

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002184.D
 Acq On : 31 May 2018 18:20
 Operator : JC/MD
 Sample : J3183-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3TB12-180523

Quant Time: Jun 01 03:49:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

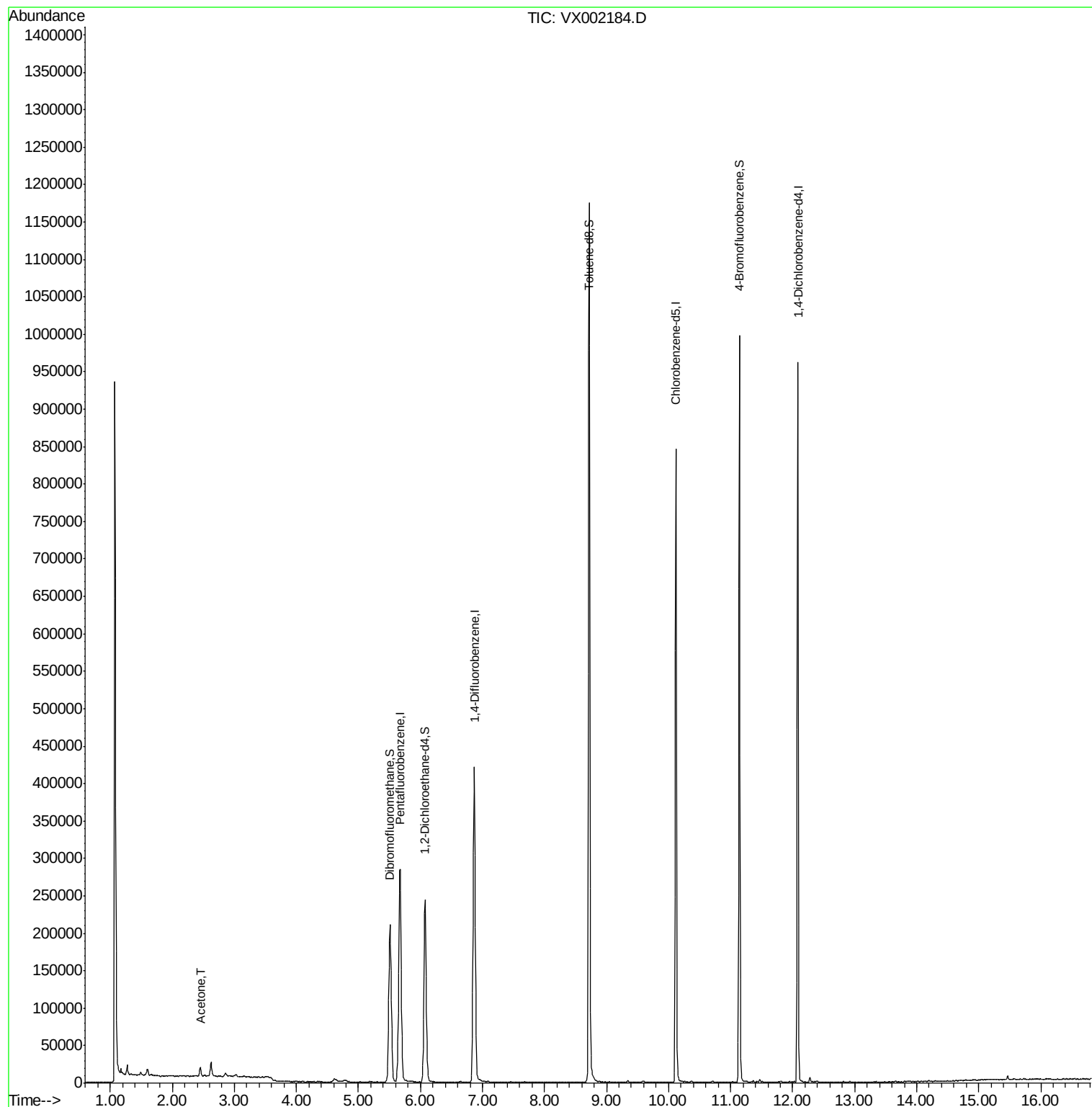
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	287938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	411706	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	368954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	200355	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	231499	44.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.96%	
35) Dibromofluoromethane	5.51	113	171870	41.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.50%	
50) Toluene-d8	8.72	98	680107	45.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.26%	
62) 4-Bromofluorobenzene	11.14	95	236656	40.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.16%	
Target Compounds						
16) Acetone	2.45	43	13242	6.667	ug/l	99

