

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\  
 Data File : VX001892.D  
 Acq On : 22 May 2018 14:35  
 Operator : JC/MD  
 Sample : VX0522WBL01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0522WBL01

Quant Time: May 23 01:40:26 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X051518W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 15 01:36:22 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 237575   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 320574   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 279944   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 153809   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4   | 6.07   | 65  | 165325   | 51.92 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 103.84% |      |
| 35) Dibromofluoromethane    | 5.51   | 113 | 131179   | 48.49 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 96.98%  |      |
| 50) Toluene-d8              | 8.72   | 98  | 465795   | 48.07 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 96.14%  |      |
| 62) 4-Bromofluorobenzene    | 11.14  | 95  | 148194   | 42.48 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 84.96%  |      |

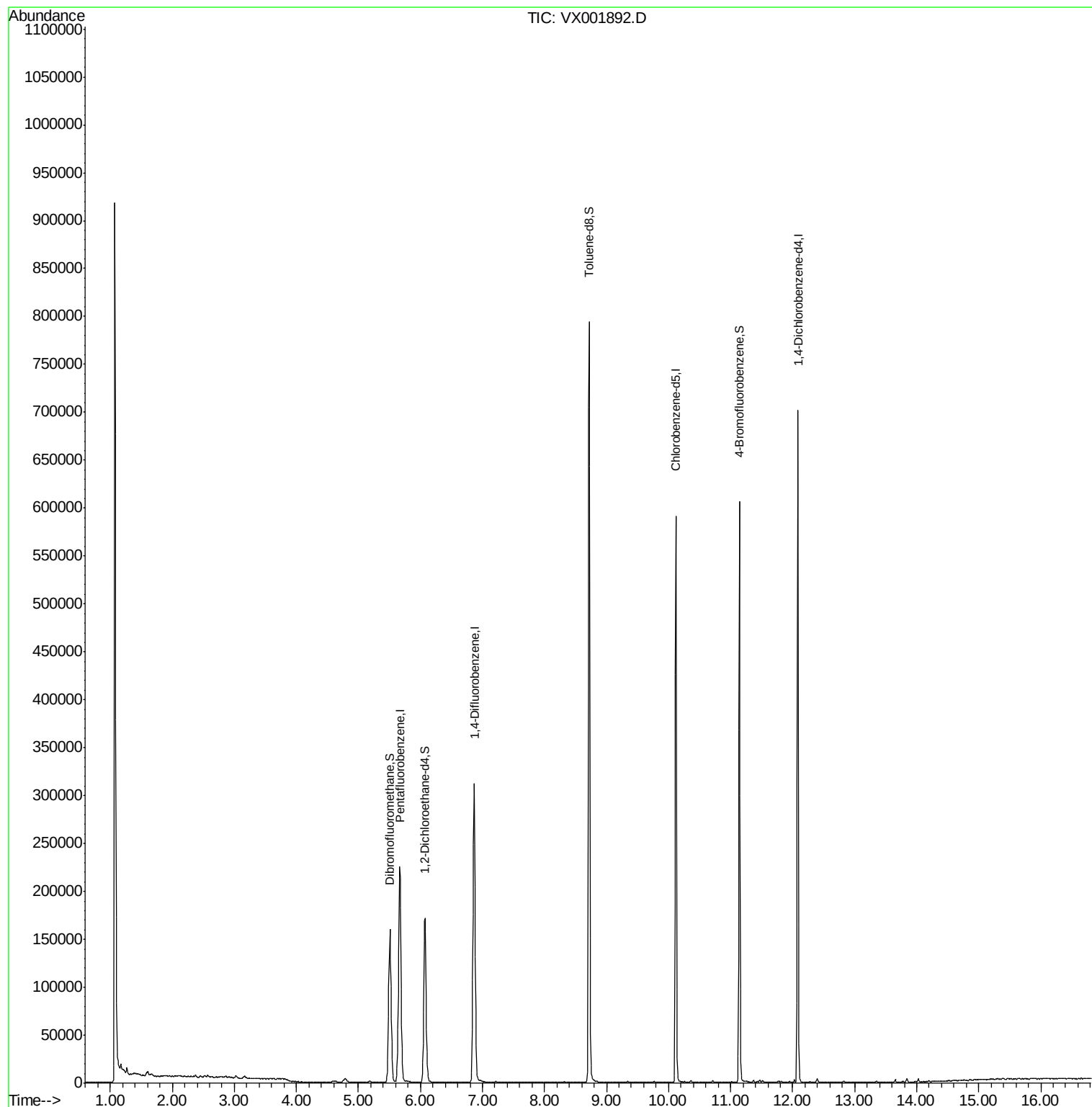
| Target Compounds | Qvalue |
|------------------|--------|
|------------------|--------|

