

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060818\  
 Data File : VD058029.D  
 Acq On : 8 Jun 2018 20:31  
 Operator : VA/AP  
 Sample : J3360-02  
 Misc : 6.25g/5ml/MSVOA D/SOIL  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 RB48382RT-VOA

Quant Time: Jun 08 23:57:45 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D060618S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 07 08:57:33 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  | -5.65    |
| 34) 1,4-Difluorobenzene    | 0.00 | 114  | 0        | 0.00 | ug/l  | -6.70    |
| 63) Chlorobenzene-d5       | 0.00 | 117  | 0        | 0.00 | ug/l  | -10.69   |
| 72) 1,4-Dichlorobenzene-d4 | 0.00 | 152  | 0        | 0.00 | ug/l  | -12.91   |

| 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% |          |

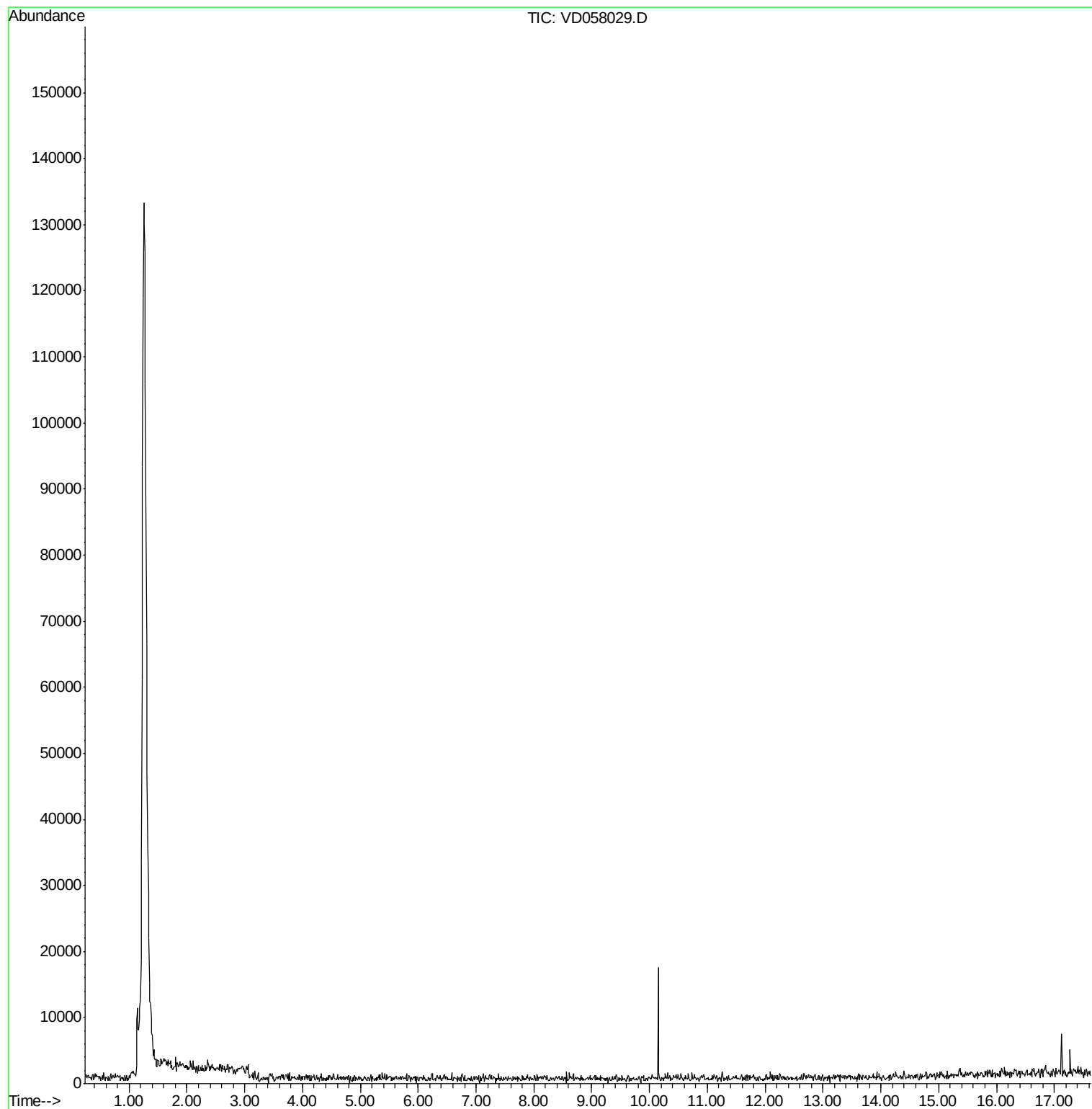
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