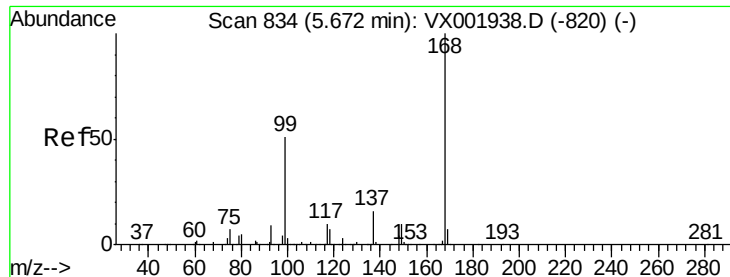
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002184.D

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MSVOA_X

ClientSampleId :

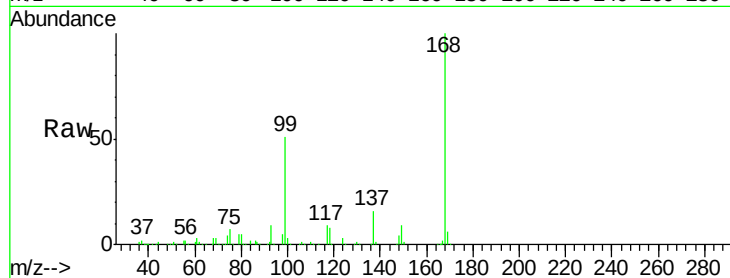
Z3TB12-180523

Tot Ion:168 Resp: 287938

Ion Ratio Lower Upper

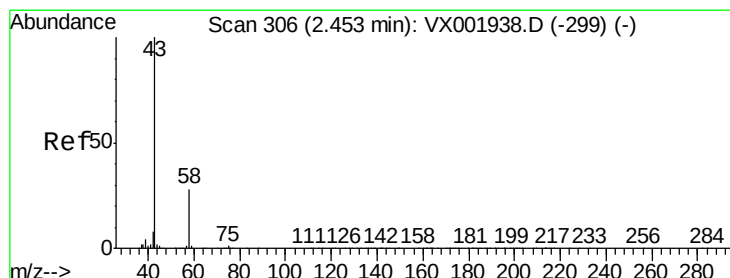
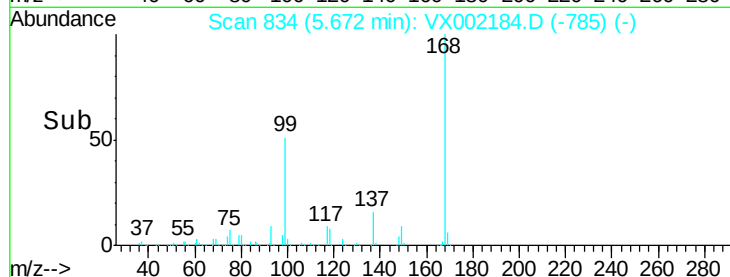
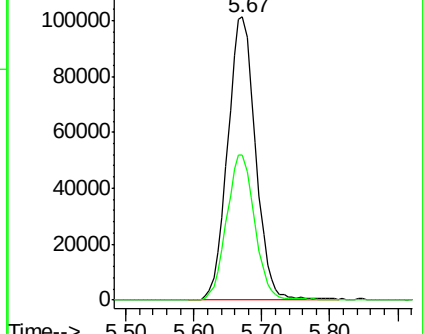
168 100

99 51.4 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 6.667 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX002184.D

