

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091918\  
 Data File : VX004700.D  
 Acq On : 19 Sep 2018 12:46  
 Operator : JC/MD  
 Sample : J4945-01ME  
 Misc : 0.62g/5mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RB47195RTME

Quant Time: Sep 19 17:18:59 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X091118W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 12 02:17:23 2018  
 Response via : Initial Calibration

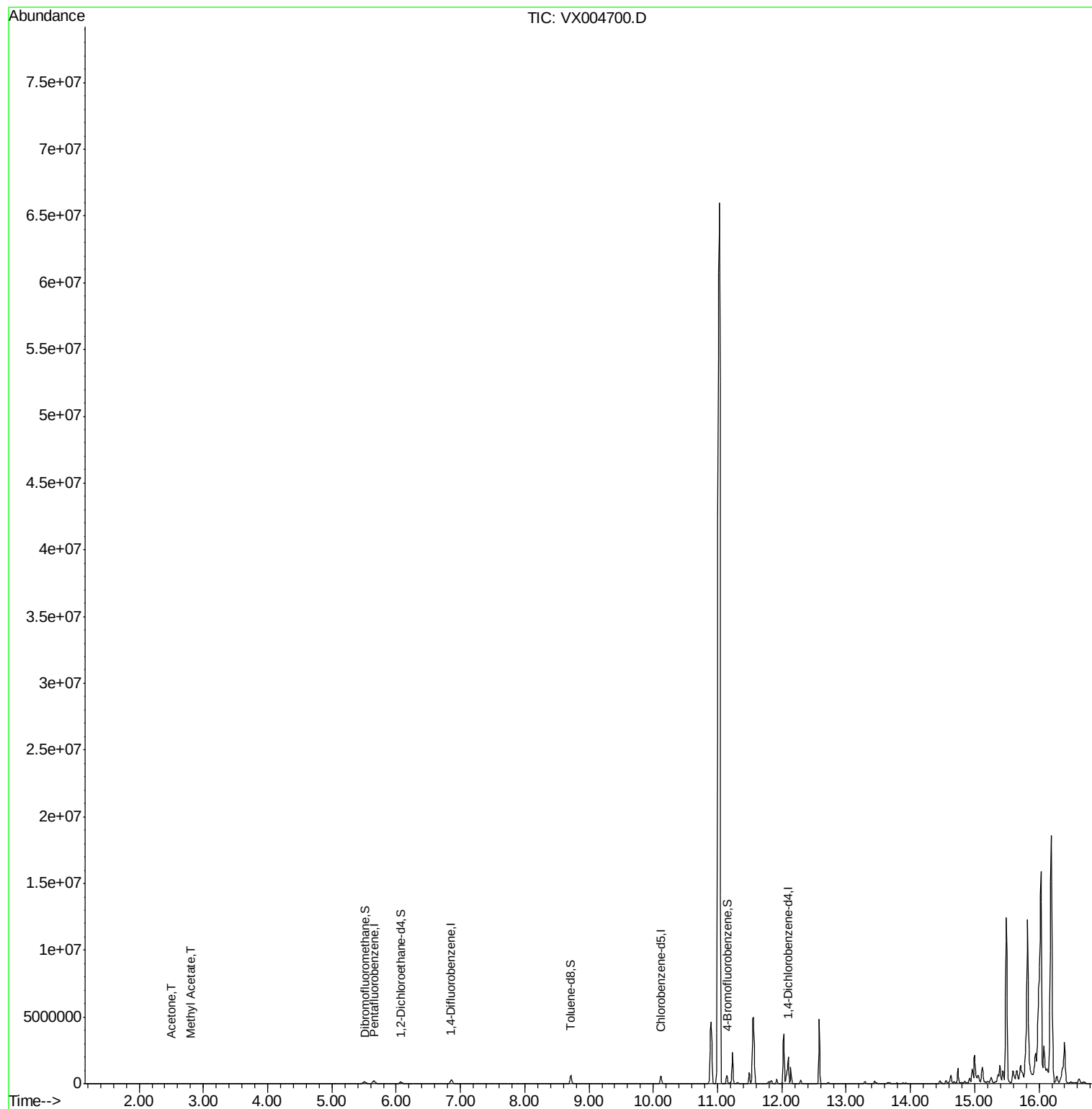
| Internal Standards          | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| 1) Pentafluorobenzene       | 5.65   | 168  | 214074   | 50.00 | ug/l   | -0.01    |
| 34) 1,4-Difluorobenzene     | 6.85   | 114  | 323480   | 50.00 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.12  | 117  | 295899   | 50.00 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.08  | 152  | 173079   | 50.00 | ug/l   | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 33) 1,2-Dichloroethane-d4   | 6.07   | 65   | 126957   | 45.99 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 91.98% |          |
| 35) Dibromofluoromethane    | 5.51   | 113  | 121171   | 40.93 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 81.86% |          |
| 50) Toluene-d8              | 8.71   | 98   | 431450   | 43.46 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 86.92% |          |
| 62) 4-Bromofluorobenzene    | 11.14  | 95   | 157177   | 44.36 | ug/l   | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 88.72% |          |
| Target Compounds            |        |      |          |       |        |          |
| 16) Acetone                 | 2.50   | 43   | 47161    | 35.01 | ug/l   | 95       |
| 18) Methyl Acetate          | 2.81   | 43   | 51406    | 13.60 | ug/l   | 100      |

