

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051218\
 Data File : VX001690.D
 Acq On : 13 May 2018 02:01
 Operator : JC/MD
 Sample : PB109200ZHE#06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#06

Quant Time: May 14 07:47:02 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

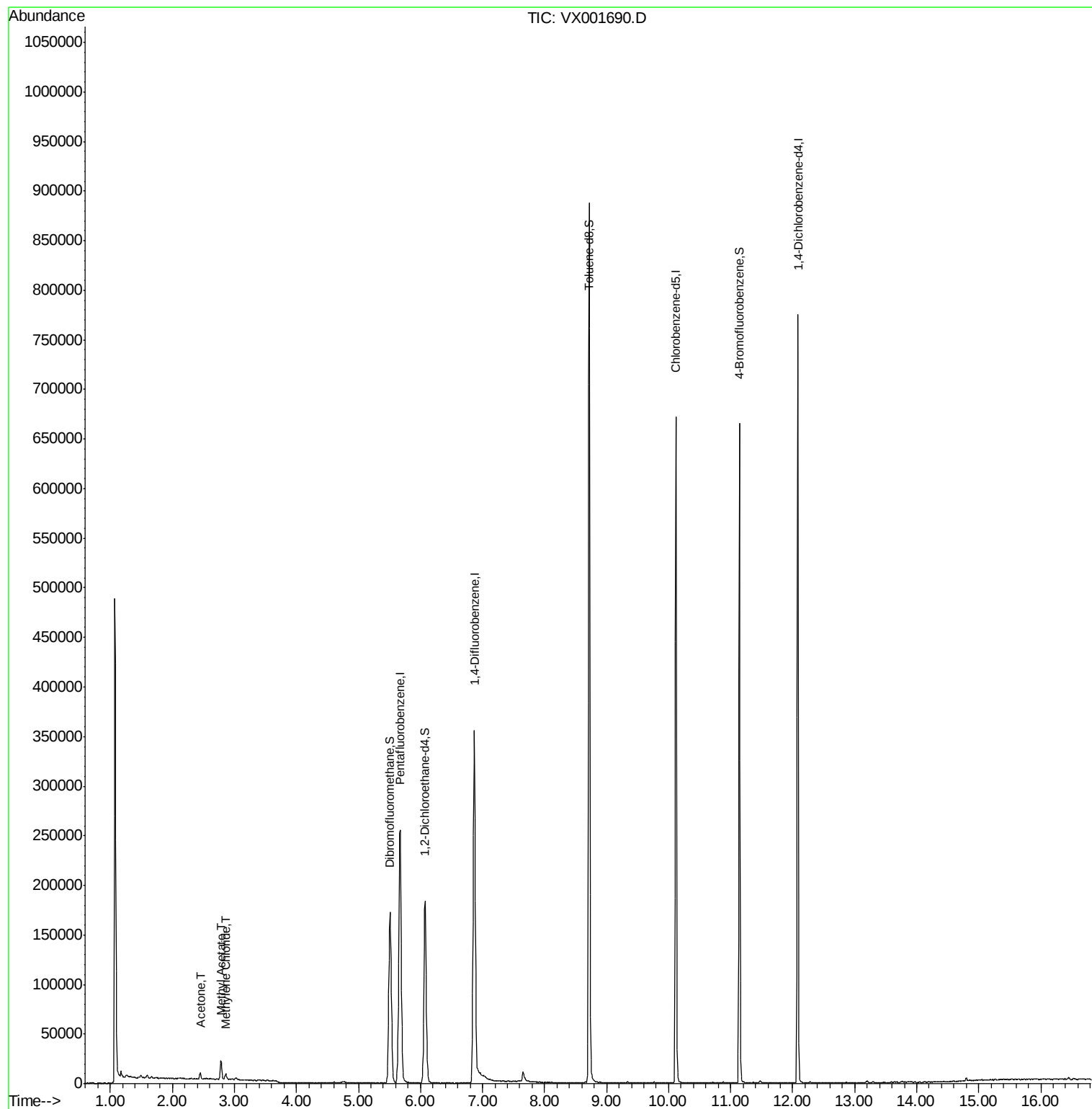
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	270035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	368846	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	321216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174991	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	177642	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.54%	
35) Dibromofluoromethane	5.51	113	143477	43.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.46%	
50) Toluene-d8	8.72	98	507958	42.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.84%	
62) 4-Bromofluorobenzene	11.14	95	160602	34.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.86%	
Target Compounds						
16) Acetone	2.45	43	7018	3.98	ug/l	98
18) Methyl Acetate	2.78	43	23545	5.08	ug/l	100
20) Methylene Chloride	2.87	84	2475	0.71	ug/l #	91

