

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001867.D
 Acq On : 19 May 2018 10:27
 Operator : JC/MD
 Sample : PB109413ZHE#18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109413ZHE#18

Quant Time: May 21 04:31:24 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

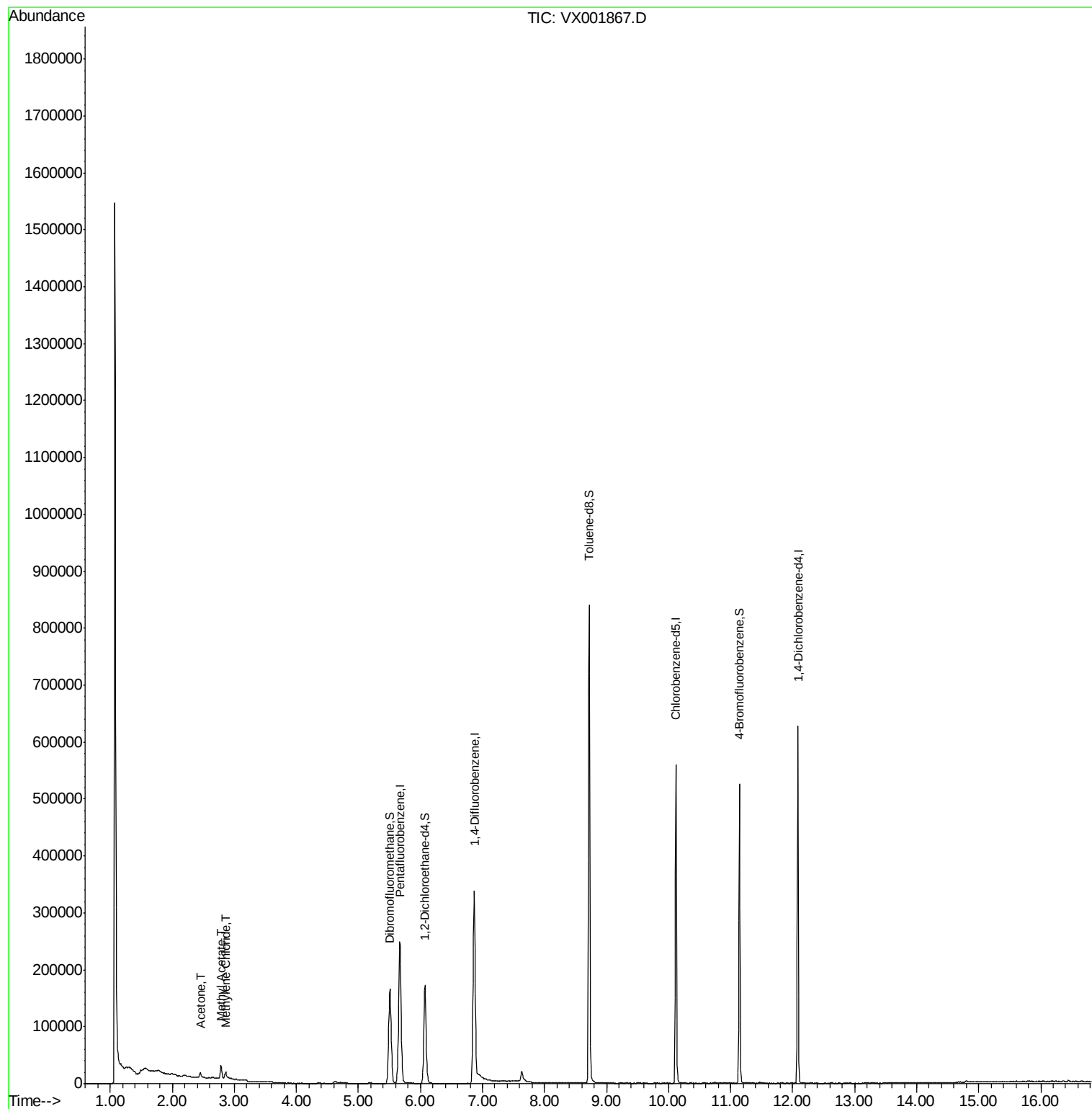
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	273897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	365697	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	273941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	138112	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	158695	43.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.46%	
35) Dibromofluoromethane	5.51	113	139848	45.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.62%	
50) Toluene-d8	8.72	98	509078	46.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.12%	
62) 4-Bromofluorobenzene	11.14	95	133411	33.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.04%	
Target Compounds						
16) Acetone	2.45	43	8332	5.78	ug/l	Qvalue 100
18) Methyl Acetate	2.78	43	27331	6.48	ug/l	94
20) Methylene Chloride	2.86	84	5358	1.74	ug/l	95

