

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052918\
 Data File : VX002118.D
 Acq On : 30 May 2018 03:19
 Operator : JC/MD
 Sample : PB109720ZHE#12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109720ZHE#12

Quant Time: May 30 09:00:54 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

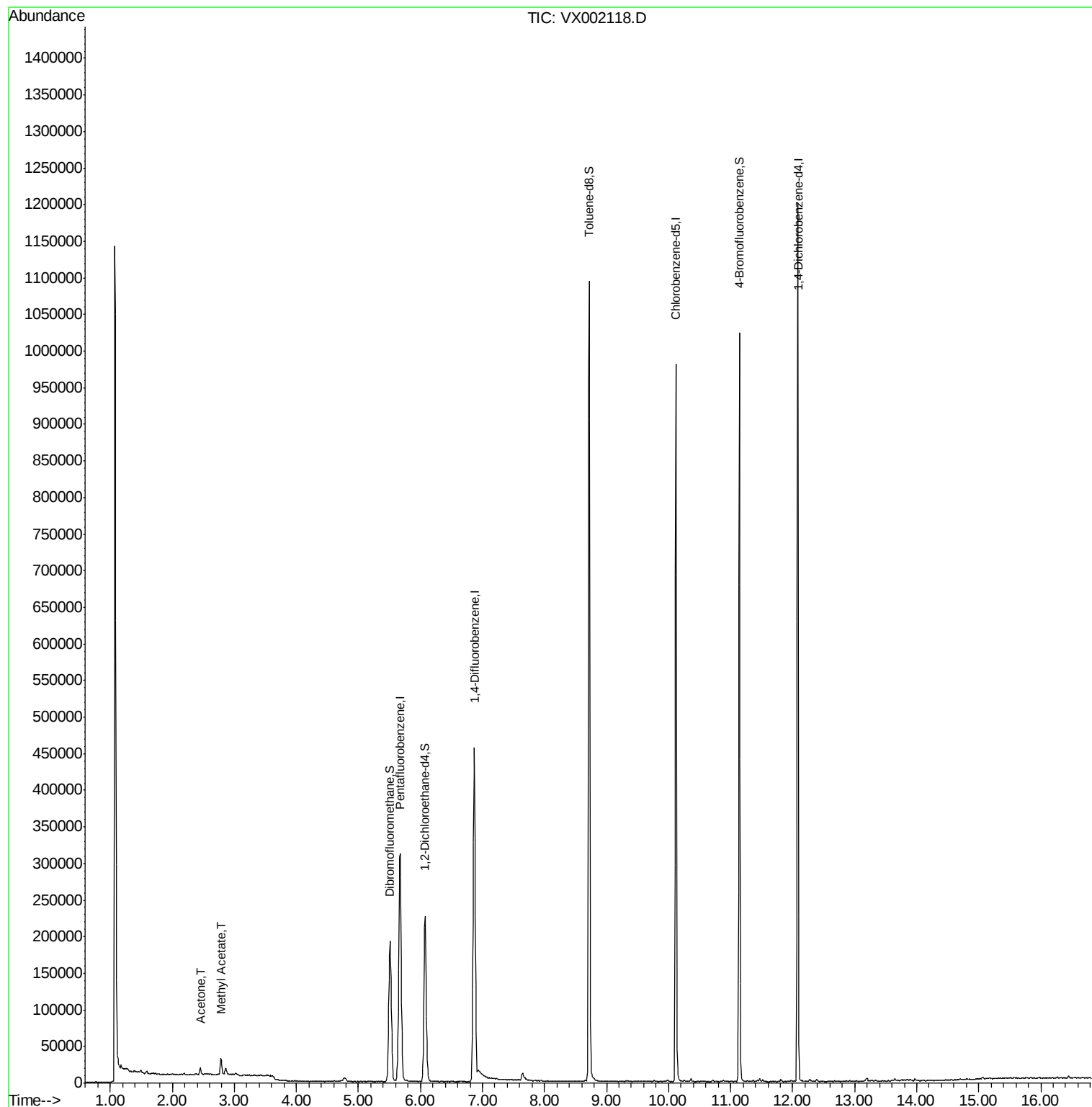
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	308705	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	446994	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	415995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	251934	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	215689	39.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.18%	
35) Dibromofluoromethane	5.51	113	158844	35.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.08%	
50) Toluene-d8	8.72	98	639973	39.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.10%	
62) 4-Bromofluorobenzene	11.14	95	246247	38.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.78%	
Target Compounds						
16) Acetone	2.45	43	10433	4.90	ug/l	98
18) Methyl Acetate	2.78	43	27093	4.24	ug/l	96

