

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061918\
 Data File : VX002720.D
 Acq On : 19 Jun 2018 18:31
 Operator : JC/MD
 Sample : J3516-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IDW

Quant Time: Jun 20 17:02:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	213651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	305333	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	282867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157668	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	162991	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
35) Dibromofluoromethane	5.51	113	127083	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
50) Toluene-d8	8.72	98	484531	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
62) 4-Bromofluorobenzene	11.14	95	167162	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.36%	

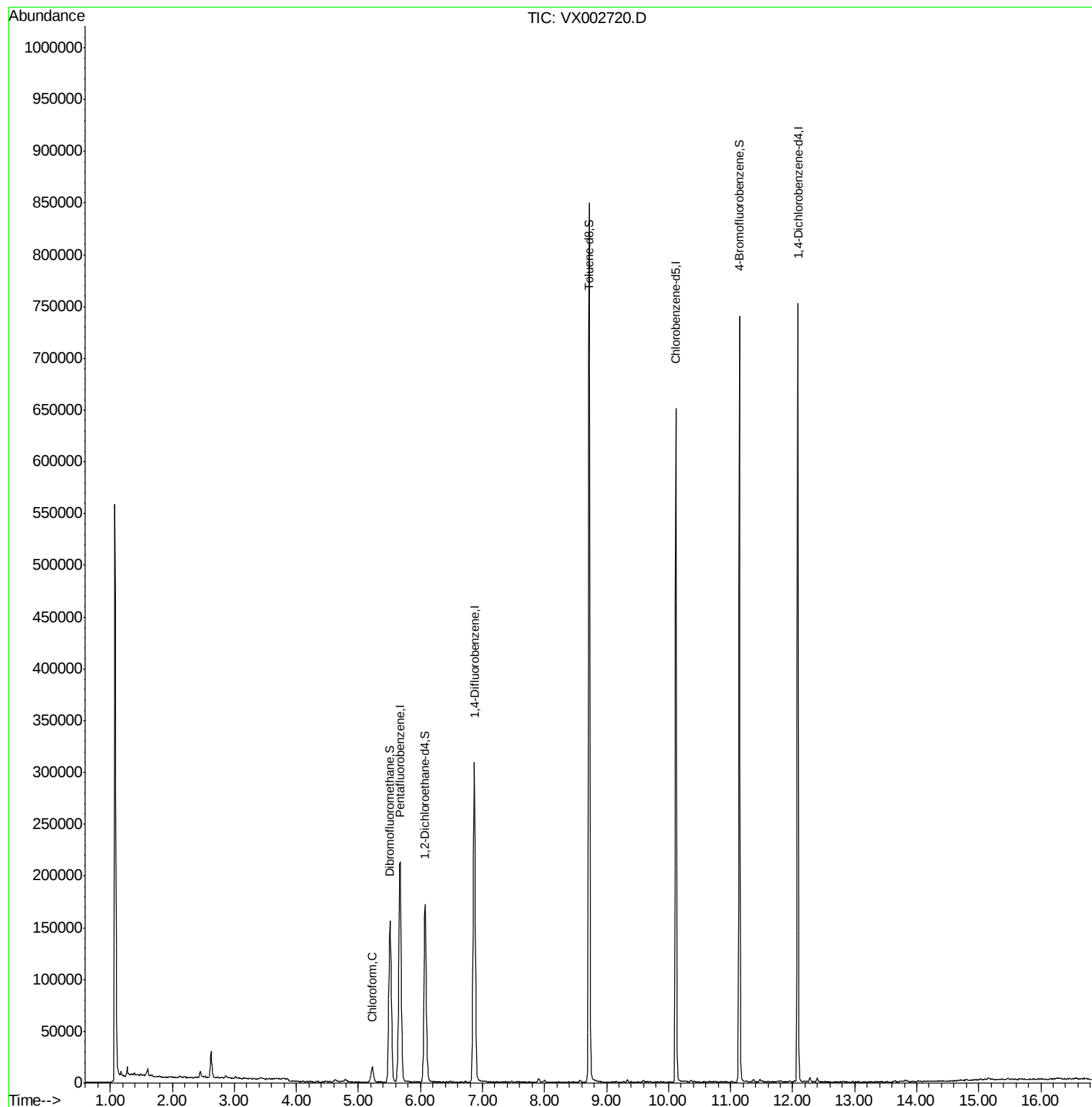
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
30) Chloroform	5.23	83	15637	3.48	ug/l	100

