

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_F\DATA\VF081018\  
 Data File : VF059945.D  
 Acq On : 10 Aug 2018 15:29  
 Operator : VA/AP  
 Sample : J4388-05RE  
 Misc : 5.55g/5mL/MSVOA\_F/SOIL  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 S-3ARE

Quant Time: Aug 10 23:04:26 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F080418S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 04 07:08:36 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  | -5.04    |
| 34) 1,4-Difluorobenzene     | 0.00  | 114  | 0        | 0.00 | ug/l  | -5.77    |
| 63) Chlorobenzene-d5        | 0.00  | 117  | 0        | 0.00 | ug/l  | -9.92    |
| 72) 1,4-Dichlorobenzene-d4  | 0.00  | 152  | 0        | 0.00 | ug/l  | -12.63   |
| System Monitoring Compounds |       |      |          |      |       |          |
| 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    | 11.53 | 95   | 62       | 0.00 | ug/l  | 0.02     |
| Spiked Amount 50.000        |       |      | Recovery | =    | 0.00% |          |

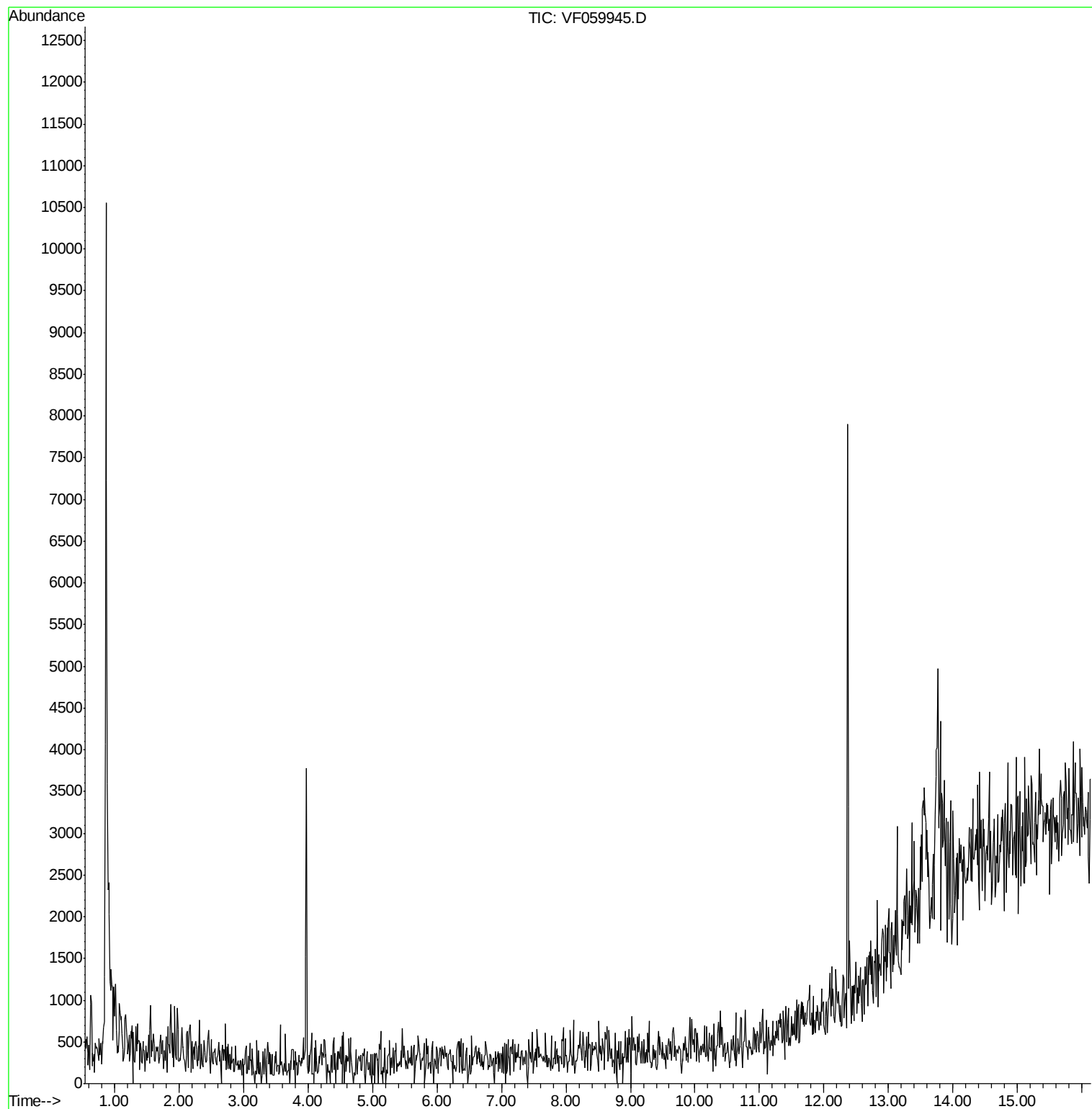
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

