

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061318\
 Data File : VX002521.D
 Acq On : 13 Jun 2018 20:55
 Operator : JC/MD
 Sample : PB110146TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110146TB

Quant Time: Jun 14 03:26:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

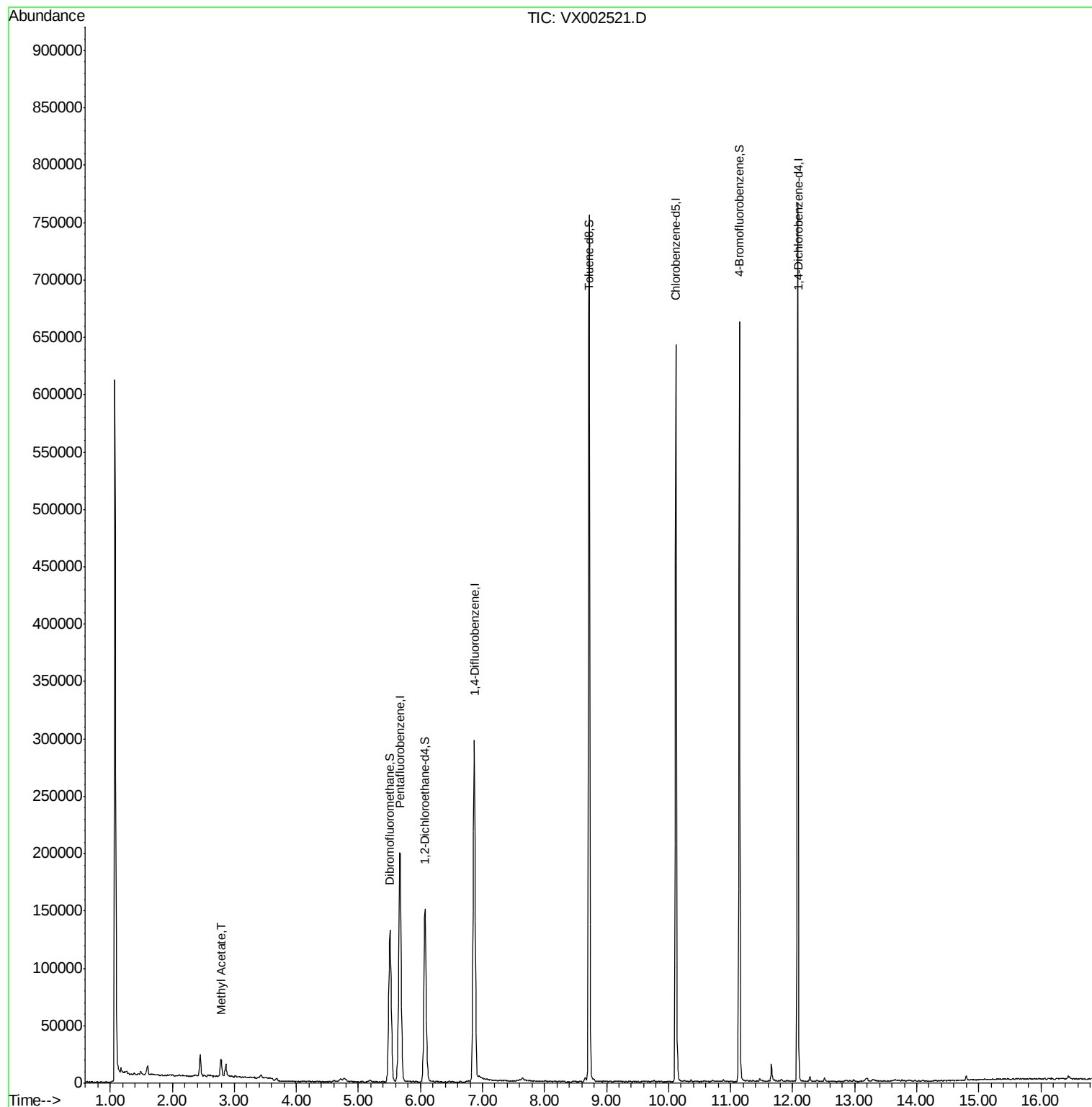
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	195409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	289524	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	275707	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	158801	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	143895	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
35) Dibromofluoromethane	5.51	113	106076	46.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.18%	
50) Toluene-d8	8.72	98	421453	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
62) 4-Bromofluorobenzene	11.14	95	148701	44.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.38%	
Target Compounds						
18) Methyl Acetate	2.78	43	19704	4.587	ug/l	Qvalue 98