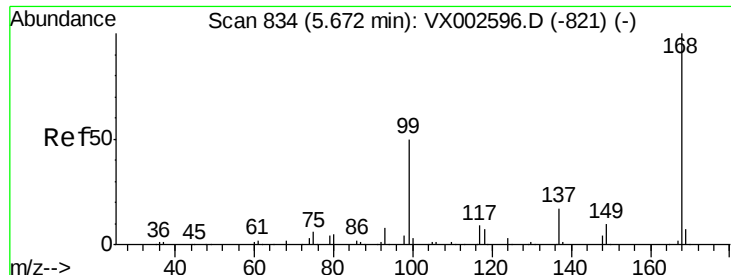
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002720.D

Acq: 19 Jun 2018 18:31

Instrument :

MSVOA_X

ClientSampled :

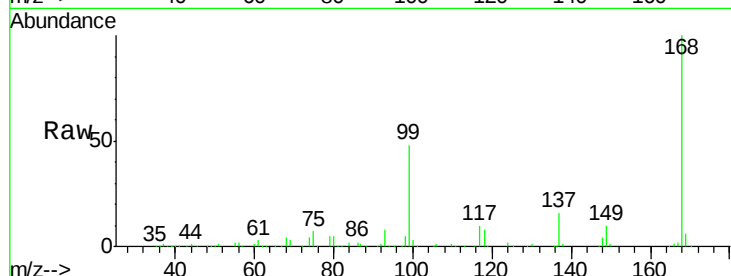
IDW

Tot Ion:168 Resp: 213651

Ion Ratio Lower Upper

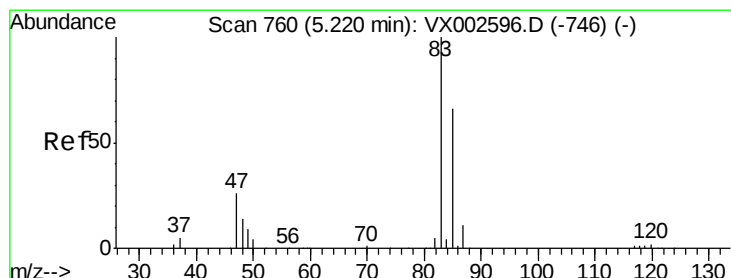
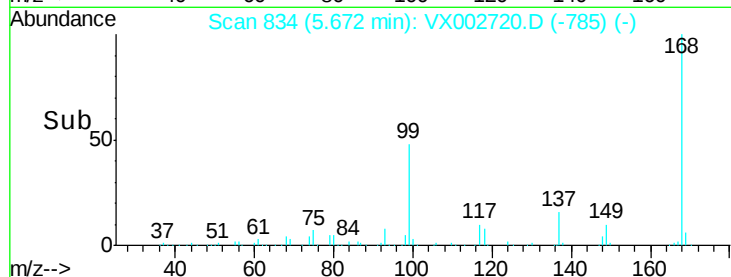
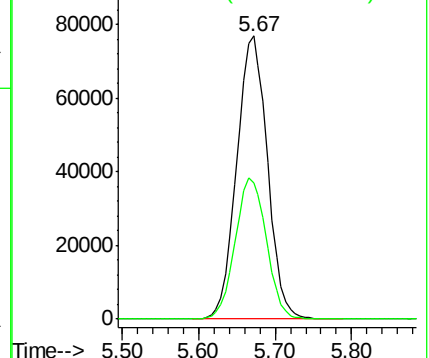
168 100

