

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011819\  
 Data File : VF061458.D  
 Acq On : 18 Jan 2019 14:37  
 Operator : VA/AP  
 Sample : K1173-07RE  
 Misc : 7.86g/5mL/MSVOA-F/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 RT-3425RE

Quant Time: Jan 19 03:58:36 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F011519S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 16 04:51:59 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  | -4.86    |
| 34) 1,4-Difluorobenzene    | 0.00 | 114  | 0        | 0.00 | ug/l  | -5.59    |
| 63) Chlorobenzene-d5       | 0.00 | 117  | 0        | 0.00 | ug/l  | -9.77    |
| 72) 1,4-Dichlorobenzene-d4 | 0.00 | 152  | 0        | 0.00 | ug/l  | -12.55   |

| 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% |          |

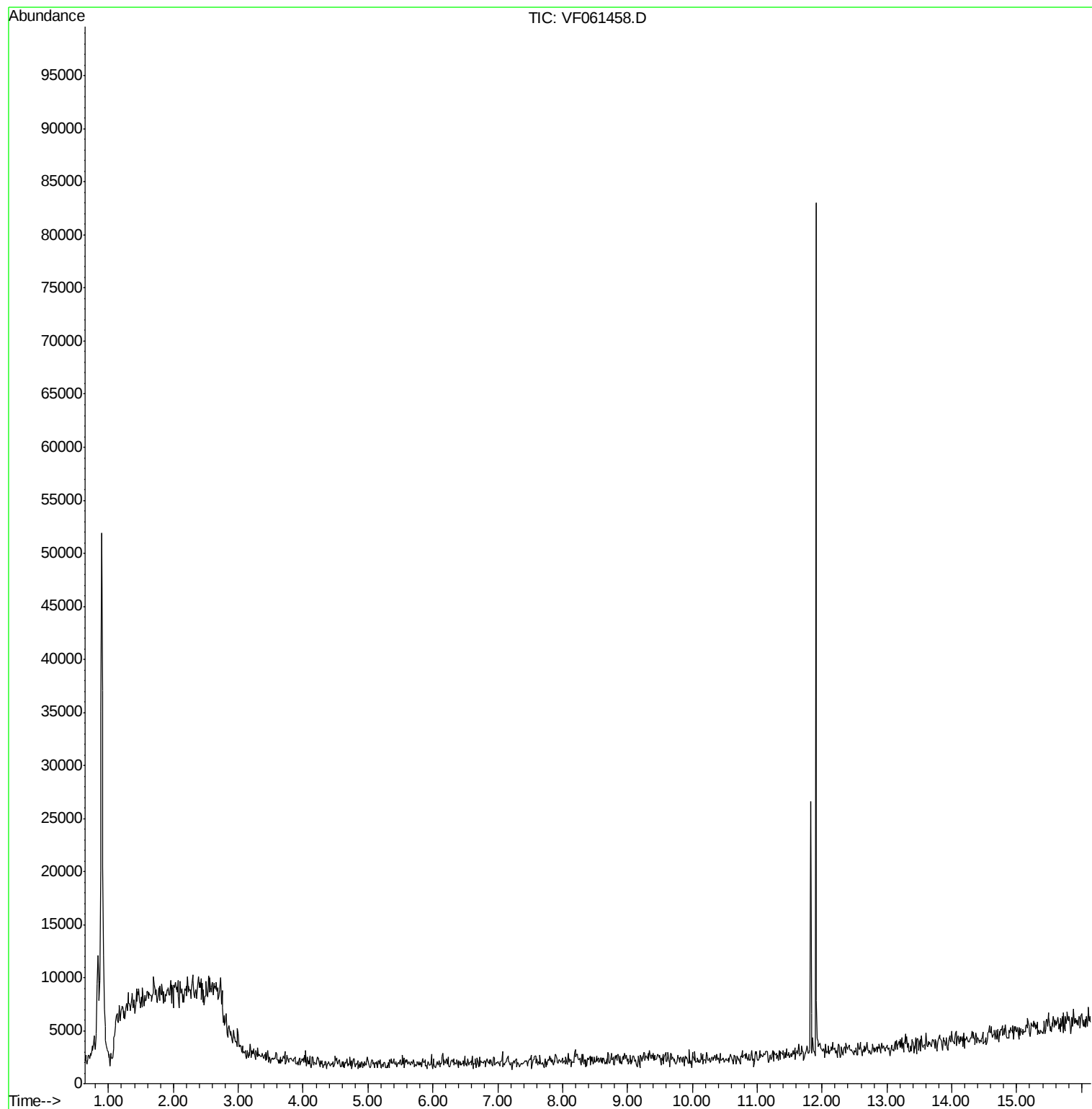
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

