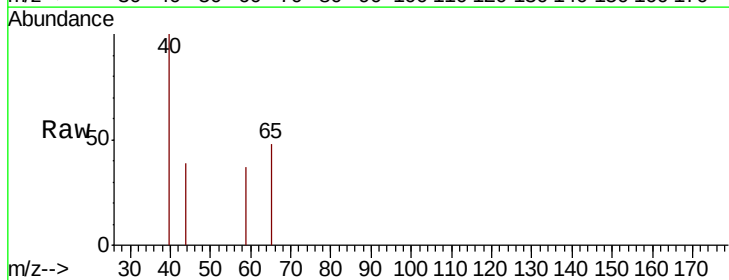
Acq: 24 Aug 2018 5:32

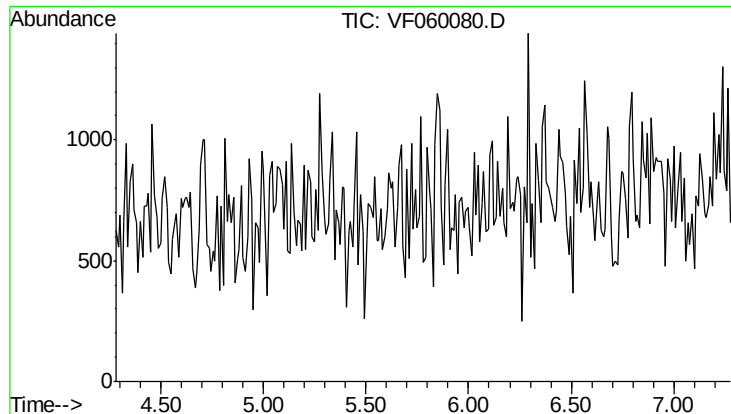
Tgt Ion: 65 Resp: 90

Ion Ratio Lower Upper

65 100

67 0.0 0.0 92.0





#34

1,4-Difluorobenzene

Concen: 0.00 ug/l

Expected RT: 5.78 min

Lab File: VF060080.D

Acq: 24 Aug 2018 5:32

Tot Ion: 114

Sig Exp Ratio

114 100

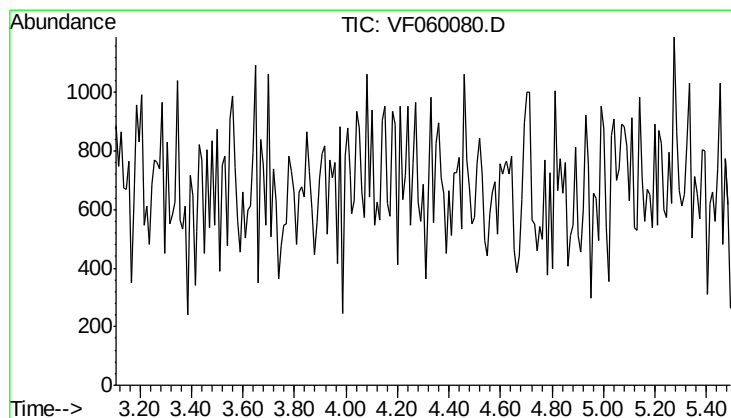
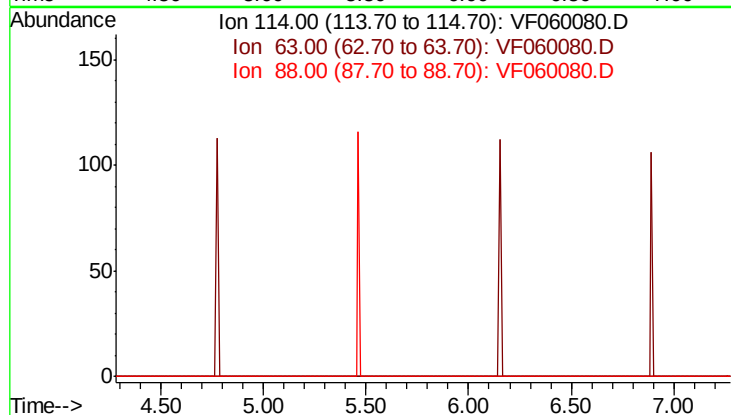
63 20.2

88 19.3

Instrument :

MSVOA\_F

ClientSampleId :