99 48.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#30

Chloroform

Concen: 3.48 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX002720.D

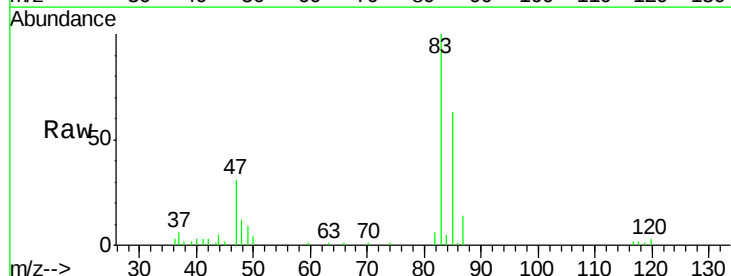
Acq: 19 Jun 2018 18:31

Tgt Ion: 83 Resp: 15637

Ion Ratio Lower Upper

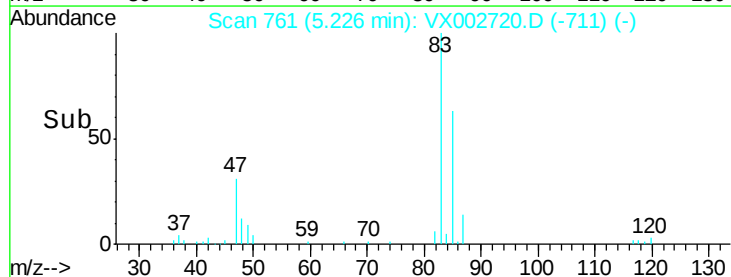
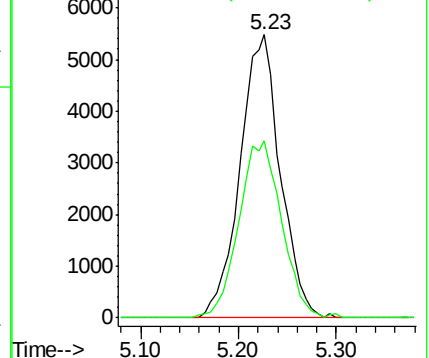
83 100

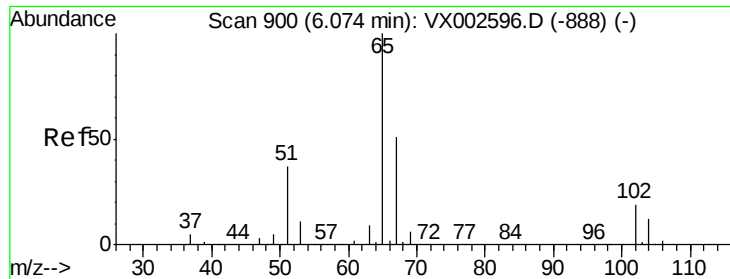
85 62.7 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

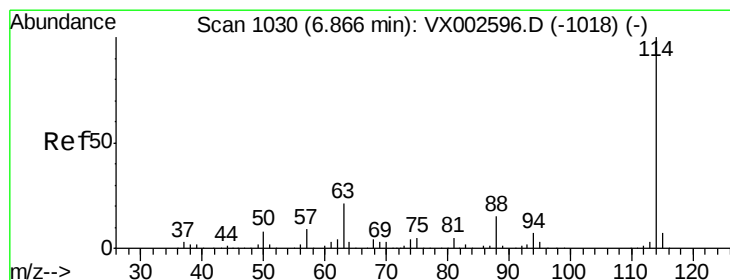
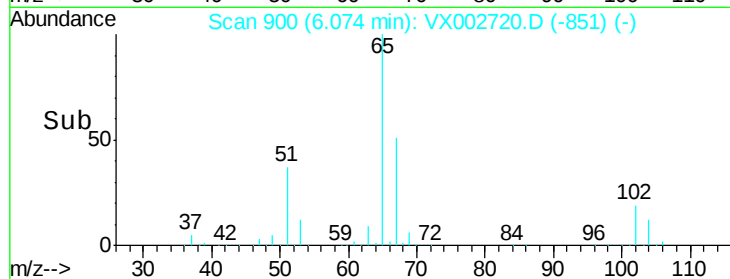
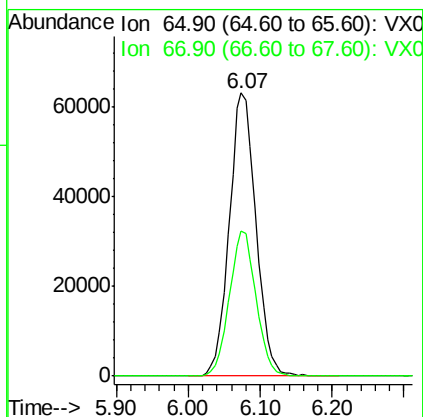
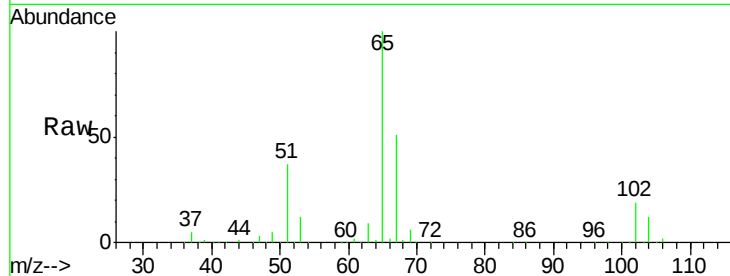