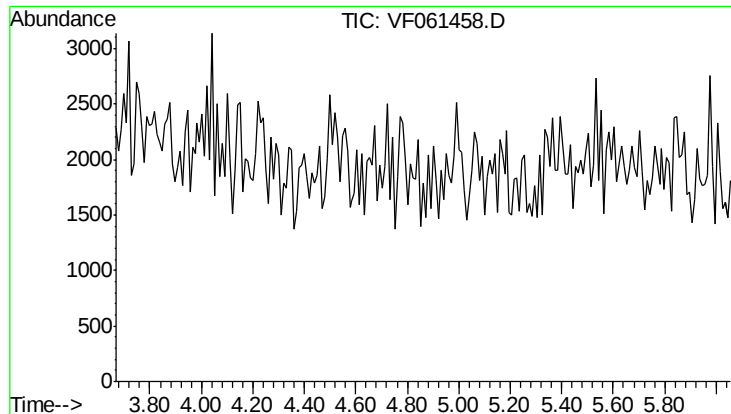
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 4.86 min

Lab File: VF061458.D

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Tot Ion: 168

Sig Exp Ratio

168 100

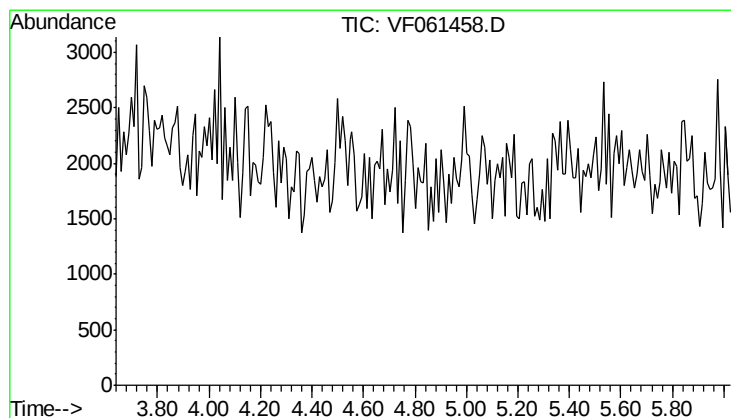
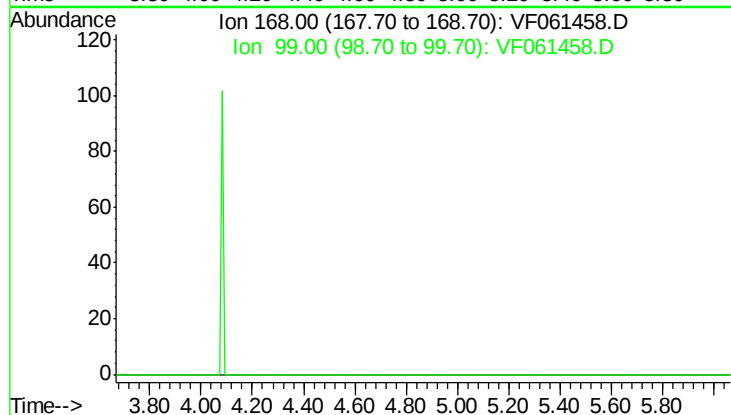
99 66.9

Instrument :

MSVOA\_F

ClientSampleId :

