

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051218\
 Data File : VX001684.D
 Acq On : 12 May 2018 23:21
 Operator : JC/MD
 Sample : PB109200TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200TB

Quant Time: May 14 07:29:03 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

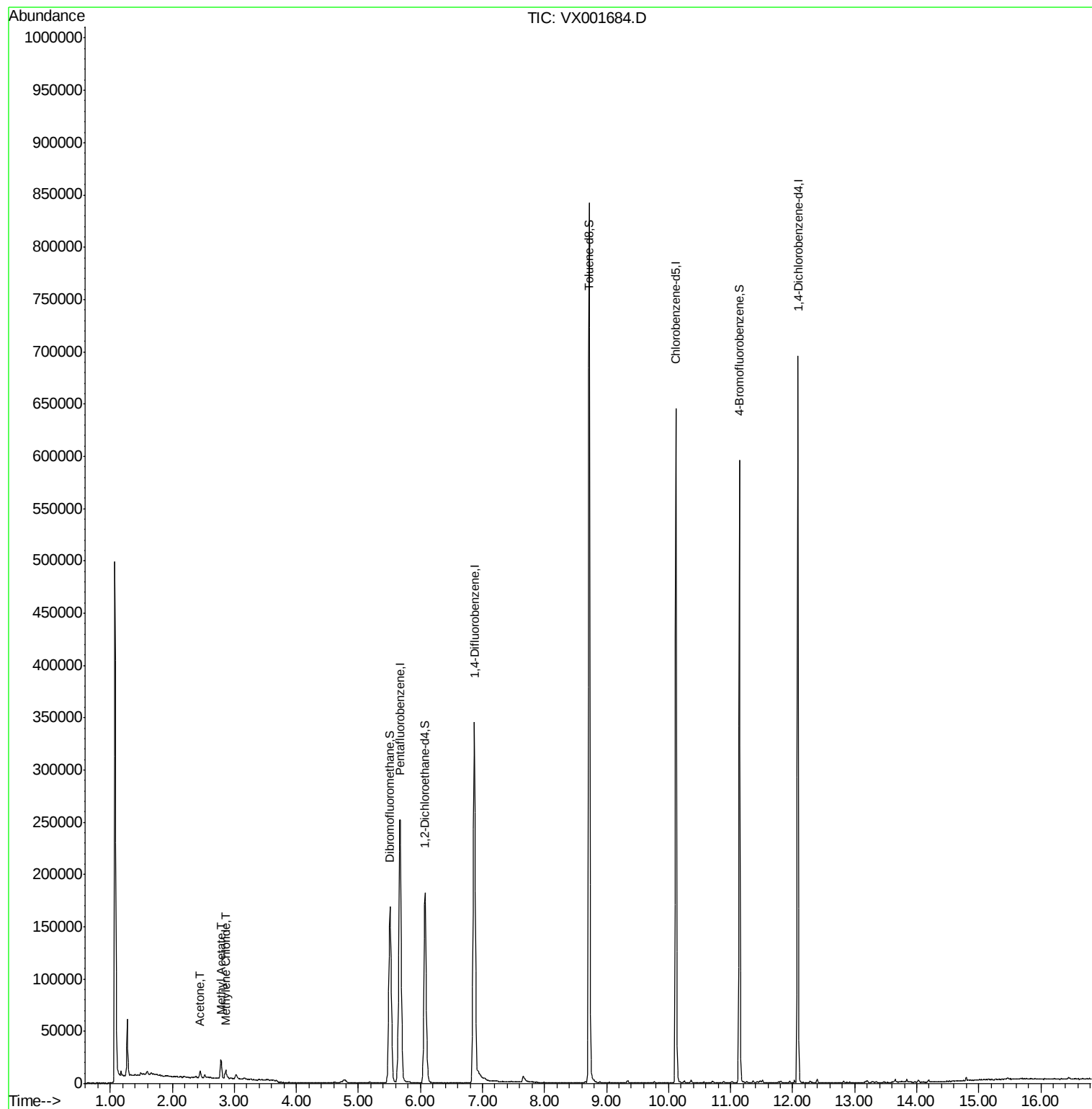
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	267656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	359042	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	302083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	151064	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	174258	45.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.60%	
35) Dibromofluoromethane	5.51	113	138635	43.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.82%	
50) Toluene-d8	8.72	98	492085	42.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.42%	
62) 4-Bromofluorobenzene	11.14	95	148470	33.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.36%	
Target Compounds						
16) Acetone	2.45	43	7189	4.12	ug/l	93
18) Methyl Acetate	2.78	43	21560	4.70	ug/l	100
20) Methylene Chloride	2.86	84	3687	1.07	ug/l	94