#33
 1,2-Dichloroethane-d4
 Concen: 50.20 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002720.D
 Acq: 19 Jun 2018 18:31

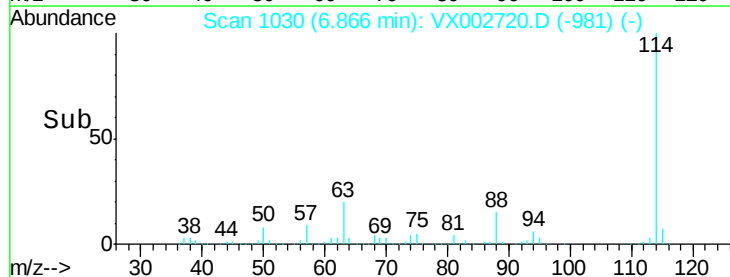
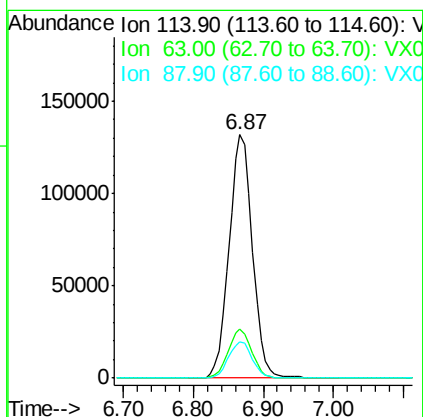
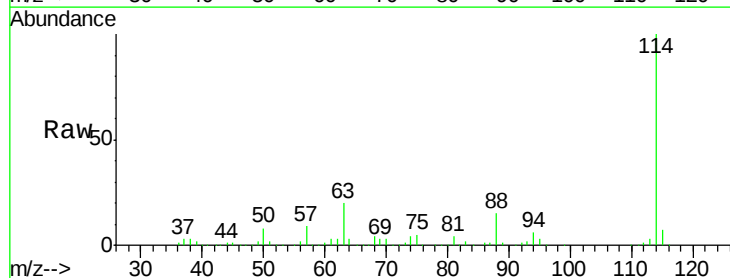
Instrument :
 MSVOA_X
 ClientSampleId :
 IDW

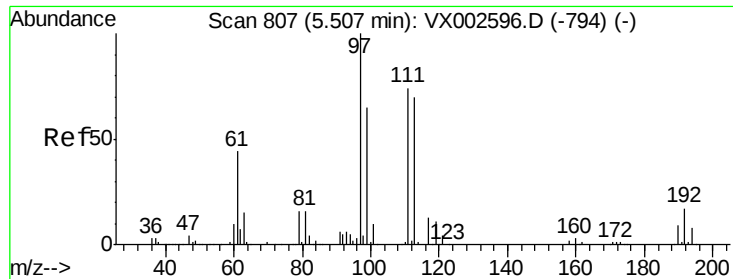
Tot Ion: 65 Resp: 162991
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002720.D
 Acq: 19 Jun 2018 18:31

Tgt Ion: 114 Resp: 305333
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.4
 88 15.1 0.0 30.0