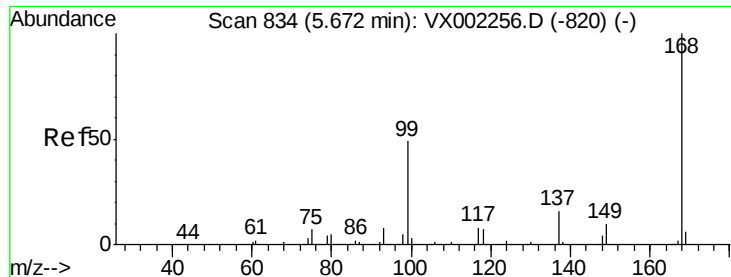
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002521.D

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Instrument :

MSVOA_X

ClientSampleId :

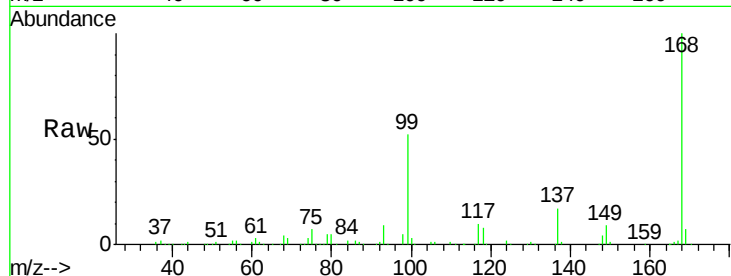
PB110146TB

Tot Ion:168 Resp: 195409

Ion Ratio Lower Upper

168 100

99 51.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

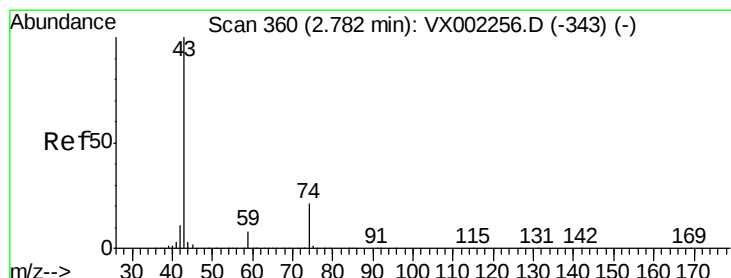
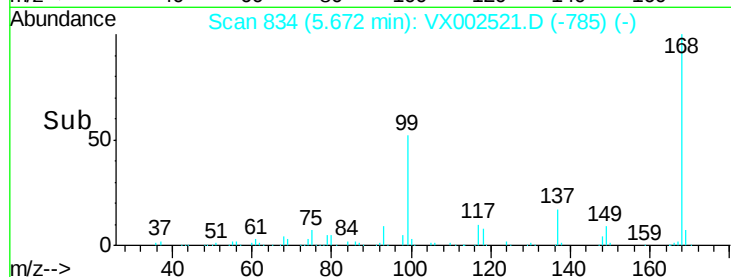
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#18