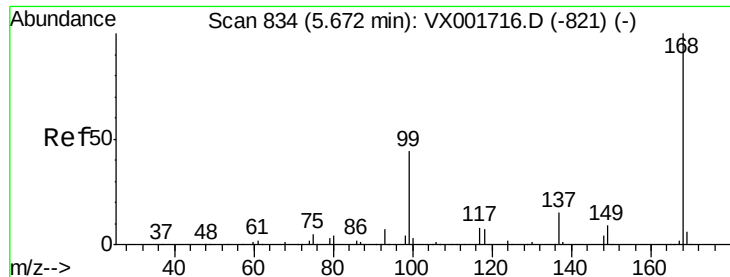
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :  
VX0522WBL01

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Quant Title : SW846 8260  
QLast Update : Tue May 15 01:36:22 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001892.D

Acq: 22 May 2018 14:35

Instrument :

MSVOA\_X

ClientSampleId :

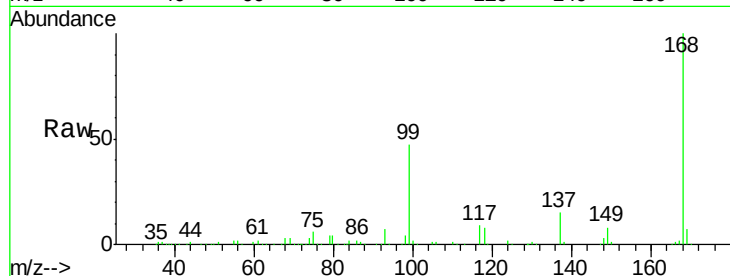
VX0522WBL01

Tot Ion:168 Resp: 237575

Ion Ratio Lower Upper

168 100

99 46.5 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

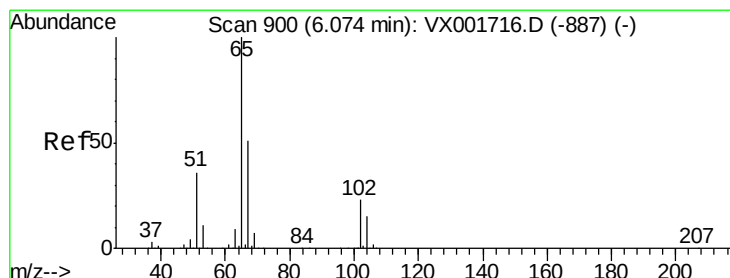
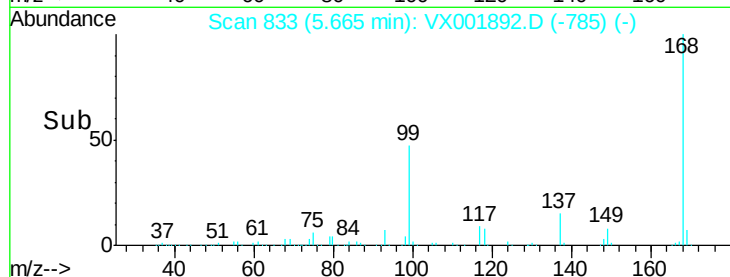
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#33