(#) = 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

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Instrument :

MSVOA_X

ClientSampleId :

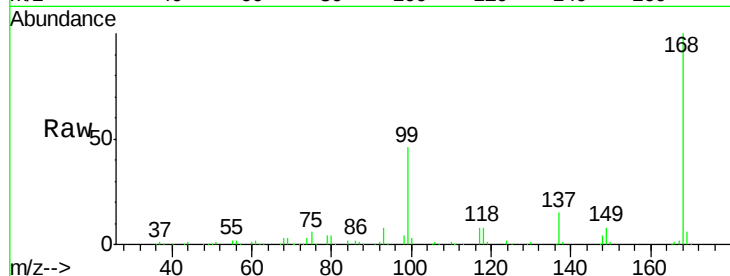
PB109200TB

Tot Ion:168 Resp: 267656

Ion Ratio Lower Upper

168 100

99 46.0 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

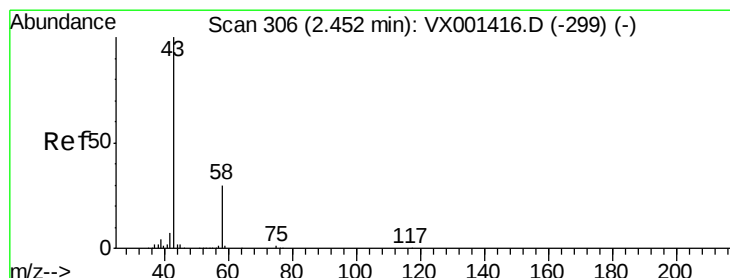
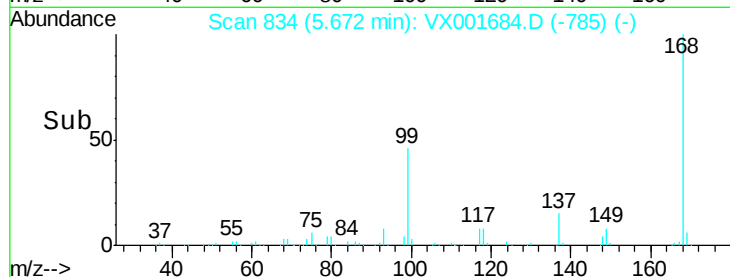
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.12 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001684.D