Methyl Acetate

Concen: 4.587 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002521.D

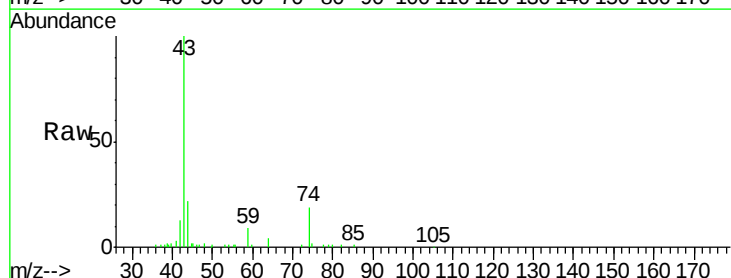
Acq: 13 Jun 2018 20:55

Tgt Ion: 43 Resp: 19704

Ion Ratio Lower Upper

43 100

74 21.7 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

12000

10000

8000

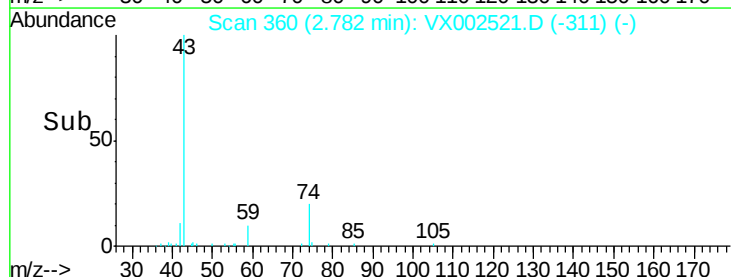
6000

4000

2000

0

Time--> 2.70 2.75 2.80 2.85

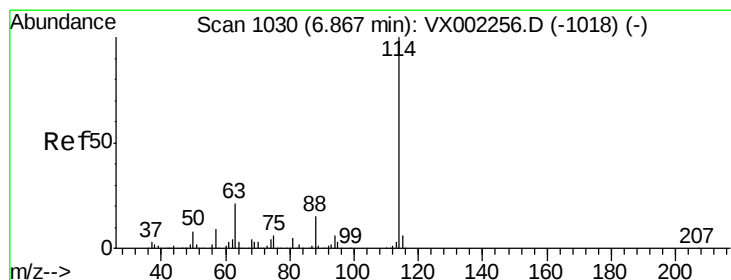
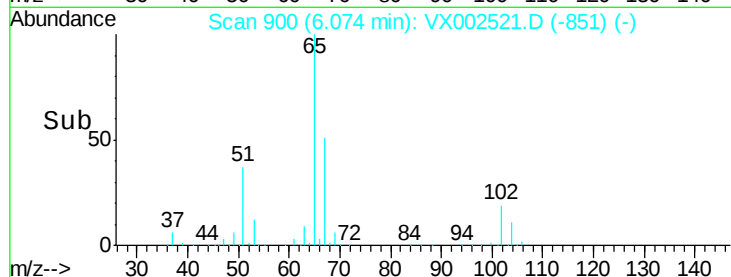
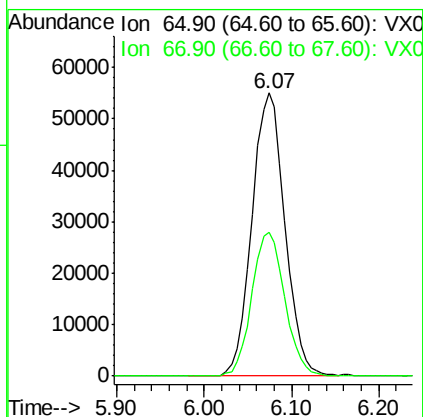
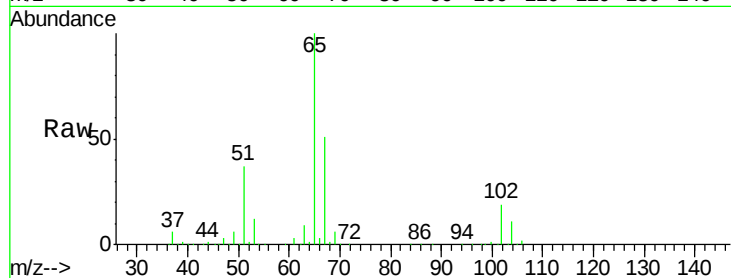




