

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051218\
 Data File : VX001688.D
 Acq On : 13 May 2018 01:08
 Operator : JC/MD
 Sample : PB109200ZHE#04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#04

Quant Time: May 14 07:42:06 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

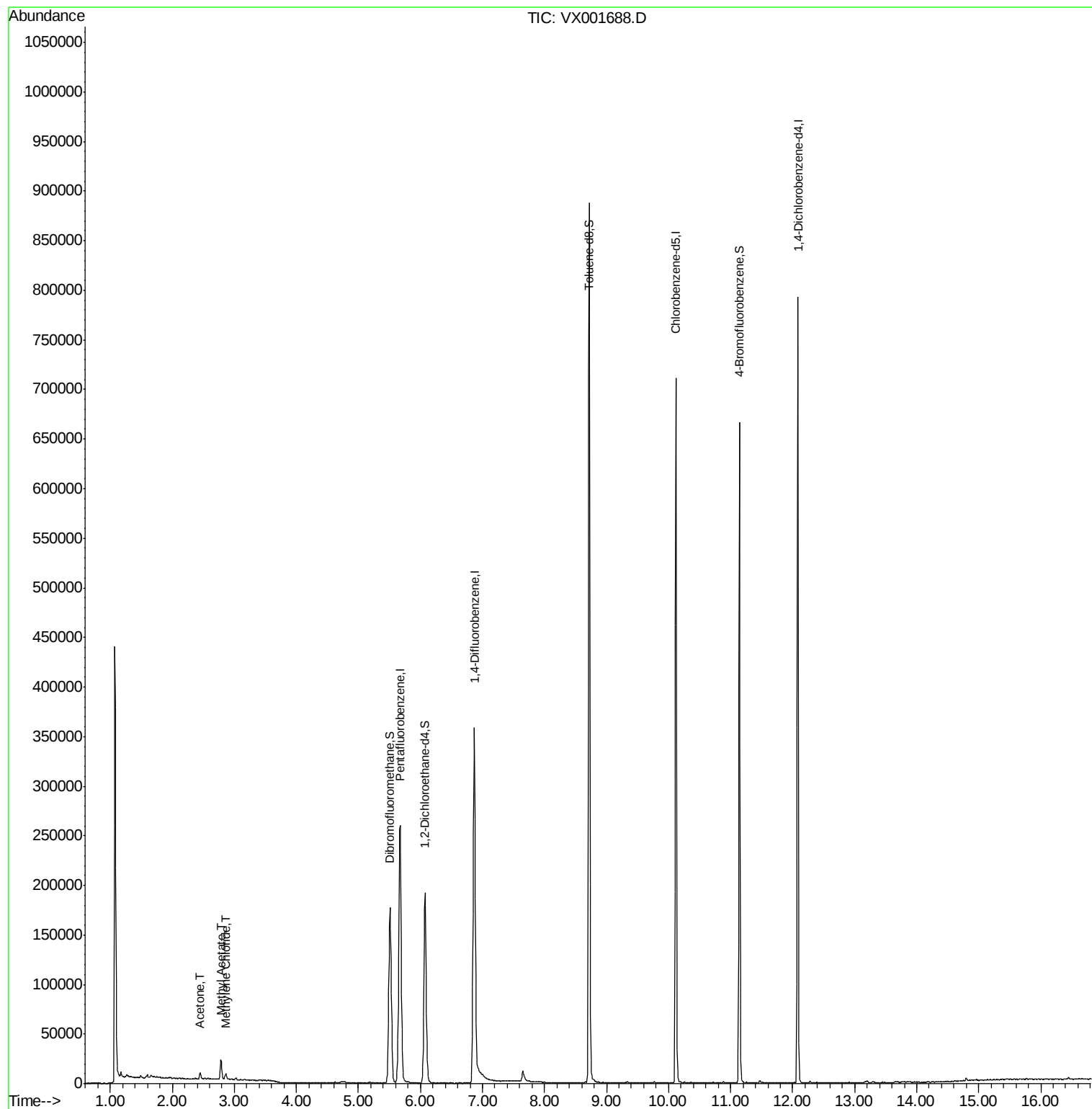
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	274025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	372498	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	329314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	175320	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	181491	46.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.16%	
35) Dibromofluoromethane	5.51	113	144710	43.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.36%	
50) Toluene-d8	8.72	98	517967	42.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.66%	
62) 4-Bromofluorobenzene	11.14	95	165450	35.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.28%	
Target Compounds						
16) Acetone	2.45	43	7606	4.25	ug/l	93
18) Methyl Acetate	2.78	43	22883	4.87	ug/l	97
20) Methylene Chloride	2.86	84	2701	0.76	ug/l	97