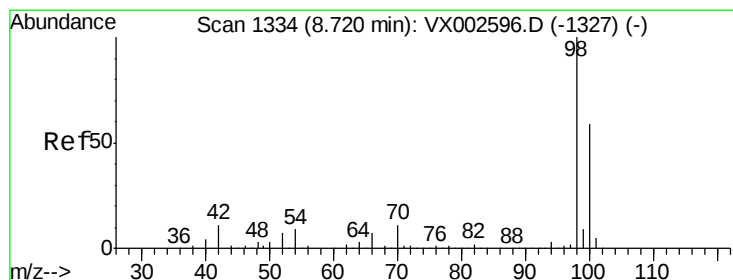
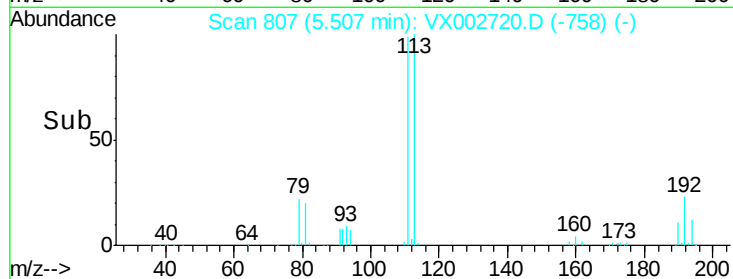
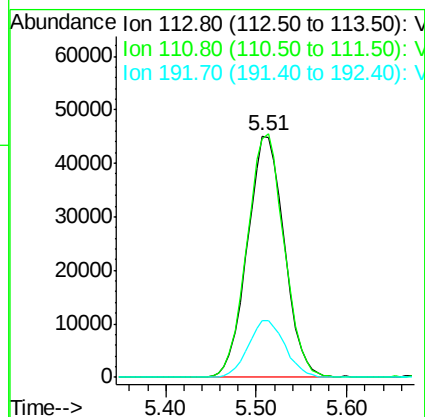
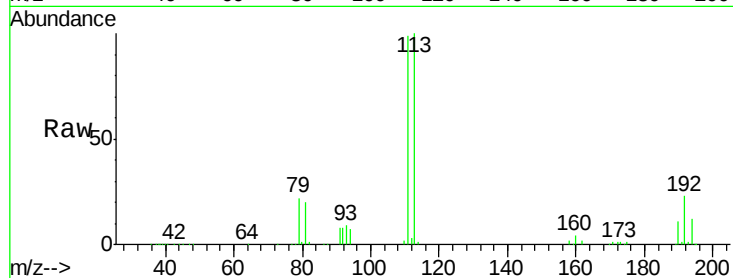




#35
 Dibromofluoromethane
 Concen: 52.15 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002720.D
 Acq: 19 Jun 2018 18:31

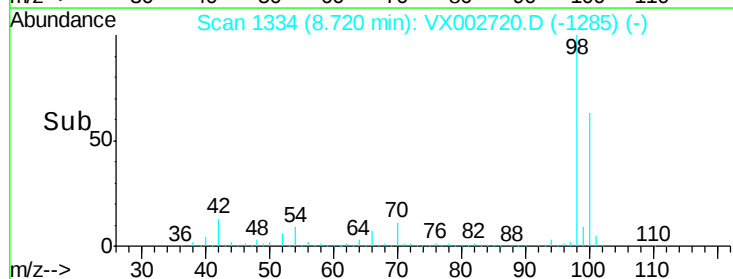
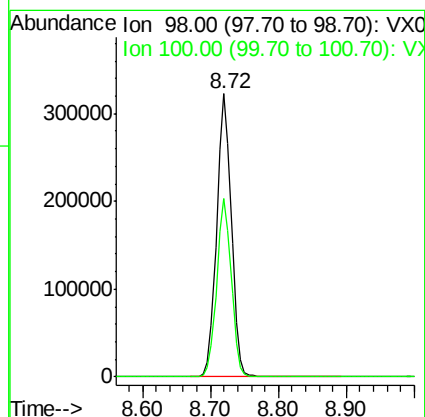
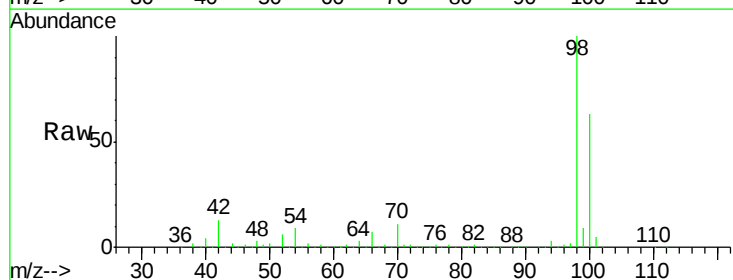
Instrument :
 MSVOA_X
 ClientSampled :
 IDW