1,2-Dichloroethane-d4

Concen: 51.92 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001892.D

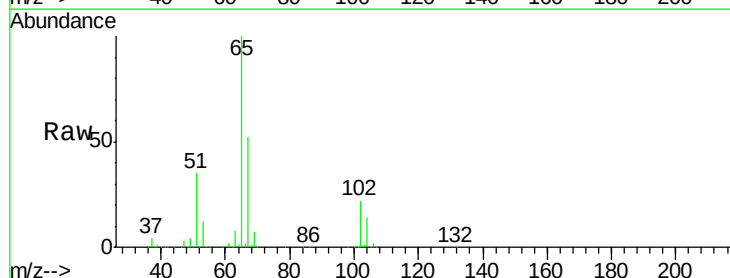
Acq: 22 May 2018 14:35

Tgt Ion: 65 Resp: 165325

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

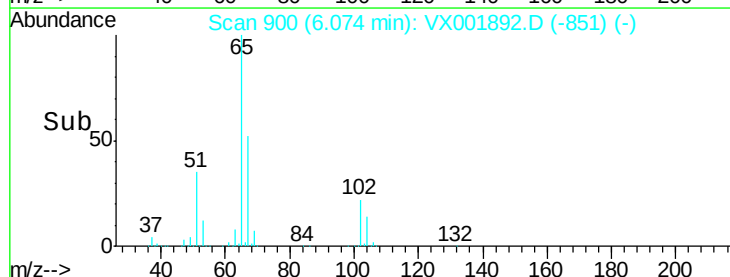
40000

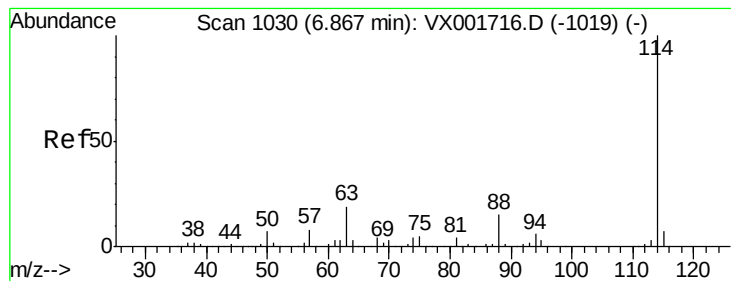
20000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001892.D

Acq: 22 May 2018 14:35

Instrument :

MSVOA\_X

ClientSampleId :

VX0522WBL01

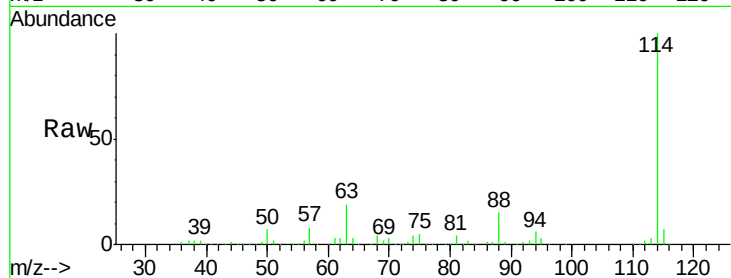
Tot Ion:114 Resp: 320574

Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.0

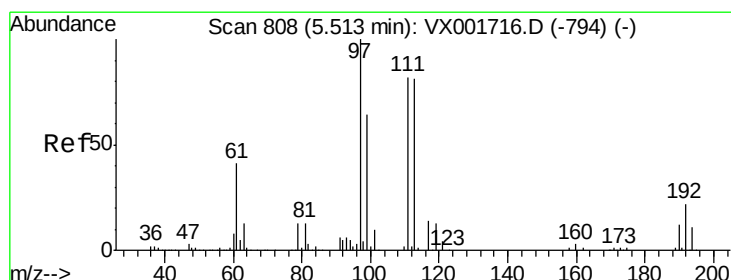
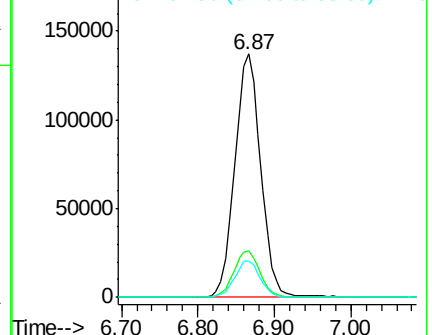
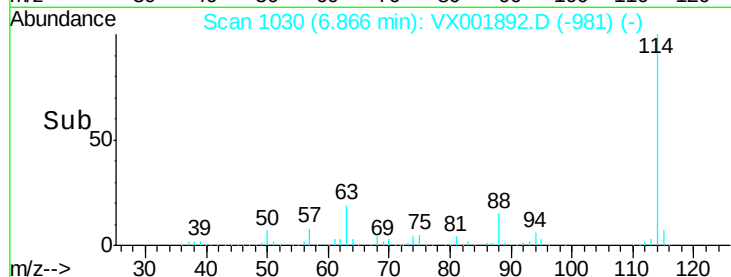
88 15.1 0.0 29.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.49 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001892.D