RT-3425RE



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 4.83 min

Lab File: VF061458.D

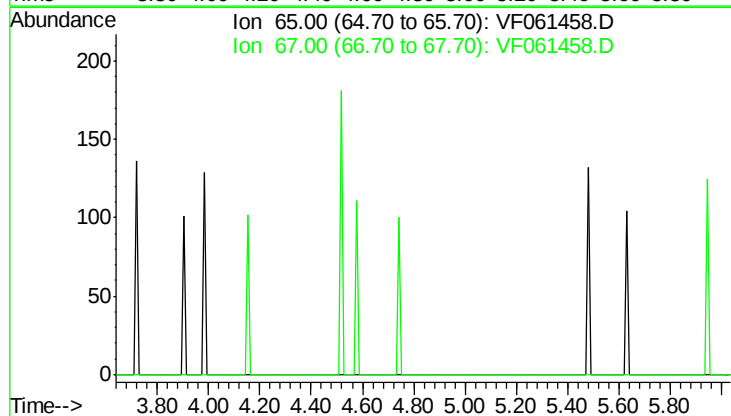
Acq: 18 Jan 2019 14:37

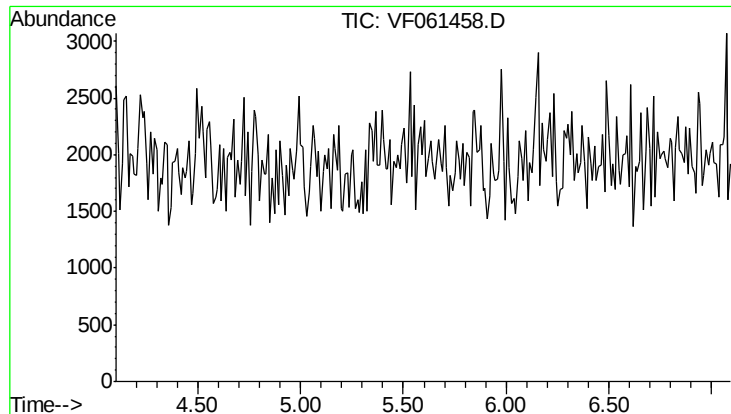
Tgt Ion: 65

Sig Exp Ratio

65 100

67 49.9

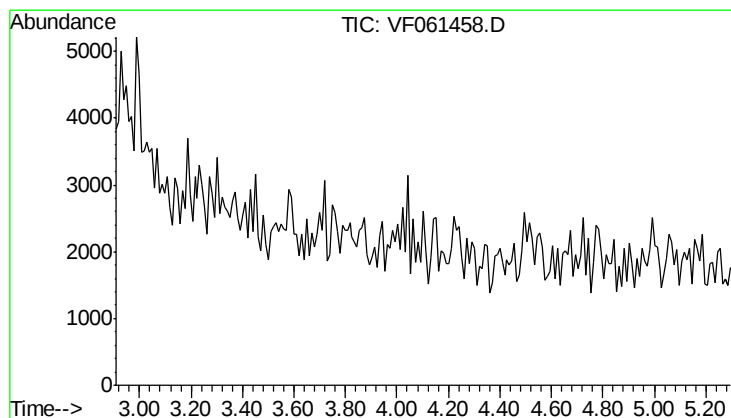
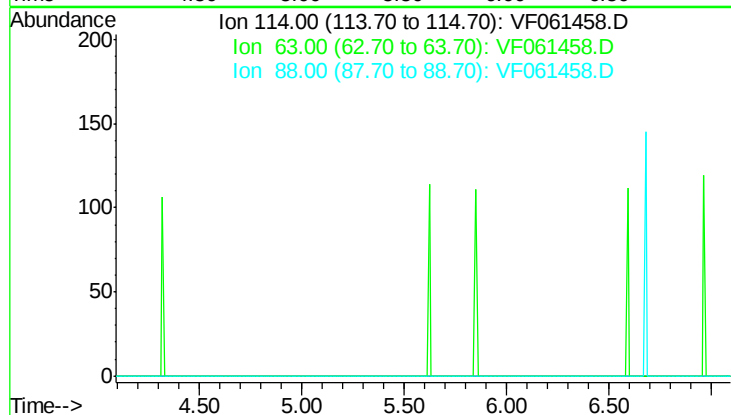




#34  
 1,4-Difluorobenzene  
 Concen: 0.000 ug/l  
 Expected RT: 5.59 min  
 Lab File: VF061458.D  
 Acq: 18 Jan 2019 14:37

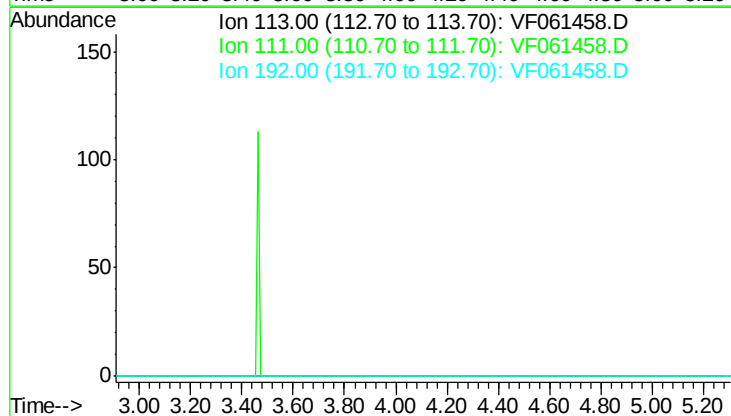
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 RT-3425RE