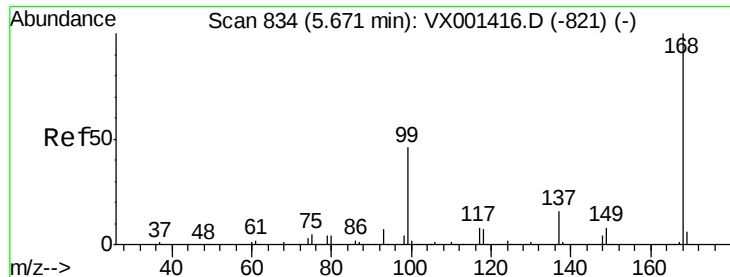
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001690.D

Acq: 13 May 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

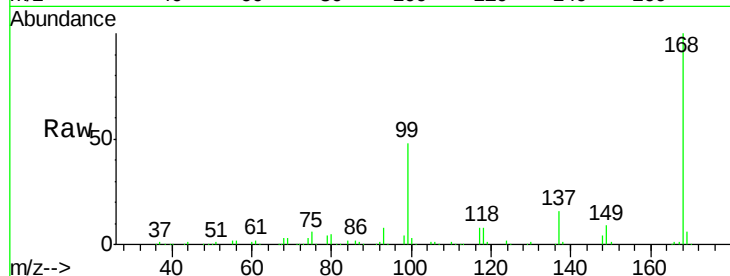
PB109200ZHE#06

Tot Ion:168 Resp: 270035

Ion Ratio Lower Upper

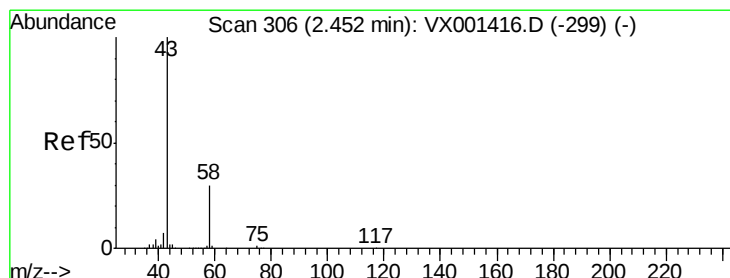
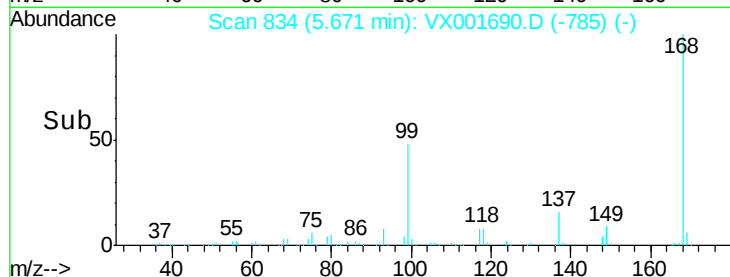
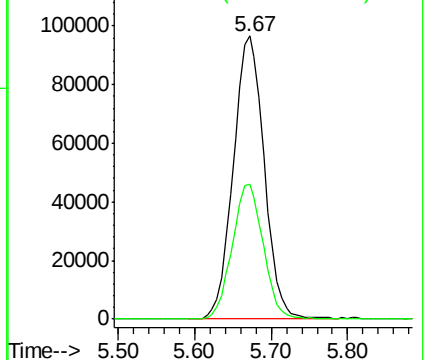
168 100

99 47.8 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.98 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001690.D