(#) = 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# 833

Delta R.T. -0.01 min

Lab File: VX001867.D

Acq: 19 May 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

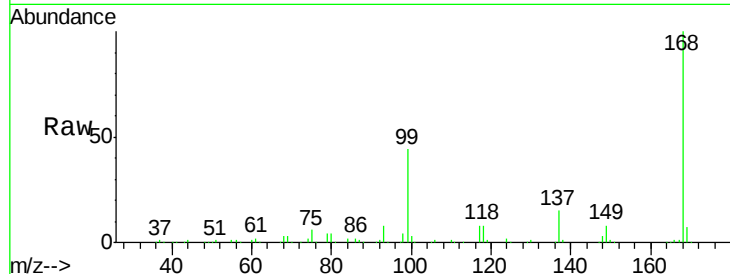
PB109413ZHE#18

Tot Ion:168 Resp: 273897

Ion Ratio Lower Upper

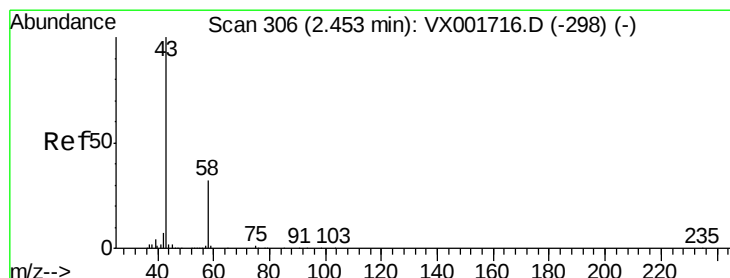
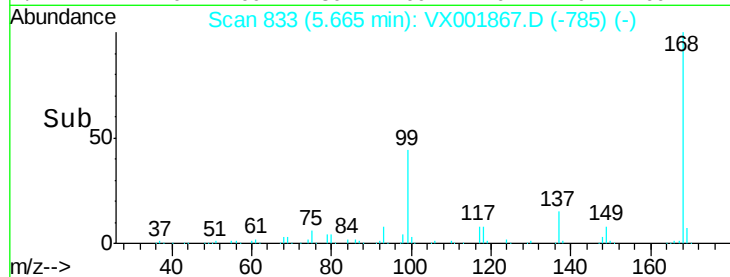
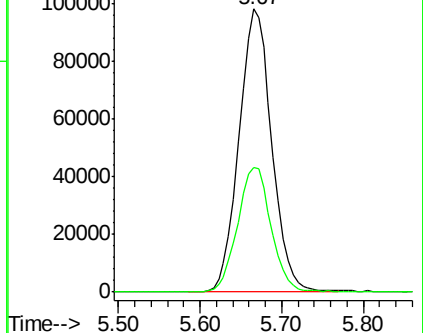
168 100

99 43.9 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.78 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001867.D