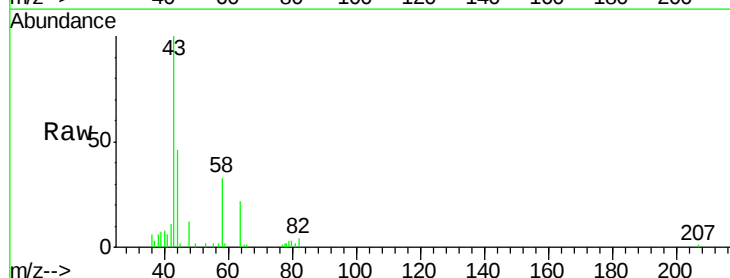
Acq: 12 May 2018 23:21

Tgt Ion: 43 Resp: 7189

Ion Ratio Lower Upper

43 100

58 33.3 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

4000

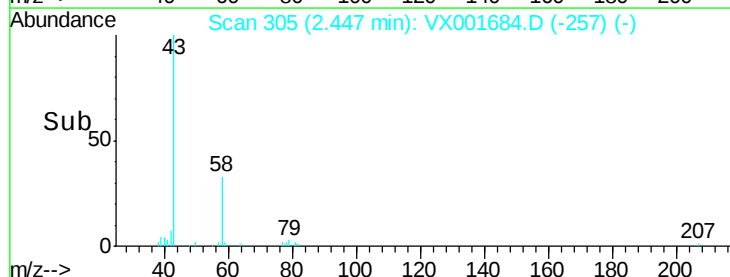
3000

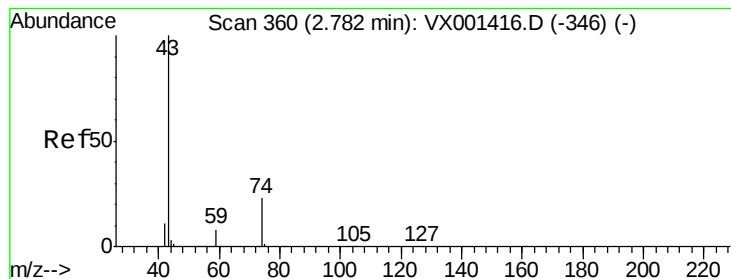
2000

1000

0

Time--> 2.40 2.45 2.50 2.55





#18

Methvl Acetate

Concen: 4.70 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001684.D

Acq: 12 May 2018 23:21

Instrument :

MSVOA_X

ClientSampled :

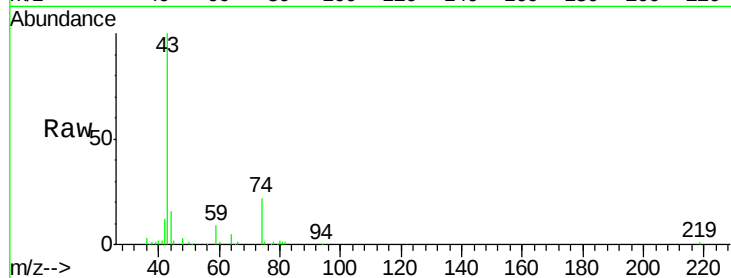
PB109200TB

Tot Ion: 43 Resp: 21560

Ion Ratio Lower Upper

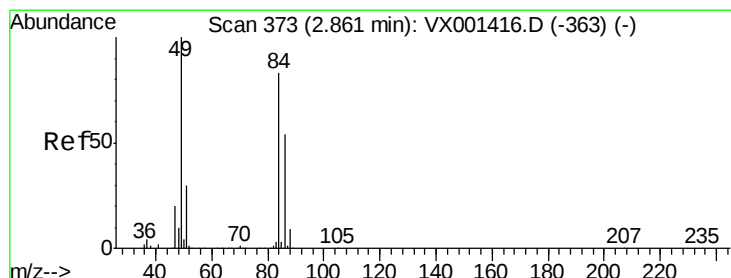
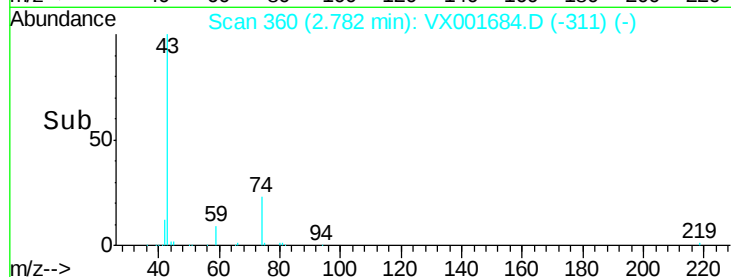
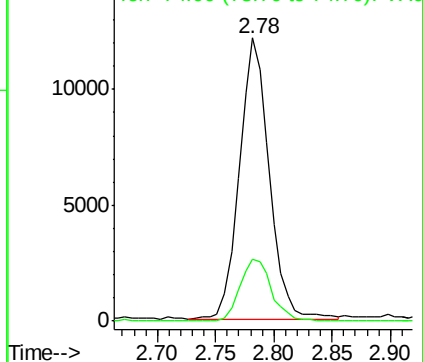
43 100

74 23.2 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 1.07 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001684.D