(#) = 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: VX001688.D

Acq: 13 May 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

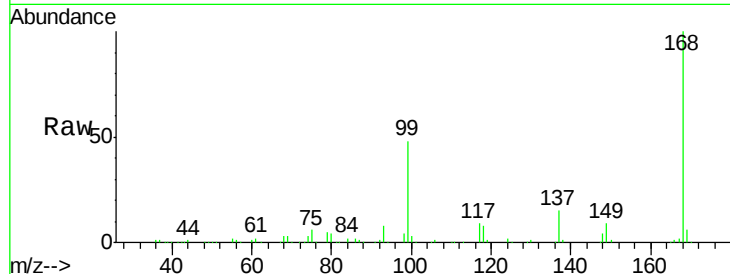
PB109200ZHE#04

Tot Ion:168 Resp: 274025

Ion Ratio Lower Upper

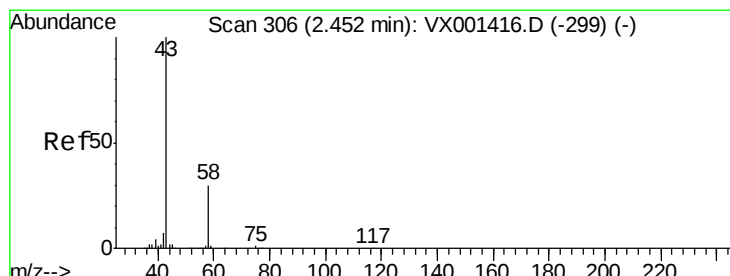
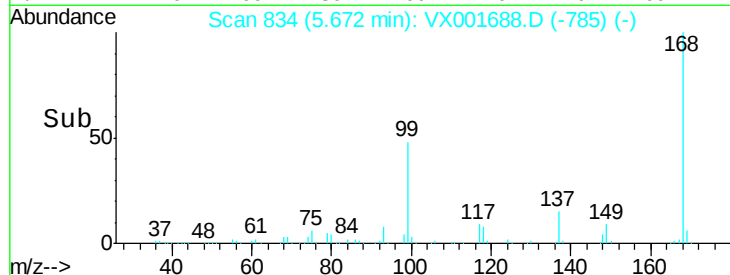
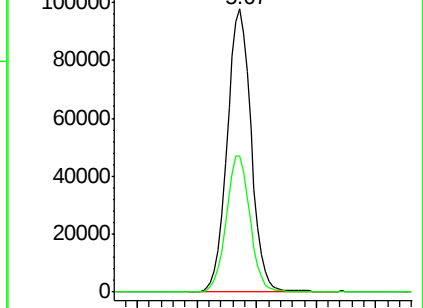
168 100

99 48.2 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: 4.25 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001688.D