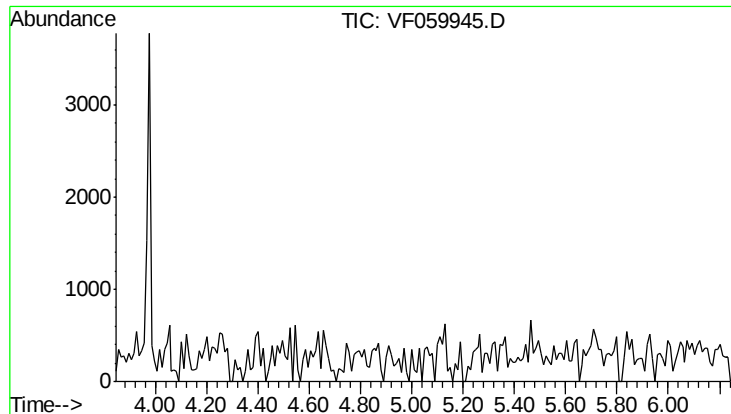
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_F\DATA\VF081018\  
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Quant Title : SW846 8260  
QLast Update : Sat Aug 04 07:08:36 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 5.04 min

Lab File: VF059945.D

Acq: 10 Aug 2018 15:29

Instrument :

MSVOA\_F

ClientSampleId :

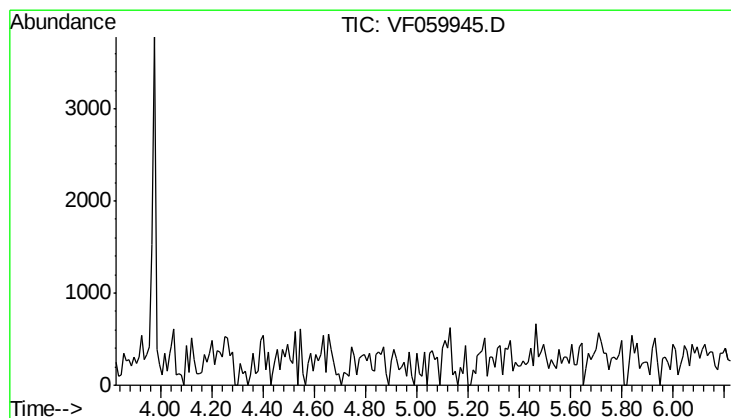
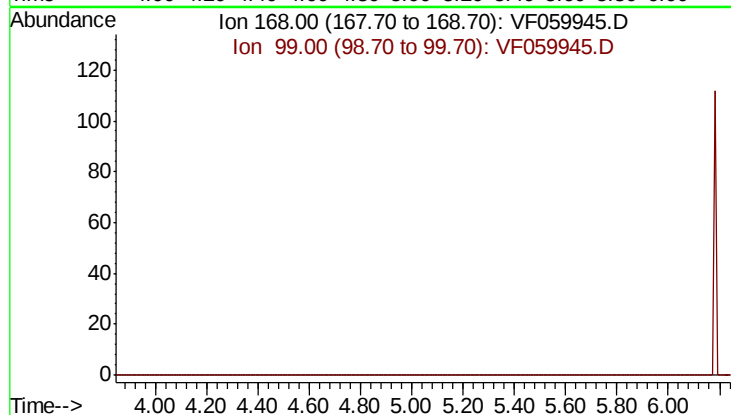
S-3ARE