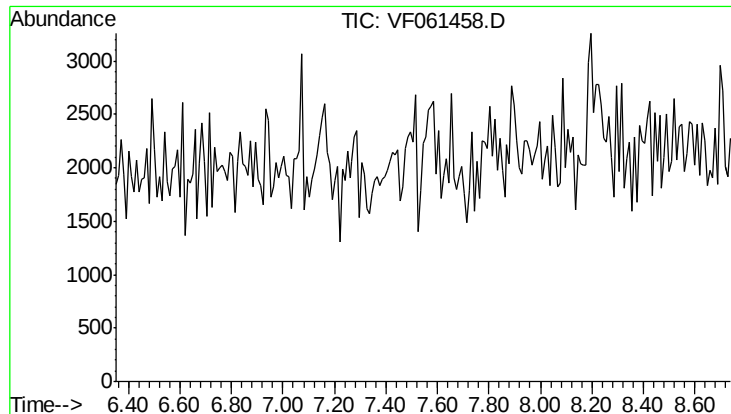
| Tot Ion | 114       |
|---------|-----------|
| Sig     | Exp Ratio |
| 114     | 100       |
| 63      | 19.5      |
| 88      | 18.7      |



#35  
 Dibromofluoromethane  
 Concen: 0.000 ug/l  
 Expected RT: 4.10 min  
 Lab File: VF061458.D  
 Acq: 18 Jan 2019 14:37

| Tgt Ion | 113       |
|---------|-----------|
| Sig     | Exp Ratio |
| 113     | 100       |
| 111     | 99.2      |
| 192     | 15.5      |

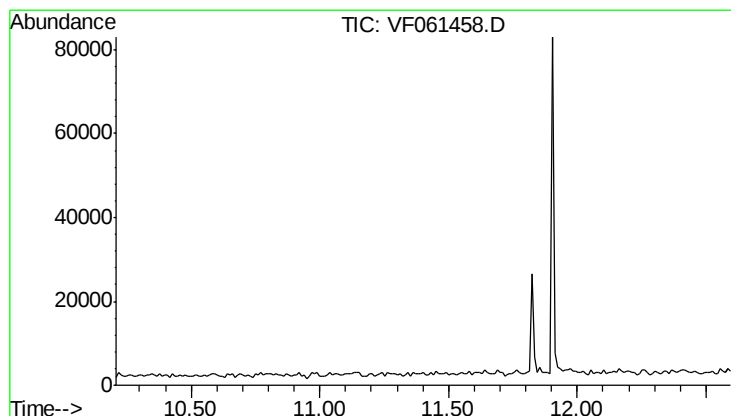
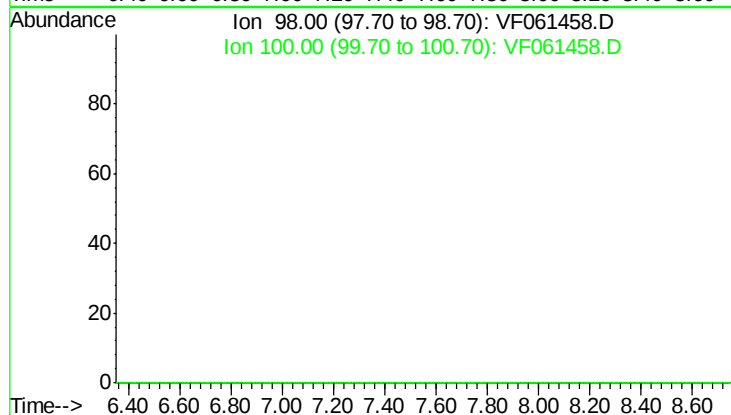




#50  
Toluene-d8  
Concen: 0.000 ug/l  
Expected RT: 7.55 min  
  
Lab File: VF061458.D  
Acq: 18 Jan 2019 14:37

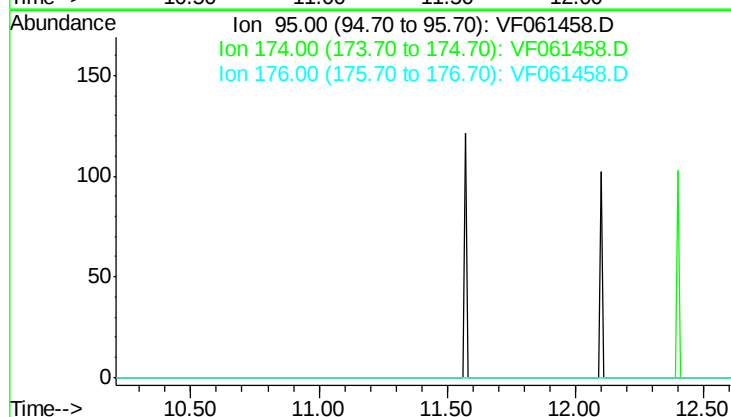
Instrument :  
MSVOA\_F  
ClientSampleId :  
RT-3425RE