Acq: 12 May 2018 23:21

Tgt Ion: 84 Resp: 3687

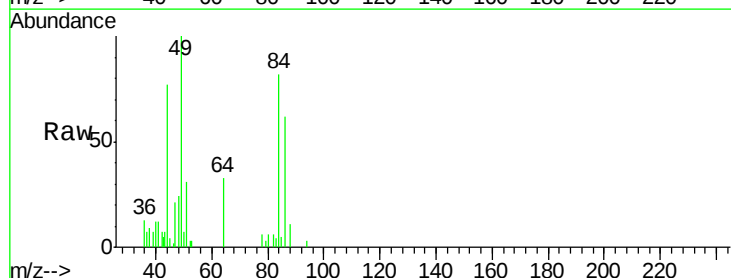
Ion Ratio Lower Upper

84 100

49 118.6 96.6 144.8

51 32.9 29.0 43.4

86 75.8 52.2 78.4

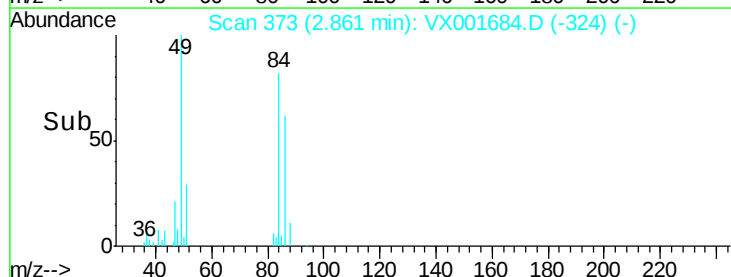
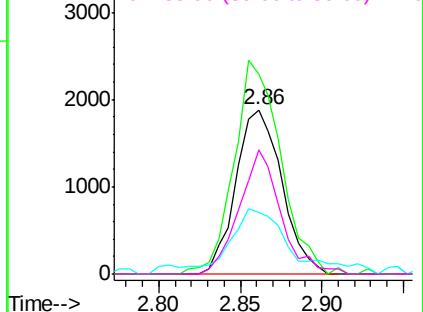


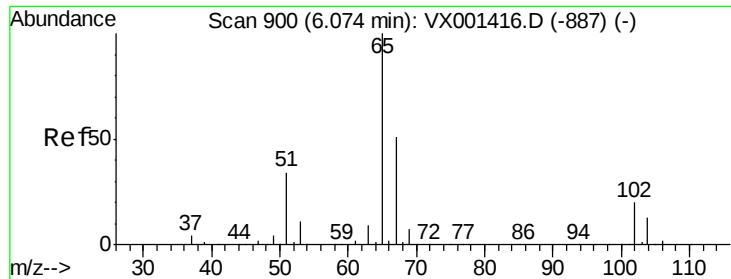
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.30 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001684.D