#35

Dibromofluoromethane

Concen: 0.00 ug/l

Expected RT: 4.30 min

Lab File: VF060080.D

Acq: 24 Aug 2018 5:32

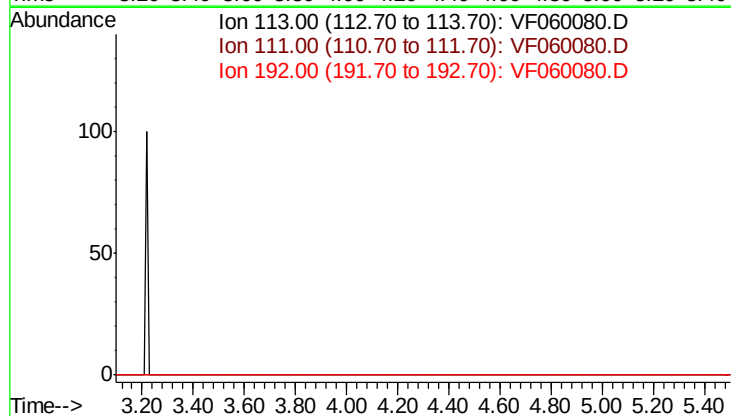
Tgt Ion: 113

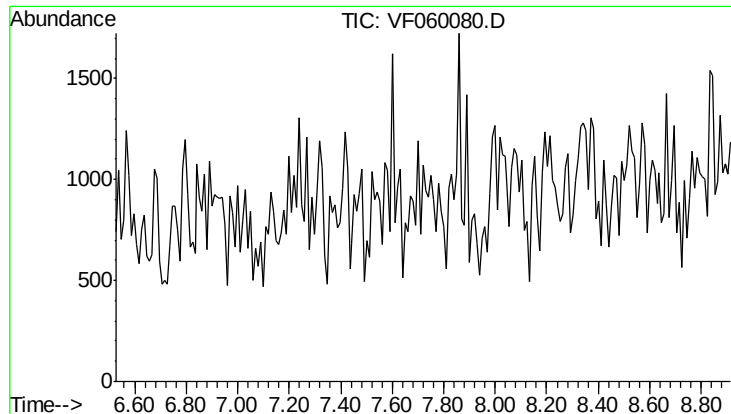
Sig Exp Ratio

113 100

111 103.4

192 16.2

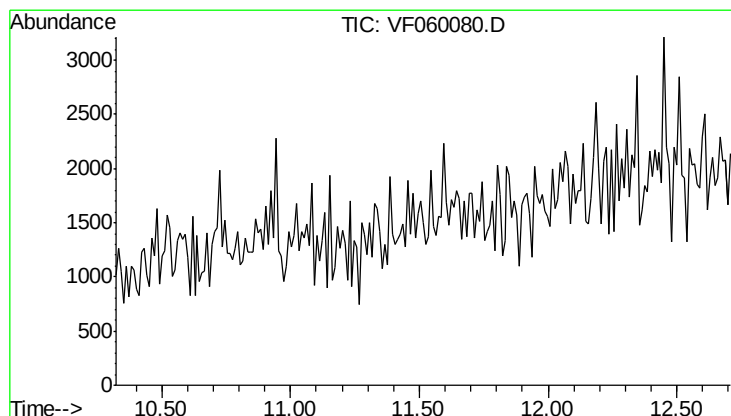
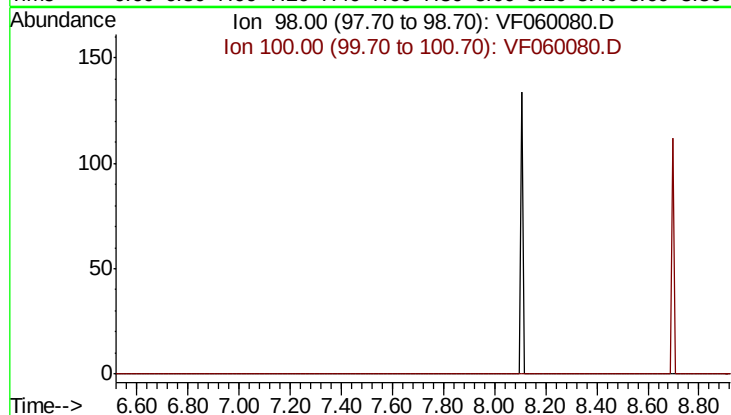




#50  
Toluene-d8  
Concen: 0.00 ug/l  
Expected RT: 7.72 min  
  
Lab File: VF060080.D  
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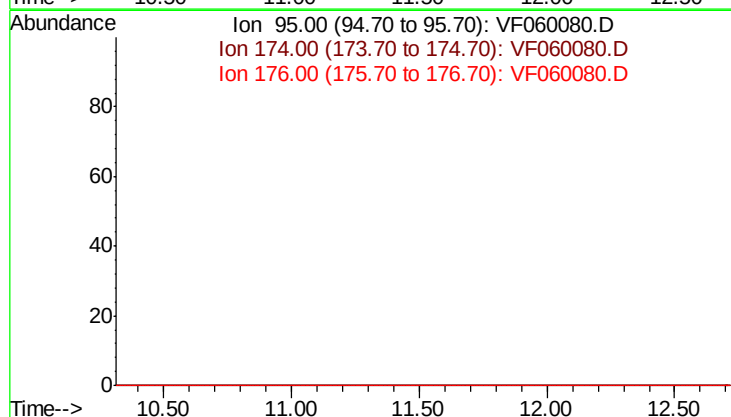
Instrument :  
MSVOA\_F  
ClientSampleId :