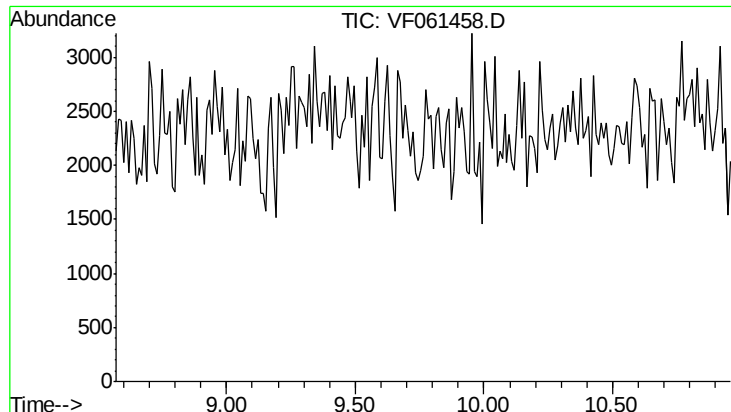
| Tot Ion | 98        |
|---------|-----------|
| Sig     | Exp Ratio |
| 98      | 100       |
| 100     | 69.5      |



#62  
4-Bromofluorobenzene  
Concen: 0.000 ug/l  
Expected RT: 11.40 min  
  
Lab File: VF061458.D  
Acq: 18 Jan 2019 14:37

| Tgt Ion | 95        |
|---------|-----------|
| Sig     | Exp Ratio |
| 95      | 100       |
| 174     | 65.2      |
| 176     | 63.1      |

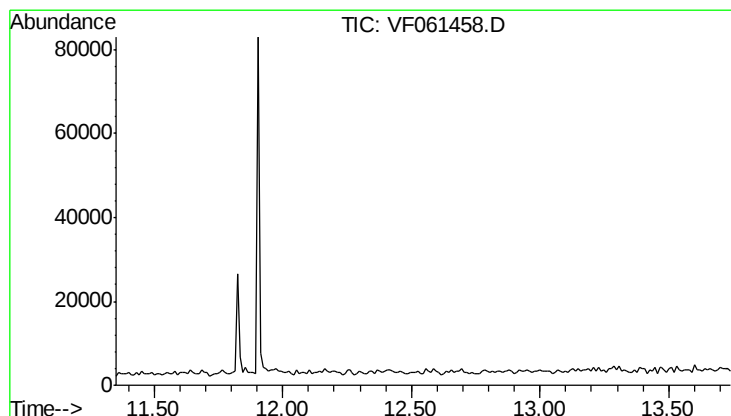
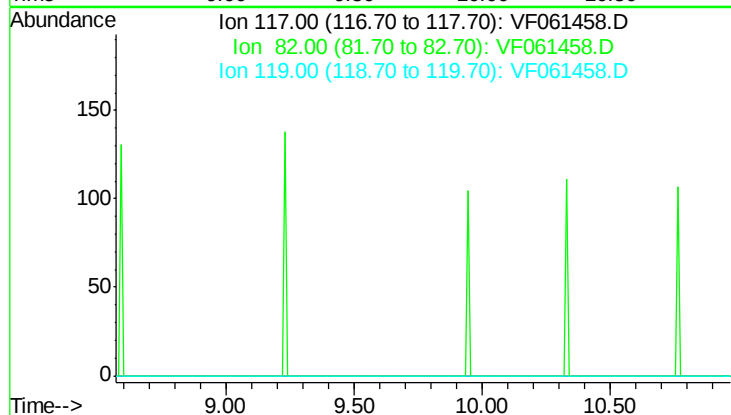




#63  
 Chlorobenzene-d5  
 Concen: 0.000 ug/l  
 Expected RT: 9.77 min  
 Lab File: VF061458.D  
 Acq: 18 Jan 2019 14:37

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 RT-3425RE

| Tot Ion | 117       |
|---------|-----------|
| Sig     | Exp Ratio |
| 117     | 100       |
| 82      | 58.0      |
| 119     | 34.0      |



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 0.000 ug/l  
 Expected RT: 12.55 min  
 Lab File: VF061458.D  
 Acq: 18 Jan 2019 14:37

| Tgt Ion | 152       |
|---------|-----------|
| Sig     | Exp Ratio |
| 152     | 100       |
| 115     | 60.0      |
| 150     | 160.7     |