Acq: 12 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

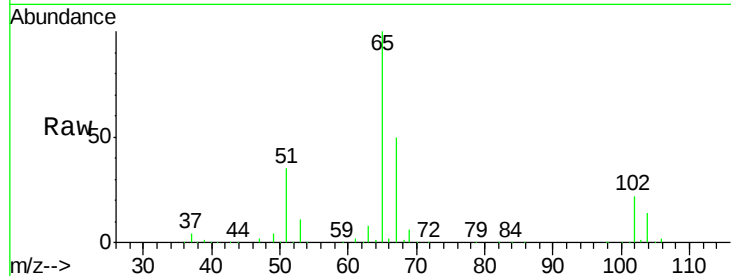
PB109200TB

Tot Ion: 65 Resp: 174258

Ion Ratio Lower Upper

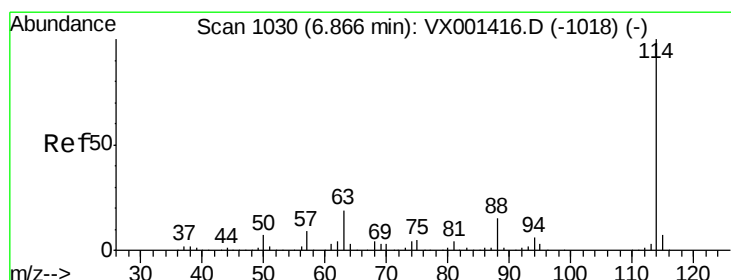
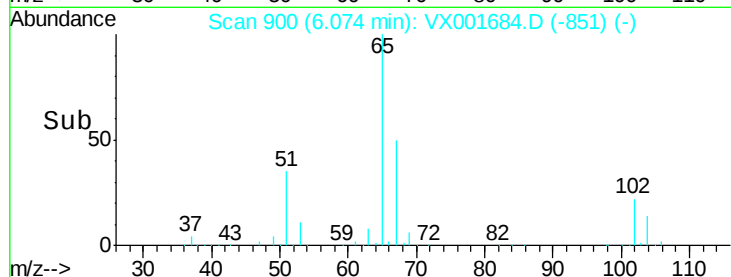
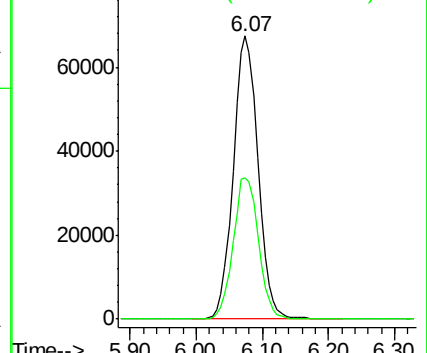
65 100

67 51.3 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001684.D

Acq: 12 May 2018 23:21

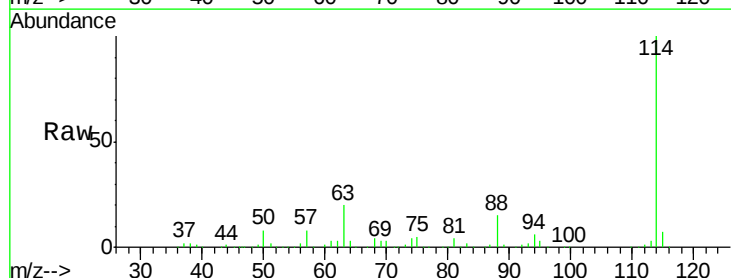
Tgt Ion: 114 Resp: 359042

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.6

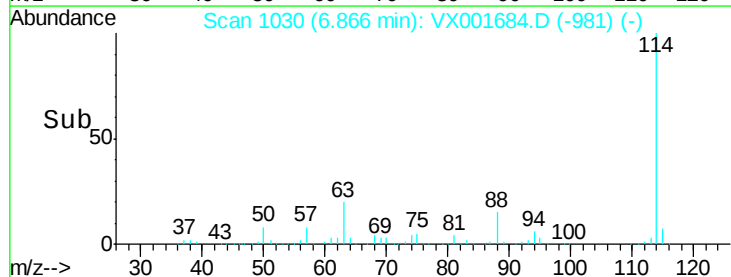
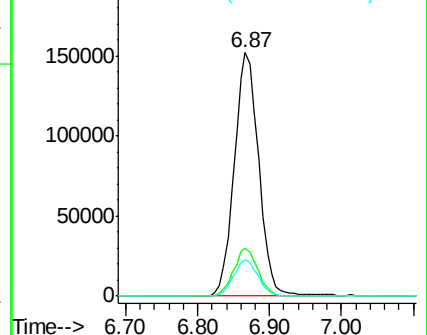
88 15.1 0.0 30.8