Tgt Ion: 168

Sig Exp Ratio

168 100

99 82.9



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 5.02 min

Lab File: VF059945.D

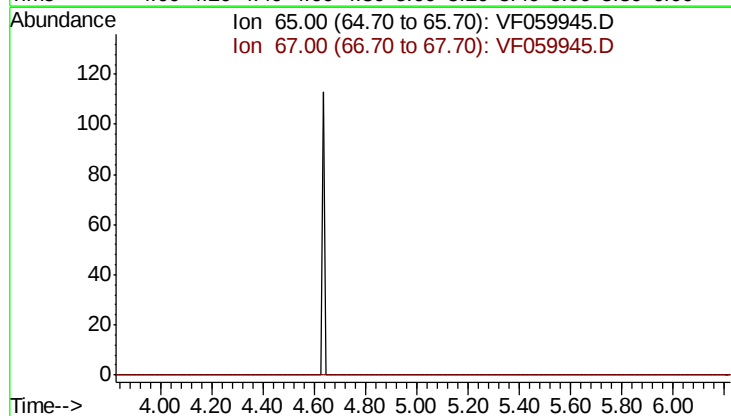
Acq: 10 Aug 2018 15:29

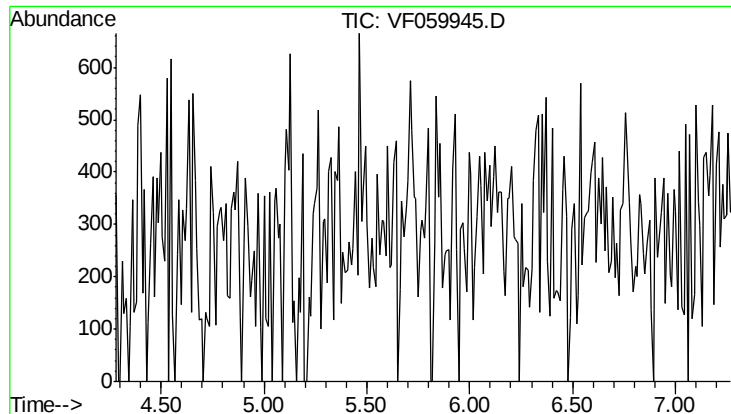
Tgt Ion: 65

Sig Exp Ratio

65 100

67 38.6

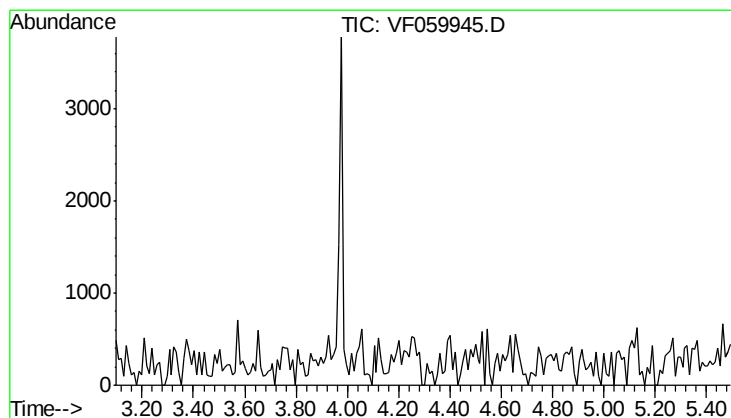
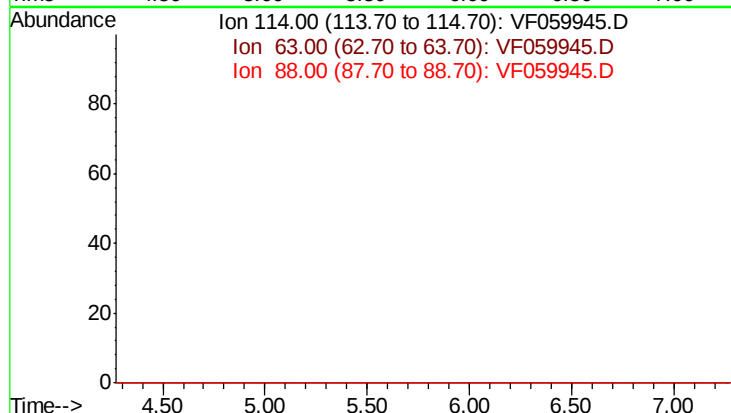




