

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002765.D
 Acq On : 21 Jun 2018 02:32
 Operator : JC/MD
 Sample : PB110408ZHE#04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110408ZHE#04

Quant Time: Jun 21 07:03:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

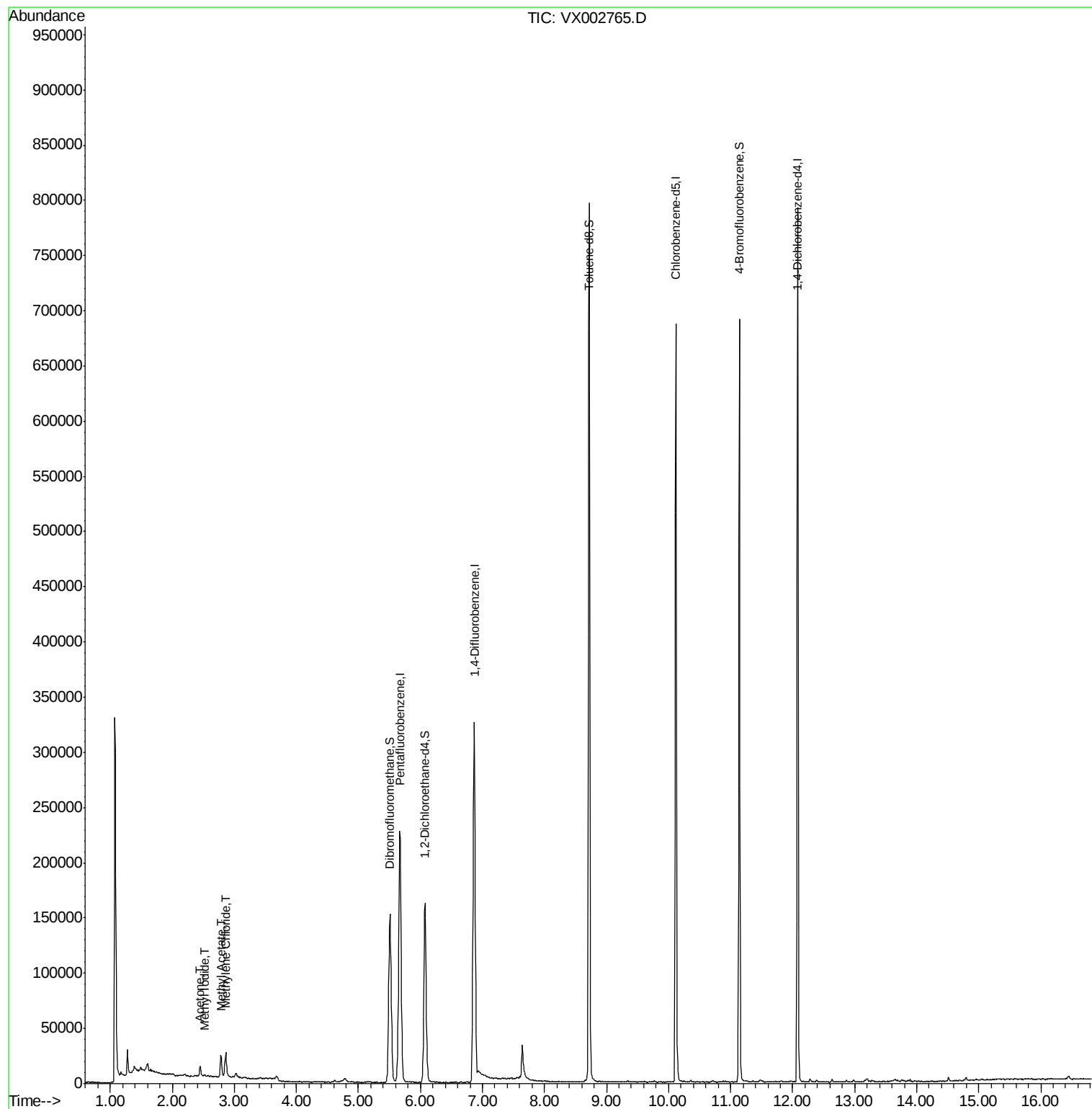
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	320121	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	167272	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	154789	44.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.80%	
35) Dibromofluoromethane	5.51	113	123813	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
50) Toluene-d8	8.72	98	458395	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
62) 4-Bromofluorobenzene	11.14	95	158124	43.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.04%	
Target Compounds						
10) Methyl Iodide	2.52	142	1746	5.61	ug/l	89
16) Acetone	2.45	43	10444	6.87	ug/l	99
18) Methyl Acetate	2.78	43	23989	5.92	ug/l	98
20) Methylene Chloride	2.86	84	10548	3.38	ug/l	98