#33
 1,2-Dichloroethane-d4
 Concen: 51.606 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002521.D
 Acq: 13 Jun 2018 20:55

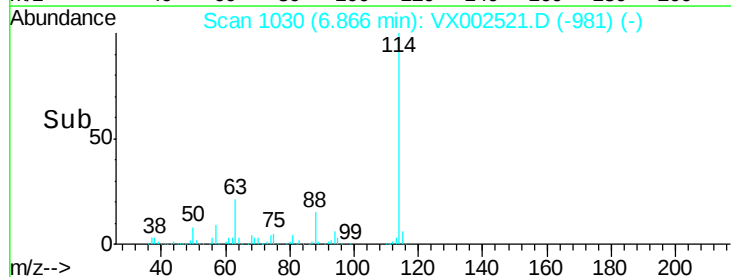
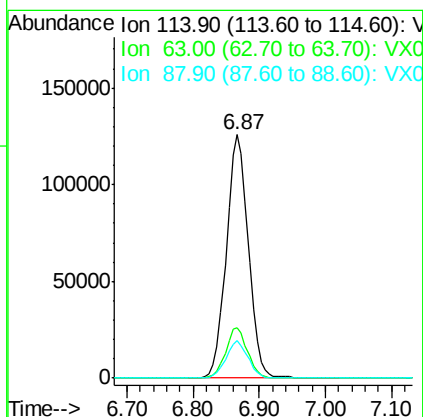
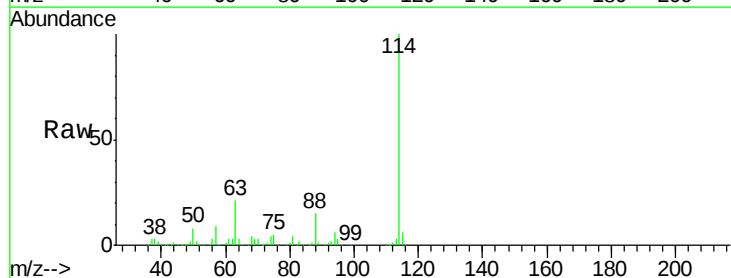
Instrument :
 MSVOA_X
 ClientSampleId :
 PB110146TB

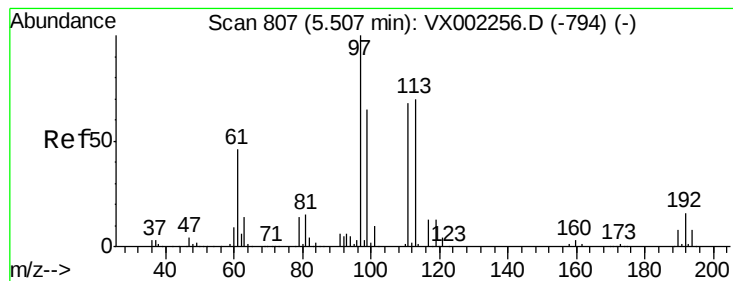
Tot Ion: 65 Resp: 143895
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002521.D
 Acq: 13 Jun 2018 20:55

Tgt Ion: 114 Resp: 289524
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 15.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 46.589 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002521.D

Acq: 13 Jun 2018 20:55

Instrument :

MSVOA_X

ClientSampled :

