

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031419\  
 Data File : VF061943.D  
 Acq On : 14 Mar 2019 17:22  
 Operator : VA/AP  
 Sample : K1905-01  
 Misc : 5.78g/5mL/MSVOA-F/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 RT5124

Quant Time: Mar 15 01:18:22 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F030419S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 05 04:50:44 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 1) Pentafluorobenzene       | 0.00  | 168  | 0        | 0.00 | ug/l  | -4.88    |
| 34) 1,4-Difluorobenzene     | 0.00  | 114  | 0        | 0.00 | ug/l  | -5.61    |
| 63) Chlorobenzene-d5        | 0.00  | 117  | 0        | 0.00 | ug/l  | -9.78    |
| 72) 1,4-Dichlorobenzene-d4  | 0.00  | 152  | 0        | 0.00 | ug/l  | -12.55   |
| System Monitoring Compounds |       |      |          |      |       |          |
| 33) 1,2-Dichloroethane-d4   | 4.90  | 65   | 71       | 0.00 | ug/l  | 0.05     |
| 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    | 11.42 | 95   | 63       | 0.00 | ug/l  | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =    | 0.00% |          |

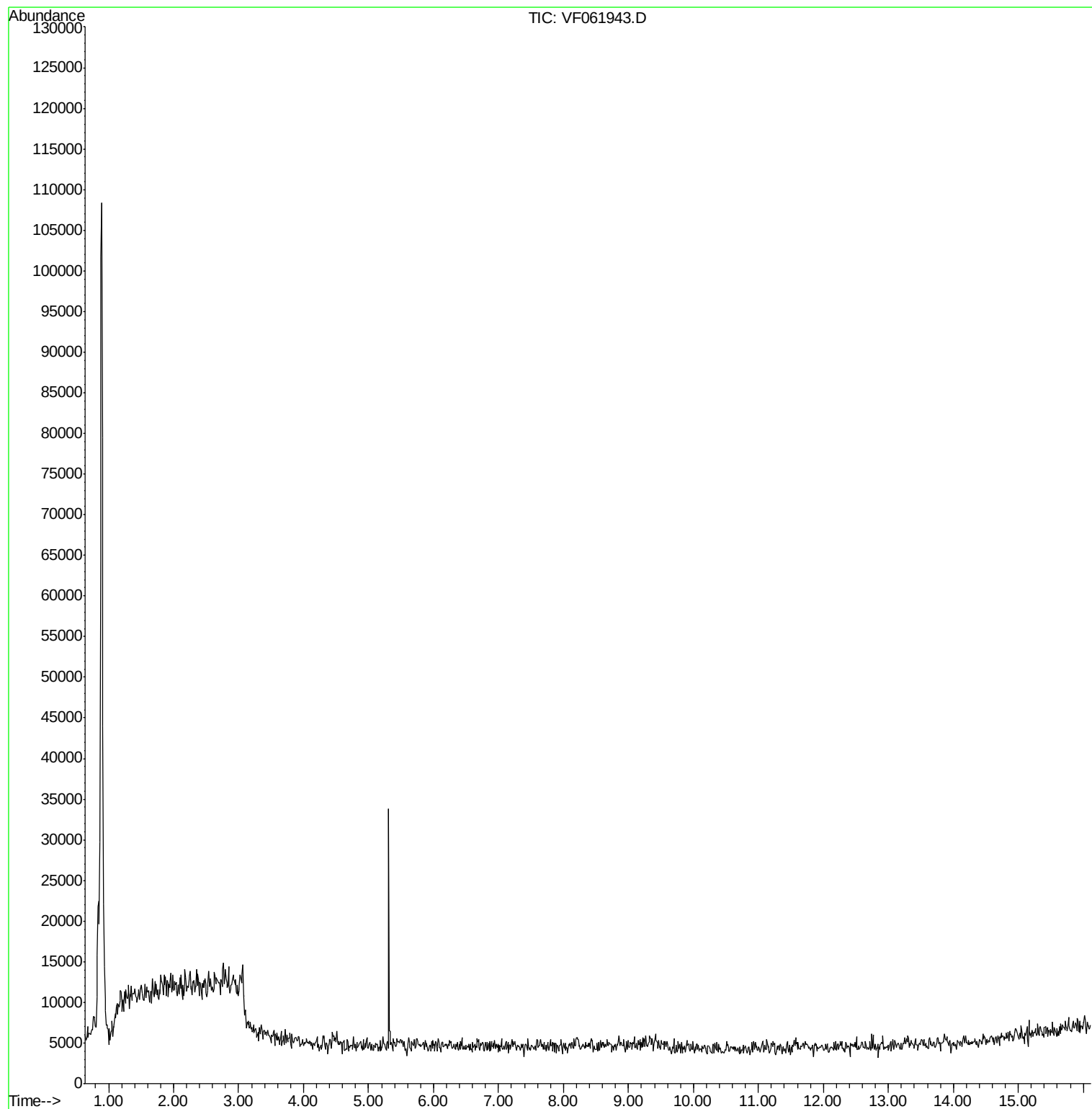
Target Compounds Qvalue

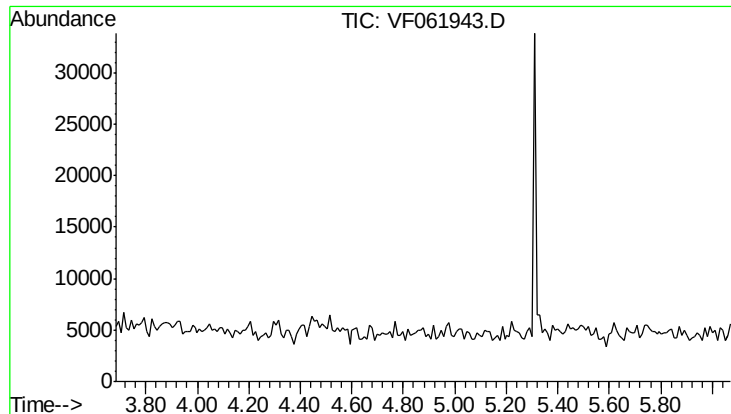
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 4.88 min

Lab File: VF061943.D

Acq: 14 Mar 2019 17:22

Tot Ion: 168

Sig Exp Ratio

168 100

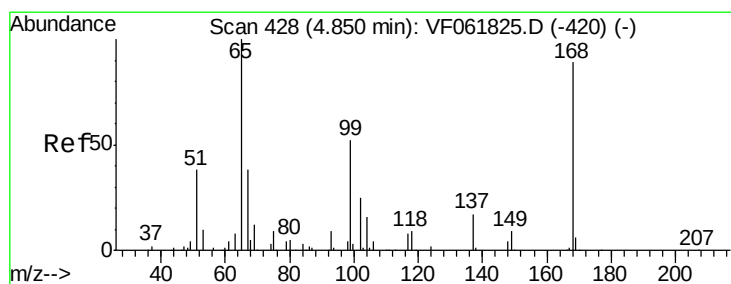
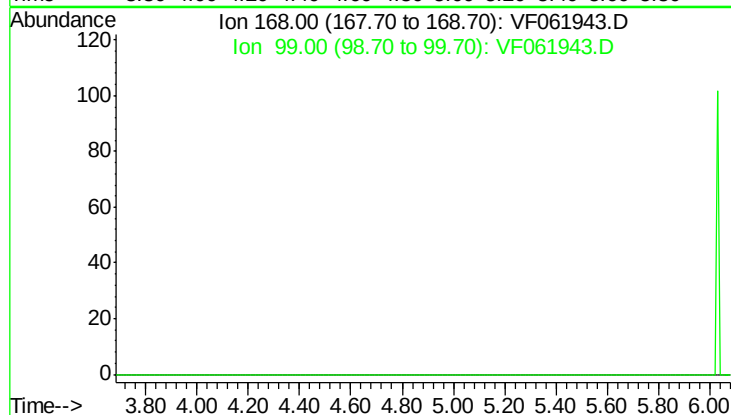
99 51.0

Instrument :

MSVOA\_F

ClientSampleId :