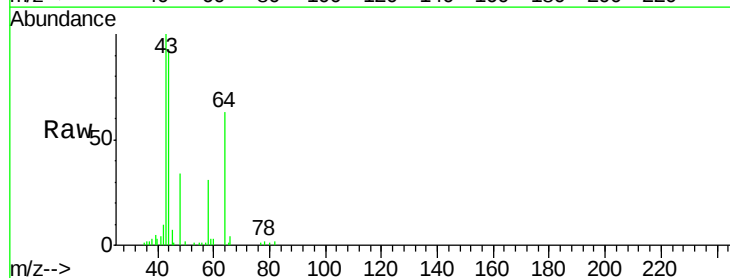
Acq: 19 May 2018 10:27

Tgt Ion: 43 Resp: 8332

Ion Ratio Lower Upper

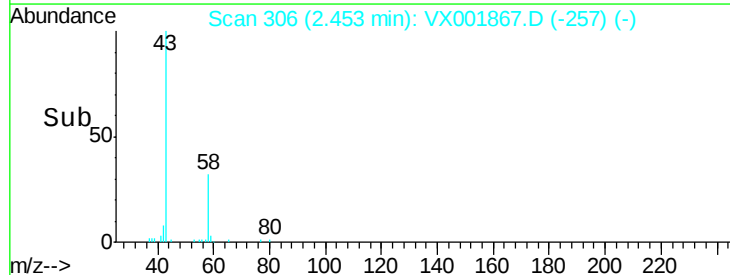
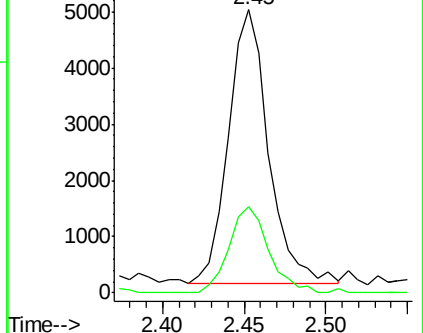
43 100

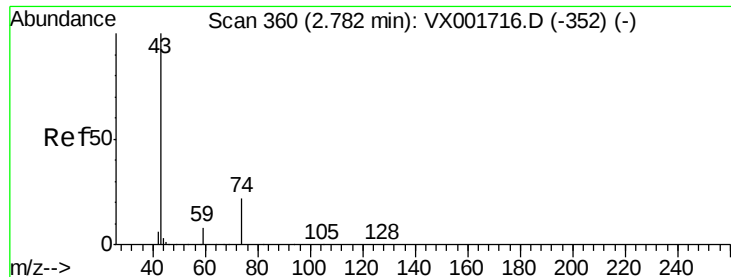
58 31.6 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

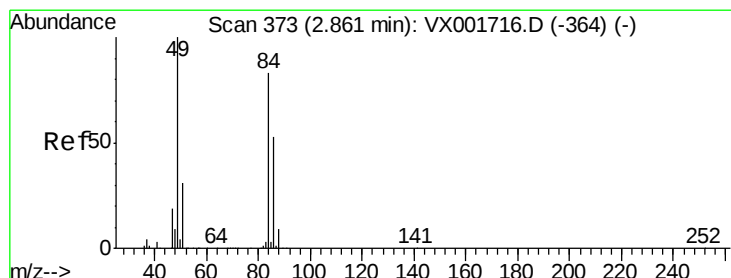
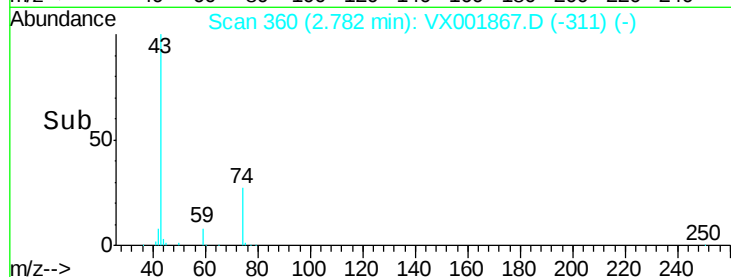
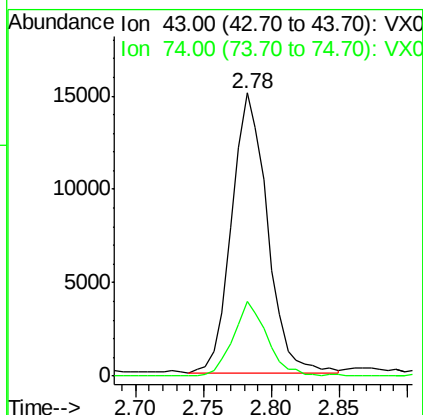
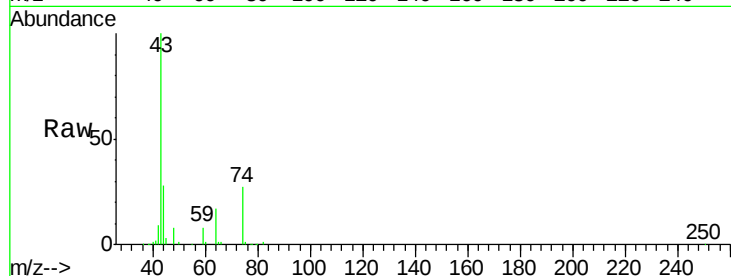