Acq: 22 May 2018 14:35

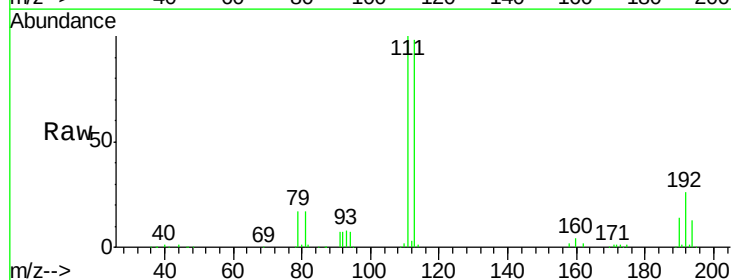
Tgt Ion:113 Resp: 131179

Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

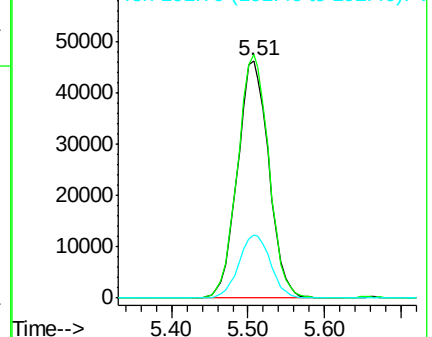
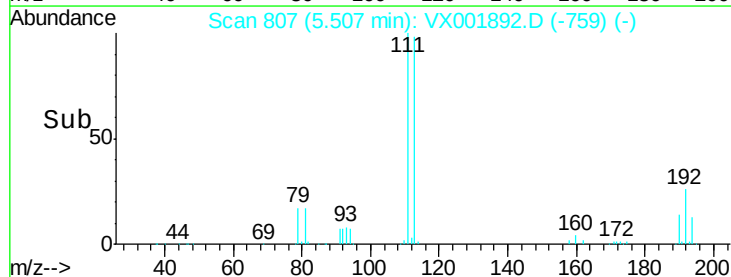
192 26.9 21.6 32.4