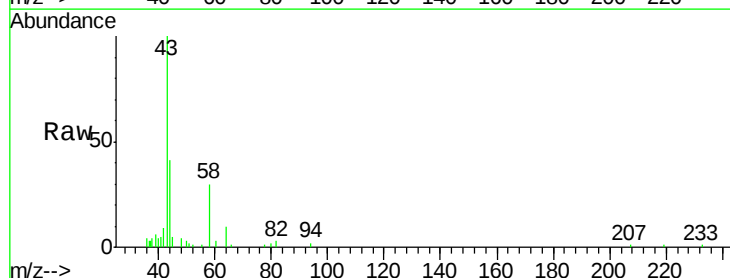
Acq: 13 May 2018 02:01

Tgt Ion: 43 Resp: 7018

Ion Ratio Lower Upper

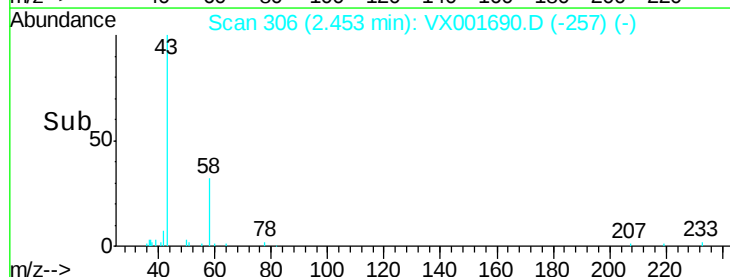
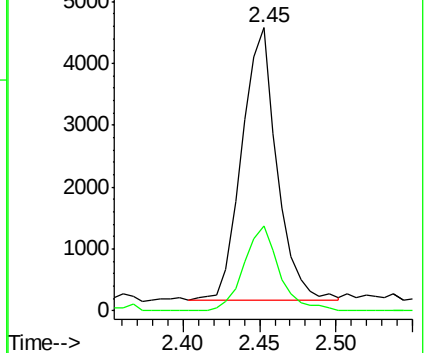
43 100

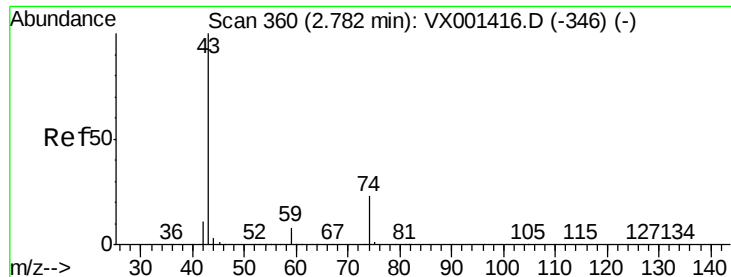
58 31.1 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

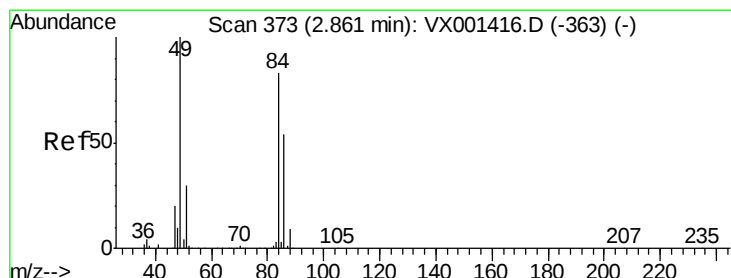
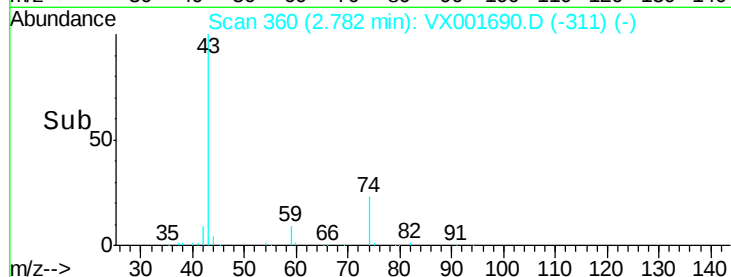
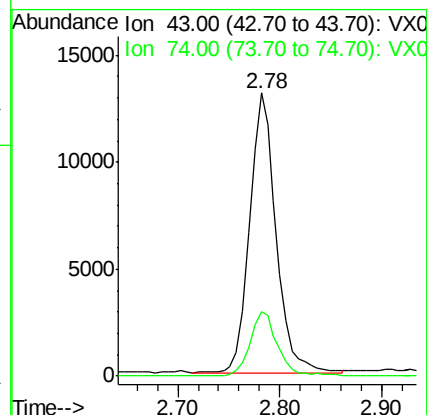
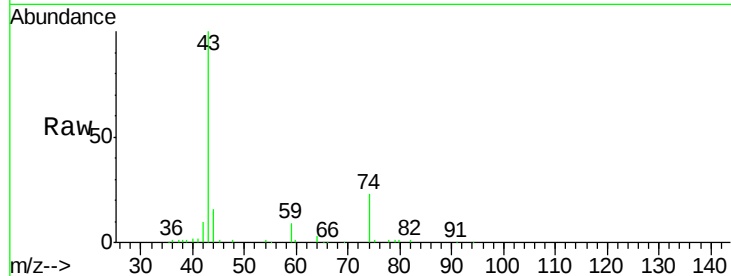