#18
Methvl Acetate
Concen: 6.48 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001867.D
Acq: 19 May 2018 10:27

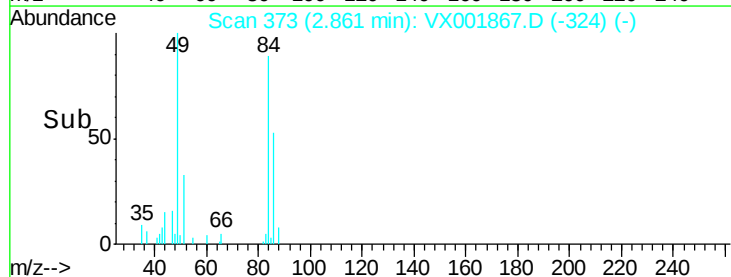
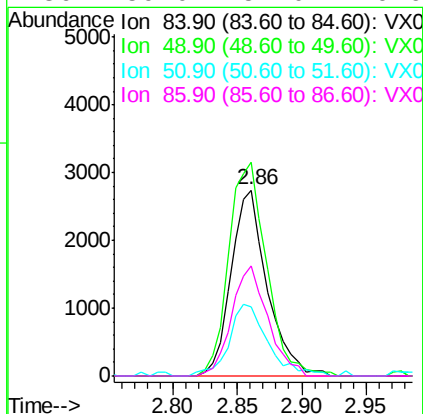
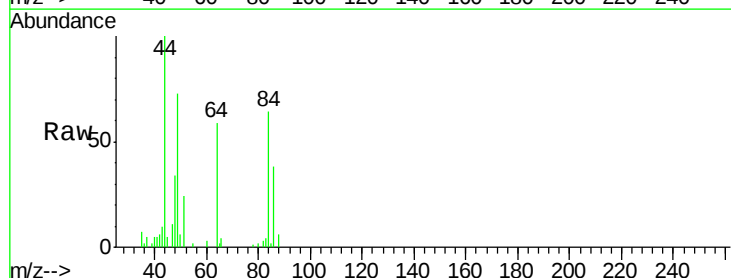
Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#18

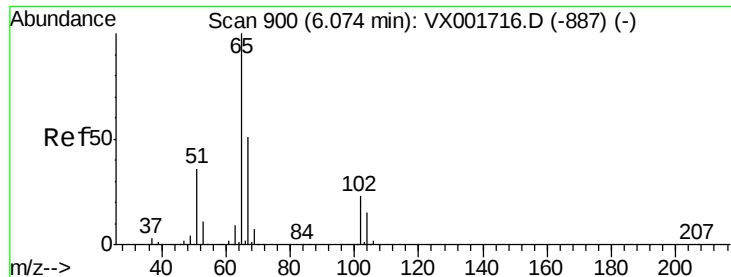
Tot Ion: 43 Resp: 27331
Ion Ratio Lower Upper
43 100
74 25.5 18.2 27.2



#20
Methylene Chloride
Concen: 1.74 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001867.D
Acq: 19 May 2018 10:27

Tgt Ion: 84 Resp: 5358
Ion Ratio Lower Upper
84 100
49 114.9 96.3 144.5
51 37.4 29.8 44.6
86 59.0 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 43.23 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001867.D