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

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QLast Update : Thu May 24 13:09:03 2018
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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: VX002118.D

Acq: 30 May 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

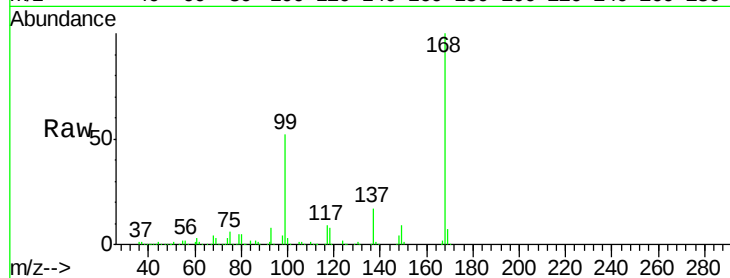
PB109720ZHE#12

Tot Ion:168 Resp: 308705

Ion Ratio Lower Upper

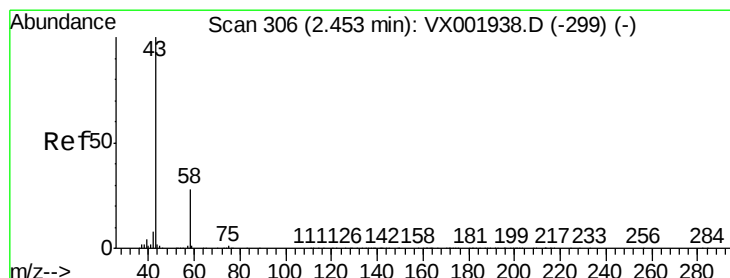
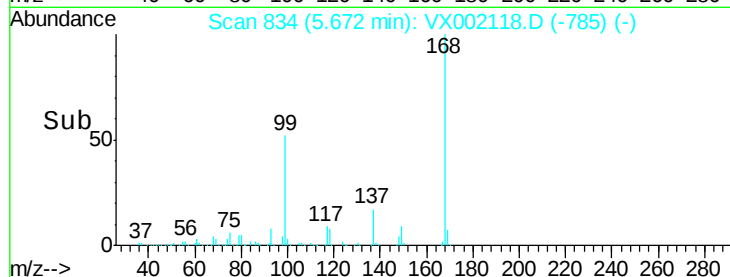
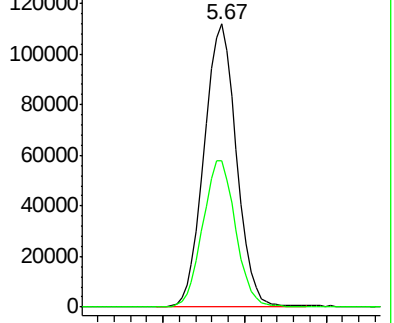
168 100

99 51.6 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: 4.90 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX002118.D