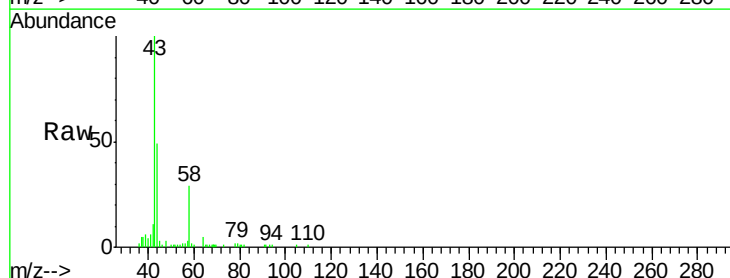
Acq: 31 May 2018 18:20

Tgt Ion: 43 Resp: 13242

Ion Ratio Lower Upper

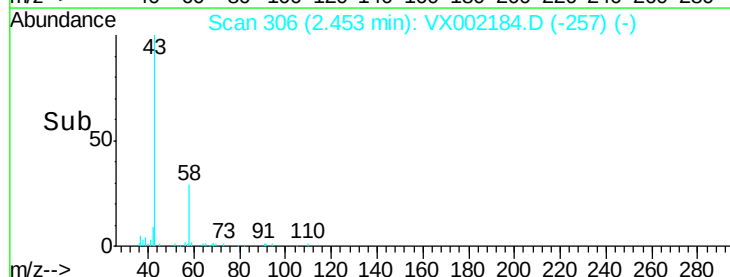
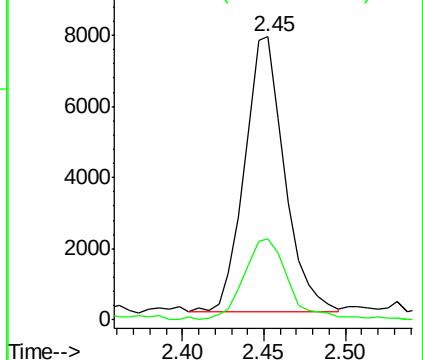
43 100

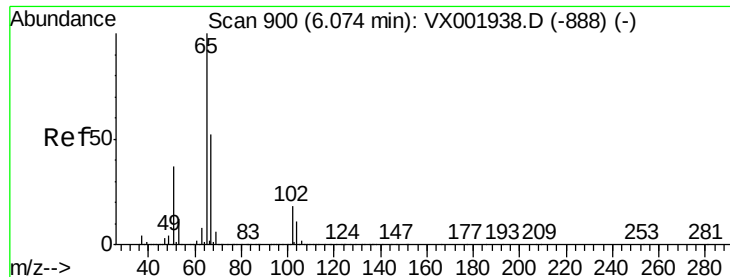
58 28.4 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

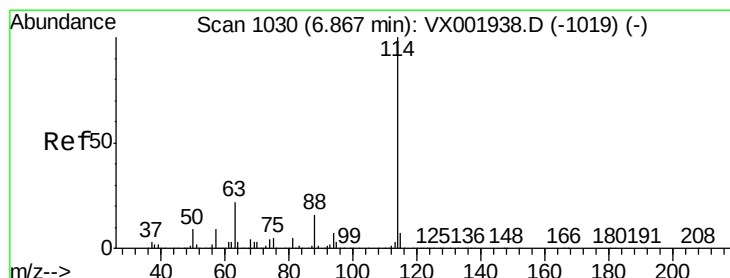
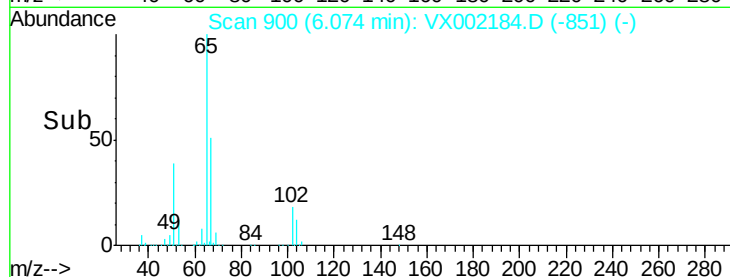
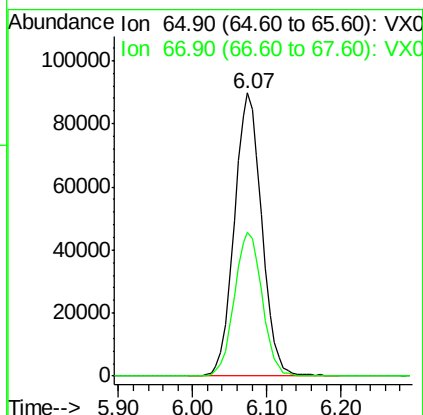
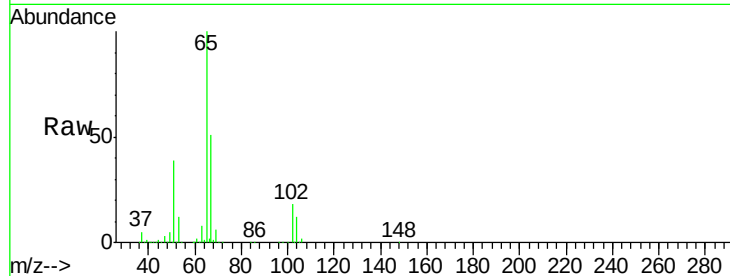