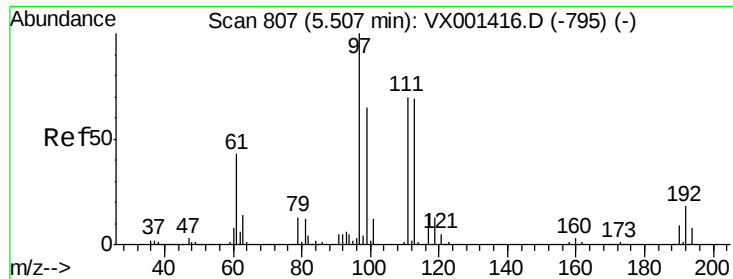


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

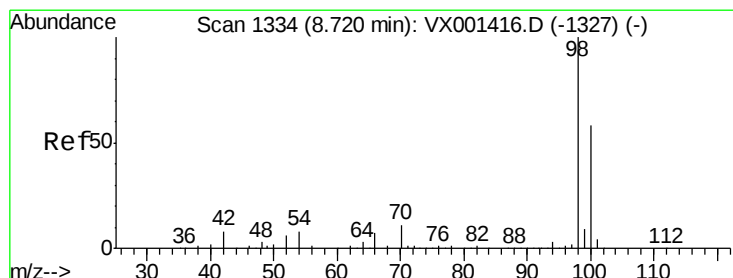
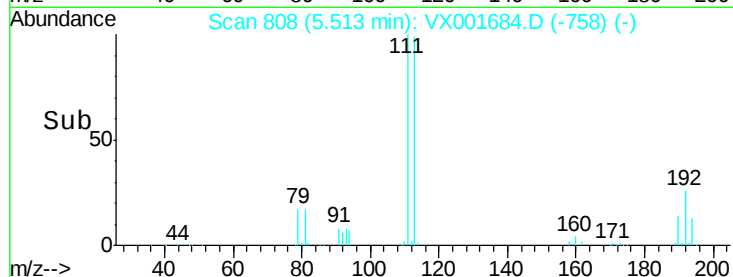
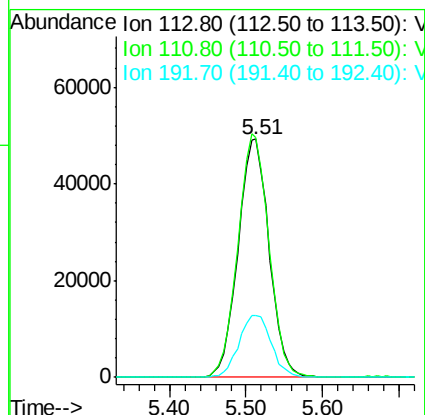
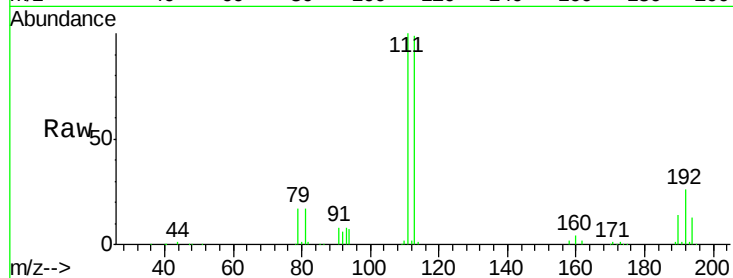




#35
 Dibromofluoromethane
 Concen: 43.41 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001684.D
 Acq: 12 May 2018 23:21

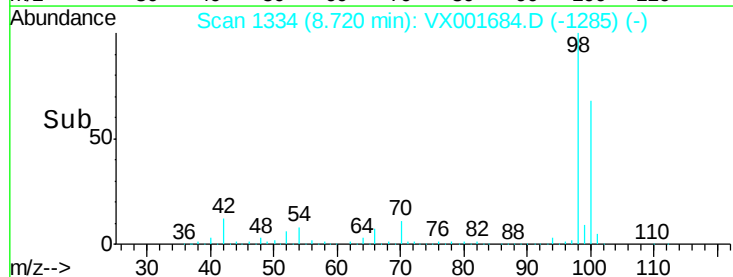
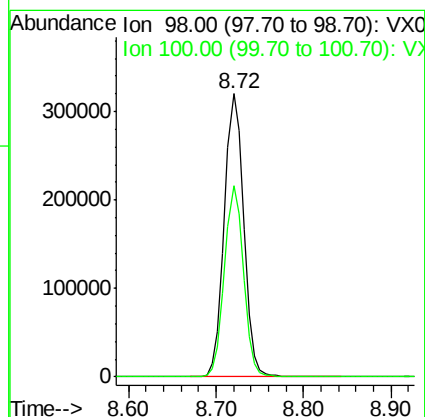
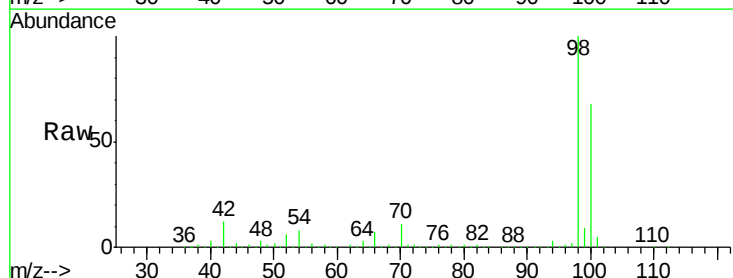
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200TB

