

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102918\
 Data File : VX005672.D
 Acq On : 29 Oct 2018 20:31
 Operator : JC/MD
 Sample : J5692-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ140I-20181024

Quant Time: Oct 30 04:20:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

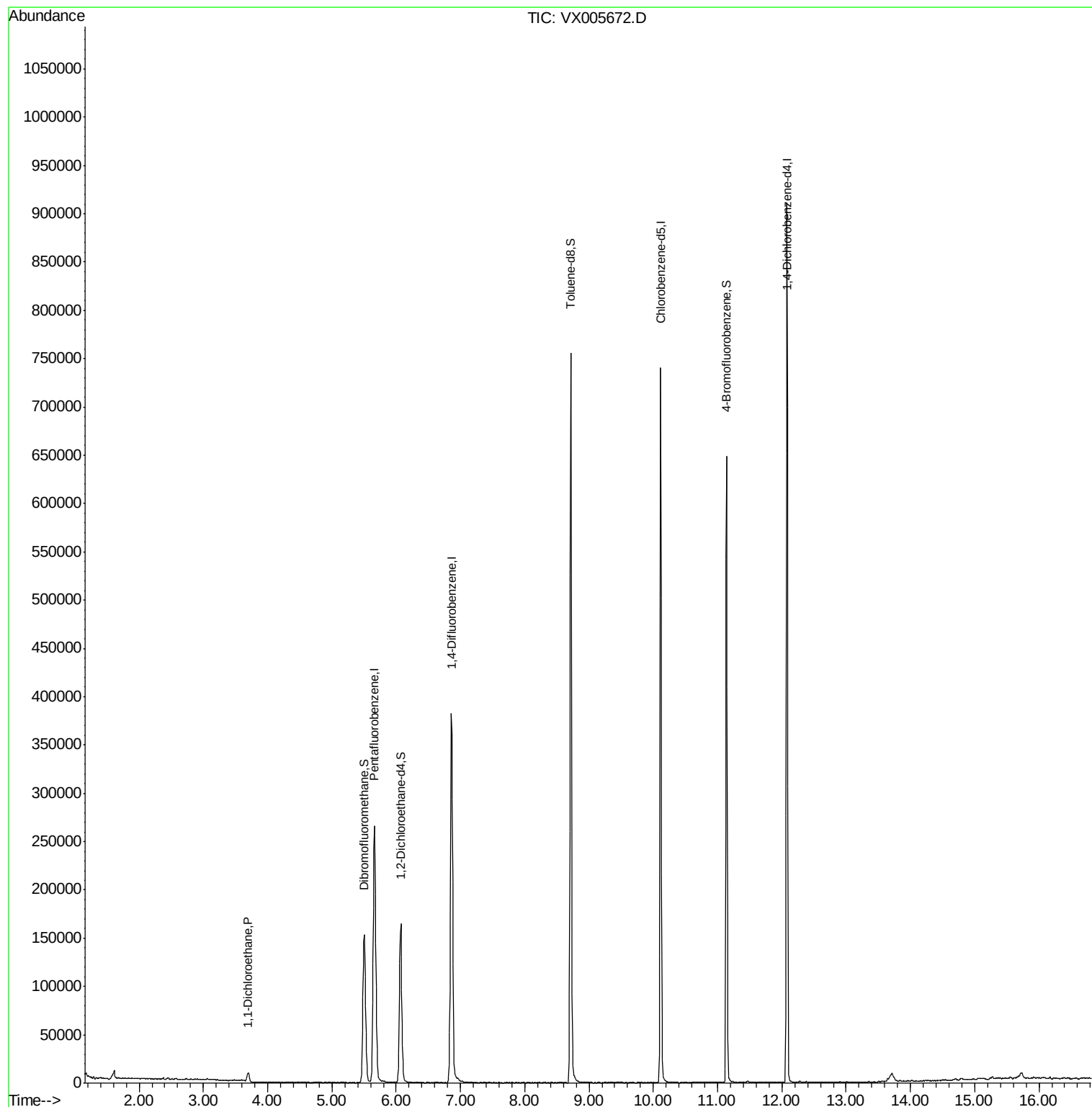
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	273551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	402369	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189351	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	155586	46.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.18%	
35) Dibromofluoromethane	5.49	113	133882	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
50) Toluene-d8	8.71	98	463116	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
62) 4-Bromofluorobenzene	11.14	95	162301	43.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.80%	
Target Compounds						
24) 1,1-Dichloroethane	3.70	63	9328	1.714	ug/l	99