#18
Methvl Acetate
Concen: 5.08 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001690.D
Acq: 13 May 2018 02:01

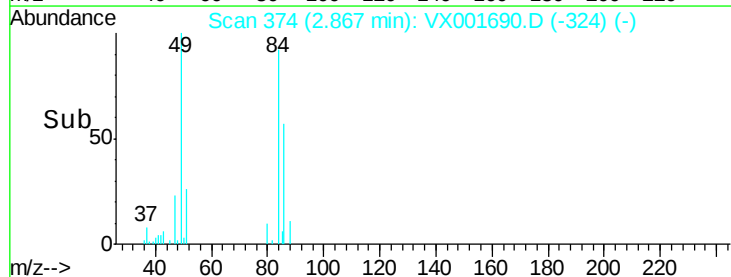
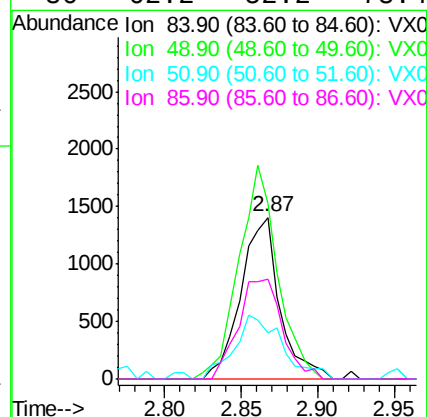
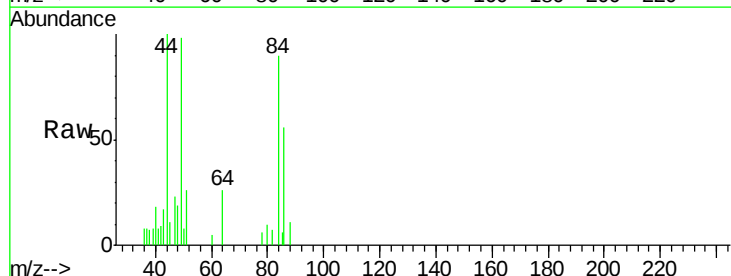
Instrument :
MSVOA_X
ClientSampleId :
PB109200ZHE#06

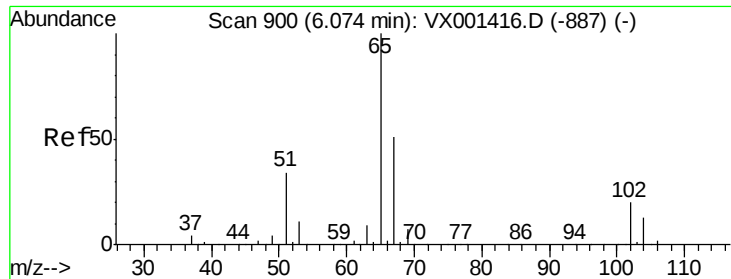
Tot Ion: 43 Resp: 23545
Ion Ratio Lower Upper
43 100
74 23.4 18.6 27.8



#20
Methylene Chloride
Concen: 0.71 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX001690.D
Acq: 13 May 2018 02:01

Tgt Ion: 84 Resp: 2475
Ion Ratio Lower Upper
84 100
49 108.6 96.6 144.8
51 28.7 29.0 43.4#
86 62.2 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 45.77 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001690.D