(#) = 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: VX002765.D

Acq: 21 Jun 2018 02:32

Instrument :

MSVOA_X

ClientSampleId :

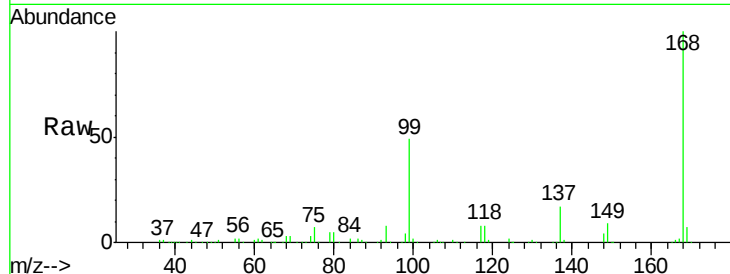
PB110408ZHE#04

Tot Ion:168 Resp: 226848

Ion Ratio Lower Upper

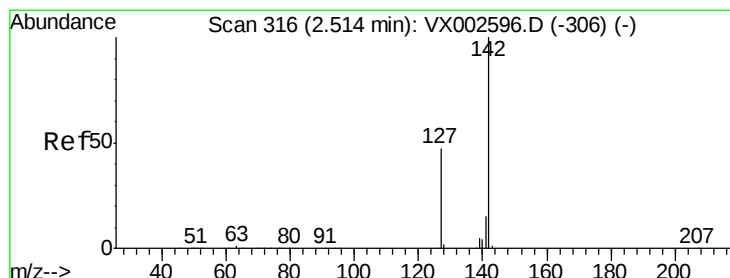
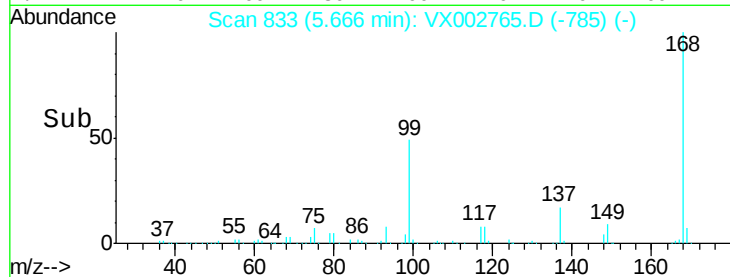
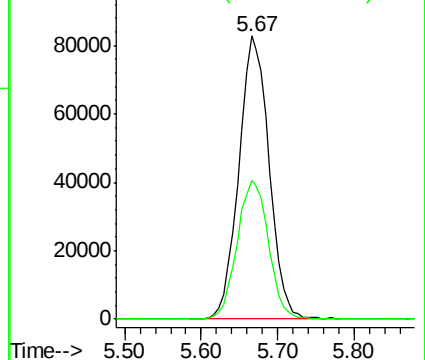
168 100

99 48.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 5.61 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002765.D

Acq: 21 Jun 2018 02:32

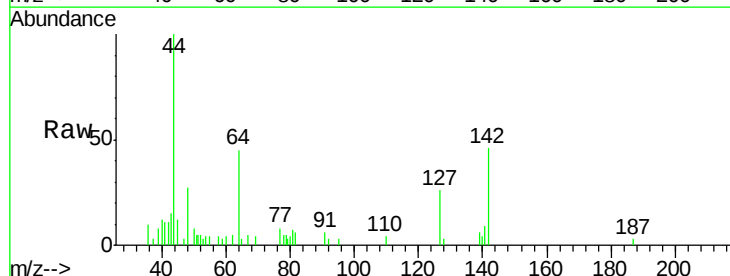
Tgt Ion:142 Resp: 1746

Ion Ratio Lower Upper

142 100

127 53.8 36.6 55.0

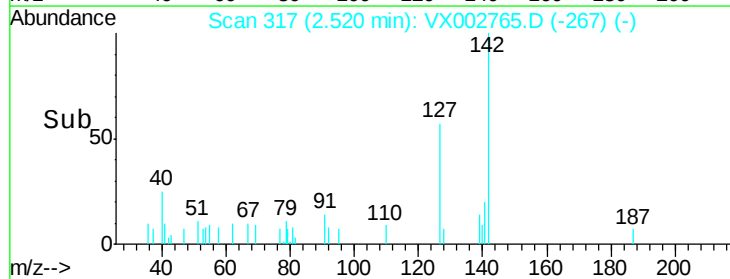
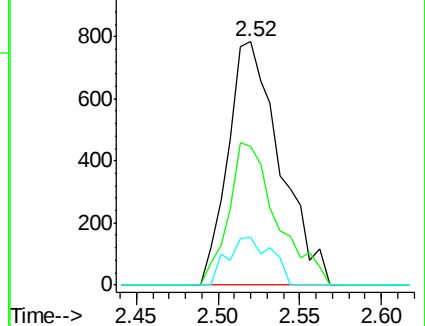
141 16.6 11.3 16.9