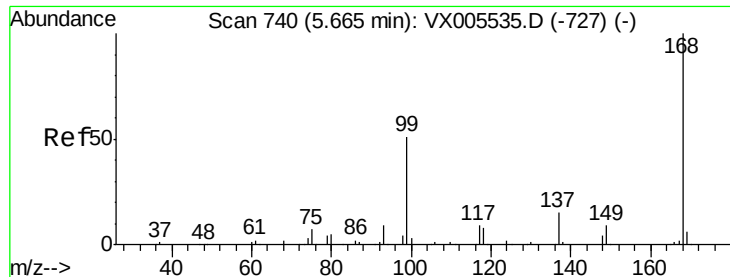
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005672.D

Acq: 29 Oct 2018 20:31

Instrument :

MSVOA_X

ClientSampleId :

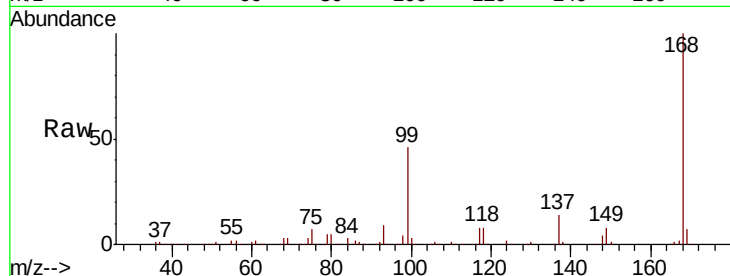
SA-PZ140I-20181024

Tot Ion:168 Resp: 273551

Ion Ratio Lower Upper

168 100

99 46.4 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

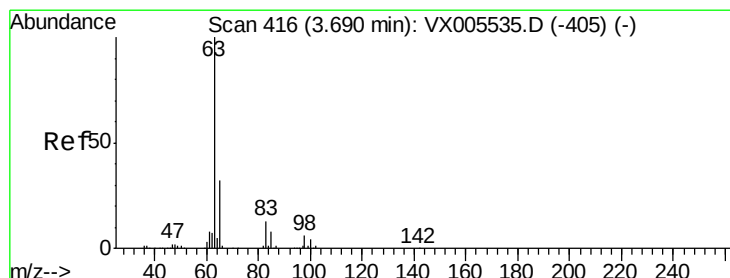
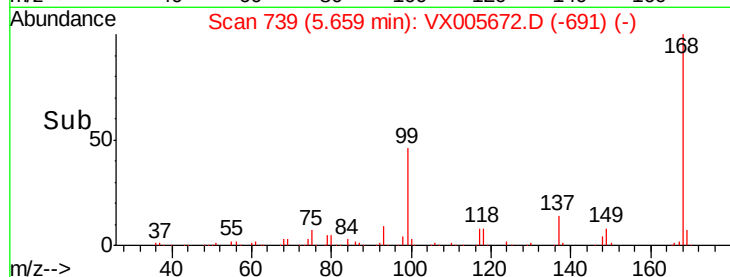
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#24