PB110146TB

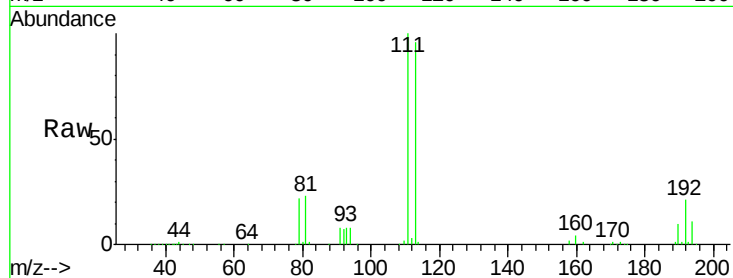
Tot Ion:113 Resp: 106076

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

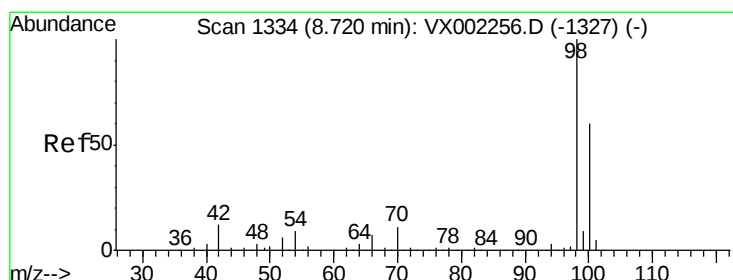
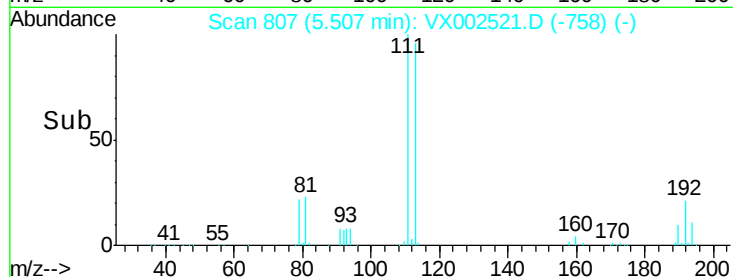
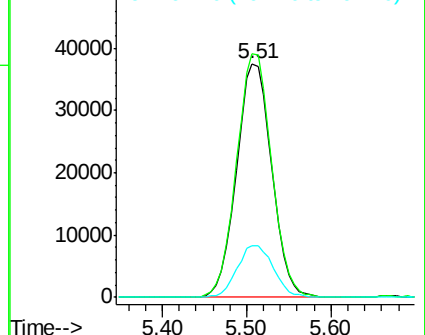
192 22.6 19.1 28.7



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: 48.293 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002521.D

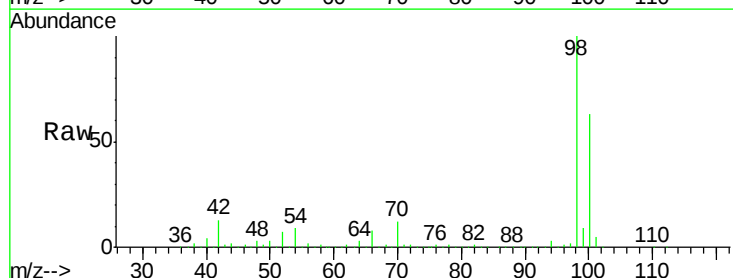
Acq: 13 Jun 2018 20:55

Tgt Ion: 98 Resp: 421453

Ion Ratio Lower Upper

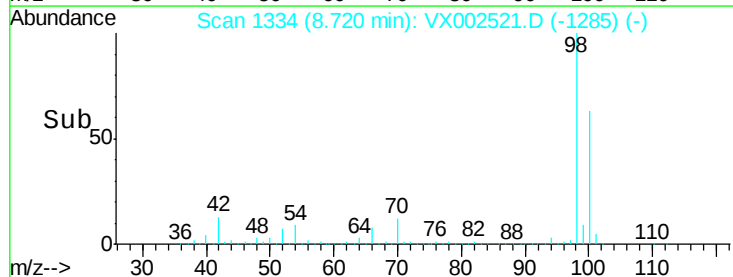
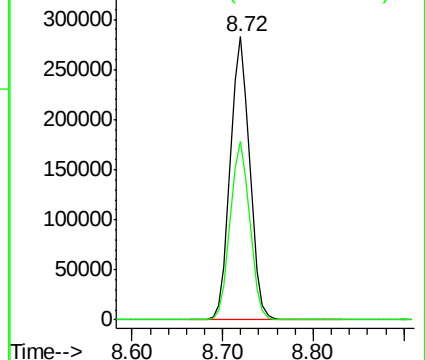
98 100