#33
 1,2-Dichloroethane-d4
 Concen: 44.978 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002184.D
 Acq: 31 May 2018 18:20

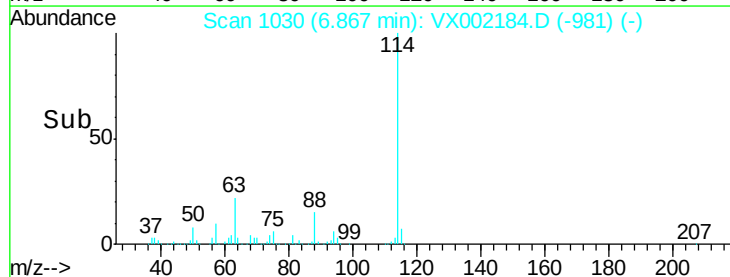
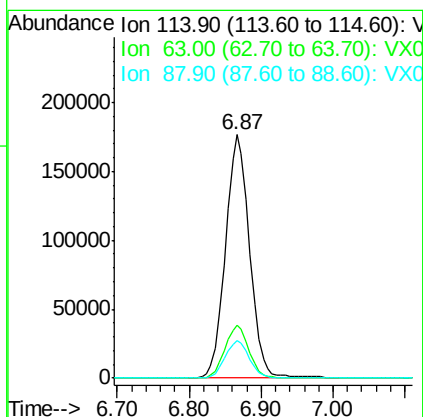
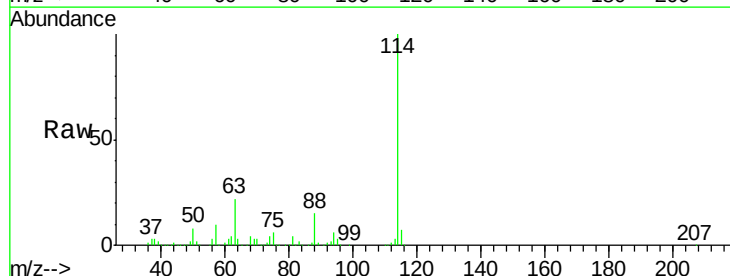
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3TB12-180523

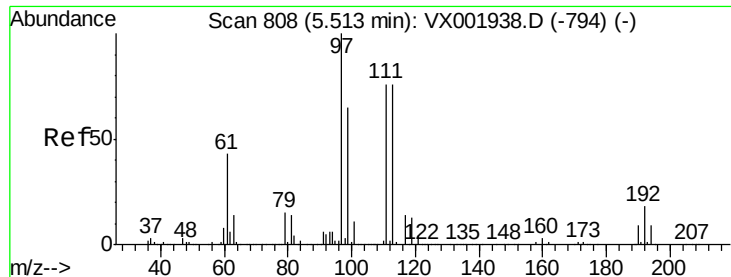
Tot Ion: 65 Resp: 231499
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002184.D
 Acq: 31 May 2018 18:20

Tgt Ion: 114 Resp: 411706
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.2
 88 15.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 41.746 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX002184.D