1,1-Dichloroethane

Concen: 1.714 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005672.D

Acq: 29 Oct 2018 20:31

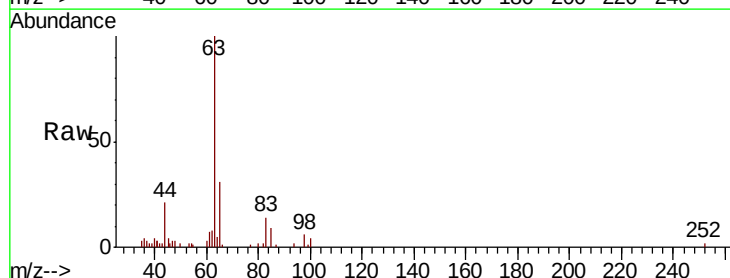
Tgt Ion: 63 Resp: 9328

Ion Ratio Lower Upper

63 100

98 6.3 3.2 9.6

100 3.7 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

5000

4000

3000

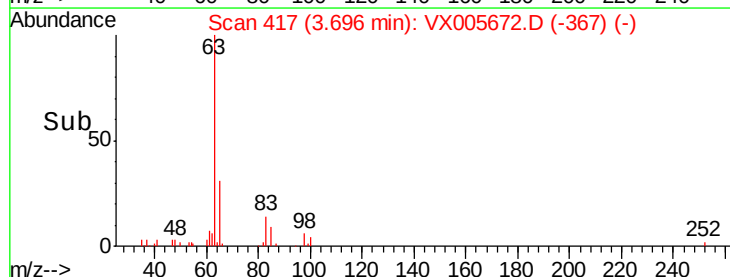
2000

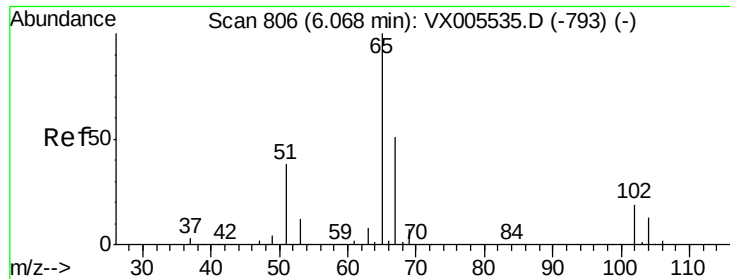
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0

Time-->

3.60 3.65 3.70 3.75 3.80

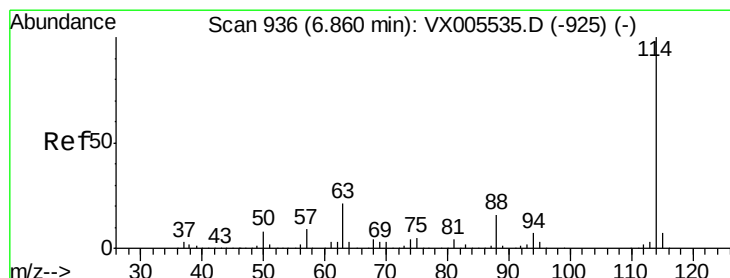
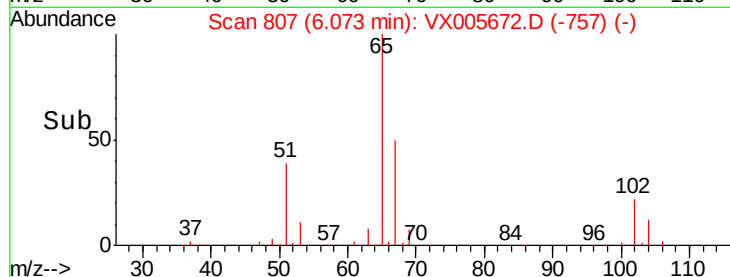
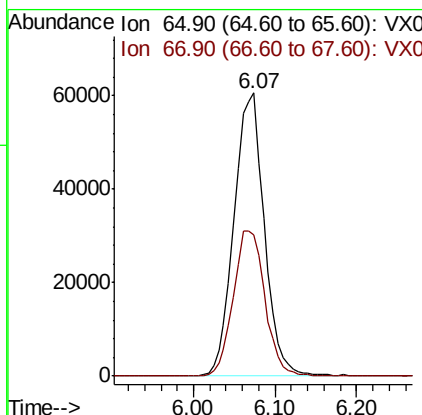
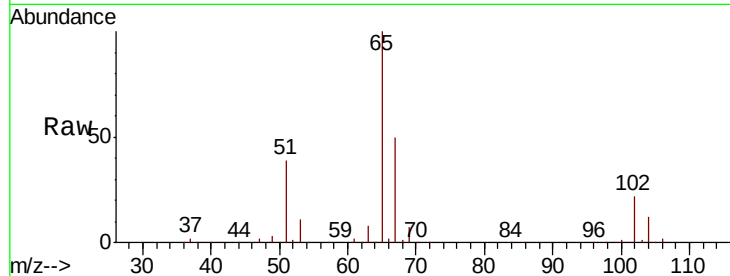