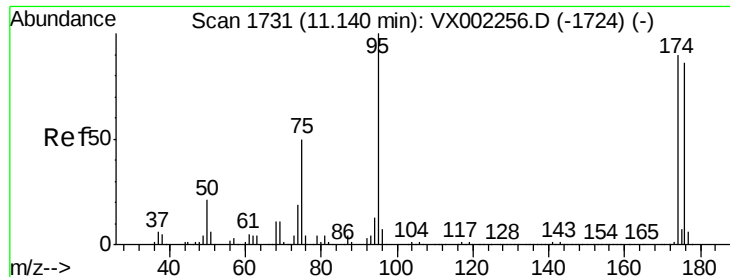
100 63.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.187 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002521.D

Acq: 13 Jun 2018 20:55

Instrument :

MSVOA_X

ClientSampleId :

PB110146TB

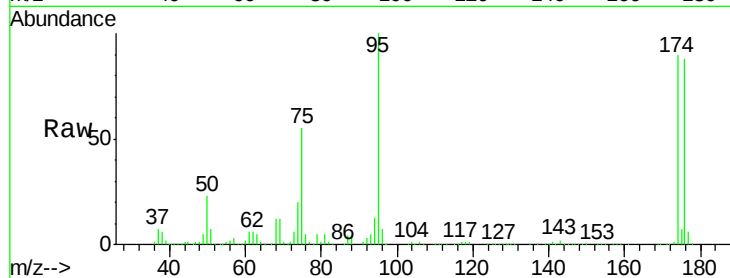
Tot Ion: 95 Resp: 148701

Ion Ratio Lower Upper

95 100

174 94.9 0.0 187.4

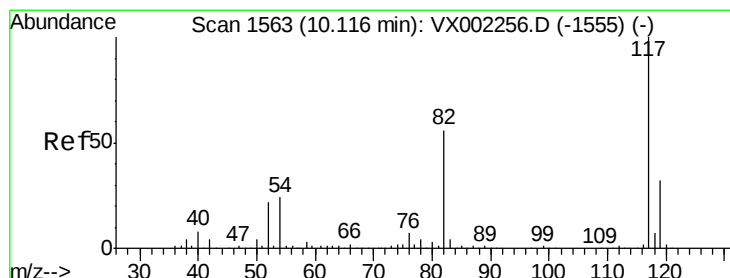
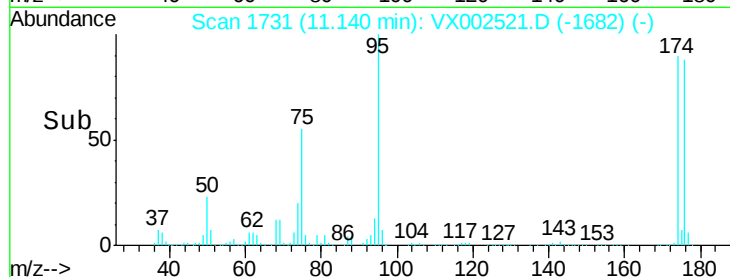
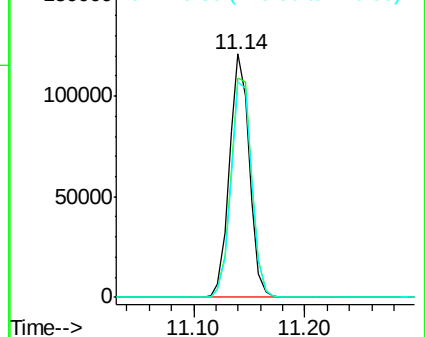
176 92.4 0.0 181.0