Acq: 31 May 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

Z3TB12-180523

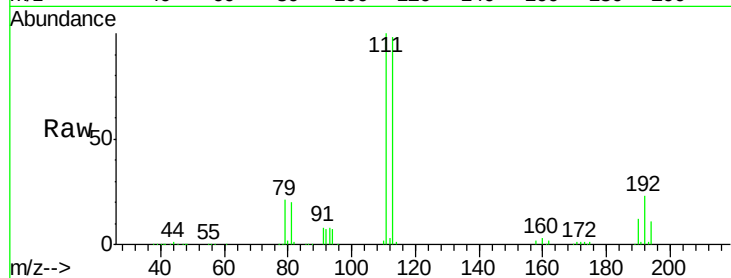
Tot Ion:113 Resp: 171870

Ion Ratio Lower Upper

113 100

111 102.3 82.0 123.0

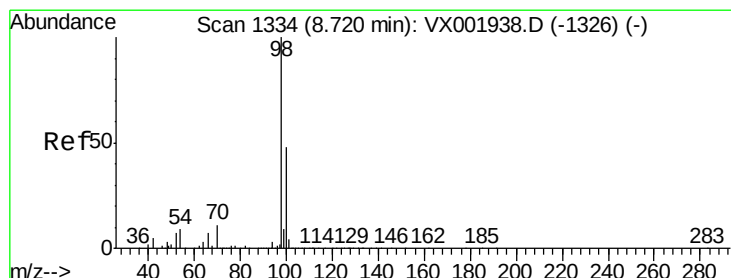
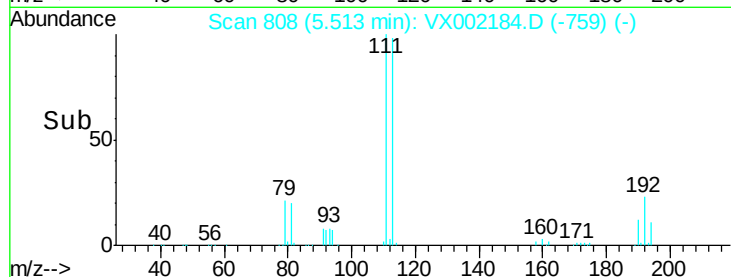
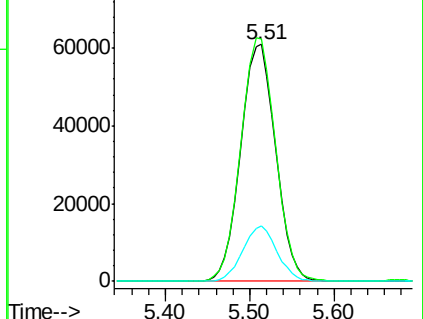
192 22.8 18.9 28.3



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: 45.629 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002184.D

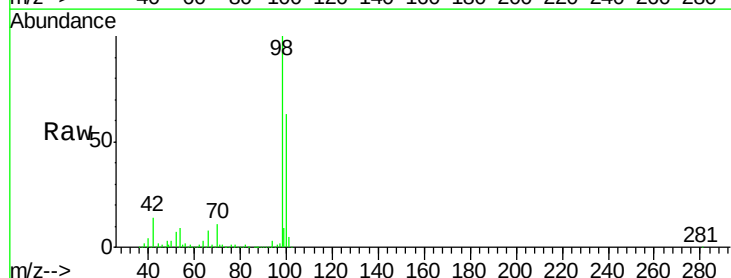
Acq: 31 May 2018 18:20

Tgt Ion: 98 Resp: 680107

Ion Ratio Lower Upper

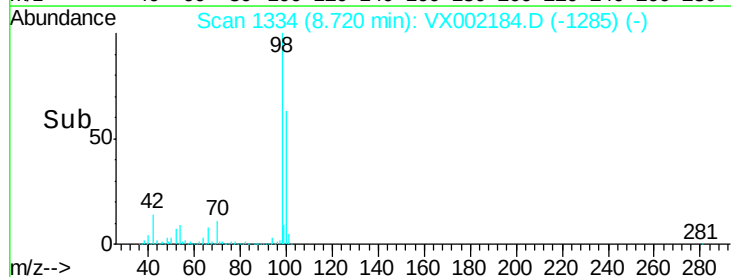
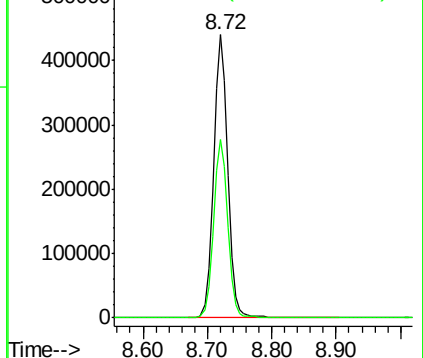
98 100