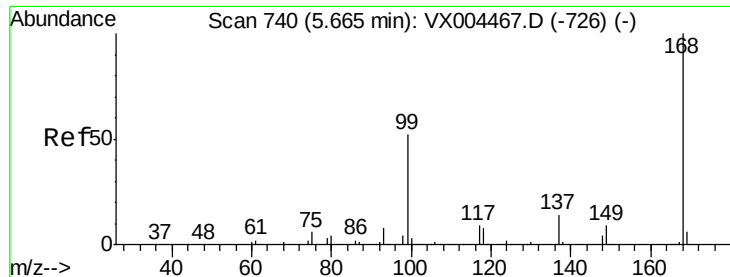
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091918\  
Data File : VX004700.D  
Acq On : 19 Sep 2018 12:46  
Operator : JC/MD  
Sample : J4945-01ME  
Misc : 0.62g/5mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
RB47195RTME

Quant Time: Sep 19 17:18:59 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X091118W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 12 02:17:23 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX004700.D

Acq: 19 Sep 2018 12:46

Instrument :

MSVOA\_X

ClientSampleId :

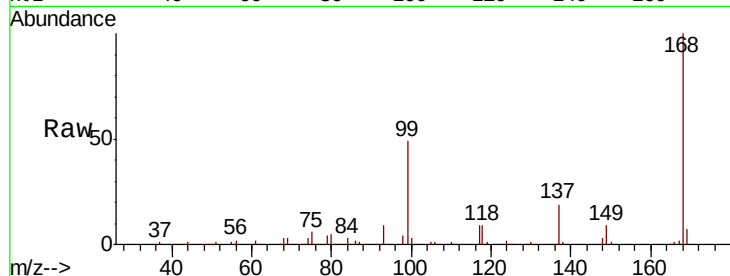
RB47195RTME

Tot Ion:168 Resp: 214074

Ion Ratio Lower Upper

168 100

99 48.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

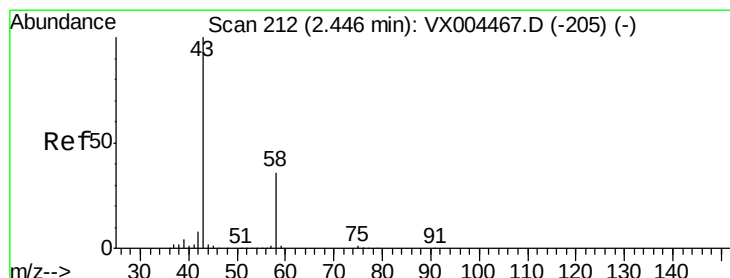
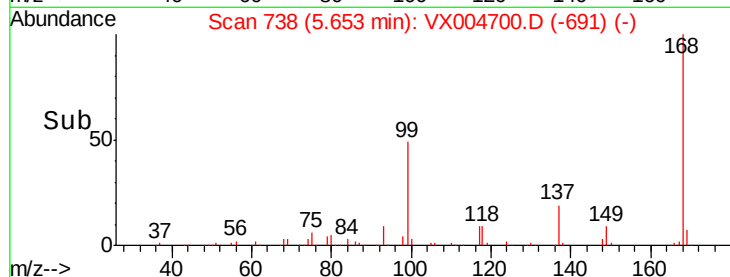
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 35.01 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.05 min