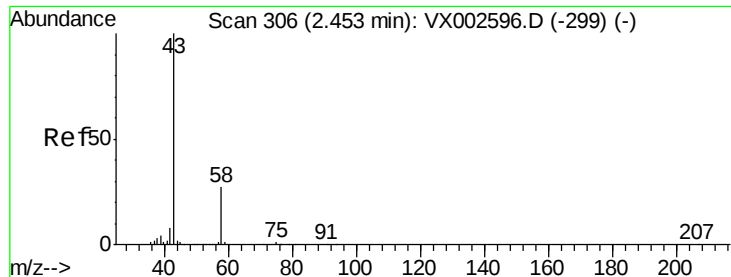


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 6.87 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002765.D

Acq: 21 Jun 2018 02:32

Instrument :

MSVOA_X

ClientSampleId :

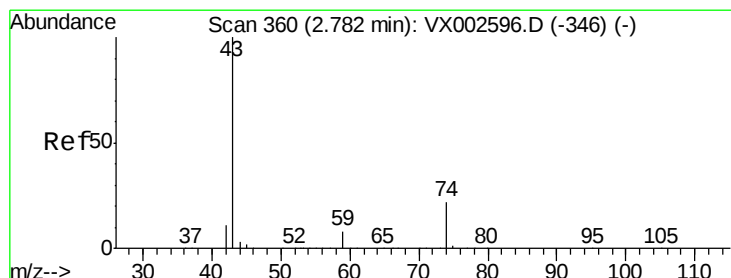
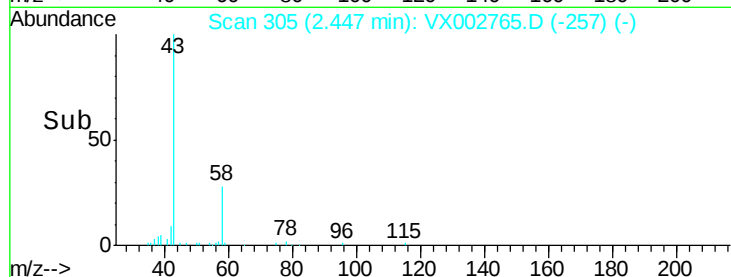
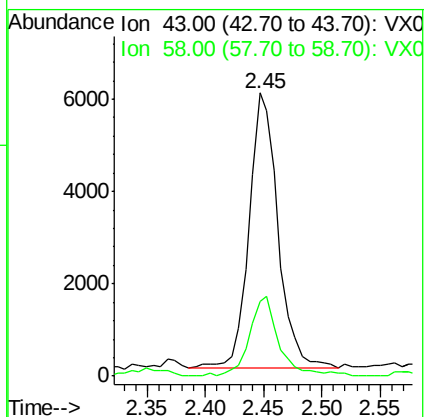
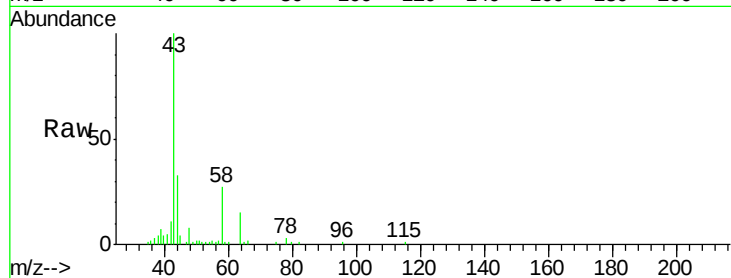
PB110408ZHE#04