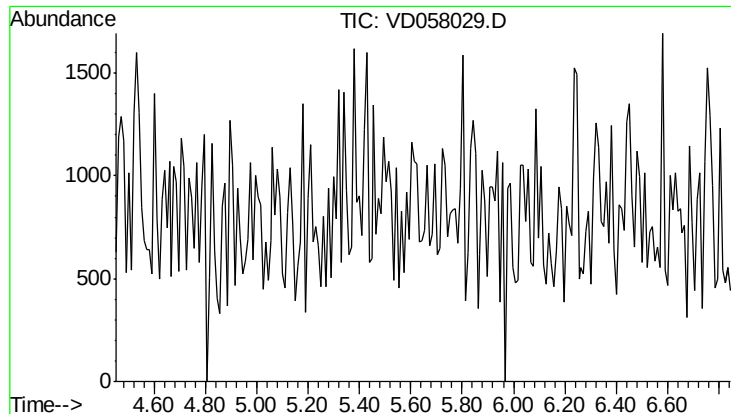
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 07 08:57:33 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 0.00 ug/l

Expected RT: 5.65 min

Lab File: VD058029.D

Acq: 8 Jun 2018 20:31

Instrument :

MSVOA\_D

ClientSampleId :

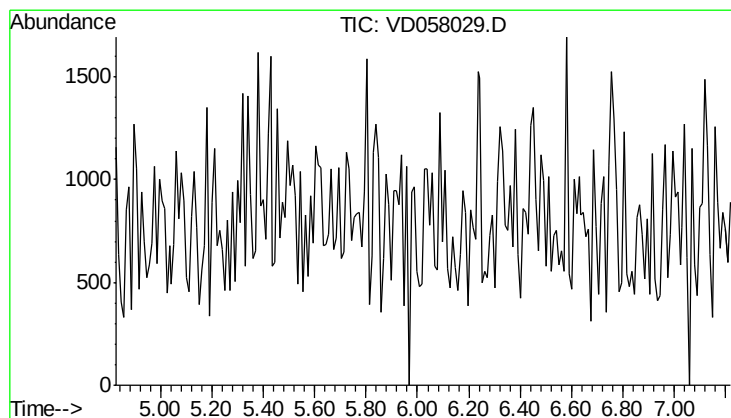
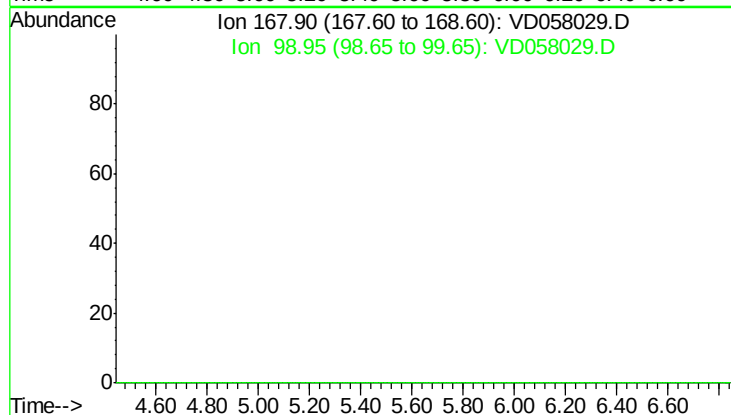
RB48382RT-VOA