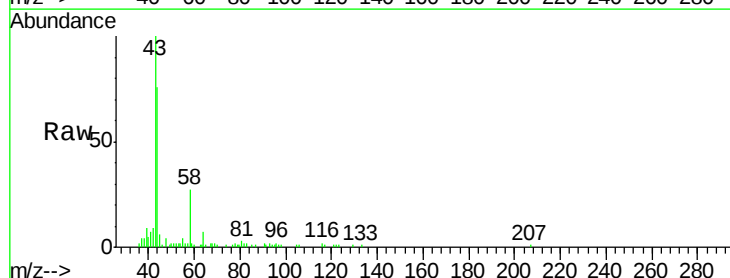
Acq: 30 May 2018 03:19

Tgt Ion: 43 Resp: 10433

Ion Ratio Lower Upper

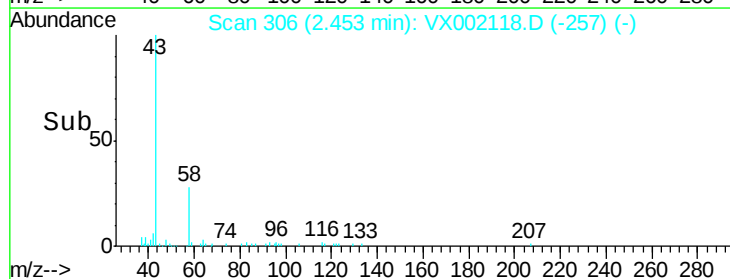
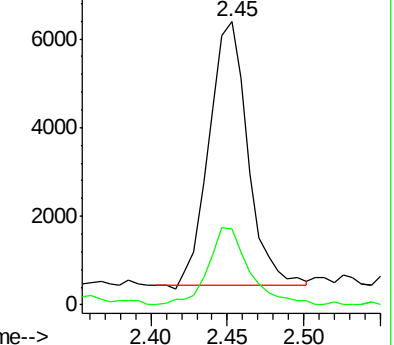
43 100

58 29.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

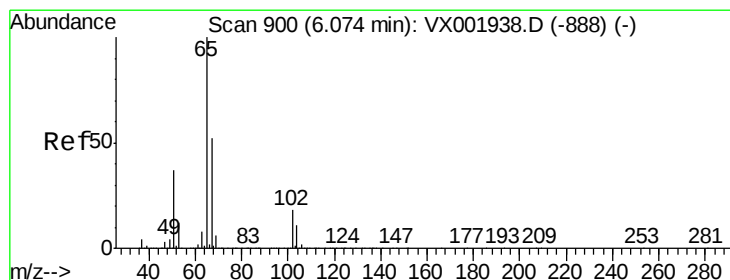
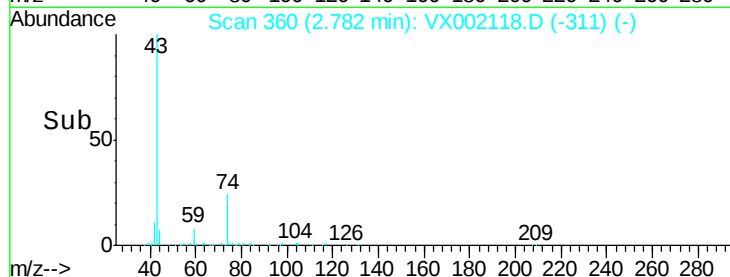
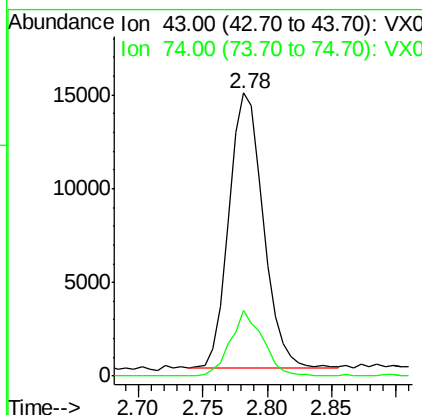
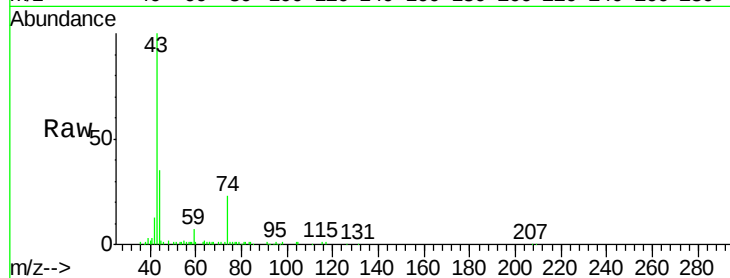




#18
Methvl Acetate
Concen: 4.24 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002118.D
Acq: 30 May 2018 03:19