Tot Ion: 43 Resp: 10444

Ion Ratio Lower Upper

43 100

58 27.3 22.1 33.1



#18

Methyl Acetate

Concen: 5.92 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002765.D

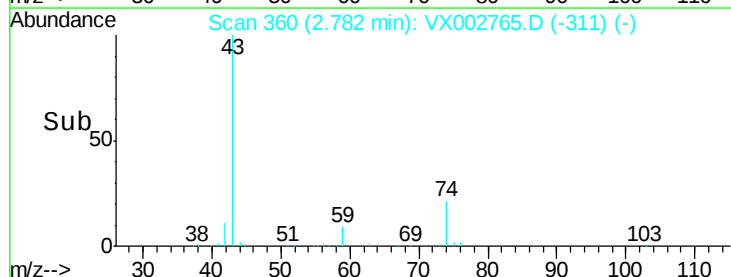
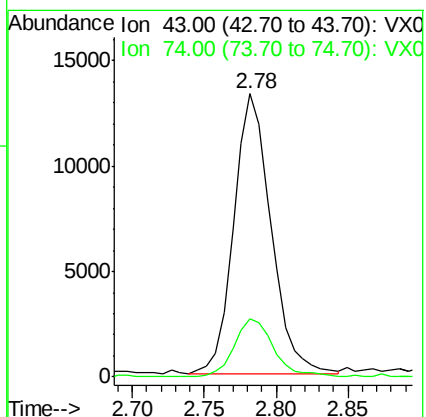
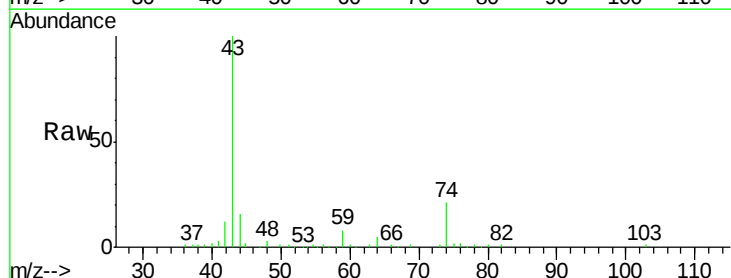
Acq: 21 Jun 2018 02:32

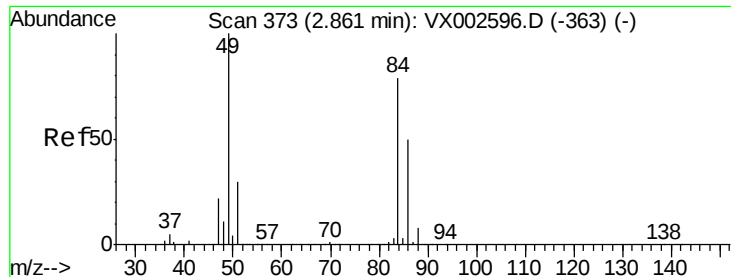
Tgt Ion: 43 Resp: 23989

Ion Ratio Lower Upper

43 100

74 22.0 16.7 25.1

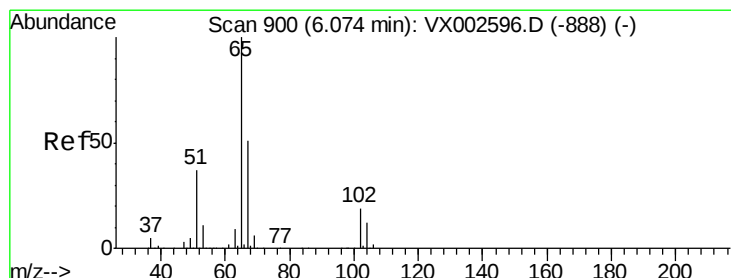
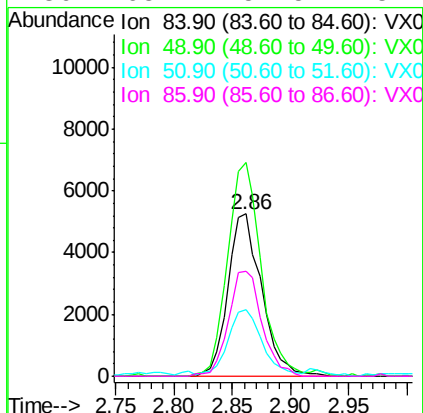
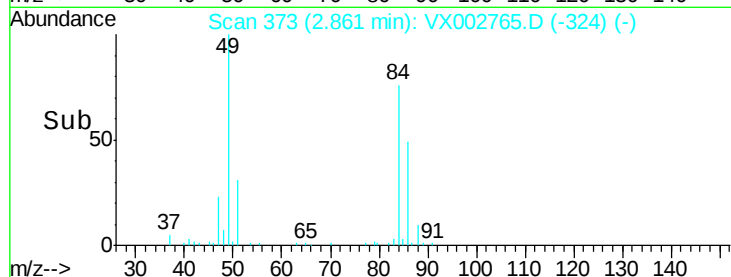
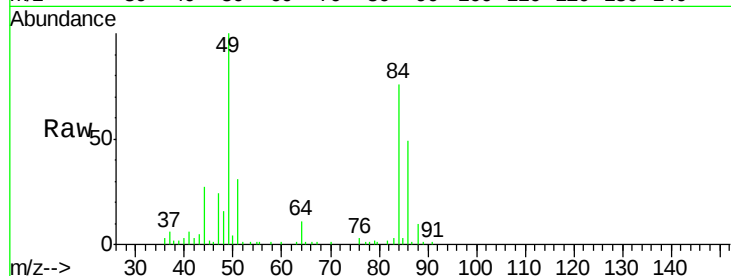