Tot Ion: 168

Sig Exp Ratio

168 100

99 58.5



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

Expected RT: 6.02 min

Lab File: VD058029.D

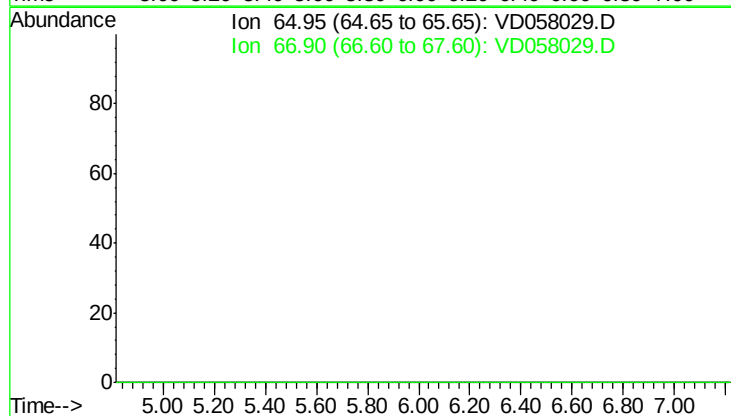
Acq: 8 Jun 2018 20:31

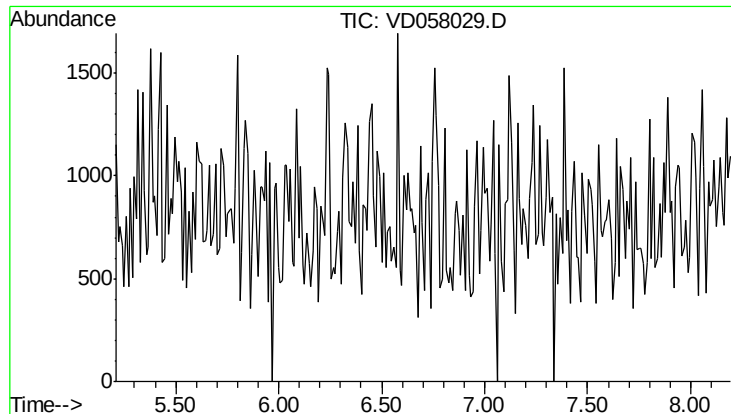
Tgt Ion: 65

Sig Exp Ratio

65 100

67 47.0

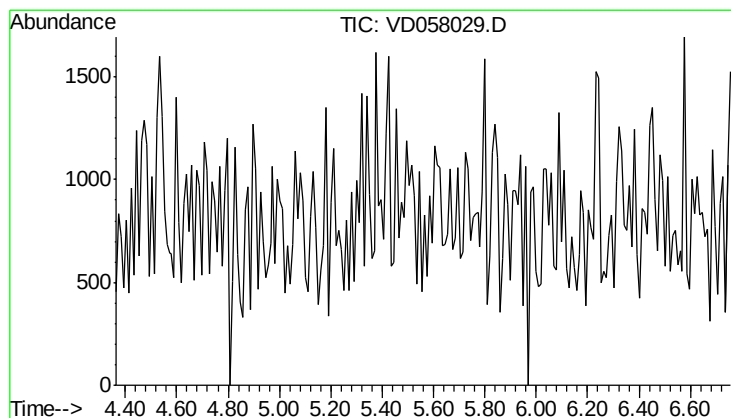
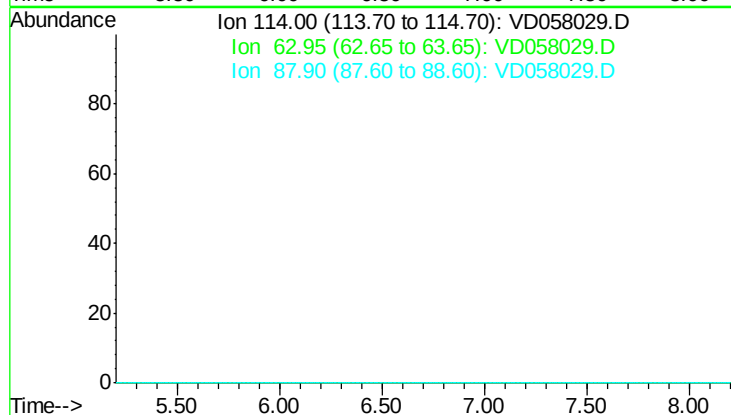




#34  
 1,4-Difluorobenzene  
 Concen: 0.00 ug/l  
 Expected RT: 6.70 min  
 Lab File: VD058029.D  
 Acq: 8 Jun 2018 20:31

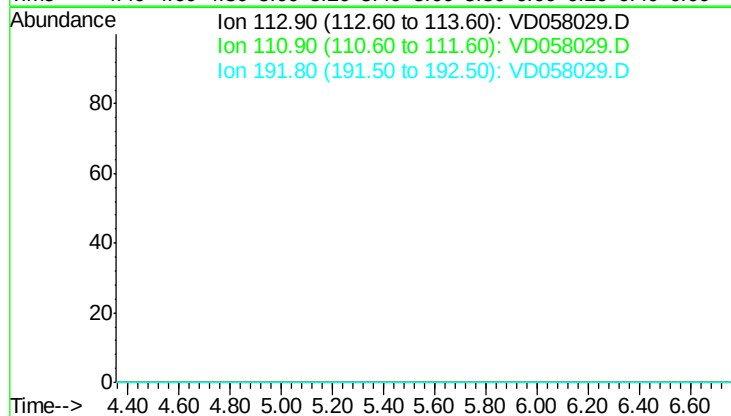
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 RB48382RT-VOA