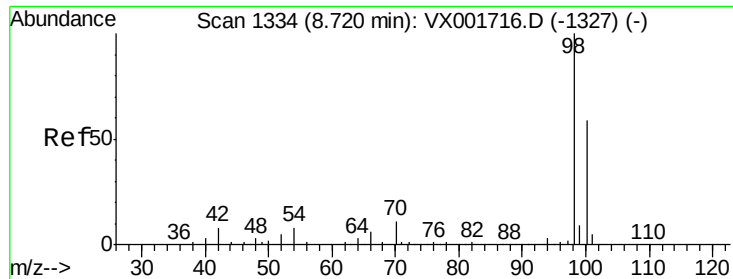


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

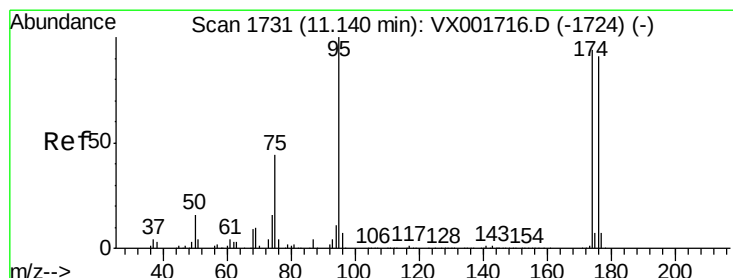
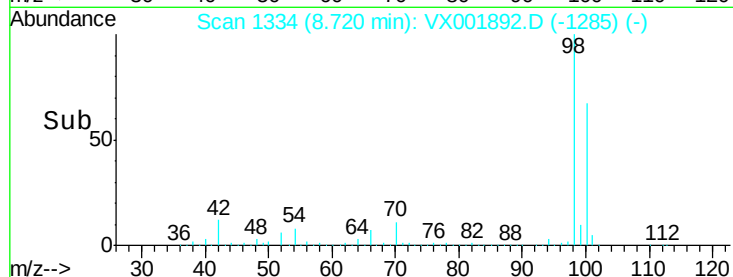
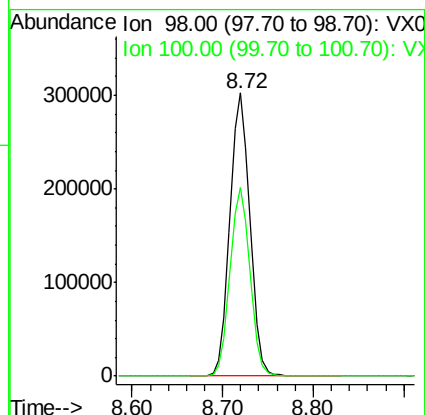
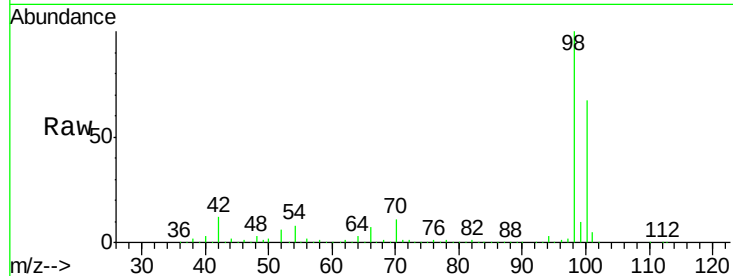




#50  
Toluene-d8  
Concen: 48.07 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. -0.00 min  
Lab File: VX001892.D  
Acq: 22 May 2018 14:35

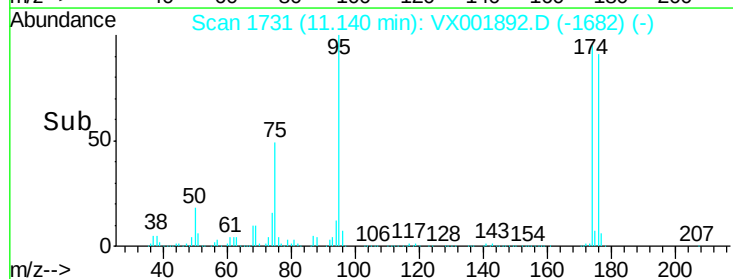
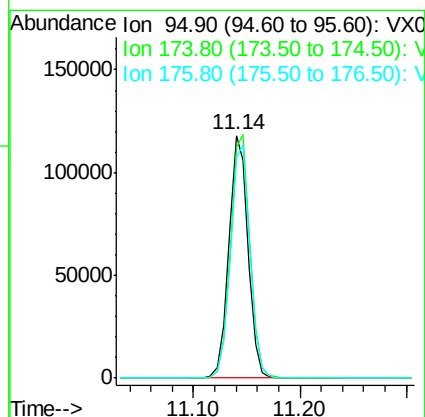
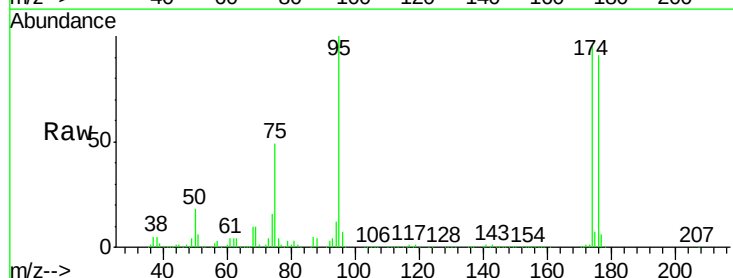
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0522WBL01