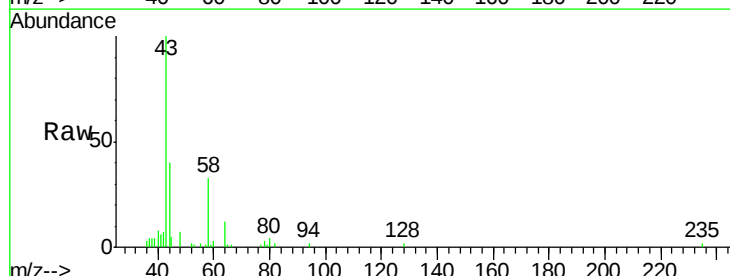
Acq: 13 May 2018 01:08

Tgt Ion: 43 Resp: 7606

Ion Ratio Lower Upper

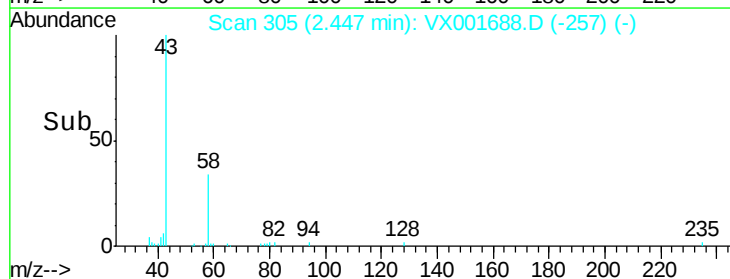
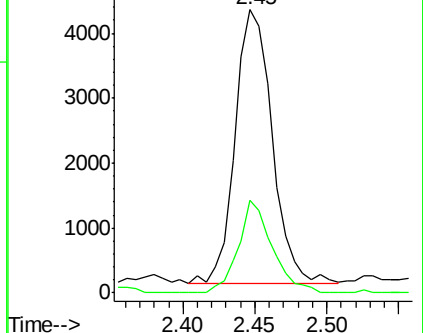
43 100

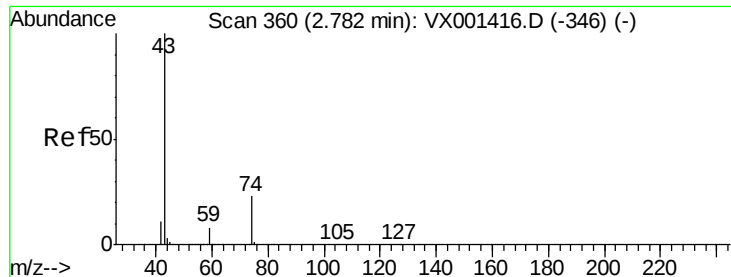
58 33.7 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

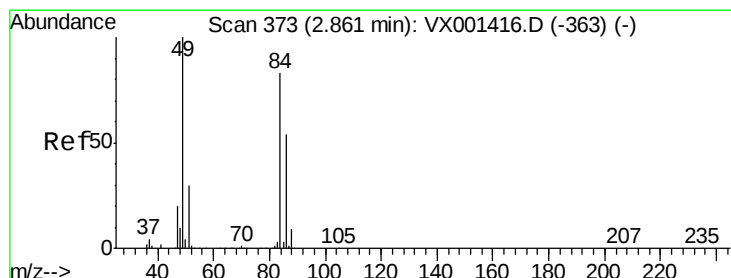
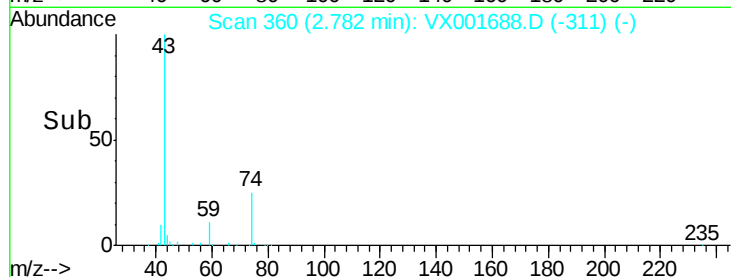
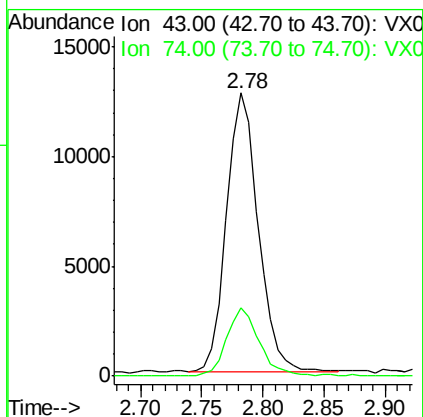
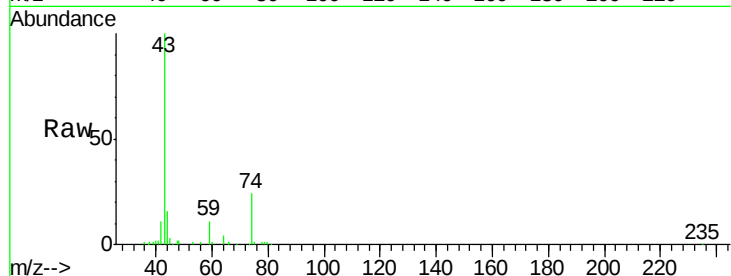