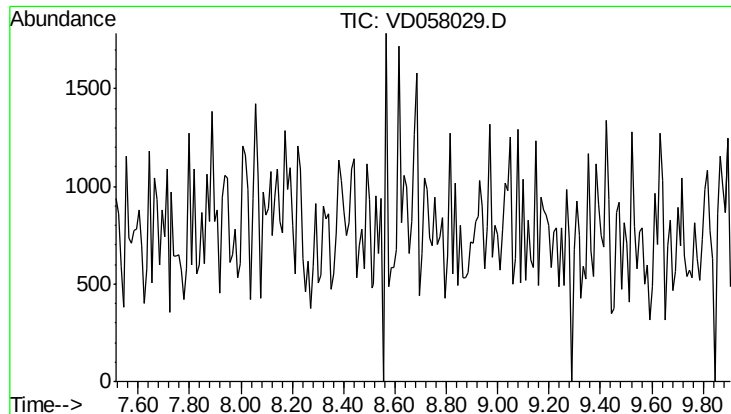
Tot Ion: 114  
 Sig Exp Ratio  
 114 100  
 63 21.4  
 88 18.9



#35  
 Dibromofluoromethane  
 Concen: 0.00 ug/l  
 Expected RT: 5.56 min  
 Lab File: VD058029.D  
 Acq: 8 Jun 2018 20:31

Tgt Ion: 113  
 Sig Exp Ratio  
 113 100  
 111 101.9  
 192 20.5

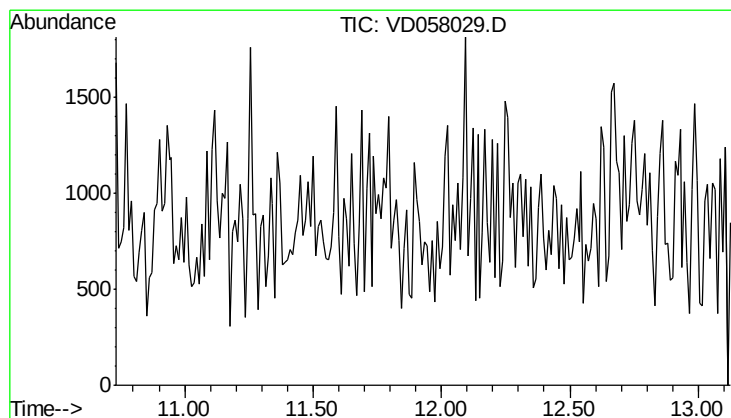
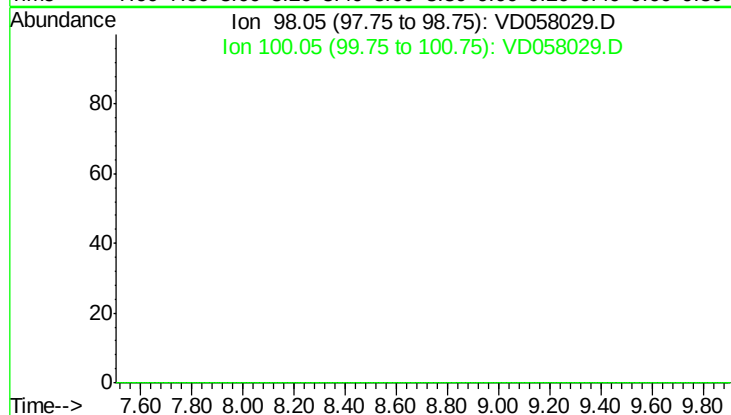




#50  
Toluene-d8  
Concen: N.D. ug/l  
Expected RT: 8.71 min  
  
Lab File: VD058029.D  
Acq: 8 Jun 2018 20:31

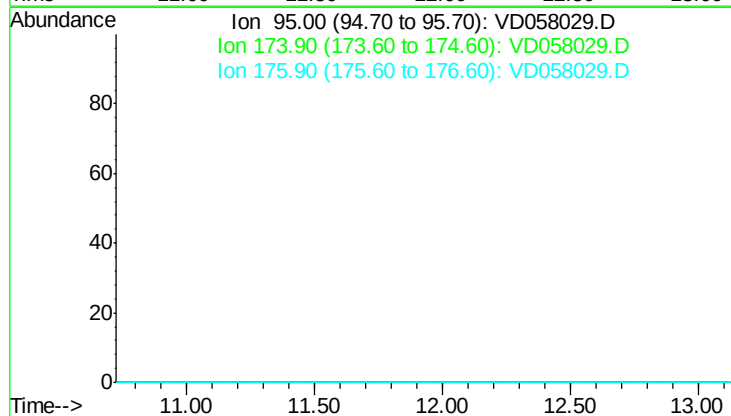
Instrument :  
MSVOA\_D  
ClientSampleId :  
RB48382RT-VOA