Lab File: VX004700.D

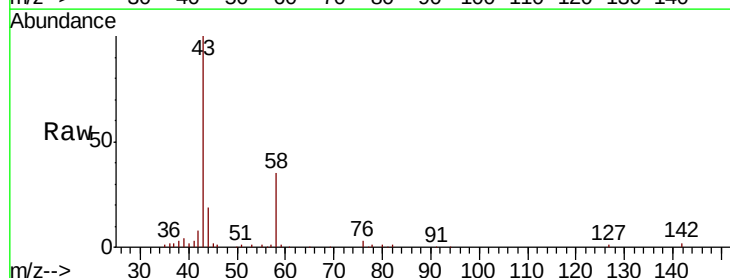
Acq: 19 Sep 2018 12:46

Tgt Ion: 43 Resp: 47161

Ion Ratio Lower Upper

43 100

58 35.6 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.50

15000

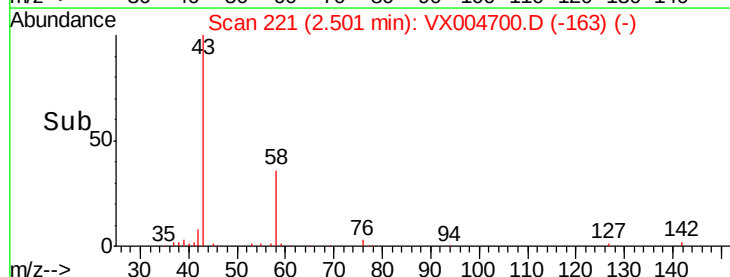
10000

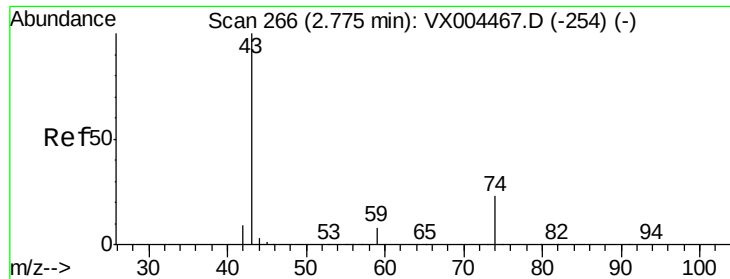
5000

0

Time-->

2.40 2.50 2.60 2.70

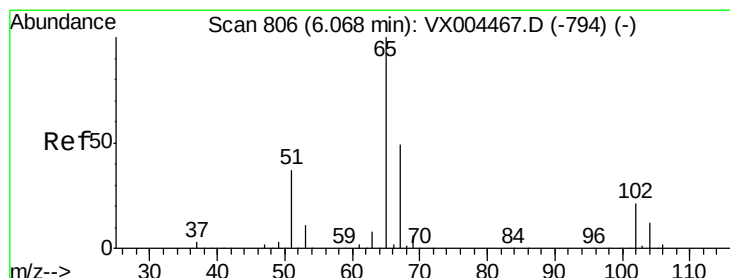
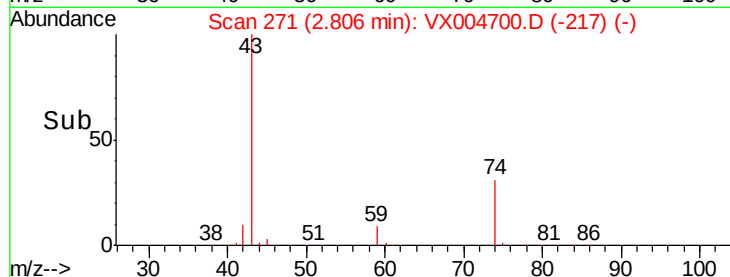
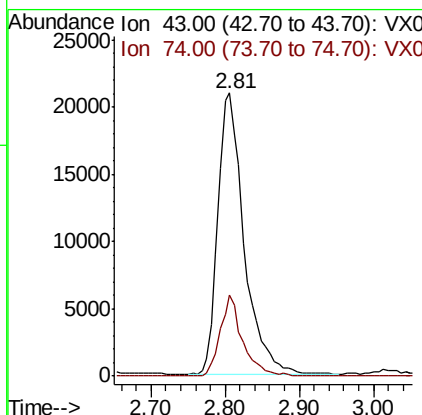
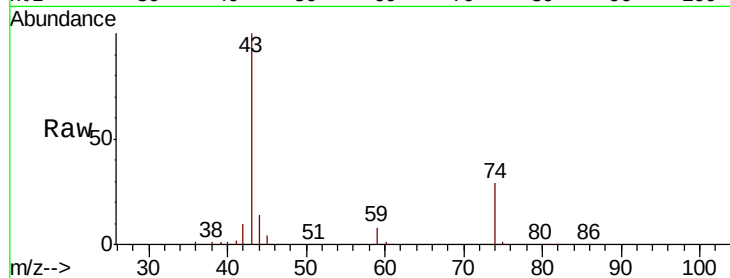