#33
 1,2-Dichloroethane-d4
 Concen: 46.594 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX005672.D
 Acq: 29 Oct 2018 20:31

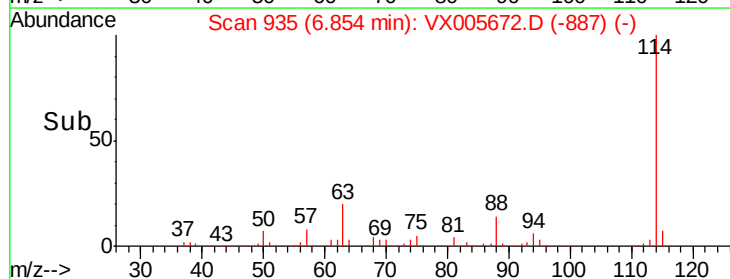
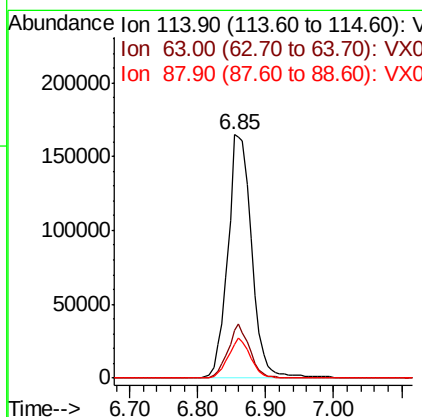
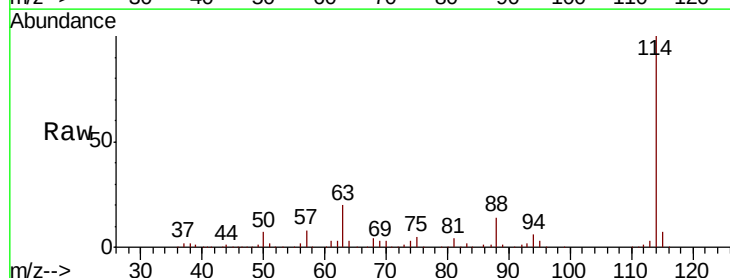
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ140I-20181024

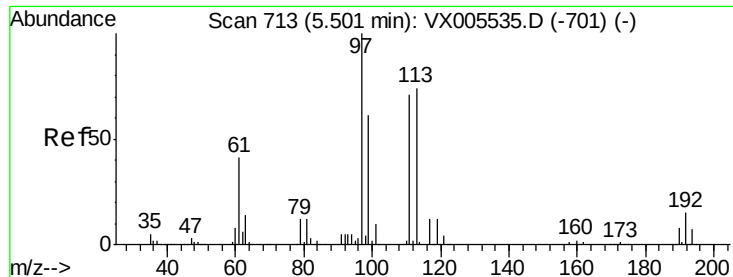
Tot Ion: 65 Resp: 155586
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX005672.D
 Acq: 29 Oct 2018 20:31

Tgt Ion: 114 Resp: 402369
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.8
 88 13.7 0.0 31.2