#18
Methvl Acetate
Concen: 4.87 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001688.D
Acq: 13 May 2018 01:08

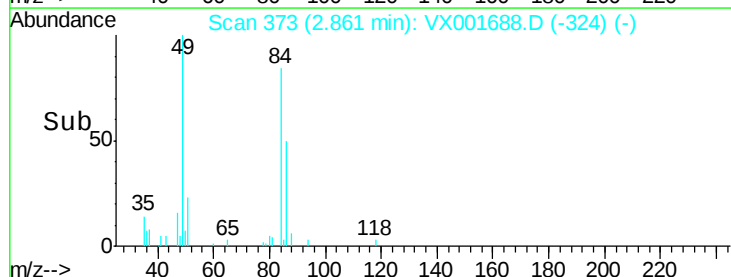
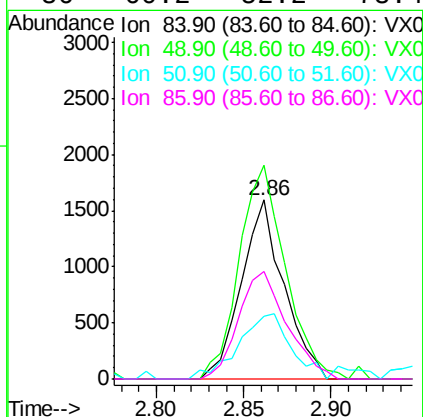
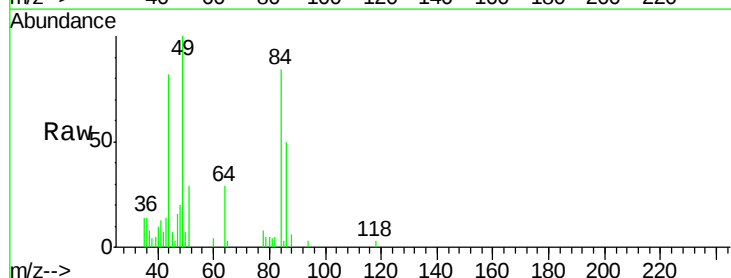
Instrument :
MSVOA_X
ClientSampleId :
PB109200ZHE#04

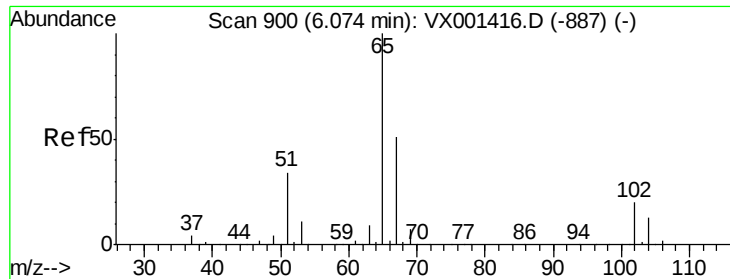
Tot Ion: 43 Resp: 22883
Ion Ratio Lower Upper
43 100
74 24.7 18.6 27.8



#20
Methylene Chloride
Concen: 0.76 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001688.D
Acq: 13 May 2018 01:08

Tgt Ion: 84 Resp: 2701
Ion Ratio Lower Upper
84 100
49 119.2 96.6 144.8
51 35.0 29.0 43.4
86 60.2 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 46.08 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001688.D