#18  
Methvl Acetate  
Concen: 13.60 ug/l  
RT: 2.81 min Scan# 271  
Delta R.T. 0.03 min  
Lab File: VX004700.D  
Acq: 19 Sep 2018 12:46

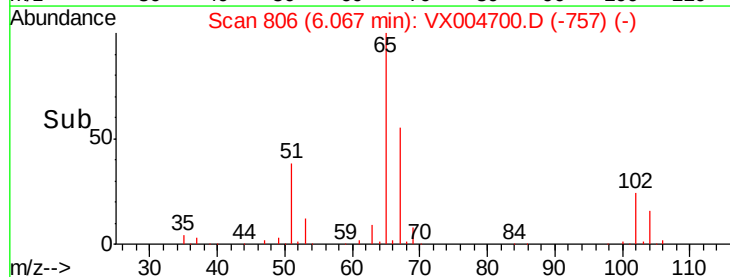
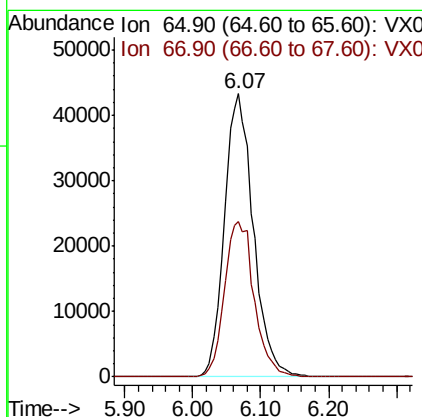
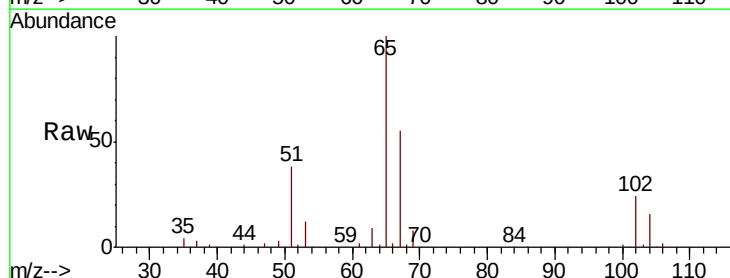
Instrument :  
MSVOA\_X  
ClientSampleId :  
RB47195RTME

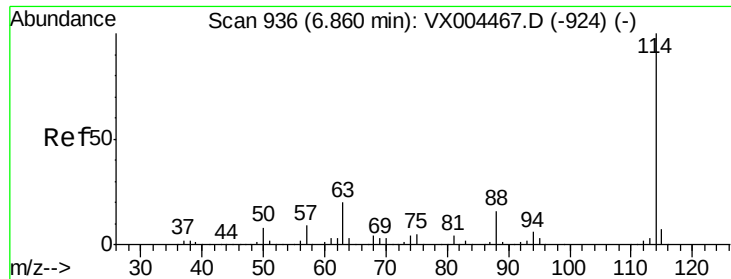
Tot Ion: 43 Resp: 51406  
Ion Ratio Lower Upper  
43 100  
74 24.5 19.4 29.2