Acq: 19 May 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

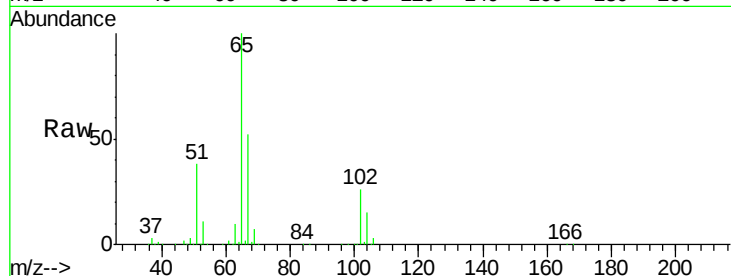
PB109413ZHE#18

Tot Ion: 65 Resp: 158695

Ion Ratio Lower Upper

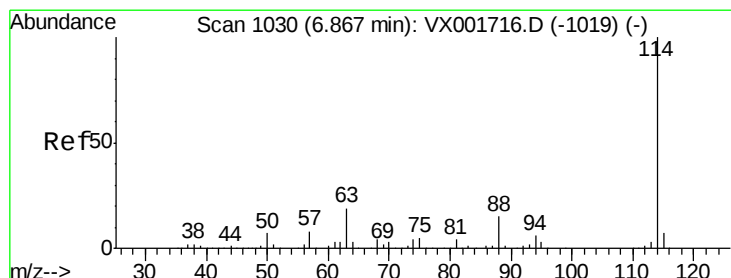
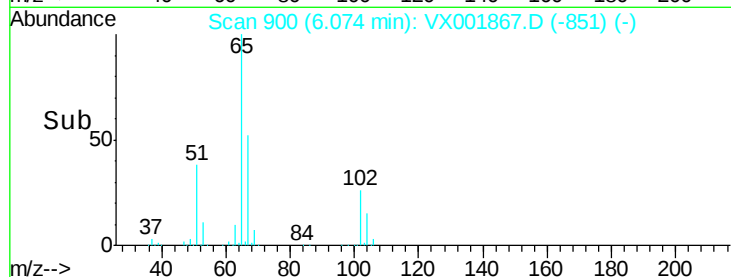
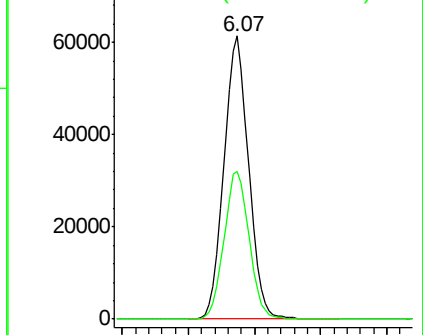
65 100

67 52.8 0.0 102.8



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: VX001867.D

Acq: 19 May 2018 10:27

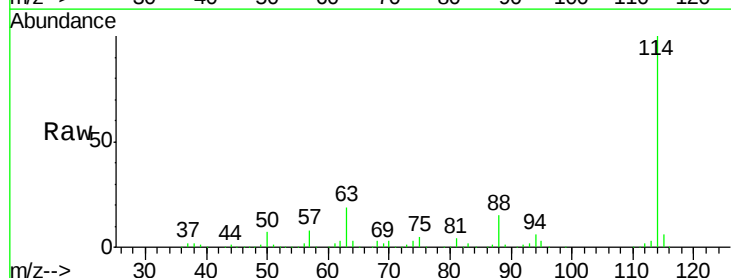
Tgt Ion: 114 Resp: 365697

Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.0

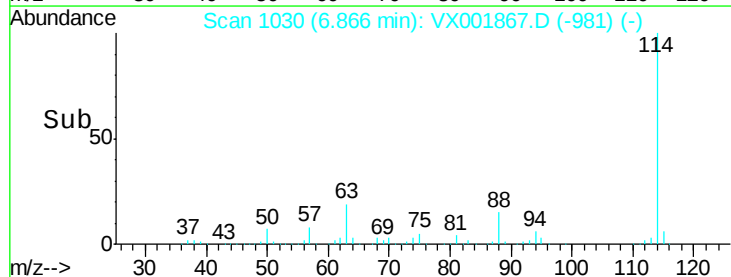
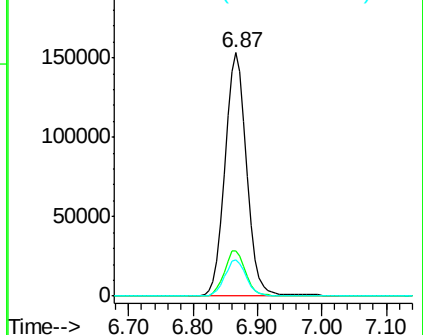
88 14.8 0.0 29.8