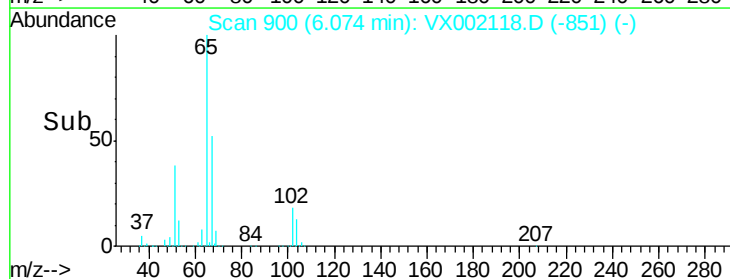
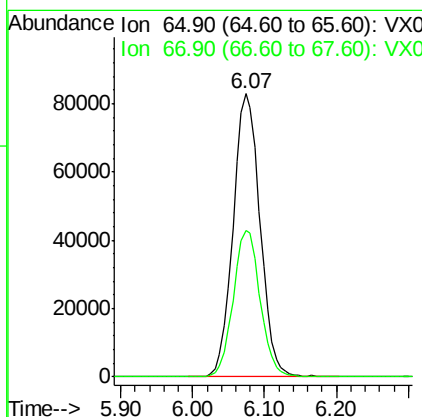
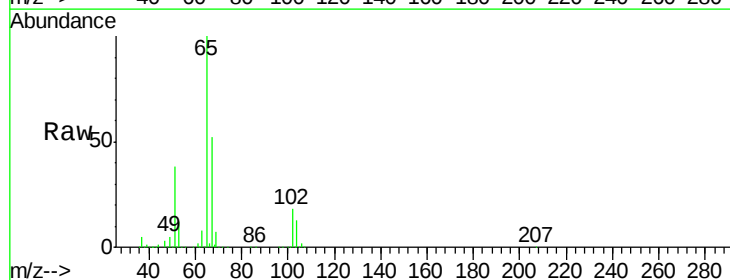
Instrument :
MSVOA_X
ClientSampleId :
PB109720ZHE#12

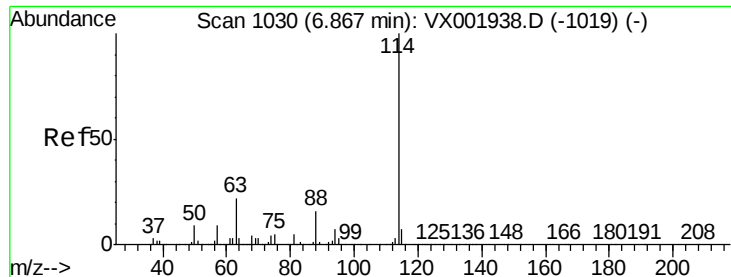
Tot Ion: 43 Resp: 27093
Ion Ratio Lower Upper
43 100
74 22.7 16.8 25.2



#33
1,2-Dichloroethane-d4
Concen: 39.09 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX002118.D
Acq: 30 May 2018 03:19

Tgt Ion: 65 Resp: 215689
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002118.D

Acq: 30 May 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

PB109720ZHE#12

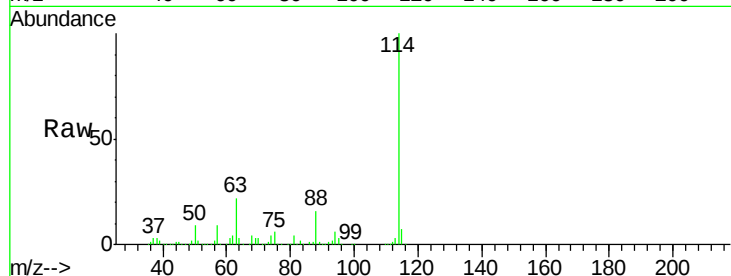
Tot Ion:114 Resp: 446994

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.2

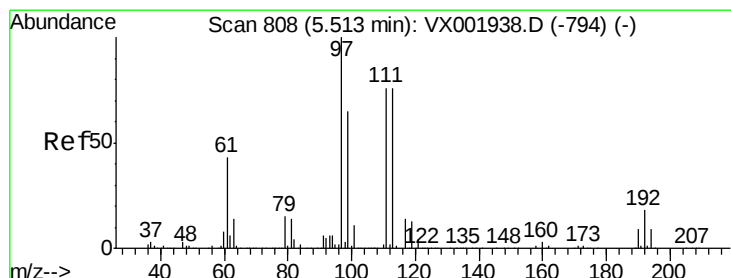
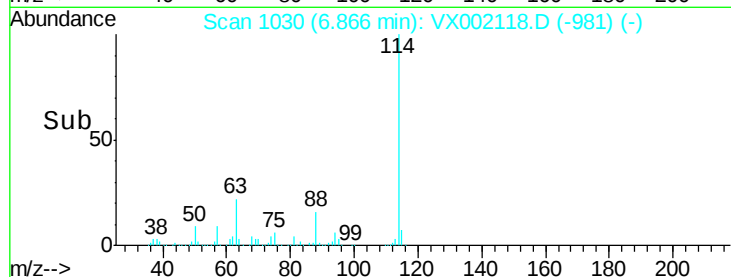
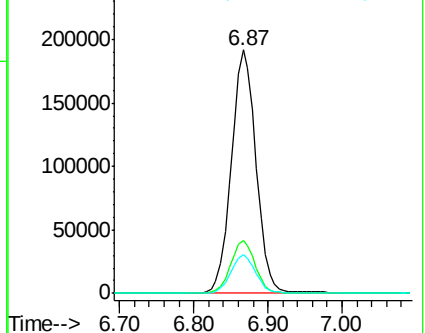
88 15.7 0.0 31.6