RT5124



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

RT: 4.90 min Scan# 433

Delta R.T. 0.05 min

Lab File: VF061943.D

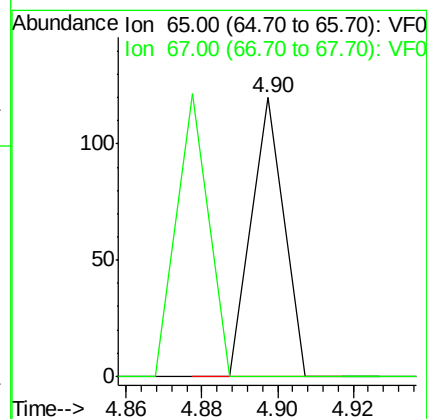
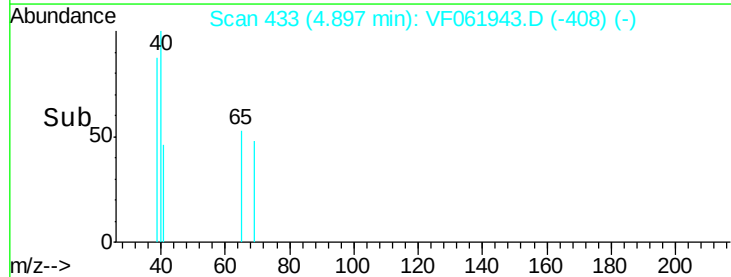
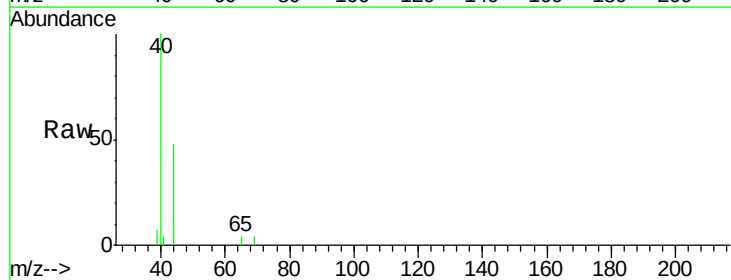
Acq: 14 Mar 2019 17:22

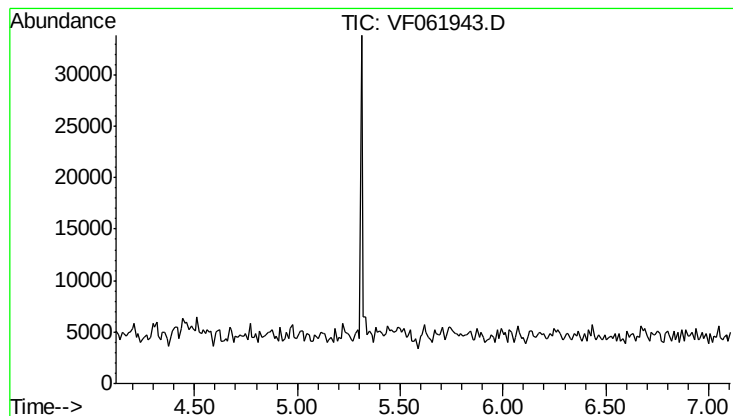
Tgt Ion: 65 Resp: 71

Ion Ratio Lower Upper

65 100

67 0.0 0.0 108.6





#34

1,4-Difluorobenzene

Concen: 0.000 ug/l

Expected RT: 5.61 min

Lab File: VF061943.D

Acq: 14 Mar 2019 17:22

Instrument :

MSVOA\_F

ClientSampleId :