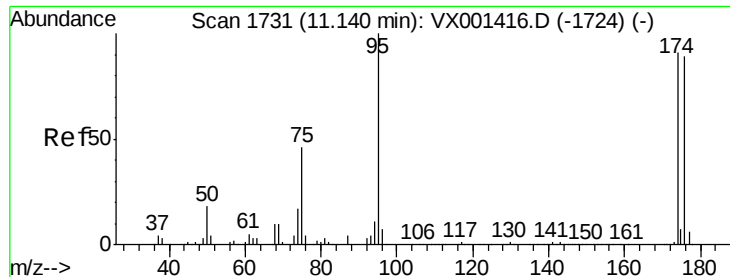
Tot Ion:113 Resp: 138635
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.2
 192 27.2 21.4 32.0



#50
 Toluene-d8
 Concen: 42.21 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001684.D
 Acq: 12 May 2018 23:21

Tgt Ion: 98 Resp: 492085
 Ion Ratio Lower Upper
 98 100
 100 66.5 54.0 81.0

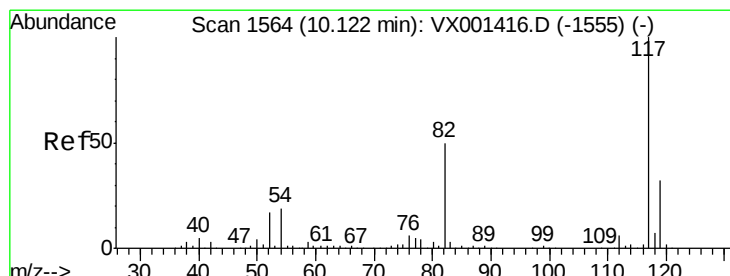
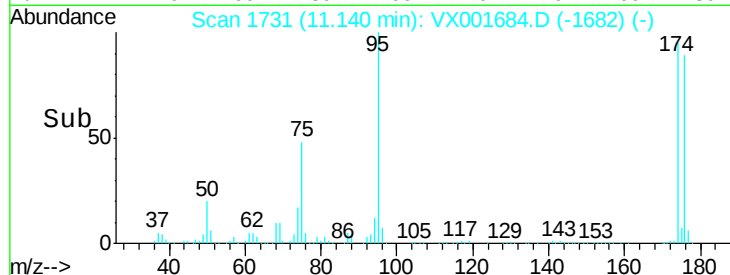
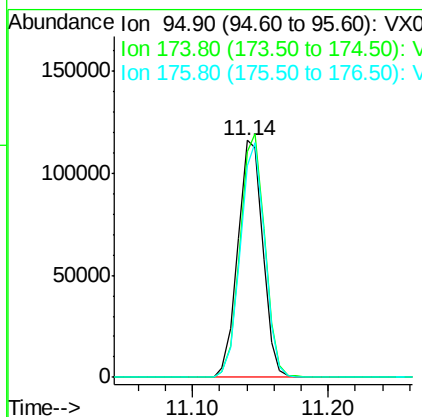
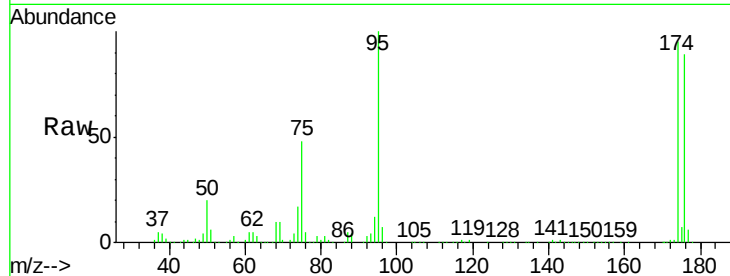