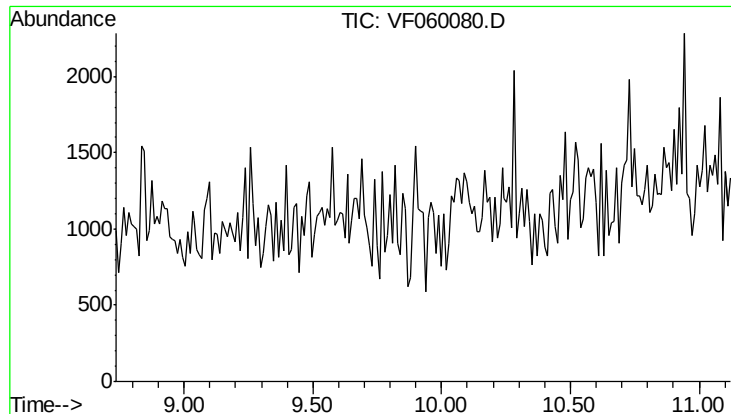
| Tot Ion | 98        |
|---------|-----------|
| Sig     | Exp Ratio |
| 98      | 100       |
| 100     | 66.5      |



#62  
4-Bromofluorobenzene  
Concen: 0.00 ug/l  
Expected RT: 11.52 min  
  
Lab File: VF060080.D  
Acq: 24 Aug 2018 5:32

| Tgt Ion | 95        |
|---------|-----------|
| Sig     | Exp Ratio |
| 95      | 100       |
| 174     | 79.2      |
| 176     | 76.5      |

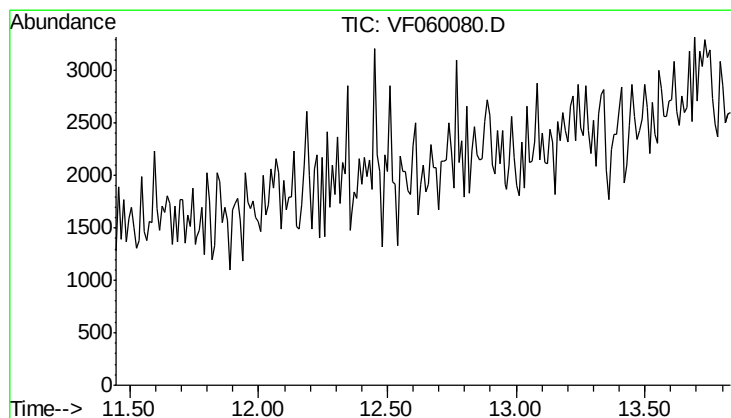
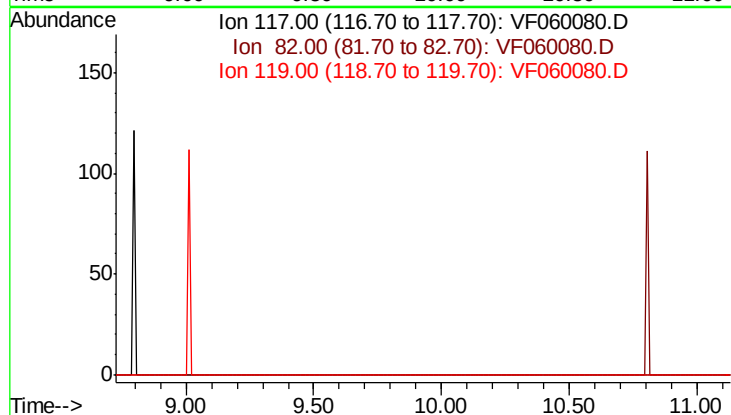




#63  
 Chlorobenzene-d5  
 Concen: 0.00 ug/l  
 Expected RT: 9.93 min  
 Lab File: VF060080.D  
 Acq: 24 Aug 2018 5:32

Instrument :  
 MSVOA\_F  
 ClientSampleId :

| Tot Ion | 117       |
|---------|-----------|
| Sig     | Exp Ratio |
| 117     | 100       |
| 82      | 54.5      |
| 119     | 32.0      |



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 0.00 ug/l  
 Expected RT: 12.64 min  
 Lab File: VF060080.D  
 Acq: 24 Aug 2018 5:32

| Tgt Ion | 152       |
|---------|-----------|
| Sig     | Exp Ratio |
| 152     | 100       |
| 115     | 57.3      |
| 150     | 156.0     |