#34  
 1,4-Difluorobenzene  
 Concen: 0.000 ug/l  
 Expected RT: 5.77 min  
 Lab File: VF059945.D  
 Acq: 10 Aug 2018 15:29

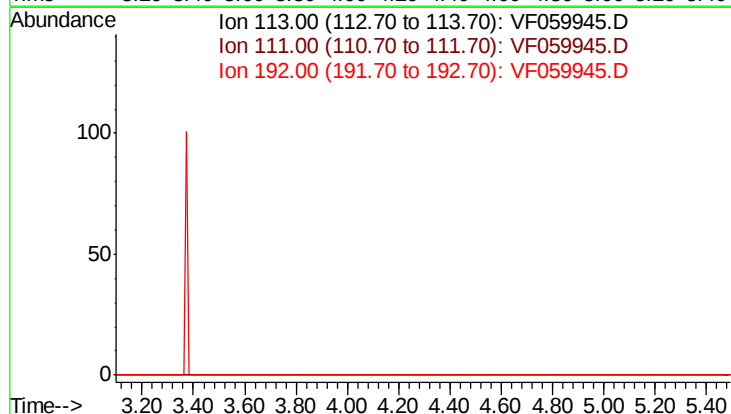
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 S-3ARE

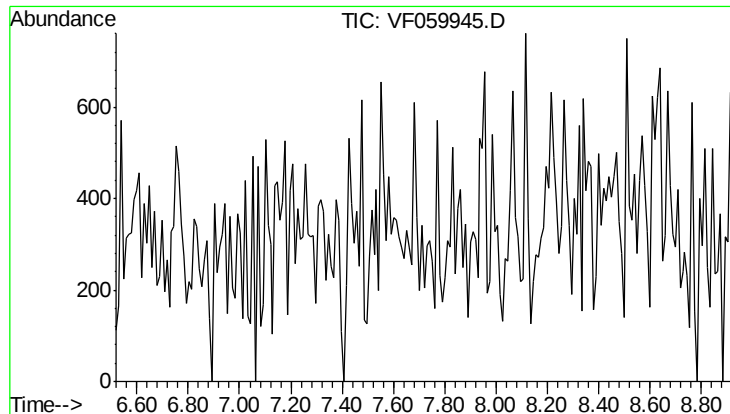
Tgt Ion: 114  
 Sig Exp Ratio  
 114 100  
 63 24.0  
 88 19.7



#35  
 Dibromofluoromethane  
 Concen: 0.000 ug/l  
 Expected RT: 4.29 min  
 Lab File: VF059945.D  
 Acq: 10 Aug 2018 15:29