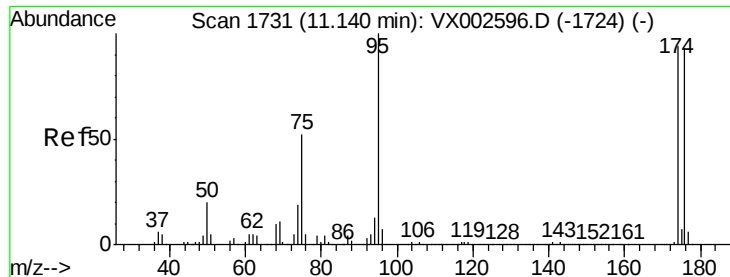
Tot Ion:113 Resp: 127083
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.4 122.0
 192 23.6 19.1 28.7



#50
 Toluene-d8
 Concen: 52.37 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002720.D
 Acq: 19 Jun 2018 18:31

Tgt Ion: 98 Resp: 484531
 Ion Ratio Lower Upper
 98 100
 100 62.7 50.9 76.3

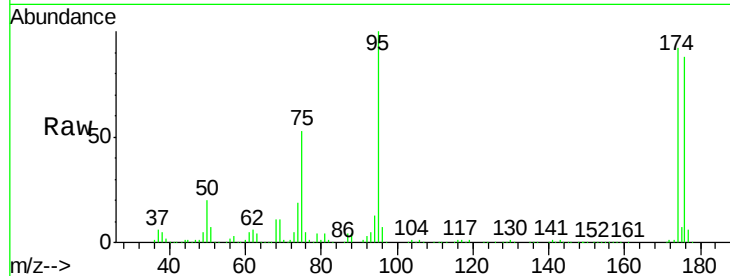




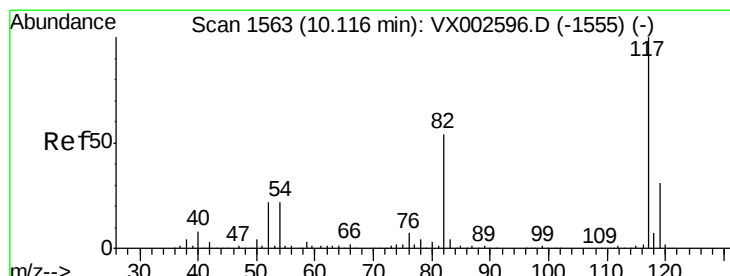
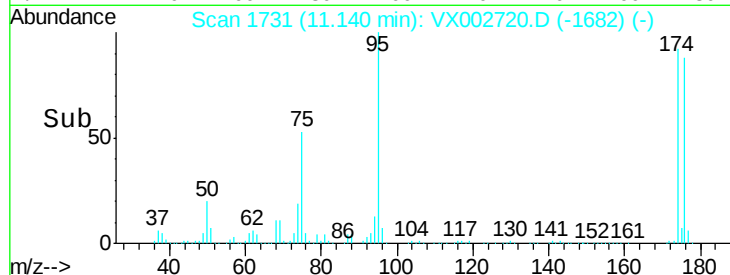
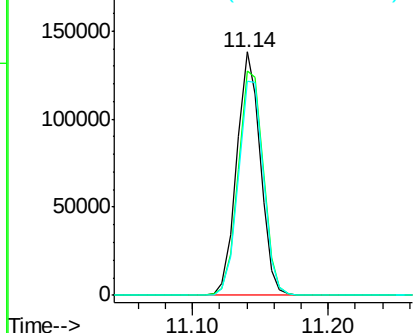
#62
4-Bromofluorobenzene
Concen: 47.68 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002720.D
Acq: 19 Jun 2018 18:31