#20
Methvlene Chloride
Concen: 3.38 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002765.D
Acq: 21 Jun 2018 02:32

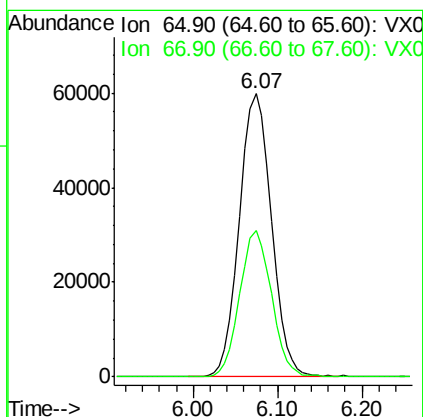
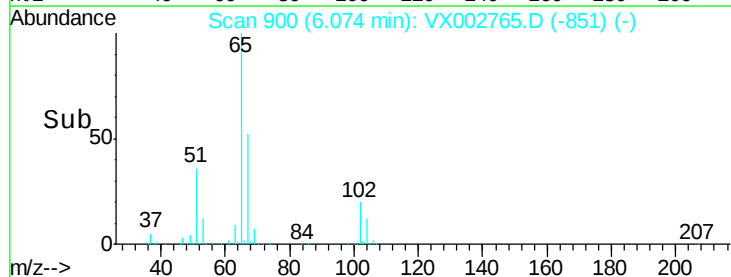
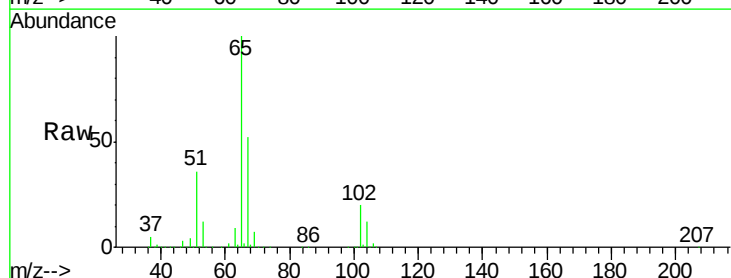
Instrument :
MSVOA_X
ClientSampleId :
PB110408ZHE#04

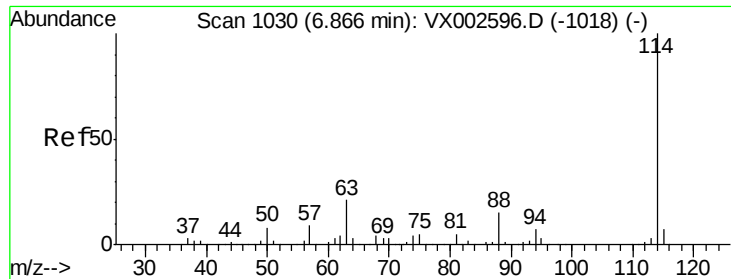
Tot Ion: 84 Resp: 10548
Ion Ratio Lower Upper
84 100
49 131.8 107.8 161.6
51 39.9 32.8 49.2
86 65.2 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 44.90 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002765.D
Acq: 21 Jun 2018 02:32

Tgt Ion: 65 Resp: 154789
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002765.D

Acq: 21 Jun 2018 02:32

Instrument :

MSVOA_X

ClientSampleId :