Acq: 13 May 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

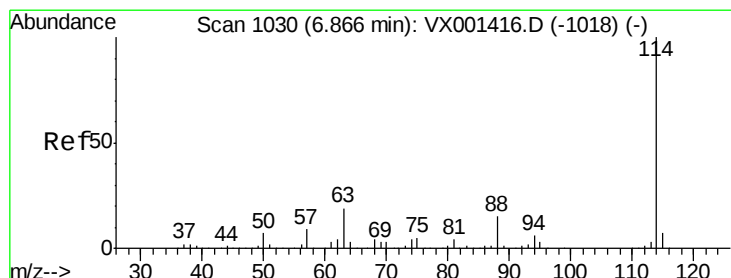
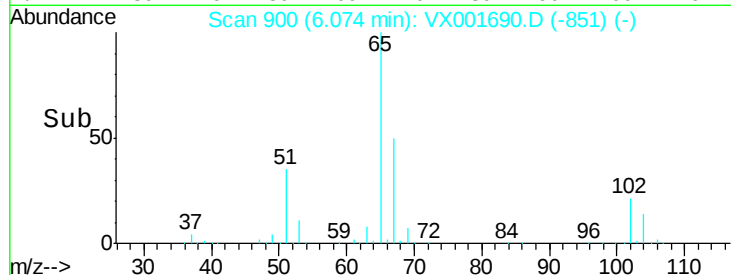
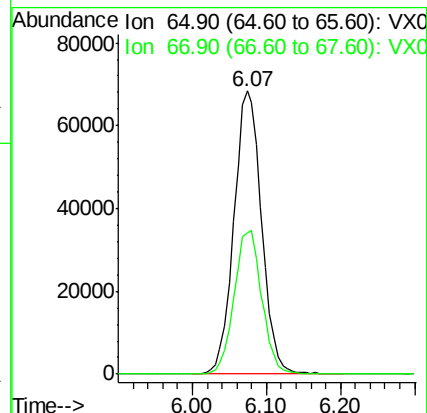
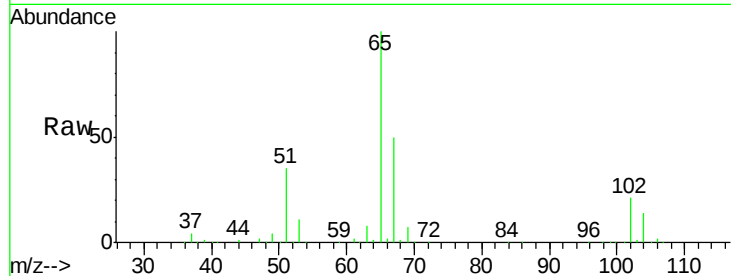
PB109200ZHE#06

Tot Ion: 65 Resp: 177642

Ion Ratio Lower Upper

65 100

67 51.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001690.D

Acq: 13 May 2018 02:01

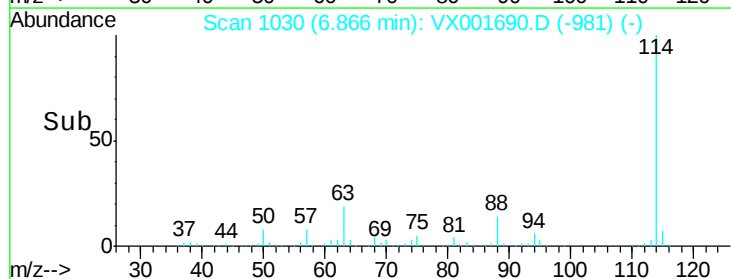
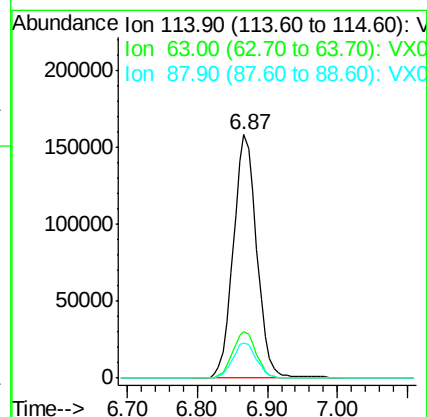
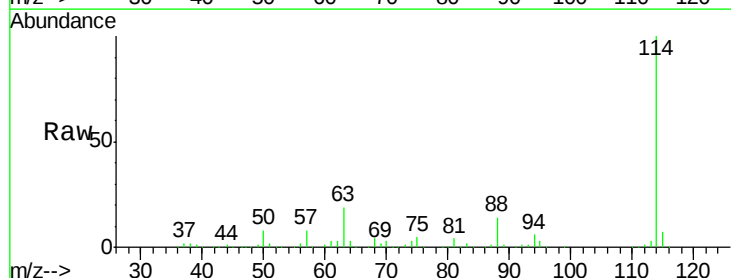
Tgt Ion: 114 Resp: 368846