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: 35.54 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX002118.D

Acq: 30 May 2018 03:19

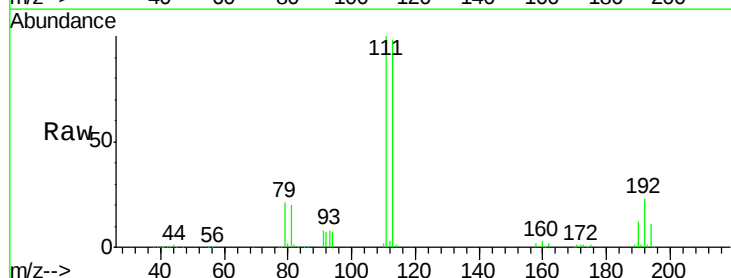
Tgt Ion:113 Resp: 158844

Ion Ratio Lower Upper

113 100

111 101.4 82.0 123.0

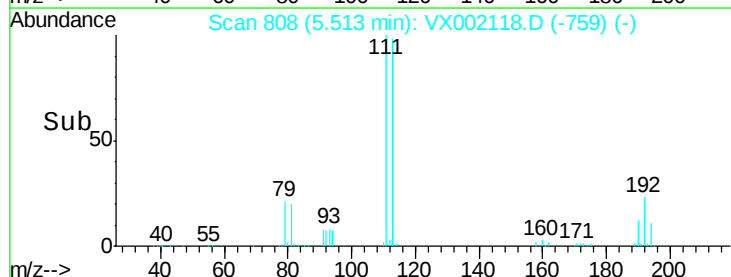
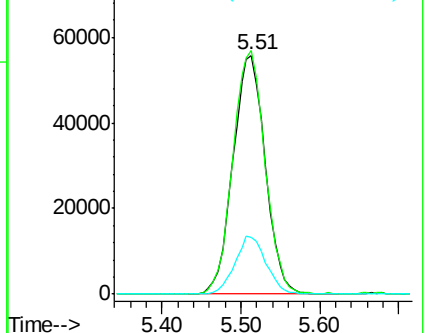
192 23.4 18.9 28.3

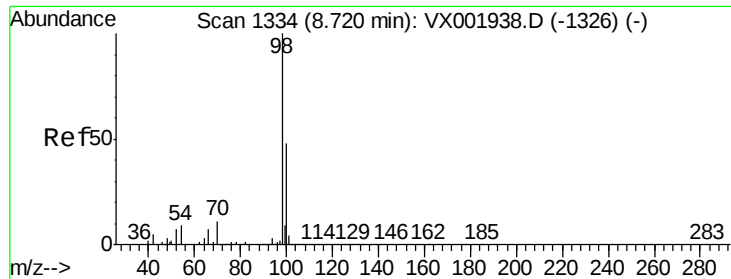


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 39.55 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002118.D