RT5124

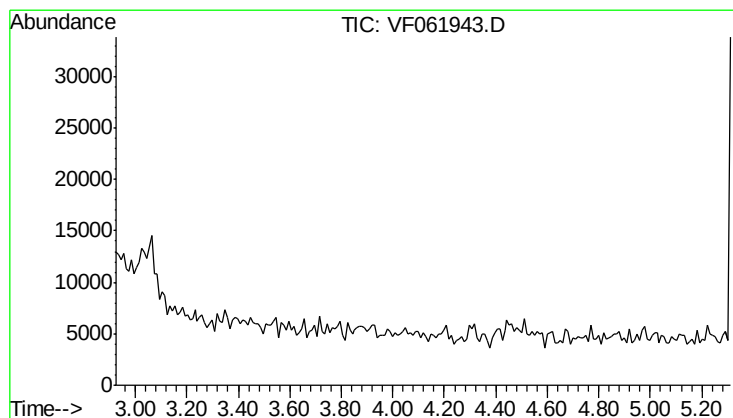
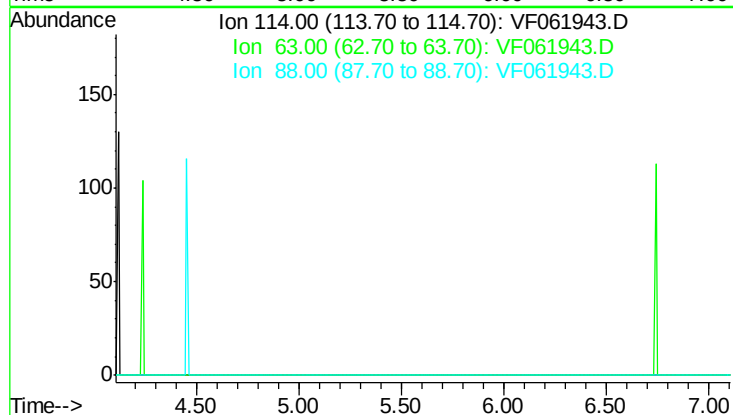
Tot Ion: 114