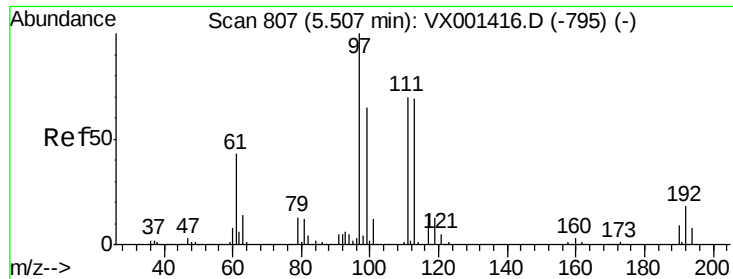
Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

88 14.4 0.0 30.8

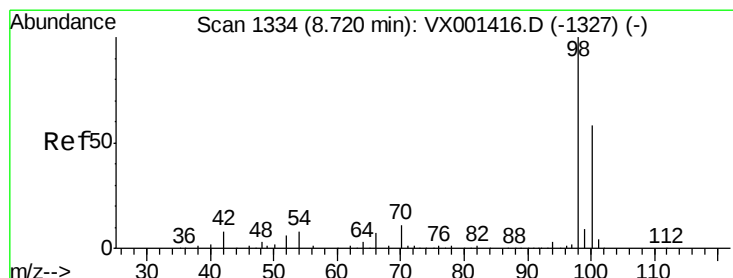
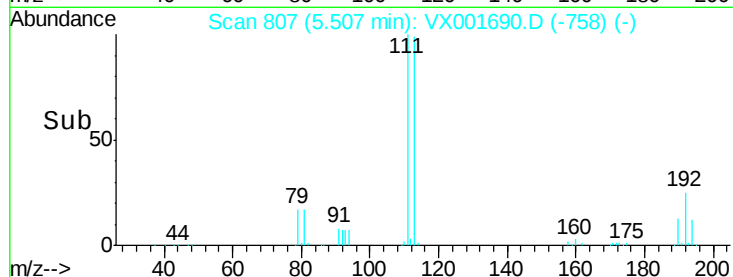
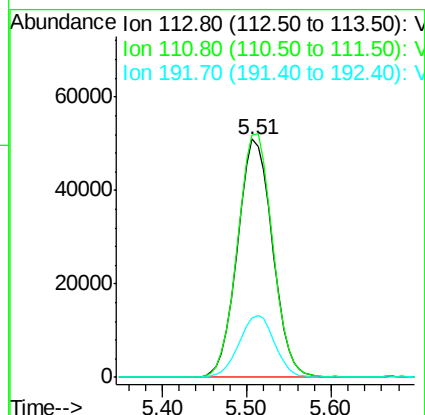
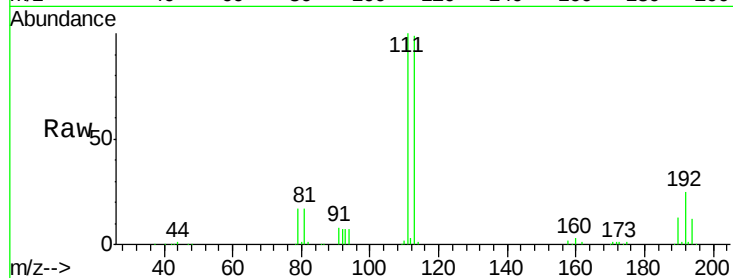




#35
 Dibromofluoromethane
 Concen: 43.73 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001690.D
 Acq: 13 May 2018 02:01

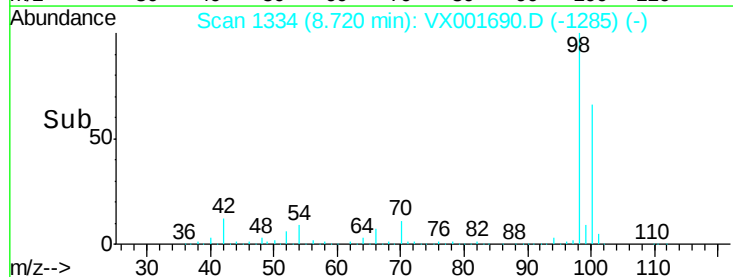
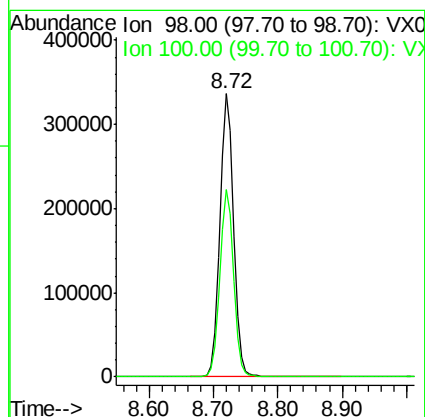
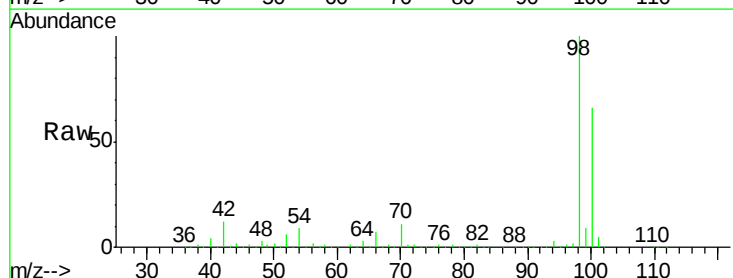
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#06