Acq: 30 May 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

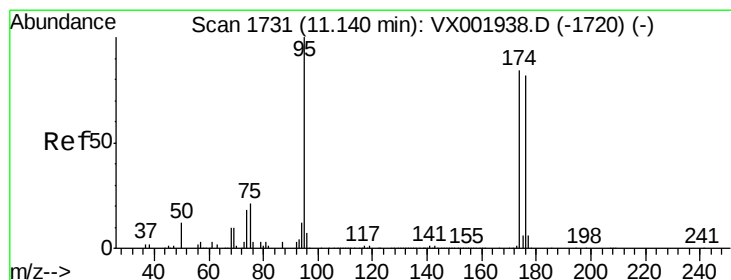
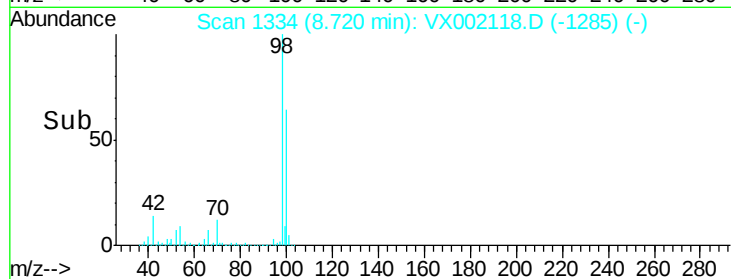
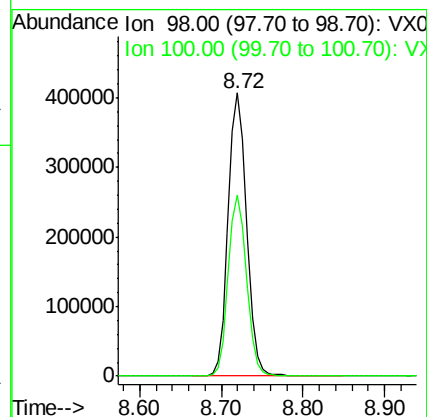
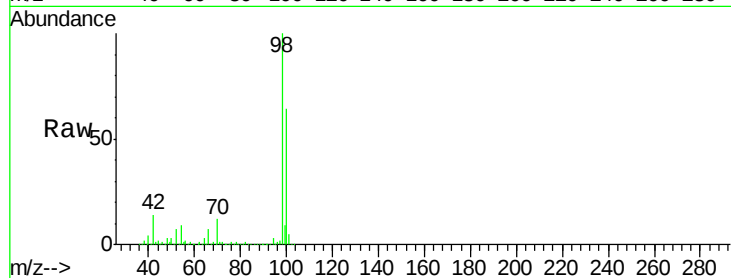
PB109720ZHE#12

Tot Ion: 98 Resp: 639973

Ion Ratio Lower Upper

98 100

100 63.4 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 38.89 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002118.D

Acq: 30 May 2018 03:19

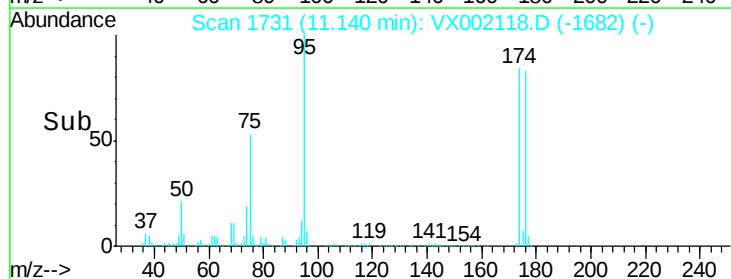
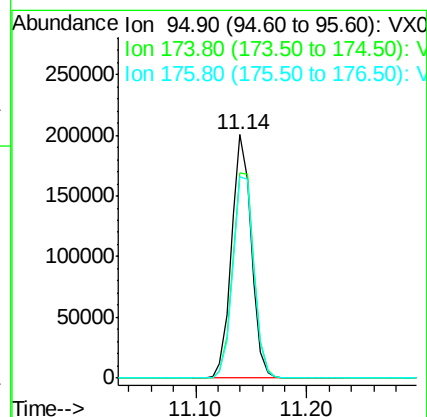
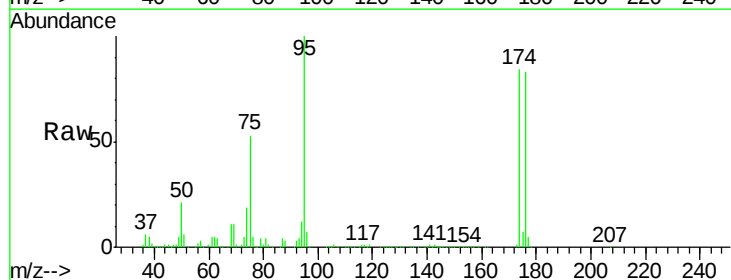
Tgt Ion: 95 Resp: 246247