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002521.D

Acq: 13 Jun 2018 20:55

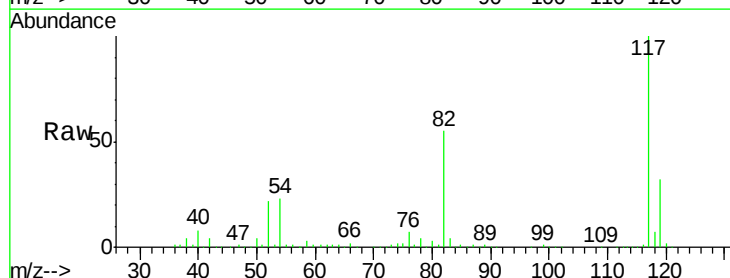
Tgt Ion: 117 Resp: 275707

Ion Ratio Lower Upper

117 100

82 54.9 45.0 67.4

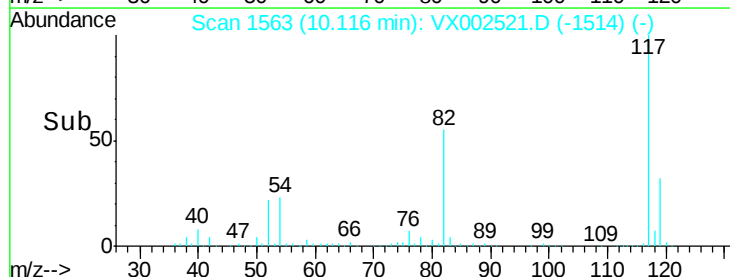
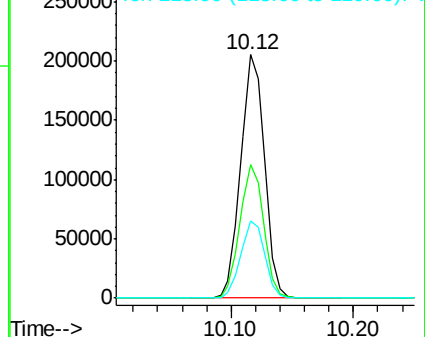
119 31.7 25.8 38.6

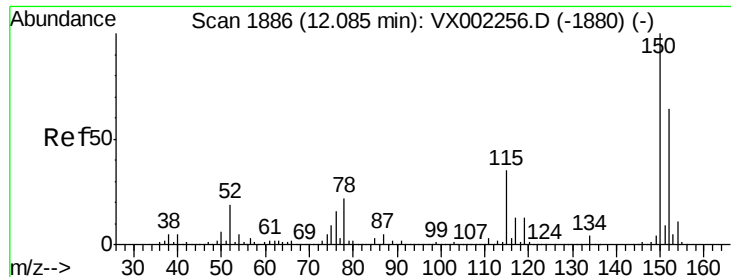


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002521.D

Acq: 13 Jun 2018 20:55

Instrument :

MSVOA_X

ClientSampleId :

PB110146TB

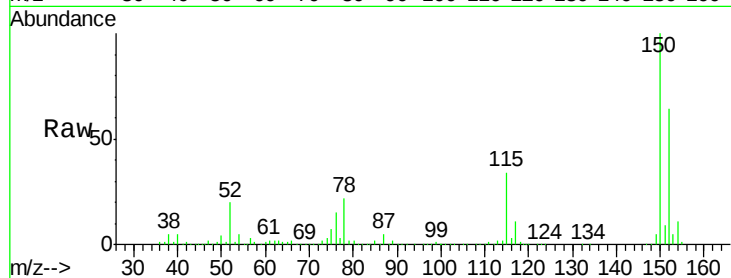
Tot Ion:152 Resp: 158801

Ion Ratio Lower Upper

152 100

115 55.3 40.1 120.2

150 155.6 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