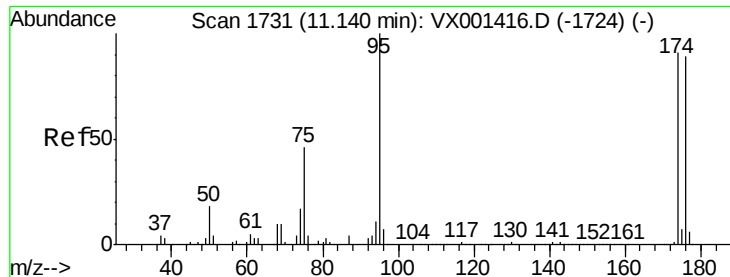
Tot Ion:113 Resp: 143477
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.2 123.2
 192 26.3 21.4 32.0



#50
 Toluene-d8
 Concen: 42.42 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001690.D
 Acq: 13 May 2018 02:01

Tgt Ion: 98 Resp: 507958
 Ion Ratio Lower Upper
 98 100
 100 66.3 54.0 81.0

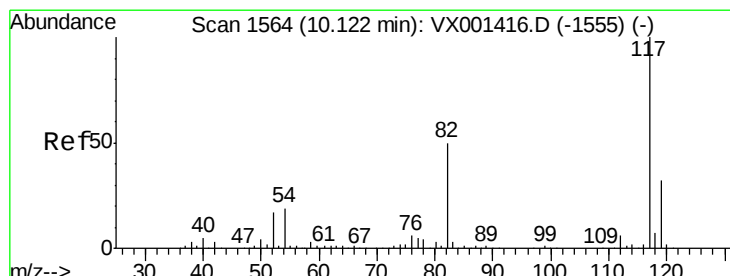
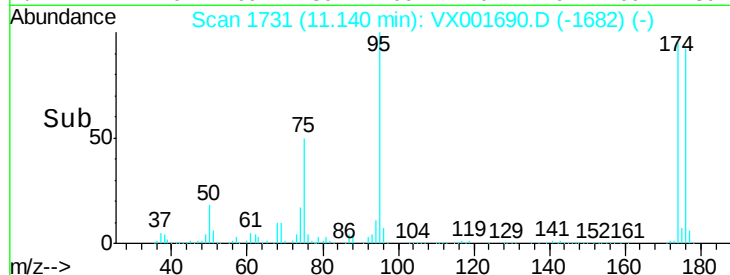
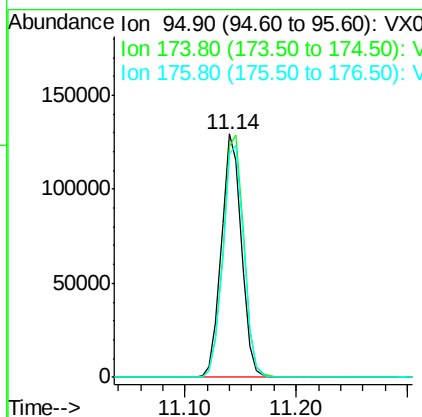
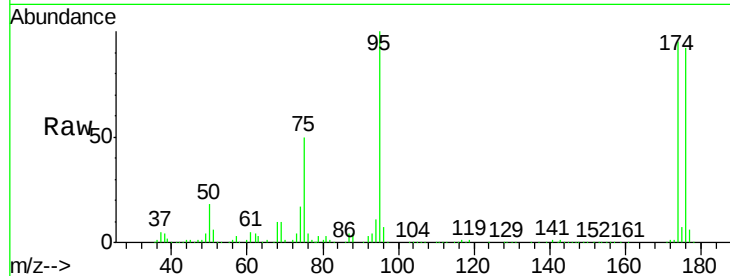