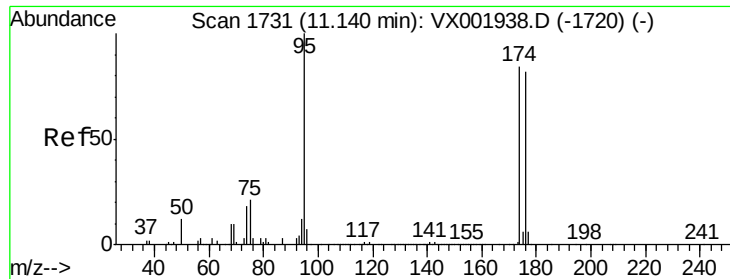
100 63.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

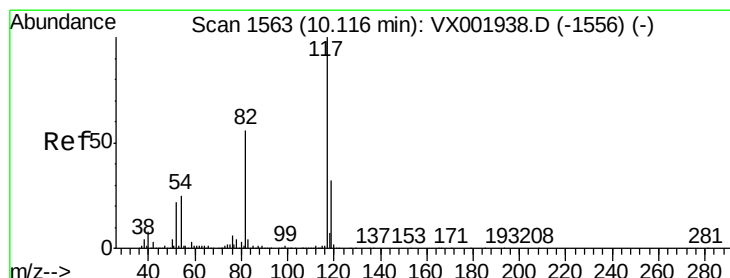
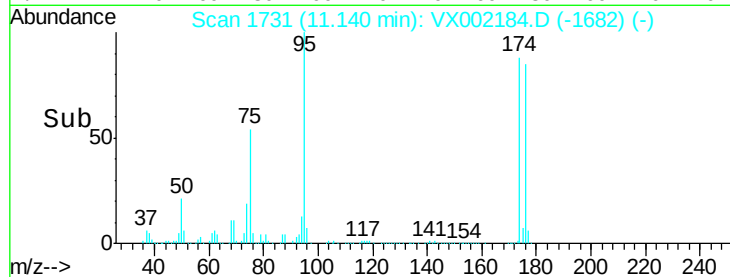
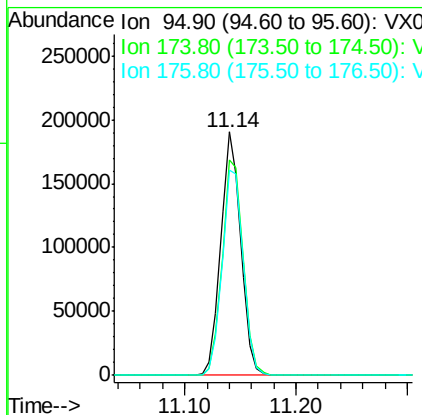
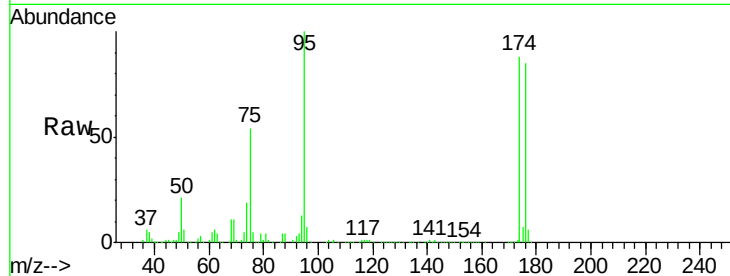




#62
4-Bromofluorobenzene
Concen: 40.580 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002184.D
Acq: 31 May 2018 18:20