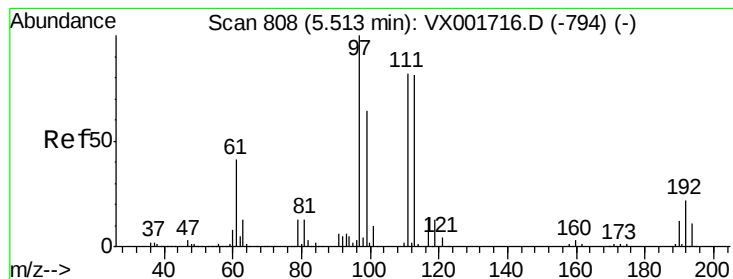


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.31 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001867.D

Acq: 19 May 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

PB109413ZHE#18

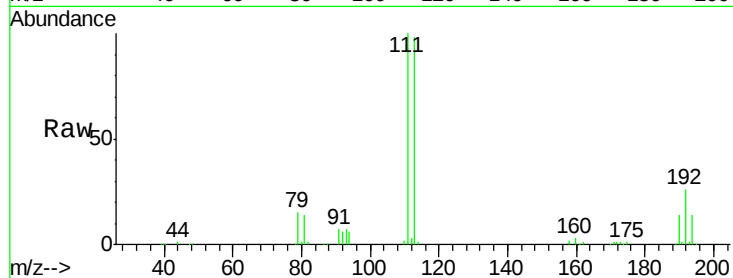
Tot Ion:113 Resp: 139848

Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

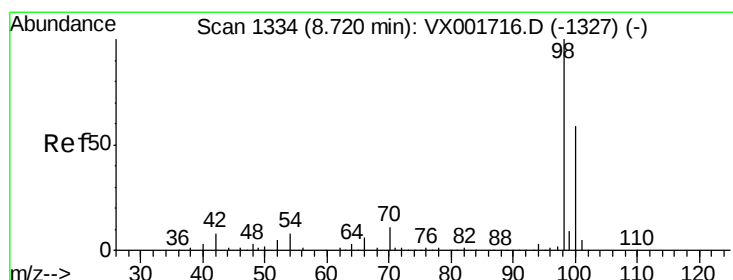
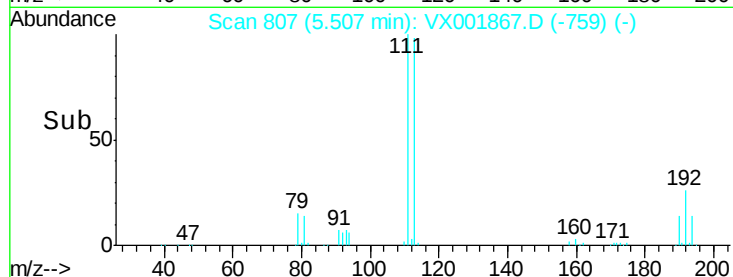
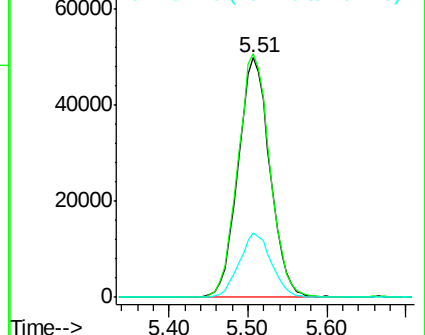
192 27.2 21.6 32.4



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: 46.06 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001867.D