#33  
1,2-Dichloroethane-d4  
Concen: 45.99 ug/l  
RT: 6.07 min Scan# 806  
Delta R.T. -0.00 min  
Lab File: VX004700.D  
Acq: 19 Sep 2018 12:46

Tgt Ion: 65 Resp: 126957  
Ion Ratio Lower Upper  
65 100  
67 56.3 0.0 106.8

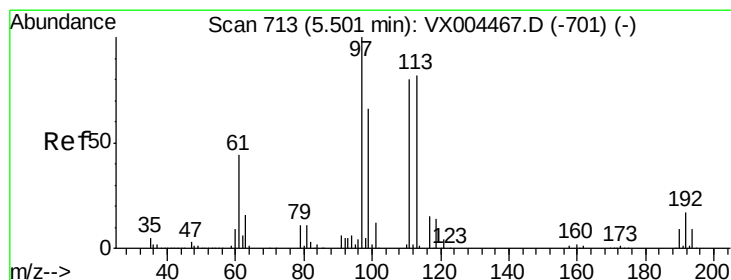
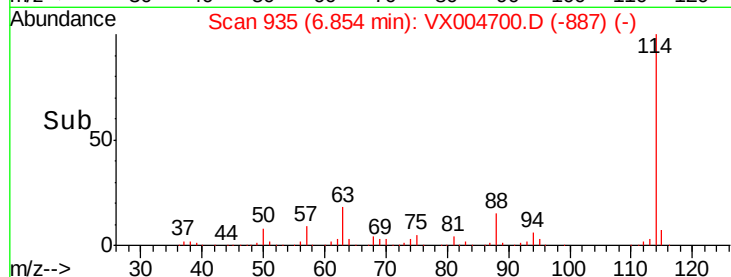
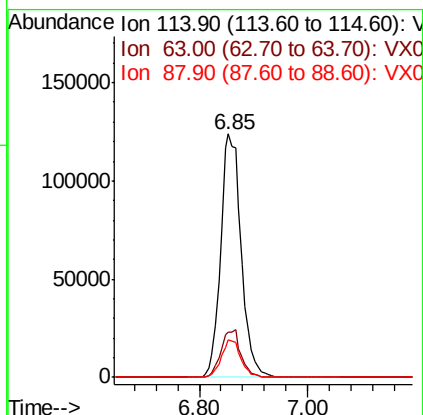
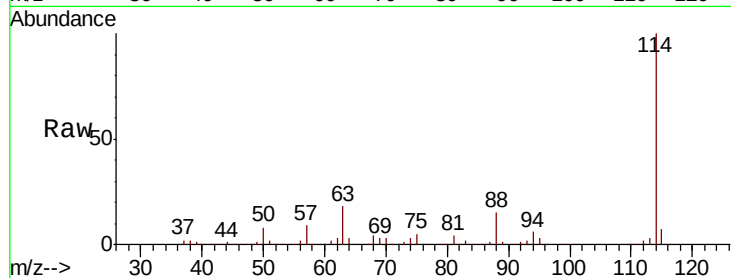




#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.85 min Scan# 935  
 Delta R.T. -0.01 min  
 Lab File: VX004700.D  
 Acq: 19 Sep 2018 12:46