Sig Exp Ratio

114 100

63 17.8

88 17.8



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 4.12 min

Lab File: VF061943.D

Acq: 14 Mar 2019 17:22

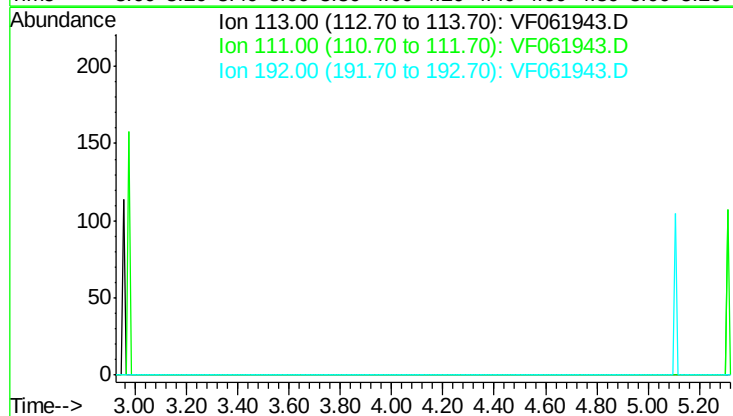
Tgt Ion: 113

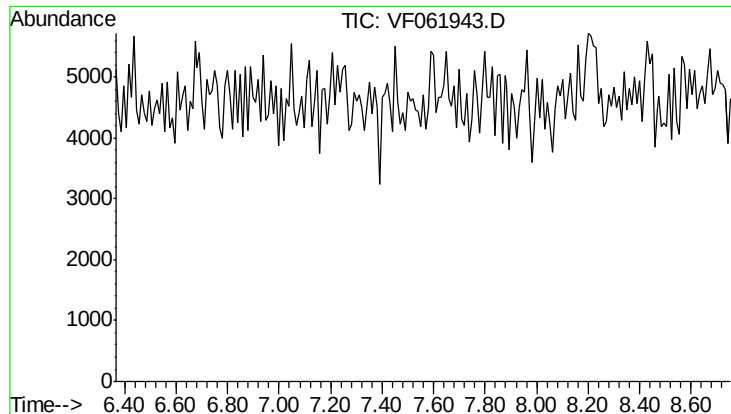
Sig Exp Ratio

113 100

111 97.0

192 19.9



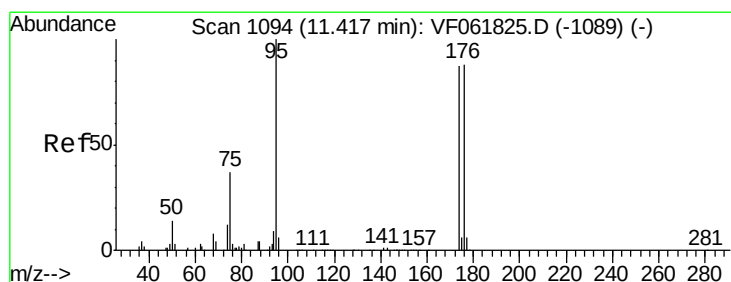
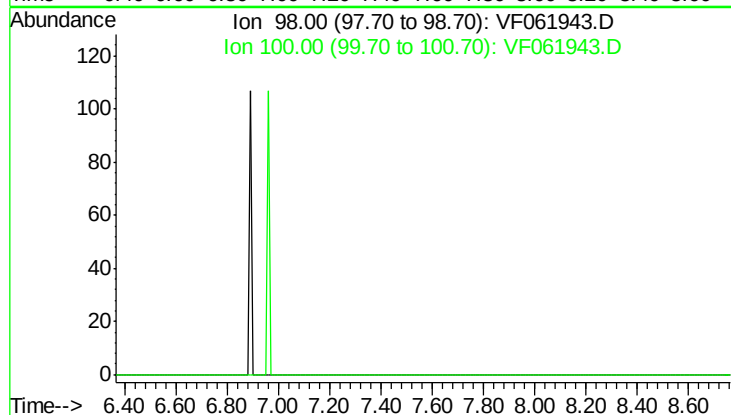


#50  
Toluene-d8  
Concen: 0.000 ug/l  
Expected RT: 7.56 min

Lab File: VF061943.D  
Acq: 14 Mar 2019 17:22

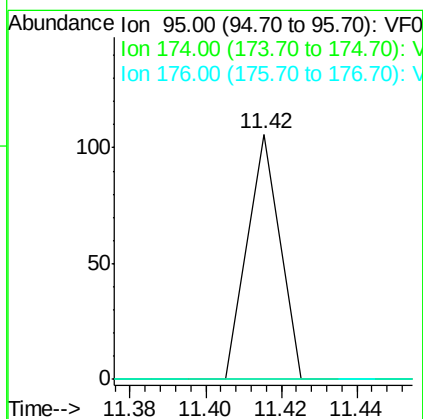
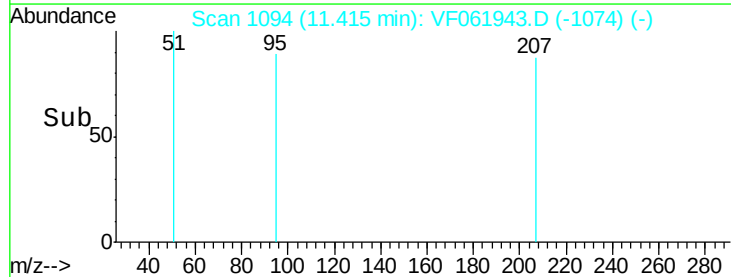
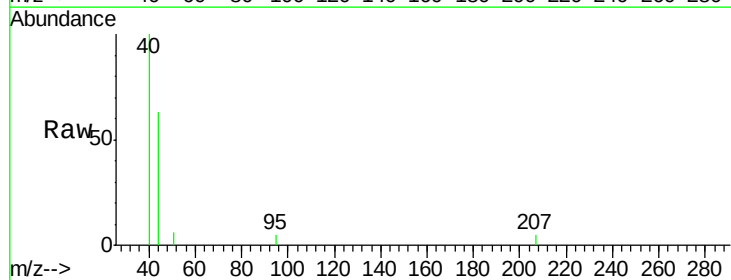
Instrument :  
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ClientSampleId :  
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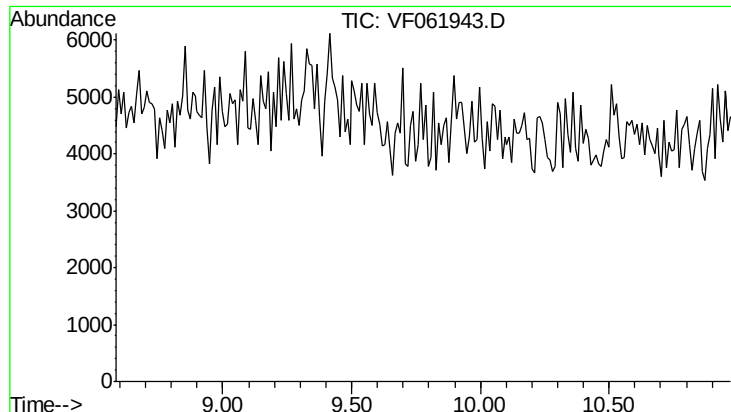
Tot Ion: 98  
Sig Exp Ratio  
98 100  
100 70.0