#62
4-Bromofluorobenzene
Concen: 33.18 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001684.D
Acq: 12 May 2018 23:21

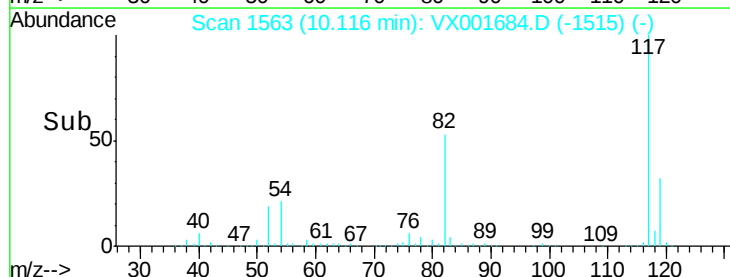
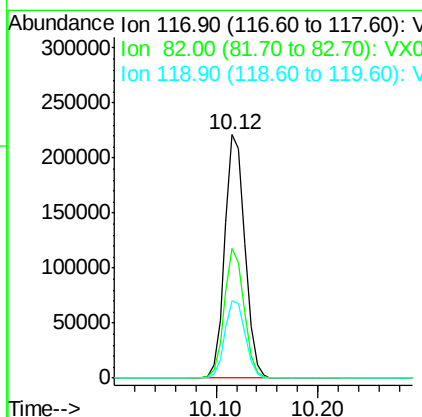
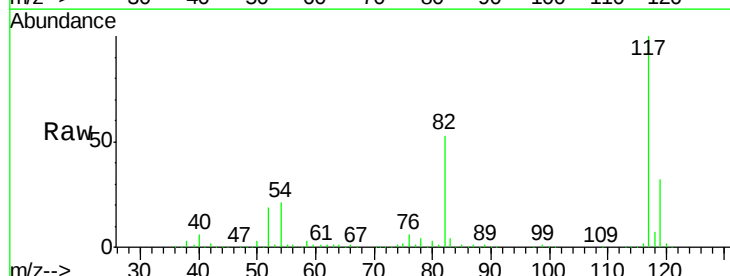
Instrument :
MSVOA_X
ClientSampleId :
PB109200TB

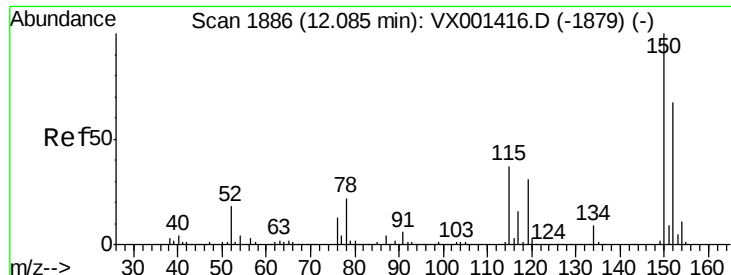
Tot Ion: 95 Resp: 148470
Ion Ratio Lower Upper
95 100
174 101.4 0.0 202.0
176 97.1 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001684.D
Acq: 12 May 2018 23:21

Tgt Ion: 117 Resp: 302083
Ion Ratio Lower Upper
117 100
82 53.2 40.0 60.0
119 31.8 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001684.D

Acq: 12 May 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

PB109200TB

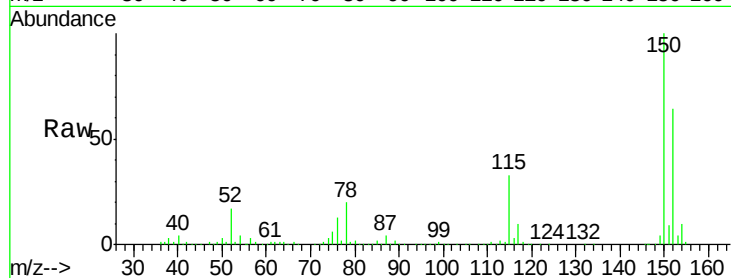
Tot Ion:152 Resp: 151064

Ion Ratio Lower Upper

152 100

115 53.0 37.7 113.1

150 157.3 0.0 349.4



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