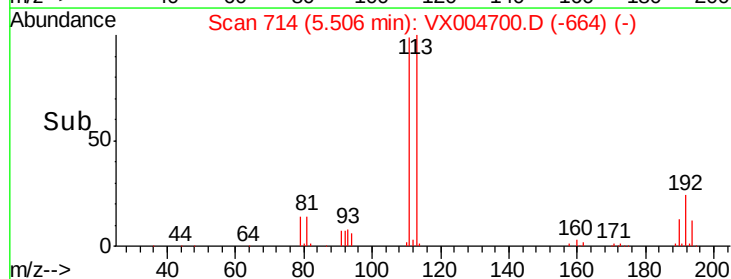
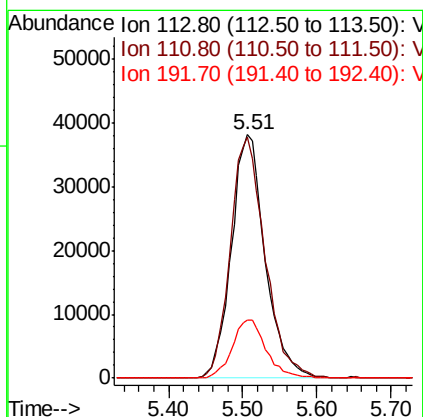
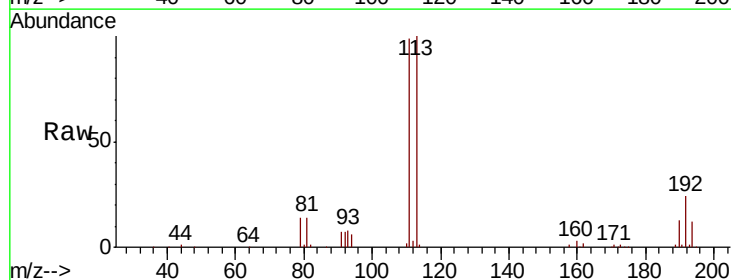
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RB47195RTME

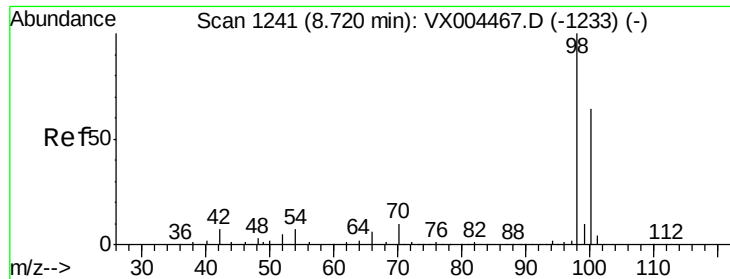
Tot Ion:114 Resp: 323480  
 Ion Ratio Lower Upper  
 114 100  
 63 18.4 0.0 39.0  
 88 15.3 0.0 30.4



#35  
 Dibromofluoromethane  
 Concen: 40.93 ug/l  
 RT: 5.51 min Scan# 714  
 Delta R.T. 0.01 min  
 Lab File: VX004700.D  
 Acq: 19 Sep 2018 12:46

Tgt Ion:113 Resp: 121171  
 Ion Ratio Lower Upper  
 113 100  
 111 101.7 82.4 123.6  
 192 24.0 19.4 29.2

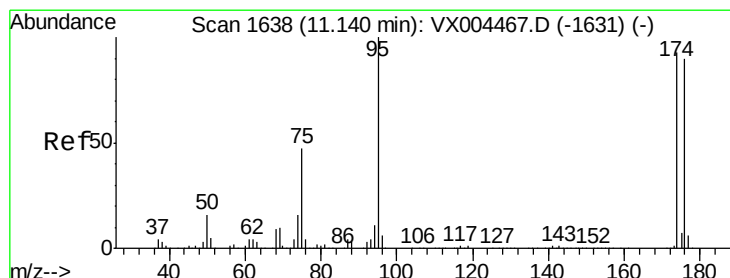
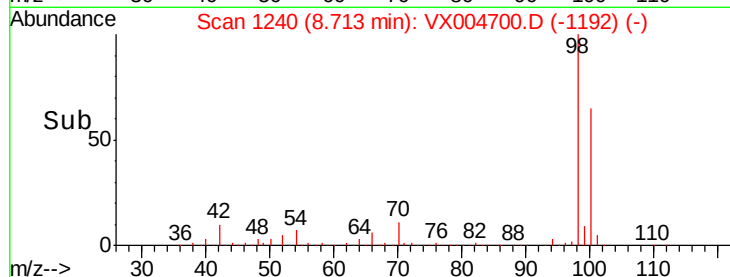
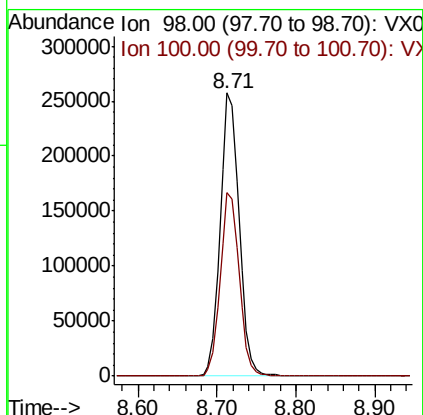
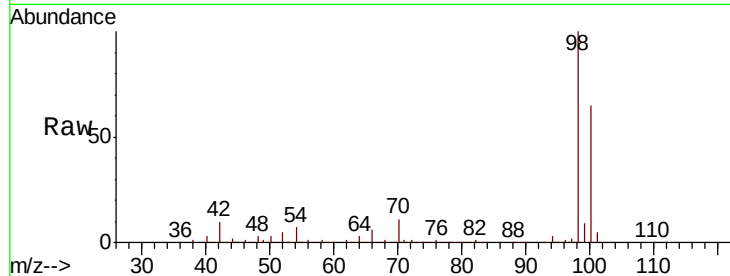