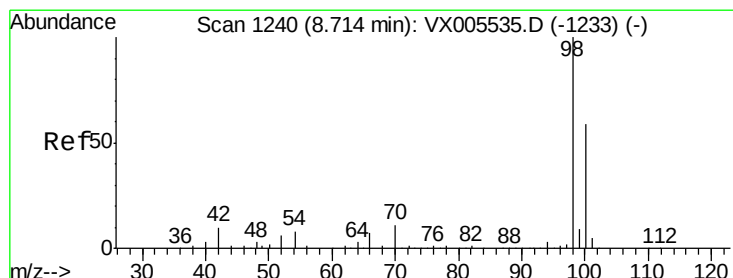
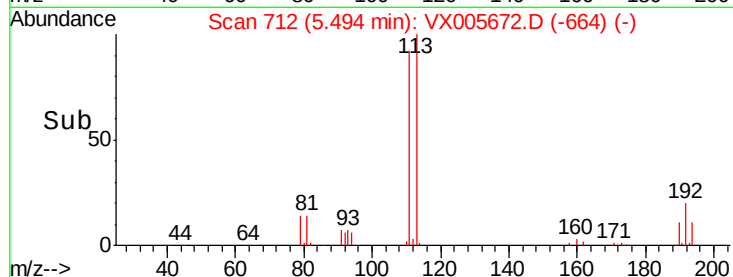
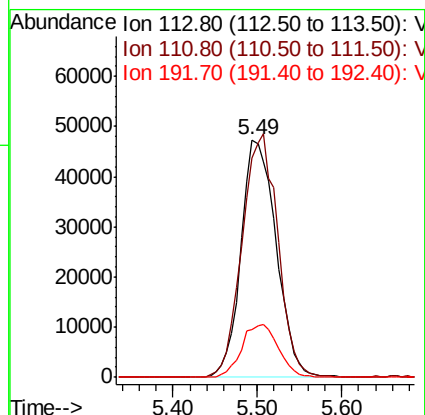
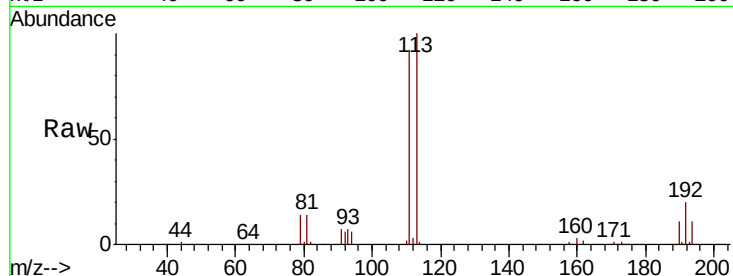




#35
 Dibromofluoromethane
 Concen: 49.140 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX005672.D
 Acq: 29 Oct 2018 20:31

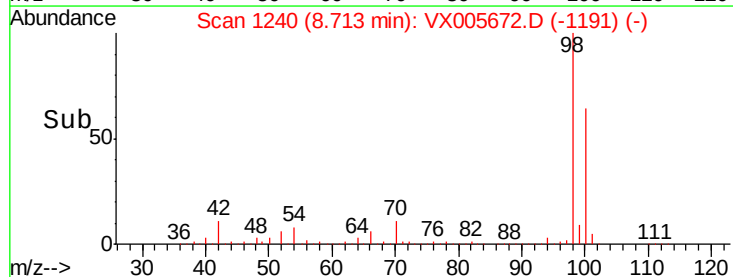
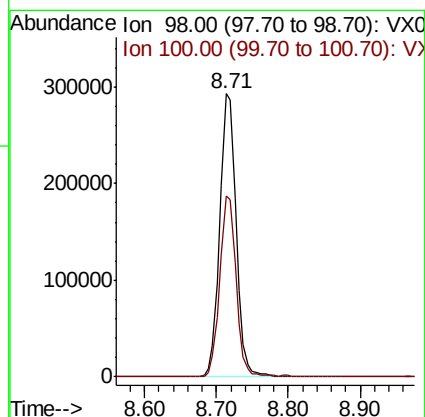
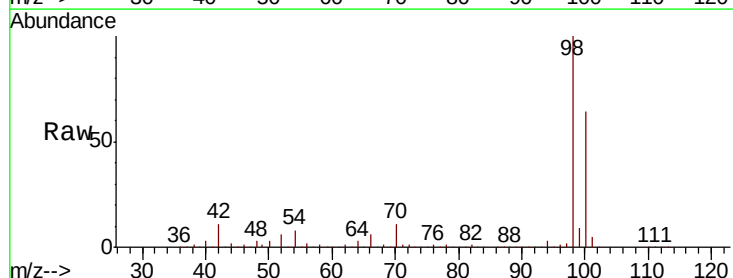
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ140I-20181024