PB110408ZHE#04

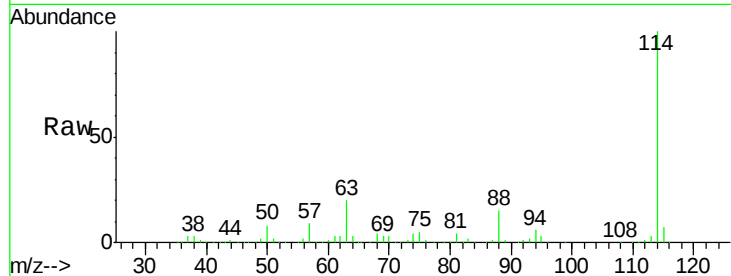
Tot Ion:114 Resp: 320121

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

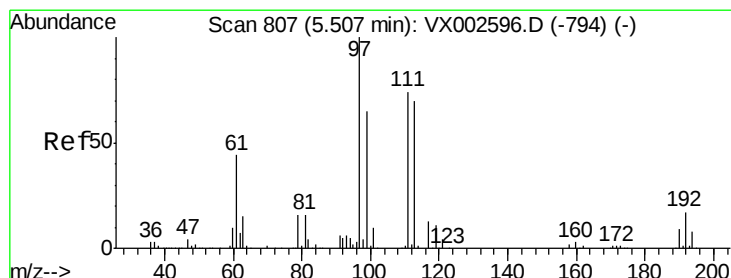
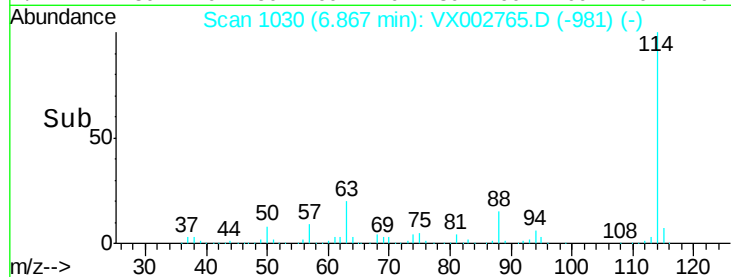
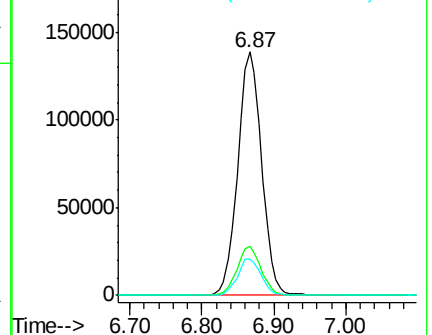
88 15.0 0.0 30.0



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: 48.46 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002765.D

Acq: 21 Jun 2018 02:32

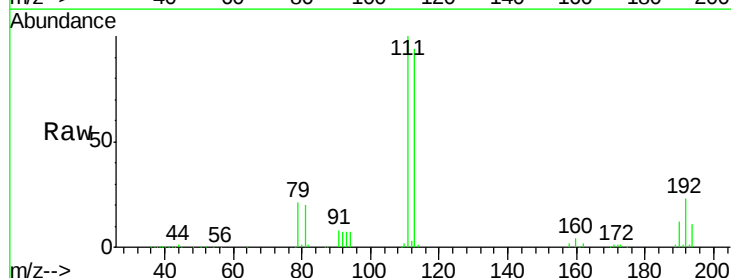
Tgt Ion:113 Resp: 123813

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

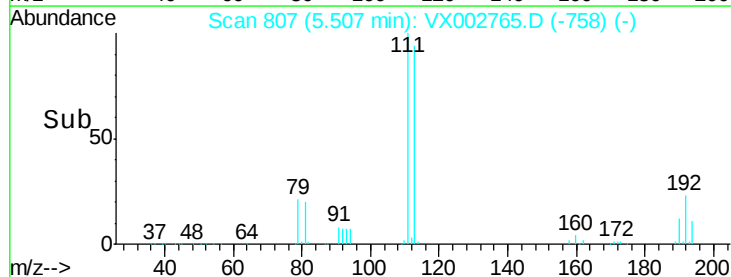
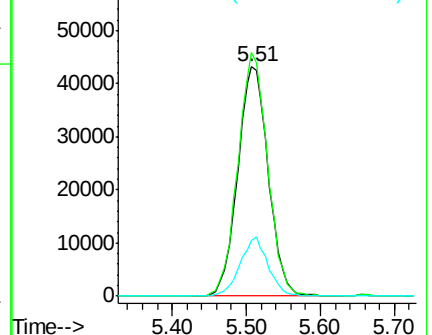
192 23.6 19.1 28.7

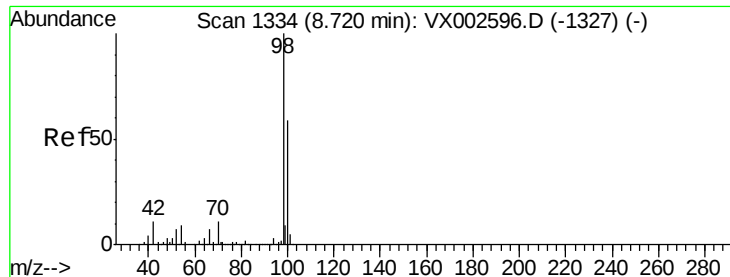


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.25 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002765.D

Acq: 21 Jun 2018 02:32

Instrument :

MSVOA_X

ClientSampleId :