Tgt Ion: 113  
 Sig Exp Ratio  
 113 100  
 111 102.3  
 192 15.5



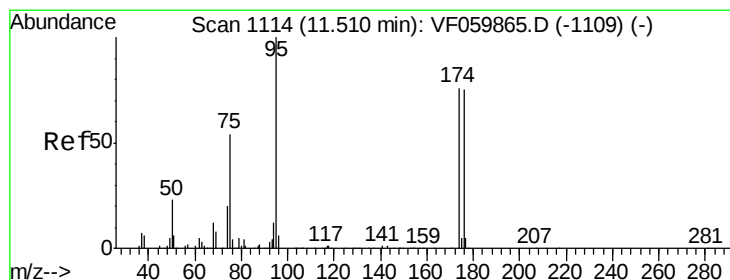
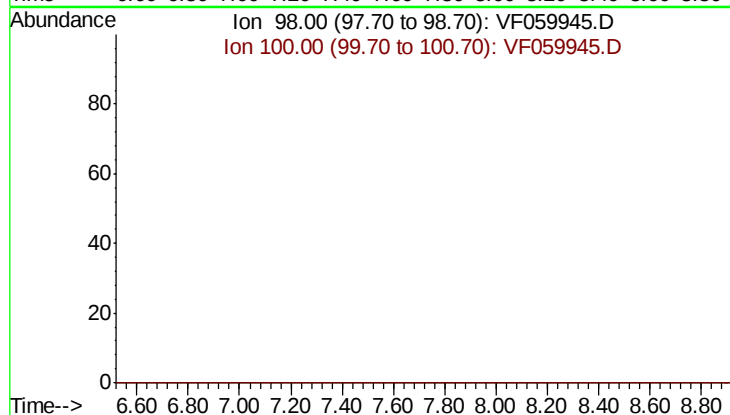


#50  
Toluene-d8  
Concen: 0.000 ug/l  
Expected RT: 7.71 min

Lab File: VF059945.D  
Acq: 10 Aug 2018 15:29

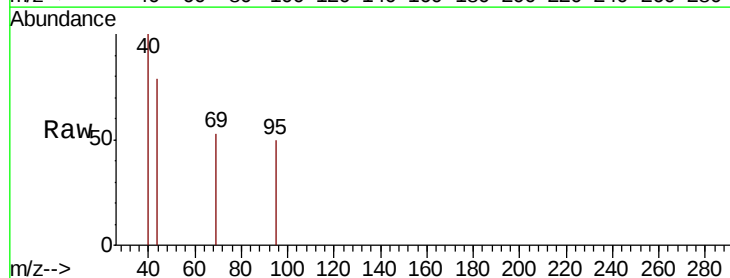
Instrument :  
MSVOA\_F  
ClientSampleId :  
S-3ARE

Tgt Ion: 98  
Sig Exp Ratio  
98 100  
100 68.8

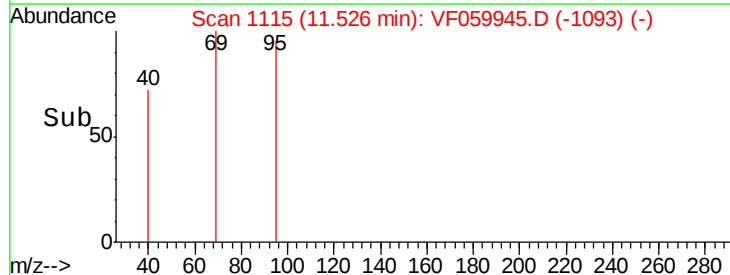
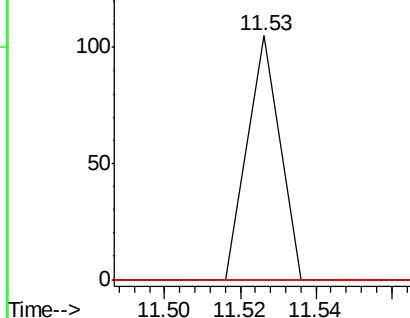