Instrument :
MSVOA_X
ClientSampled :
IDW

Tot Ion: 95 Resp: 167162
Ion Ratio Lower Upper
95 100
174 97.9 0.0 187.4
176 93.6 0.0 181.0

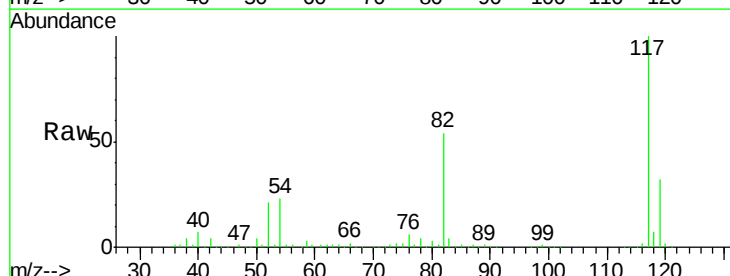


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

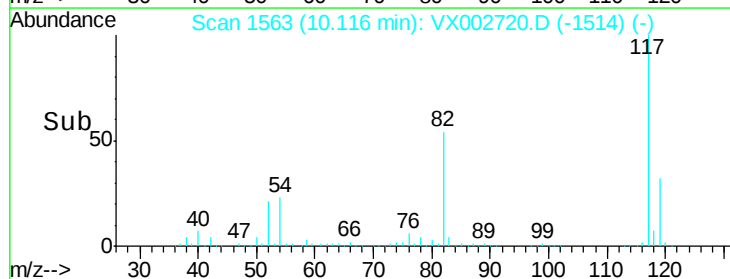
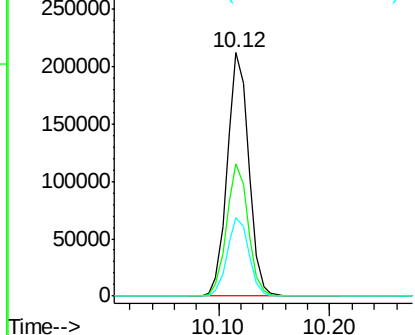


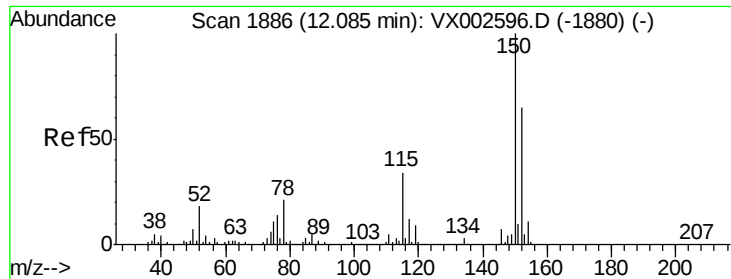
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002720.D
Acq: 19 Jun 2018 18:31

Tgt Ion: 117 Resp: 282867
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.4
119 32.1 25.8 38.6



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# 1886

Delta R.T. 0.00 min

Lab File: VX002720.D

Acq: 19 Jun 2018 18:31

Instrument :

MSVOA_X

ClientSampleId :

IDW

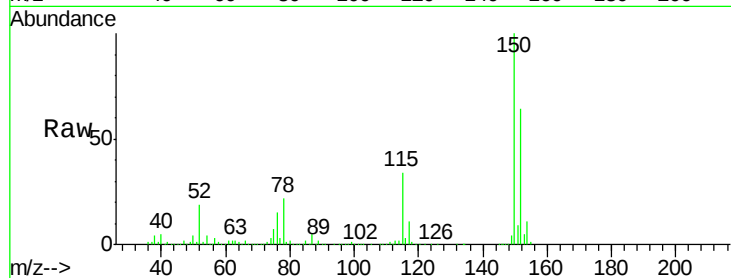
Tot Ion:152 Resp: 157668

Ion Ratio Lower Upper

152 100

115 55.3 40.1 120.2

150 157.9 0.0 347.2



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