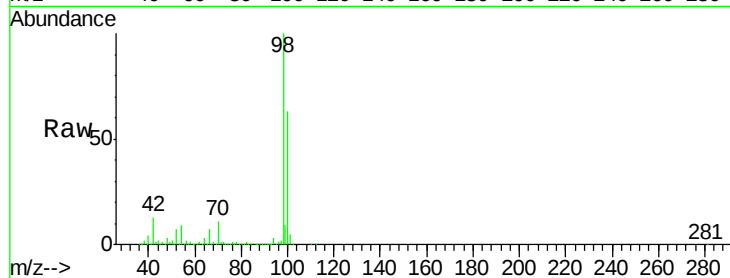
PB110408ZHE#04

Tot Ion: 98 Resp: 458395

Ion Ratio Lower Upper

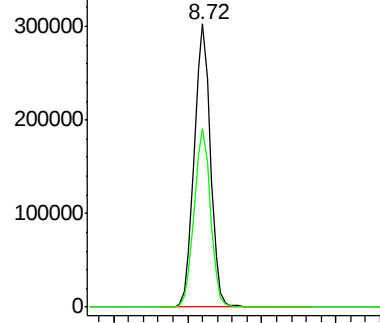
98 100

100 63.5 50.9 76.3

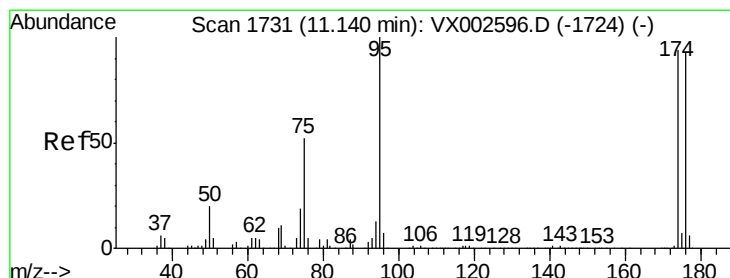
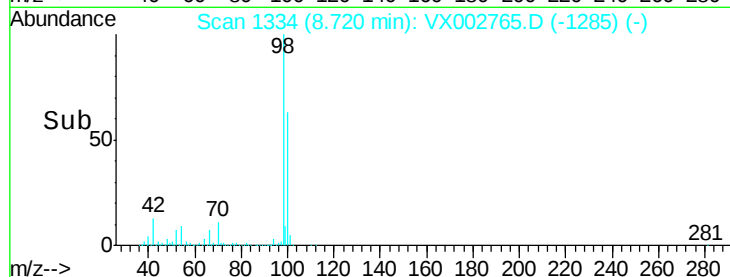


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



Time-->



#62

4-Bromofluorobenzene

Concen: 43.02 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002765.D

Acq: 21 Jun 2018 02:32

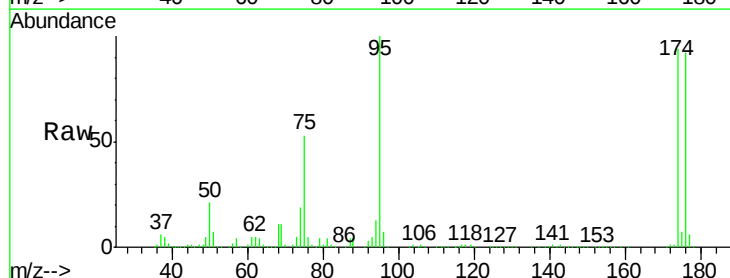
Tgt Ion: 95 Resp: 158124

Ion Ratio Lower Upper

95 100

174 97.0 0.0 187.4

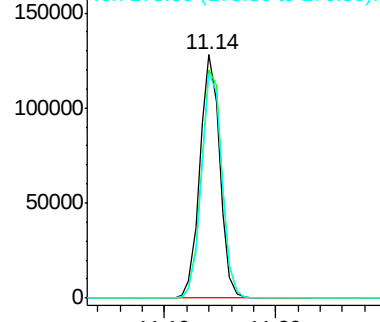
176 94.7 0.0 181.0



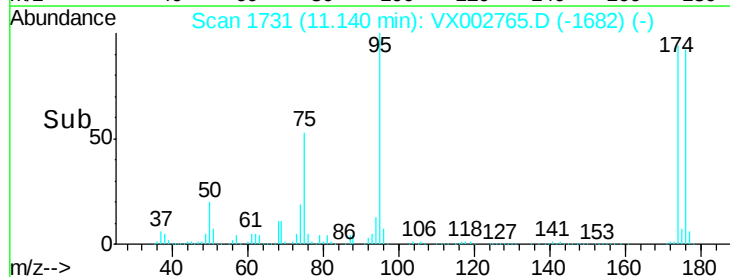
Abundance Ion 94.90 (94.60 to 95.60): VX0