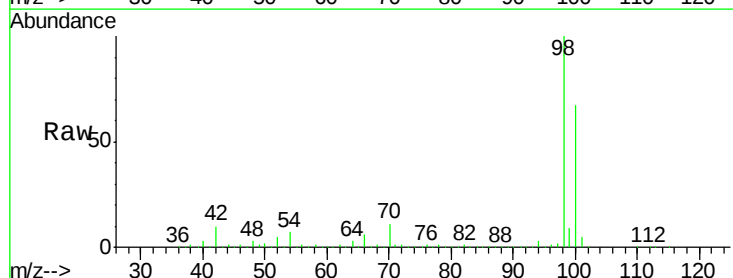
Acq: 19 May 2018 10:27

Tgt Ion: 98 Resp: 509078

Ion Ratio Lower Upper

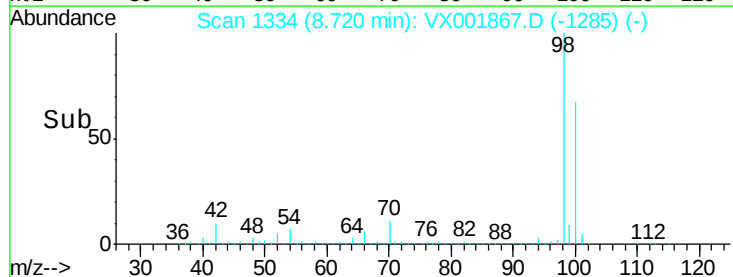
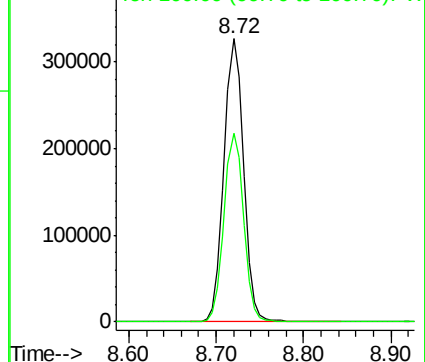
98 100

100 66.9 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 33.52 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001867.D

Acq: 19 May 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

PB109413ZHE#18

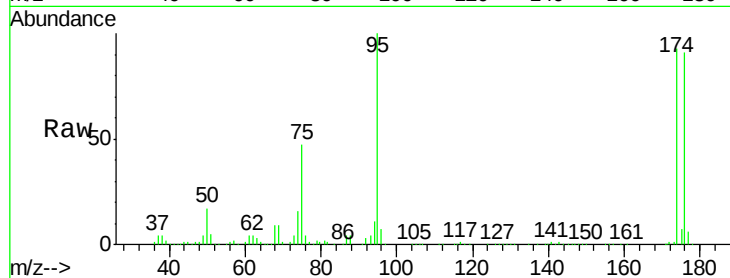
Tot Ion: 95 Resp: 133411

Ion Ratio Lower Upper

95 100

174 104.2 0.0 201.8

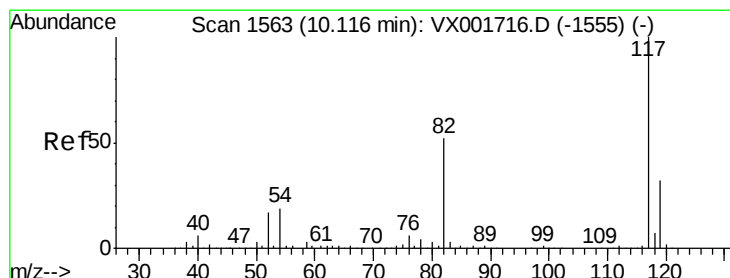
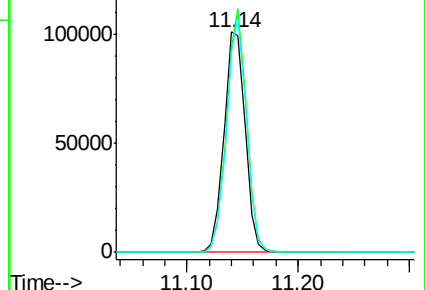
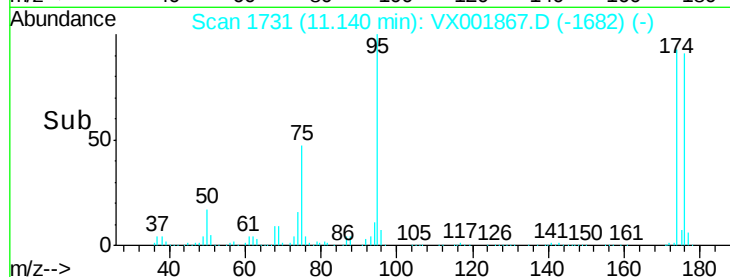
176 100.1 0.0 196.8