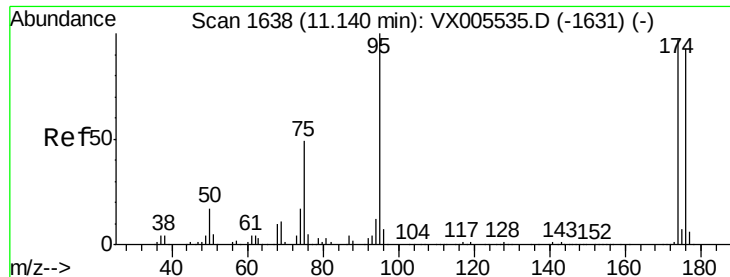
Tot Ion:113 Resp: 133882
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.3 123.5
 192 23.2 17.9 26.9



#50
 Toluene-d8
 Concen: 47.306 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX005672.D
 Acq: 29 Oct 2018 20:31

Tgt Ion: 98 Resp: 463116
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.3 76.9

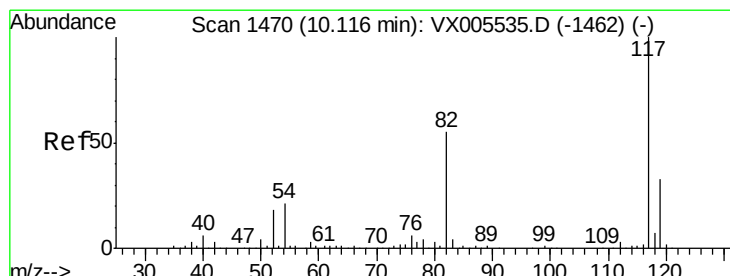
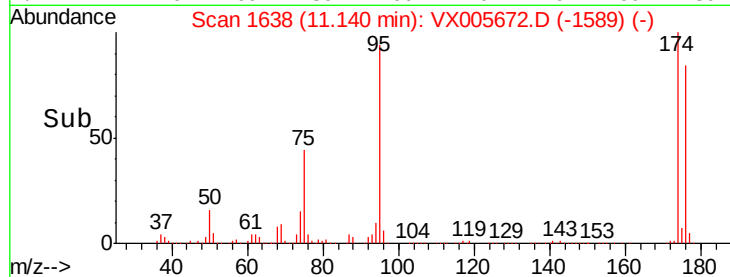
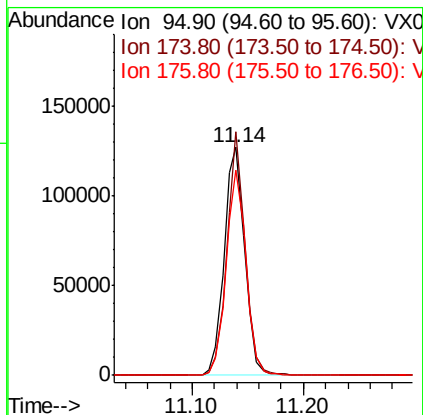
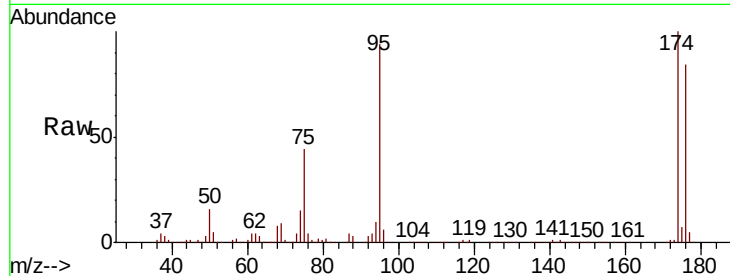