Acq: 13 May 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

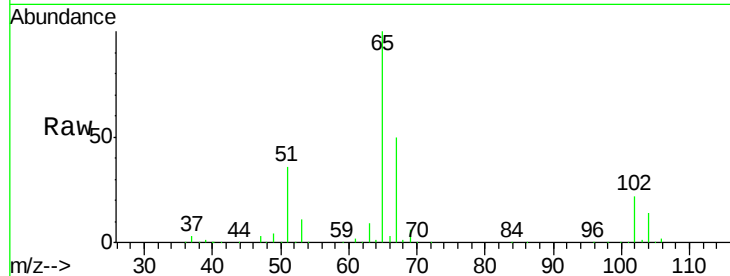
PB109200ZHE#04

Tot Ion: 65 Resp: 181491

Ion Ratio Lower Upper

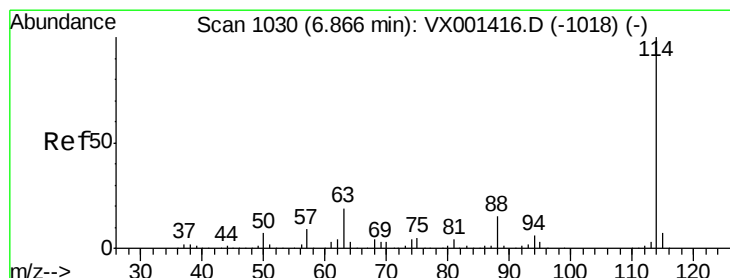
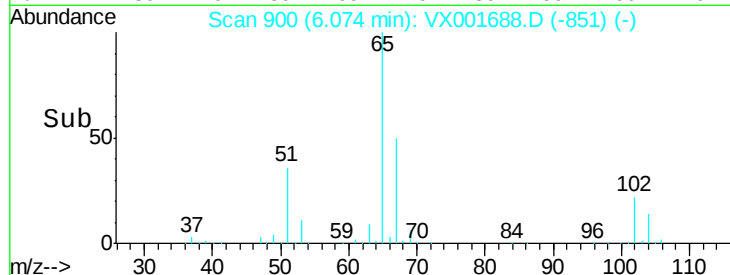
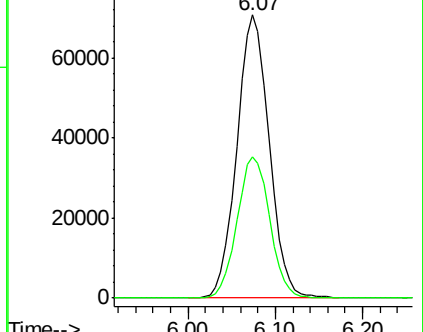
65 100

67 50.7 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: VX001688.D

Acq: 13 May 2018 01:08

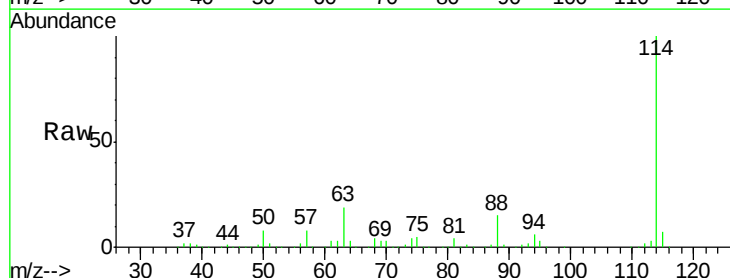
Tgt Ion: 114 Resp: 372498

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

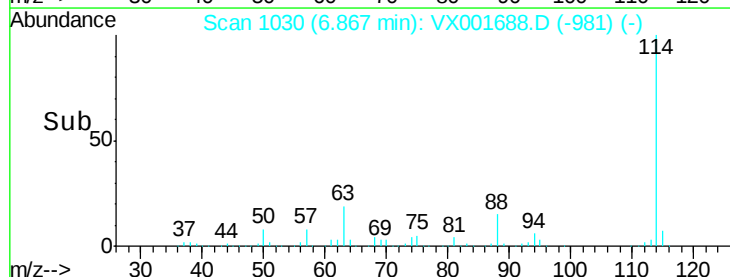
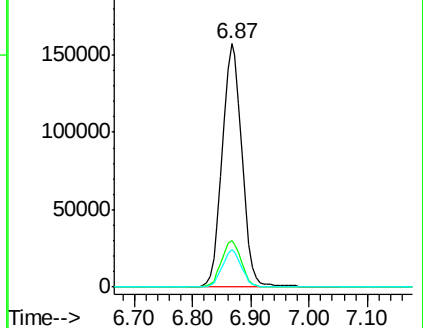
88 15.3 0.0 30.8