Abundance Ion 94.90 (94.60 to 95.60): VX001867.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX001867.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX001867.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX001867.D

Acq: 19 May 2018 10:27

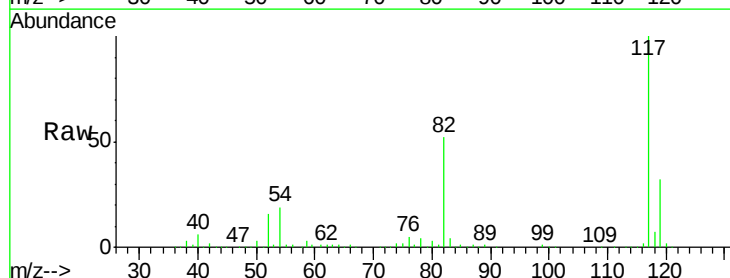
Tgt Ion: 117 Resp: 273941

Ion Ratio Lower Upper

117 100

82 52.1 41.4 62.2

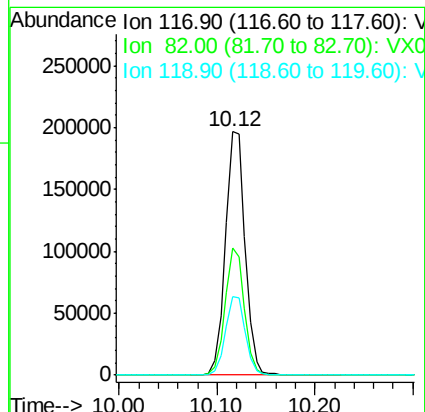
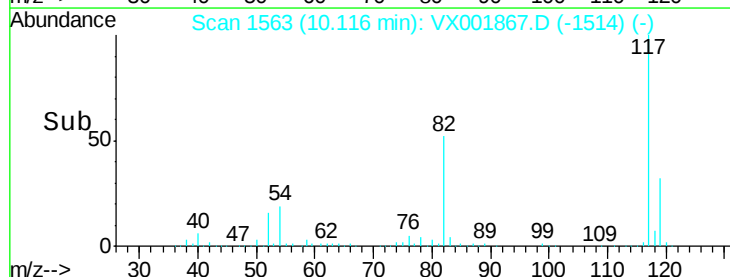
119 32.1 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): VX001867.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX001867.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX001867.D (-1514) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001867.D

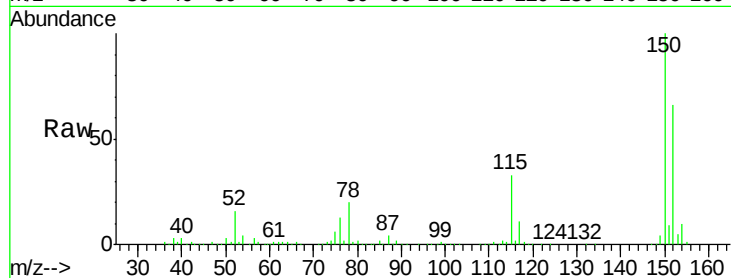
Acq: 19 May 2018 10:27

Instrument :

MSVOA_X

ClientSampleId :

PB109413ZHE#18



Tot Ion:152 Resp: 138112

Ion Ratio Lower Upper

152 100

115 51.2 37.4 112.2

150 154.8 0.0 344.8