#62
4-Bromofluorobenzene
Concen: 43.900 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005672.D
Acq: 29 Oct 2018 20:31

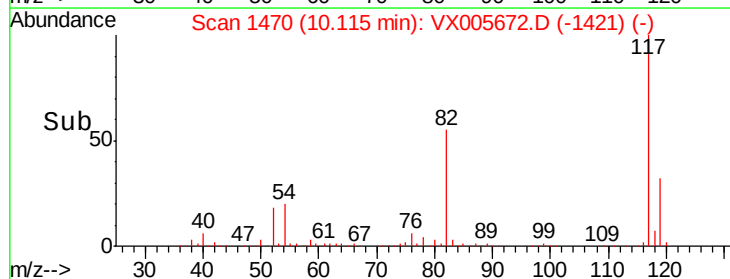
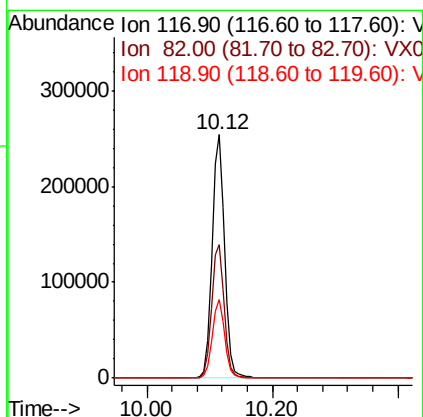
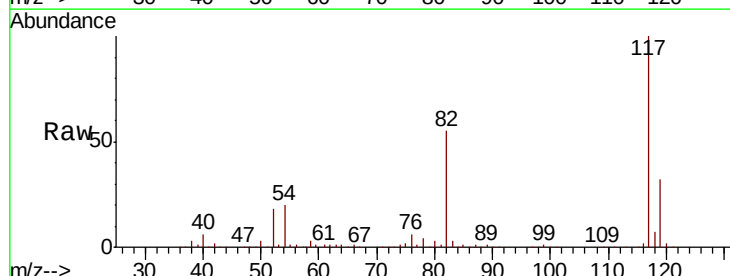
Instrument :
MSVOA_X
ClientSampleId :
SA-PZ140I-20181024

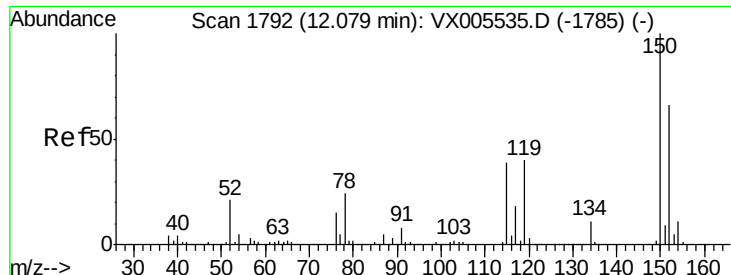
Tot Ion: 95 Resp: 162301
Ion Ratio Lower Upper
95 100
174 94.0 0.0 184.4
176 86.9 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005672.D
Acq: 29 Oct 2018 20:31

Tgt Ion: 117 Resp: 347600
Ion Ratio Lower Upper
117 100
82 54.8 44.1 66.1
119 32.5 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX005672.D
 Acq: 29 Oct 2018 20:31

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ140I-20181024

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.6	39.4	118.1
150	156.1	0.0	346.4