#62
4-Bromofluorobenzene
Concen: 34.93 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001690.D
Acq: 13 May 2018 02:01

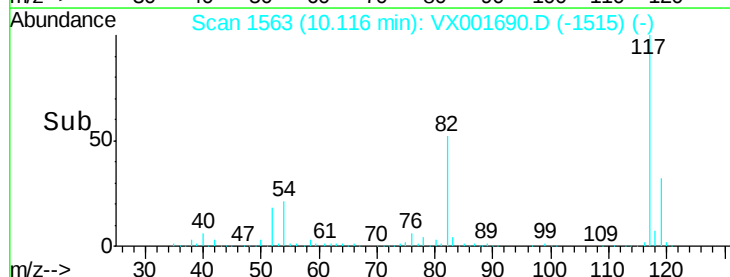
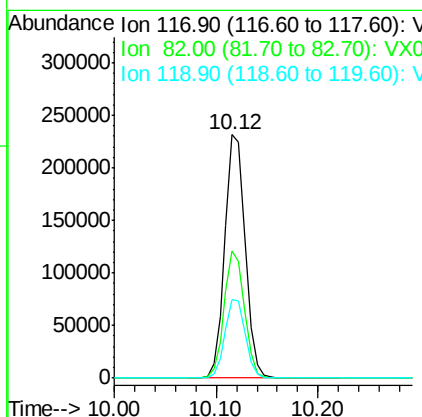
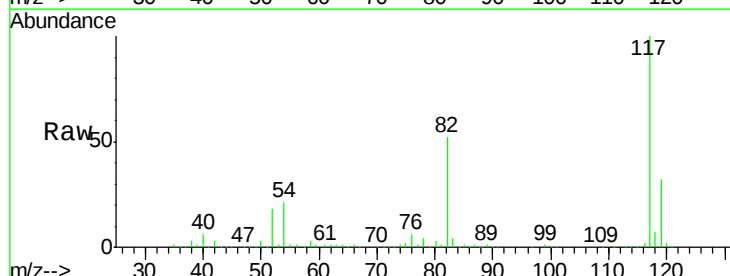
Instrument :
MSVOA_X
ClientSampleId :
PB109200ZHE#06

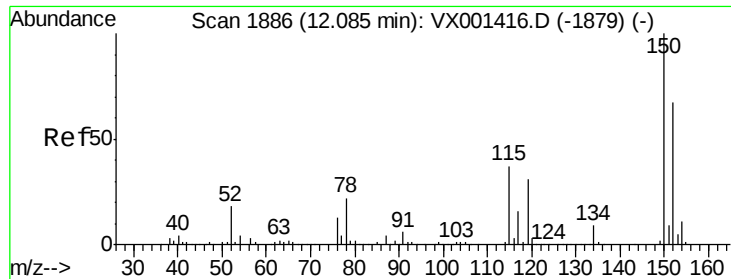
Tot Ion: 95 Resp: 160602
Ion Ratio Lower Upper
95 100
174 103.2 0.0 202.0
176 99.6 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001690.D
Acq: 13 May 2018 02:01

Tgt Ion: 117 Resp: 321216
Ion Ratio Lower Upper
117 100
82 52.2 40.0 60.0
119 32.5 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001690.D

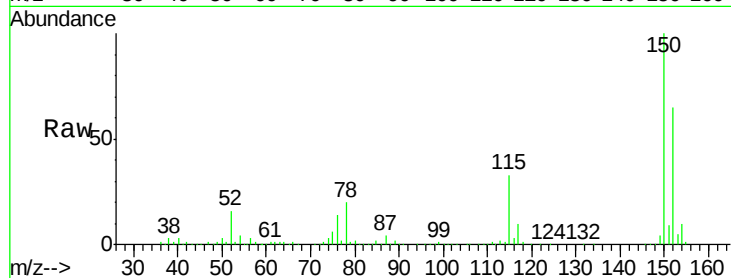
Acq: 13 May 2018 02:01

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#06



Tot Ion:152 Resp: 174991

Ion Ratio Lower Upper

152 100

115 52.2 37.7 113.1

150 155.9 0.0 349.4