#50  
Toluene-d8  
Concen: 43.46 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.01 min  
Lab File: VX004700.D  
Acq: 19 Sep 2018 12:46

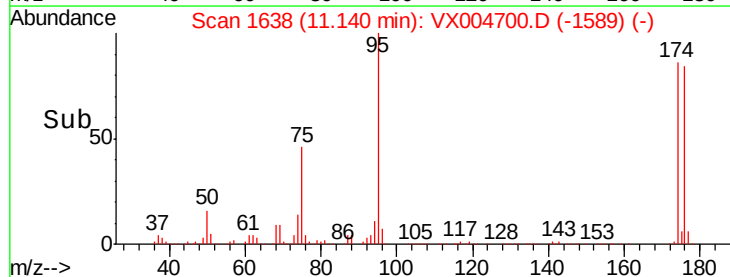
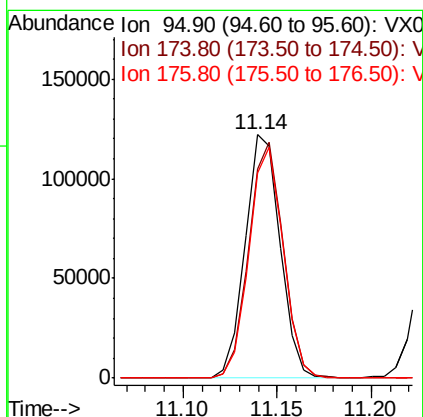
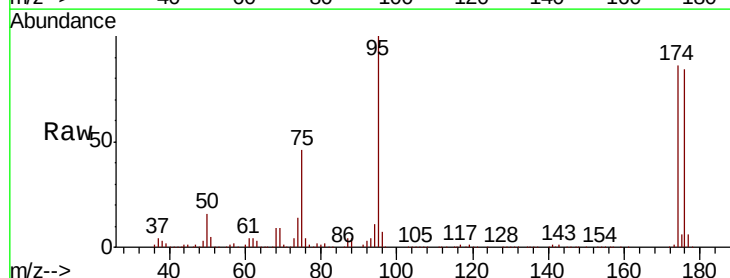
Instrument :  
MSVOA\_X  
ClientSampleId :  
RB47195RTME

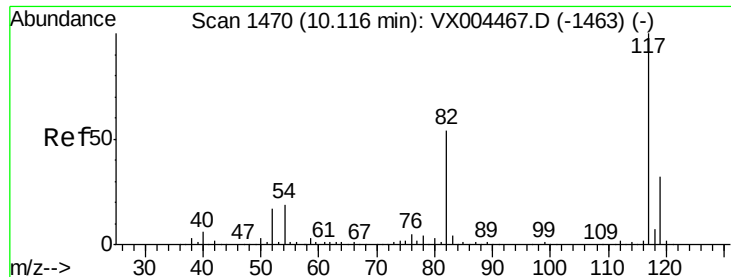
Tot Ion: 98 Resp: 431450  
Ion Ratio Lower Upper  
98 100  
100 65.0 52.9 79.3