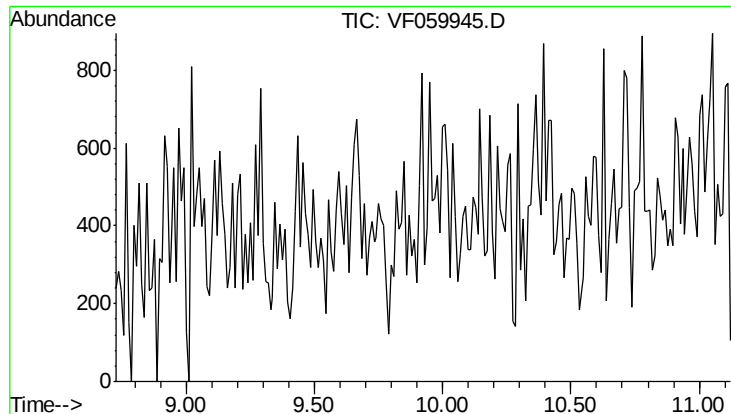
#62  
4-Bromofluorobenzene  
Concen: 0.000 ug/l  
RT: 11.53 min Scan# 1115  
Delta R.T. 0.02 min  
Lab File: VF059945.D  
Acq: 10 Aug 2018 15:29

Tgt Ion: 95 Resp: 62  
Ion Ratio Lower Upper  
95 100  
174 0.0 0.0 151.6  
176 0.0 0.0 149.8



Abundance Ion 95.00 (94.70 to 95.70): VF0  
Ion 174.00 (173.70 to 174.70): V  
Ion 176.00 (175.70 to 176.70): V

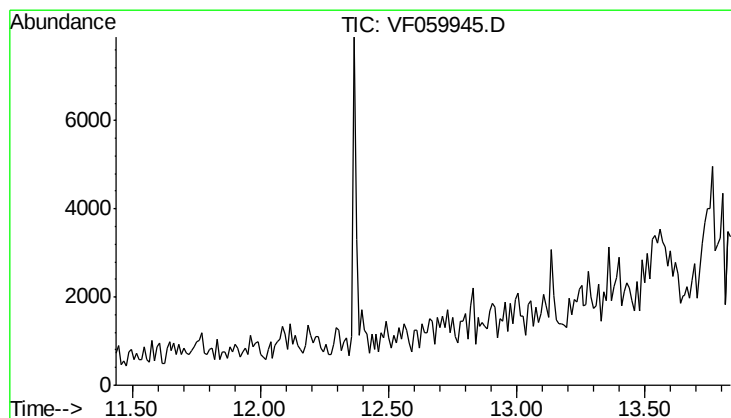
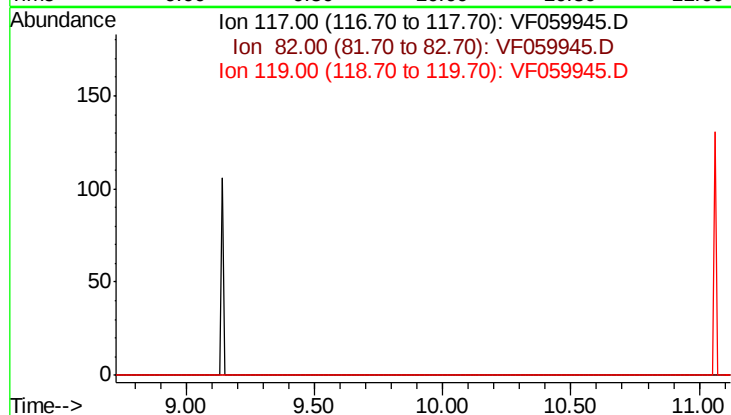




#63  
 Chlorobenzene-d5  
 Concen: 0.000 ug/l  
 Expected RT: 9.92 min  
 Lab File: VF059945.D  
 Acq: 10 Aug 2018 15:29

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 S-3ARE

Tgt Ion: 117  
 Sig Exp Ratio  
 117 100  
 82 64.1  
 119 33.0



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 0.000 ug/l  
 Expected RT: 12.63 min  
 Lab File: VF059945.D  
 Acq: 10 Aug 2018 15:29

Tgt Ion: 152  
 Sig Exp Ratio  
 152 100  
 115 59.6  
 150 157.8