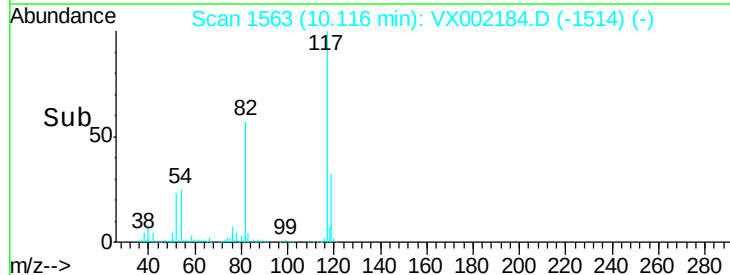
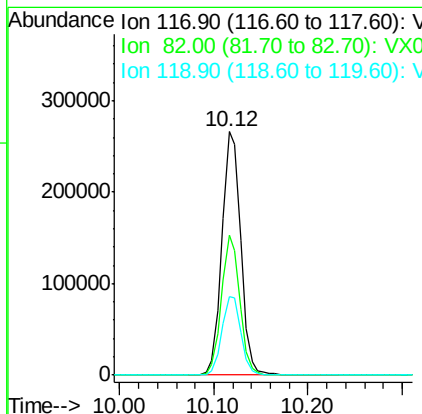
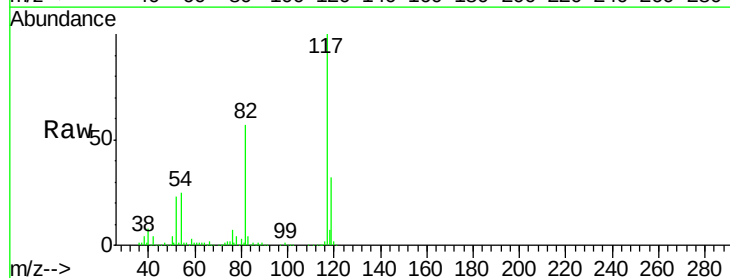
Instrument :
MSVOA_X
ClientSampleId :
Z3TB12-180523

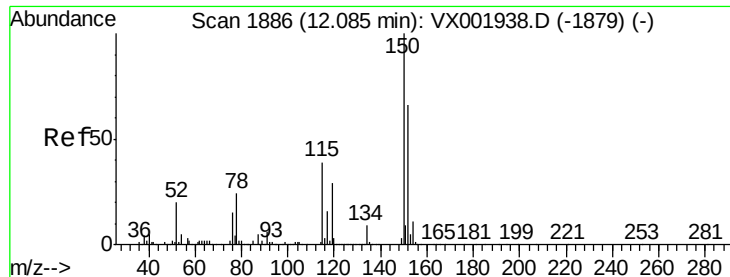
Tot Ion: 95 Resp: 236656
Ion Ratio Lower Upper
95 100
174 92.3 0.0 178.8
176 89.0 0.0 175.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002184.D
Acq: 31 May 2018 18:20

Tgt Ion: 117 Resp: 368954
Ion Ratio Lower Upper
117 100
82 57.4 44.8 67.2
119 32.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002184.D

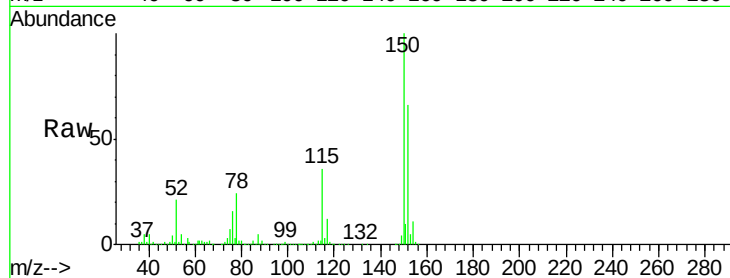
Acq: 31 May 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

Z3TB12-180523



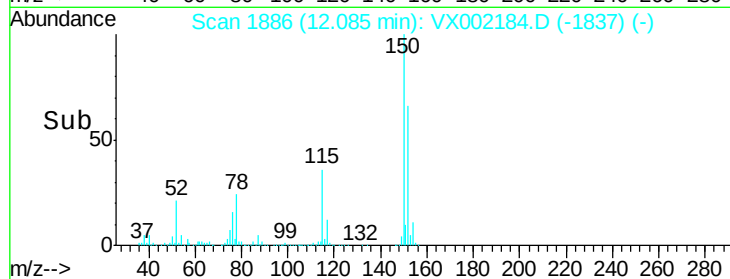
Tot Ion:152 Resp: 200355

Ion Ratio Lower Upper

152 100

115 55.9 42.3 126.8

150 153.7 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