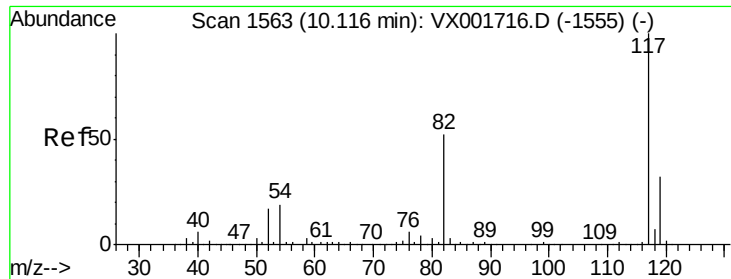
Tot Ion: 98 Resp: 465795  
Ion Ratio Lower Upper  
98 100  
100 66.2 54.0 81.0



#62  
4-Bromofluorobenzene  
Concen: 42.48 ug/l  
RT: 11.14 min Scan# 1731  
Delta R.T. -0.00 min  
Lab File: VX001892.D  
Acq: 22 May 2018 14:35

Tgt Ion: 95 Resp: 148194  
Ion Ratio Lower Upper  
95 100  
174 102.5 0.0 201.8  
176 98.1 0.0 196.8

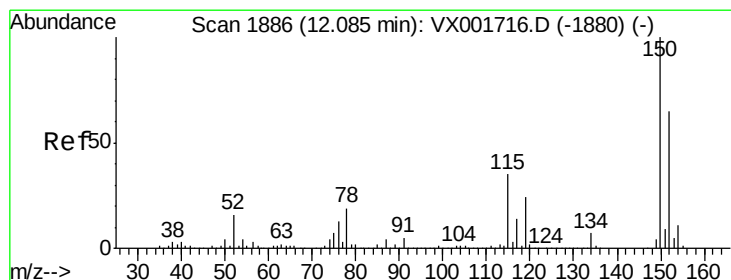
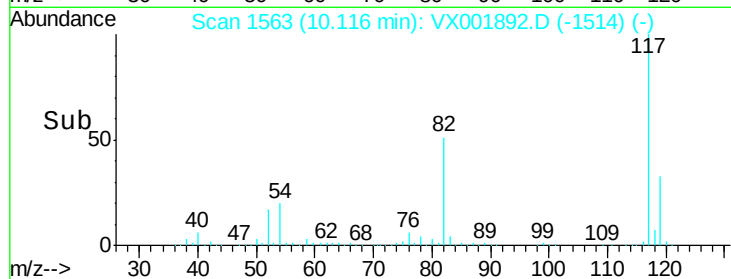
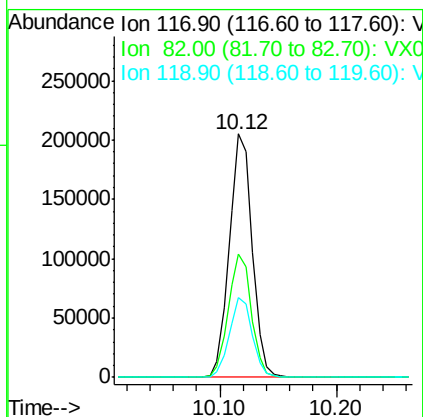
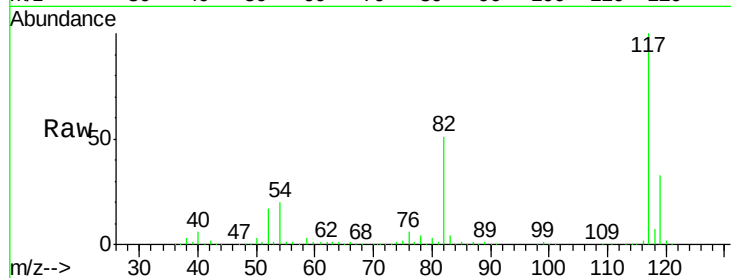




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. -0.00 min  
Lab File: VX001892.D  
Acq: 22 May 2018 14:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0522WBL01

Tot Ion:117 Resp: 279944  
Ion Ratio Lower Upper  
117 100  
82 50.6 41.4 62.2  
119 32.5 25.6 38.4



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.09 min Scan# 1886  
Delta R.T. -0.00 min  
Lab File: VX001892.D  
Acq: 22 May 2018 14:35

Tgt Ion:152 Resp: 153809  
Ion Ratio Lower Upper  
152 100  
115 52.1 37.4 112.2  
150 155.9 0.0 344.8