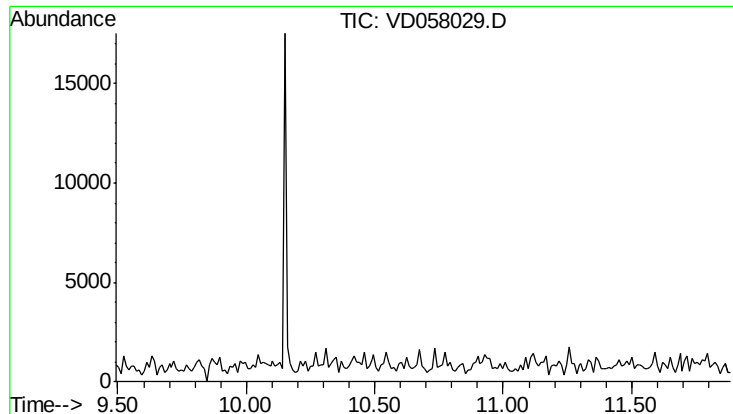
| Tot Ion: | 98        |
|----------|-----------|
| Sig      | Exp Ratio |
| 98       | 100       |
| 100      | 66.7      |



#62  
4-Bromofluorobenzene  
Concen: N.D. ug/l  
Expected RT: 11.93 min  
  
Lab File: VD058029.D  
Acq: 8 Jun 2018 20:31

| Tgt Ion: | 95        |
|----------|-----------|
| Sig      | Exp Ratio |
| 95       | 100       |
| 174      | 84.7      |
| 176      | 81.3      |

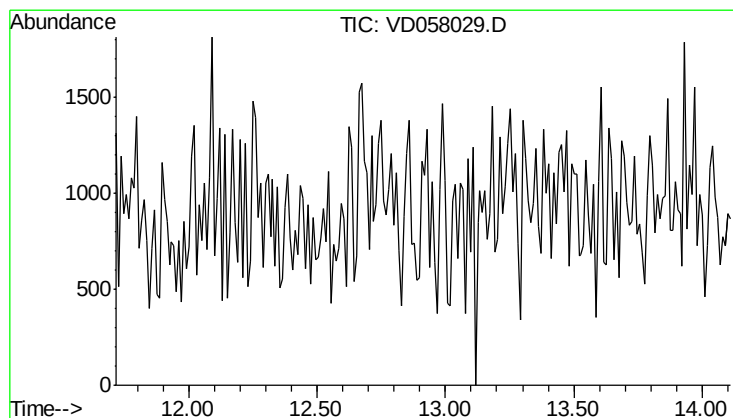
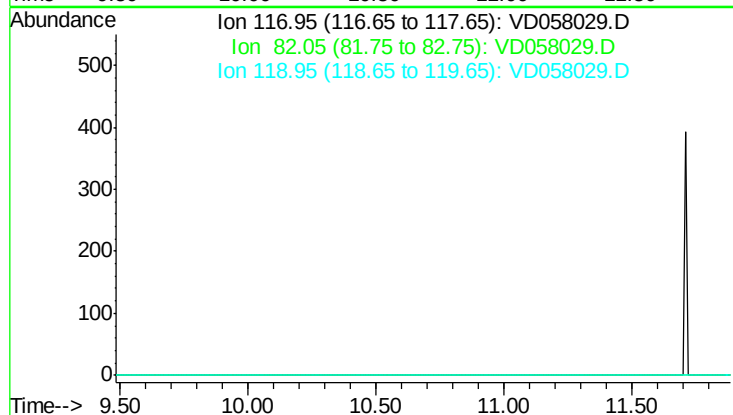




#63  
 Chlorobenzene-d5  
 Concen: 0.00 ug/l  
 Expected RT: 10.69 min  
 Lab File: VD058029.D  
 Acq: 8 Jun 2018 20:31

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 RB48382RT-VOA

| Tot Ion | 117       |
|---------|-----------|
| Sig     | Exp Ratio |
| 117     | 100       |
| 82      | 58.5      |
| 119     | 32.2      |



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 0.00 ug/l  
 Expected RT: 12.91 min  
 Lab File: VD058029.D  
 Acq: 8 Jun 2018 20:31

| Tgt Ion | 152       |
|---------|-----------|
| Sig     | Exp Ratio |
| 152     | 100       |
| 115     | 51.1      |
| 150     | 153.4     |