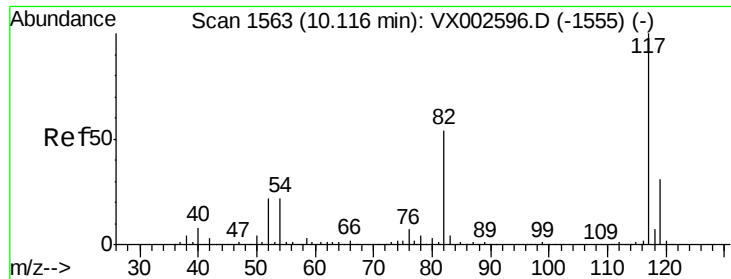
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002765.D

Acq: 21 Jun 2018 02:32

Instrument :

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PB110408ZHE#04

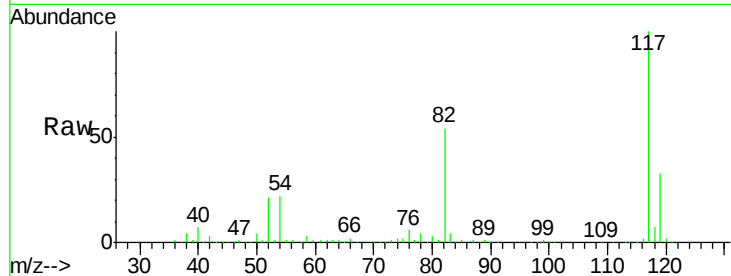
Tot Ion:117 Resp: 298346

Ion Ratio Lower Upper

117 100

82 53.8 45.0 67.4

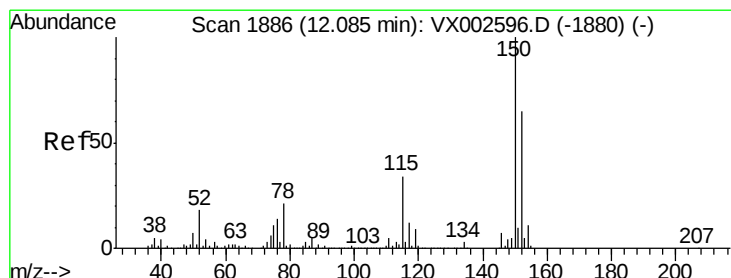
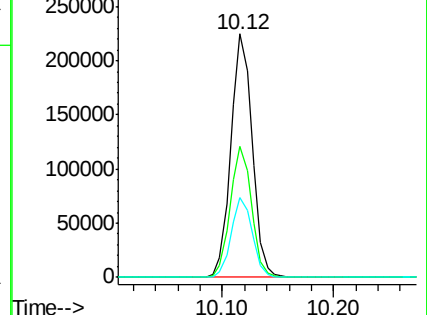
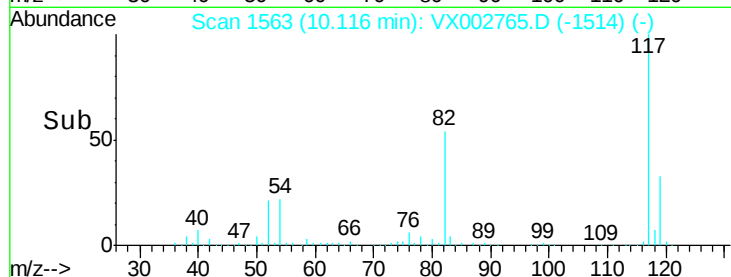
119 32.9 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

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: VX002765.D

Acq: 21 Jun 2018 02:32

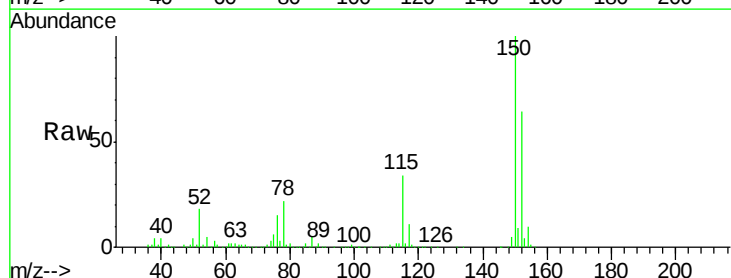
Tgt Ion:152 Resp: 167272

Ion Ratio Lower Upper

152 100

115 54.7 40.1 120.2

150 156.2 0.0 347.2



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