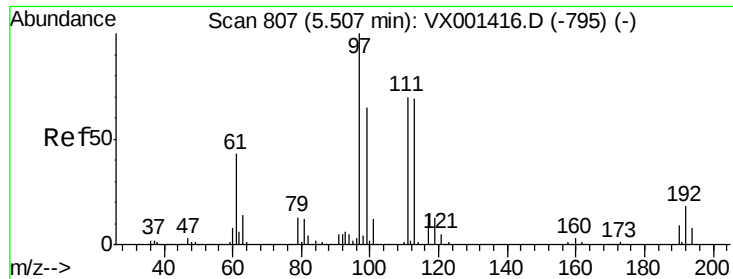


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

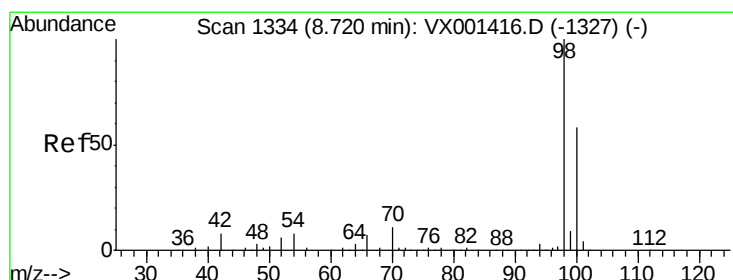
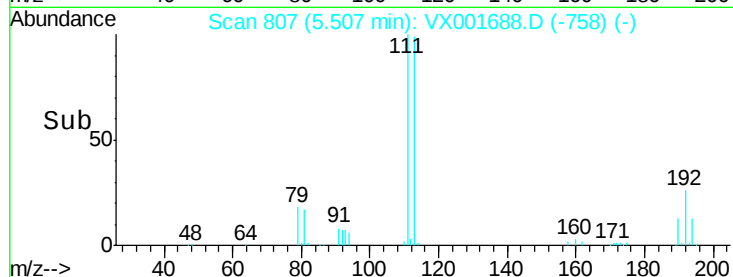
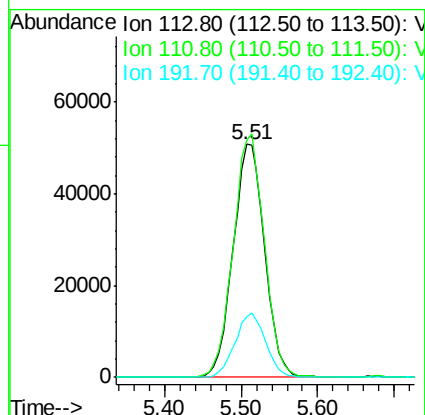
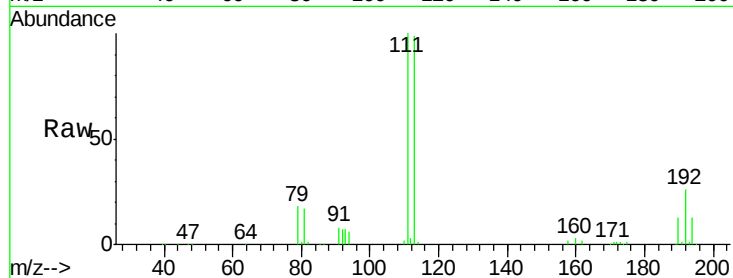




#35
 Dibromofluoromethane
 Concen: 43.68 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001688.D
 Acq: 13 May 2018 01:08

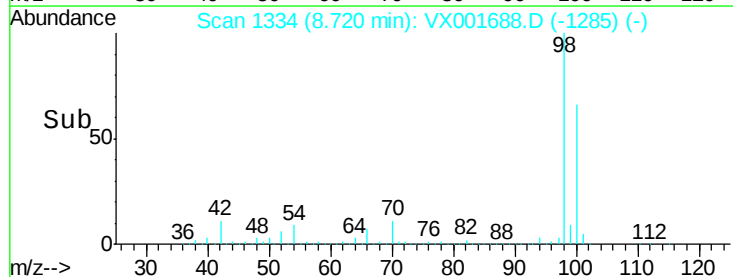
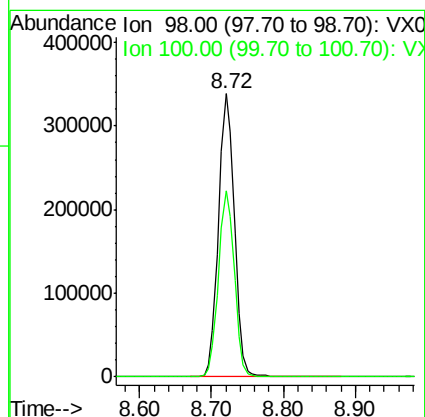
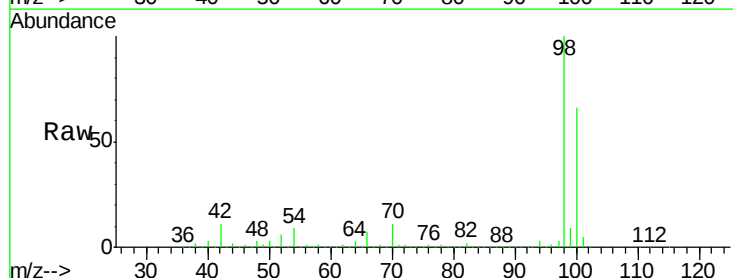
Instrument :
 MSVOA_X
 ClientSampleId :
 PB109200ZHE#04