#62  
4-Bromofluorobenzene  
Concen: 0.000 ug/l  
RT: 11.42 min Scan# 1094  
Delta R.T. -0.00 min  
Lab File: VF061943.D  
Acq: 14 Mar 2019 17:22

Tgt Ion: 95 Resp: 63  
Ion Ratio Lower Upper  
95 100  
174 0.0 0.0 174.0  
176 0.0 0.0 175.2

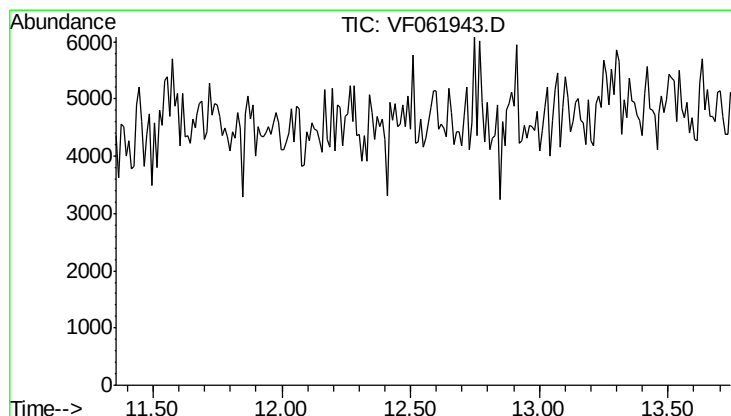
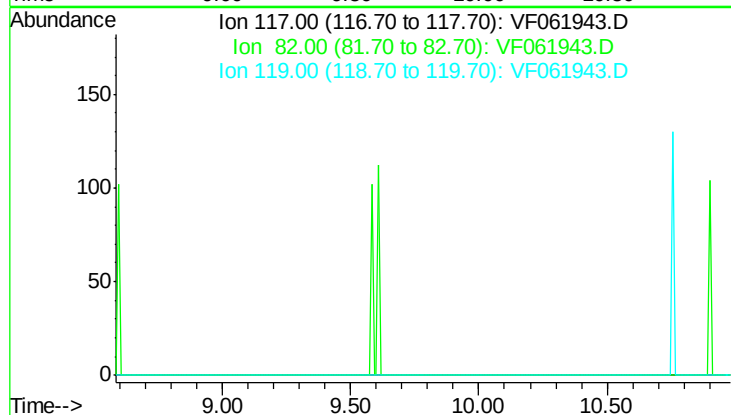




#63  
 Chlorobenzene-d5  
 Concen: 0.000 ug/l  
 Expected RT: 9.78 min  
 Lab File: VF061943.D  
 Acq: 14 Mar 2019 17:22

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 RT5124

| Tot Ion | 117       |
|---------|-----------|
| Sig     | Exp Ratio |
| 117     | 100       |
| 82      | 53.2      |
| 119     | 32.5      |



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 0.000 ug/l  
 Expected RT: 12.55 min  
 Lab File: VF061943.D  
 Acq: 14 Mar 2019 17:22

| Tgt Ion | 152       |
|---------|-----------|
| Sig     | Exp Ratio |
| 152     | 100       |
| 115     | 55.4      |
| 150     | 152.1     |