#62  
4-Bromofluorobenzene  
Concen: 44.36 ug/l  
RT: 11.14 min Scan# 1638  
Delta R.T. -0.00 min  
Lab File: VX004700.D  
Acq: 19 Sep 2018 12:46

Tgt Ion: 95 Resp: 157177  
Ion Ratio Lower Upper  
95 100  
174 95.7 0.0 185.2  
176 93.1 0.0 178.6

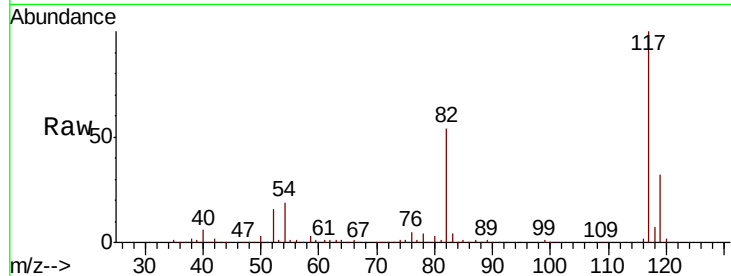




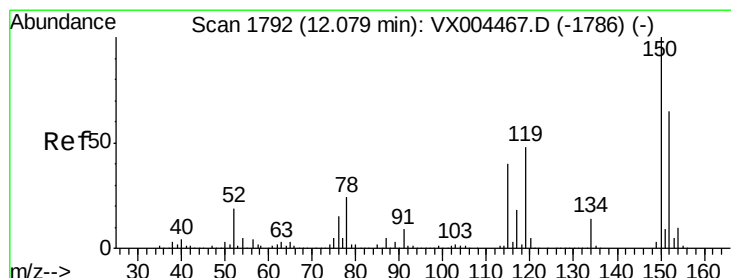
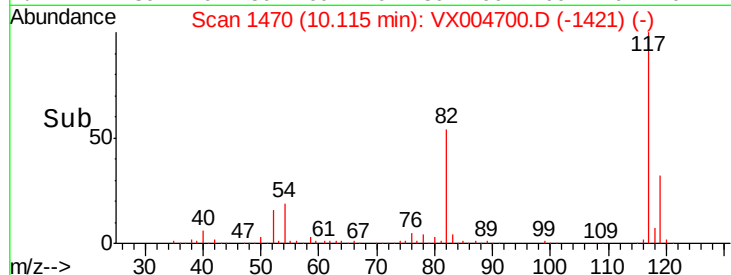
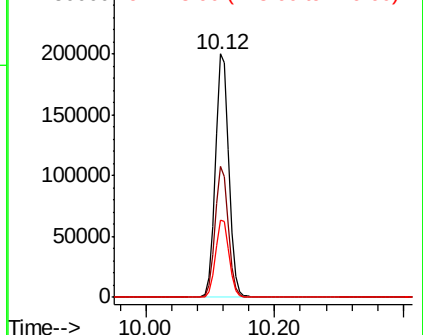
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: VX004700.D  
Acq: 19 Sep 2018 12:46

Instrument :  
MSVOA\_X  
ClientSampleId :  
RB47195RTME

Tot Ion:117 Resp: 295899  
Ion Ratio Lower Upper  
117 100  
82 53.6 47.8 71.6  
119 31.8 29.3 43.9

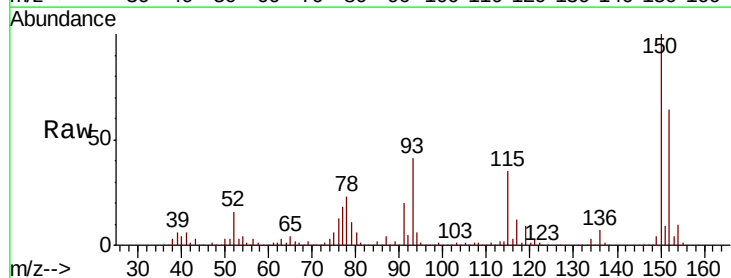


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.08 min Scan# 1793  
Delta R.T. 0.01 min  
Lab File: VX004700.D  
Acq: 19 Sep 2018 12:46

Tgt Ion:152 Resp: 173079  
Ion Ratio Lower Upper  
152 100  
115 63.8 39.0 117.0  
150 157.1 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V