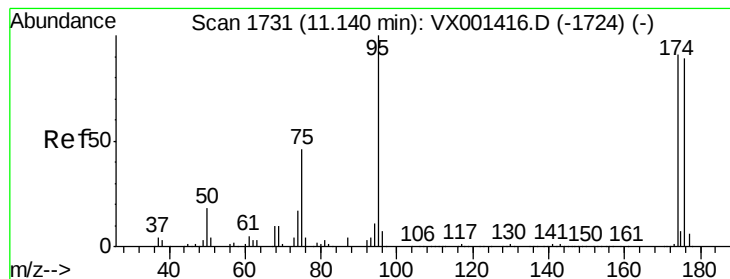
Tot Ion:113 Resp: 144710
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.2
 192 26.9 21.4 32.0



#50
 Toluene-d8
 Concen: 42.83 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001688.D
 Acq: 13 May 2018 01:08

Tgt Ion: 98 Resp: 517967
 Ion Ratio Lower Upper
 98 100
 100 65.7 54.0 81.0





#62

4-Bromofluorobenzene

Concen: 35.64 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001688.D

Acq: 13 May 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#04

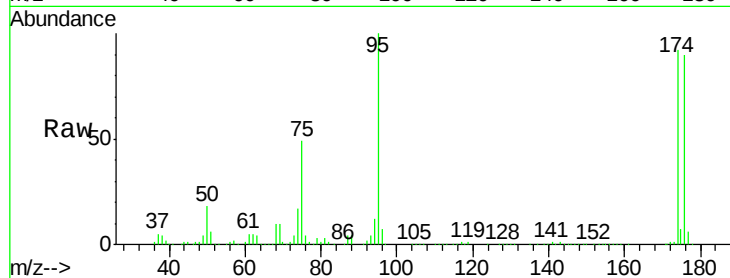
Tot Ion: 95 Resp: 165450

Ion Ratio Lower Upper

95 100

174 100.5 0.0 202.0

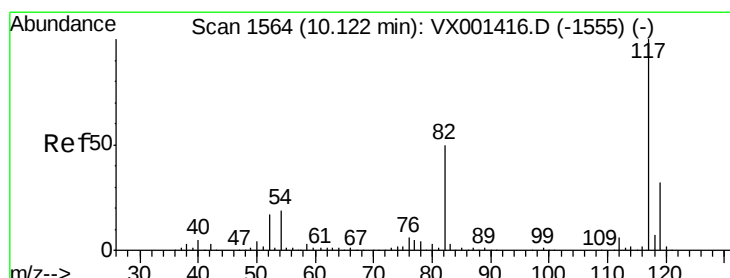
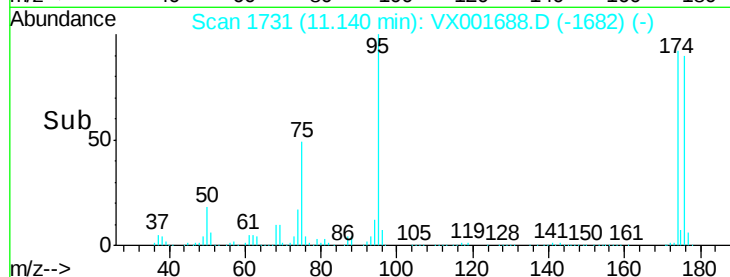
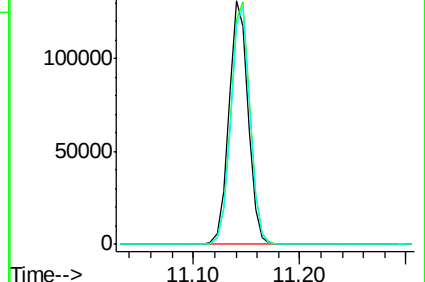
176 97.5 0.0 197.4