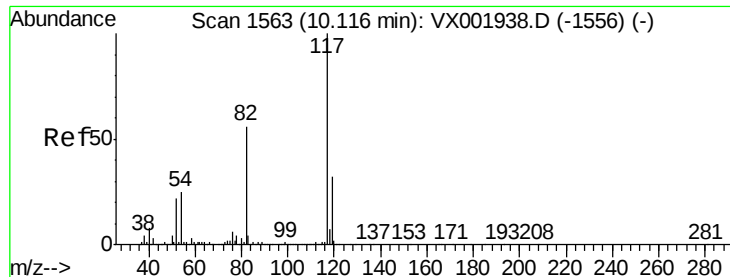
Ion Ratio Lower Upper

95 100

174 90.6 0.0 178.8

176 88.0 0.0 175.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002118.D

Acq: 30 May 2018 03:19

Instrument :

MSVOA_X

ClientSampleId :

PB109720ZHE#12

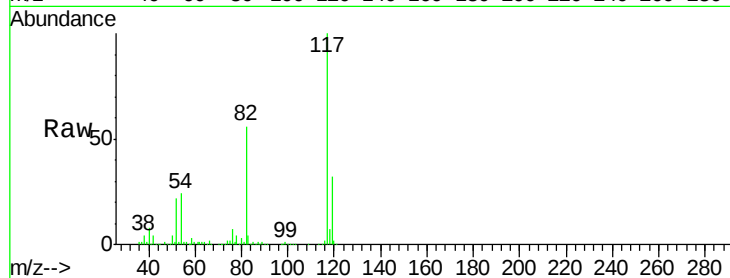
Tot Ion:117 Resp: 415995

Ion Ratio Lower Upper

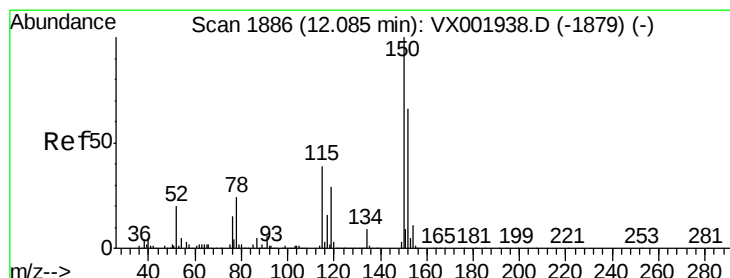
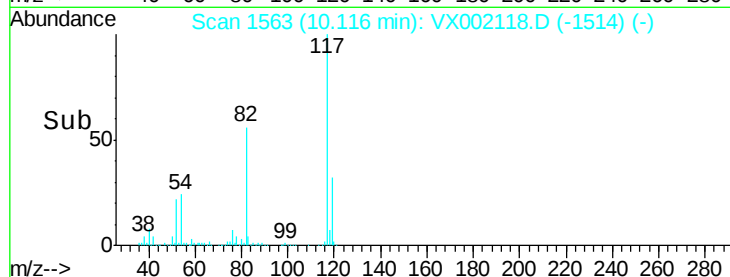
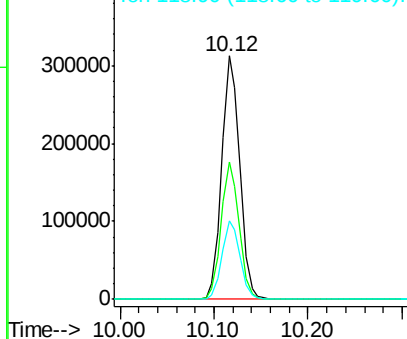
117 100

82 56.3 44.8 67.2

119 32.3 25.5 38.3



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002118.D

Acq: 30 May 2018 03:19

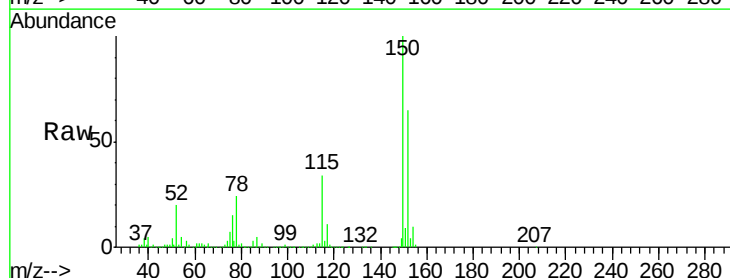
Tgt Ion:152 Resp: 251934

Ion Ratio Lower Upper

152 100

115 55.2 42.3 126.8

150 156.3 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