Abundance Ion 94.90 (94.60 to 95.60): VX001416.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX001416.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX001416.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX001688.D

Acq: 13 May 2018 01:08

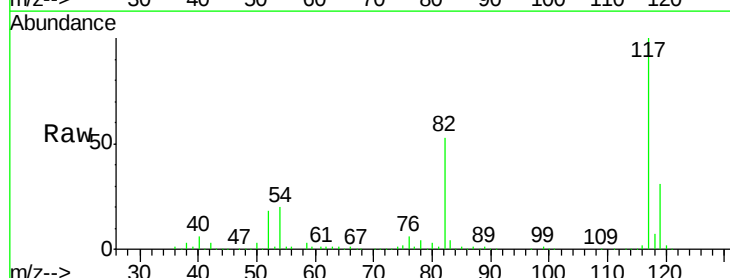
Tgt Ion: 117 Resp: 329314

Ion Ratio Lower Upper

117 100

82 52.9 40.0 60.0

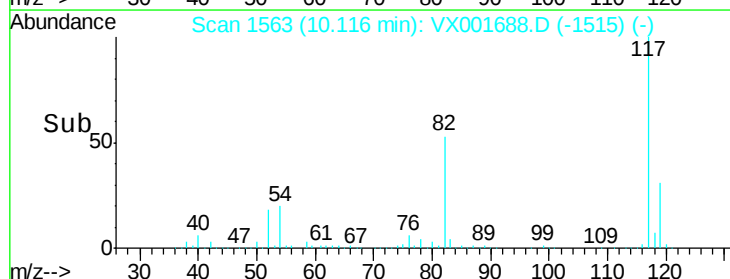
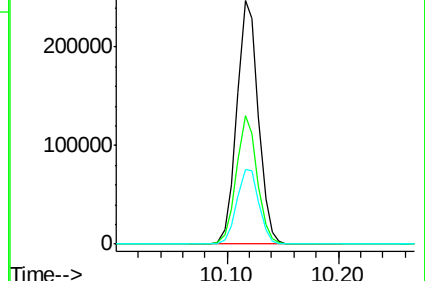
119 30.9 25.8 38.8

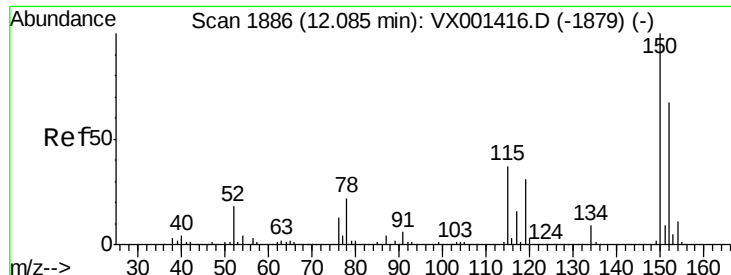


Abundance Ion 116.90 (116.60 to 117.60): VX001416.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX001416.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX001416.D (-1555) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001688.D

Acq: 13 May 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

PB109200ZHE#04

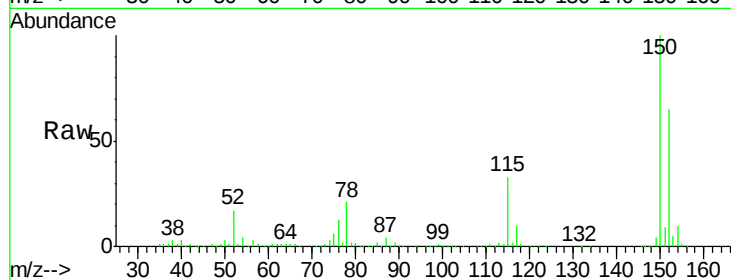
Tot Ion:152 Resp: 175320

Ion Ratio Lower Upper

152 100

115 52.4 37.7 113.1

150 157.2 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

