

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003077.D
 Acq On : 30 Jun 2018 14:30
 Operator : JC/MD
 Sample : J3716-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-TB-2018-1

Quant Time: Jul 02 03:29:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	282051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	396796	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	364005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	203743	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	184382	47.30	ug/l	0.00
Spiked Amount			Recovery	=	94.60%	
35) Dibromofluoromethane	5.51	113	152091	48.40	ug/l	0.00
Spiked Amount			Recovery	=	96.80%	
50) Toluene-d8	8.72	98	550296	47.96	ug/l	0.00
Spiked Amount			Recovery	=	95.92%	
62) 4-Bromofluorobenzene	11.14	95	194892	44.04	ug/l	0.00
Spiked Amount			Recovery	=	88.08%	

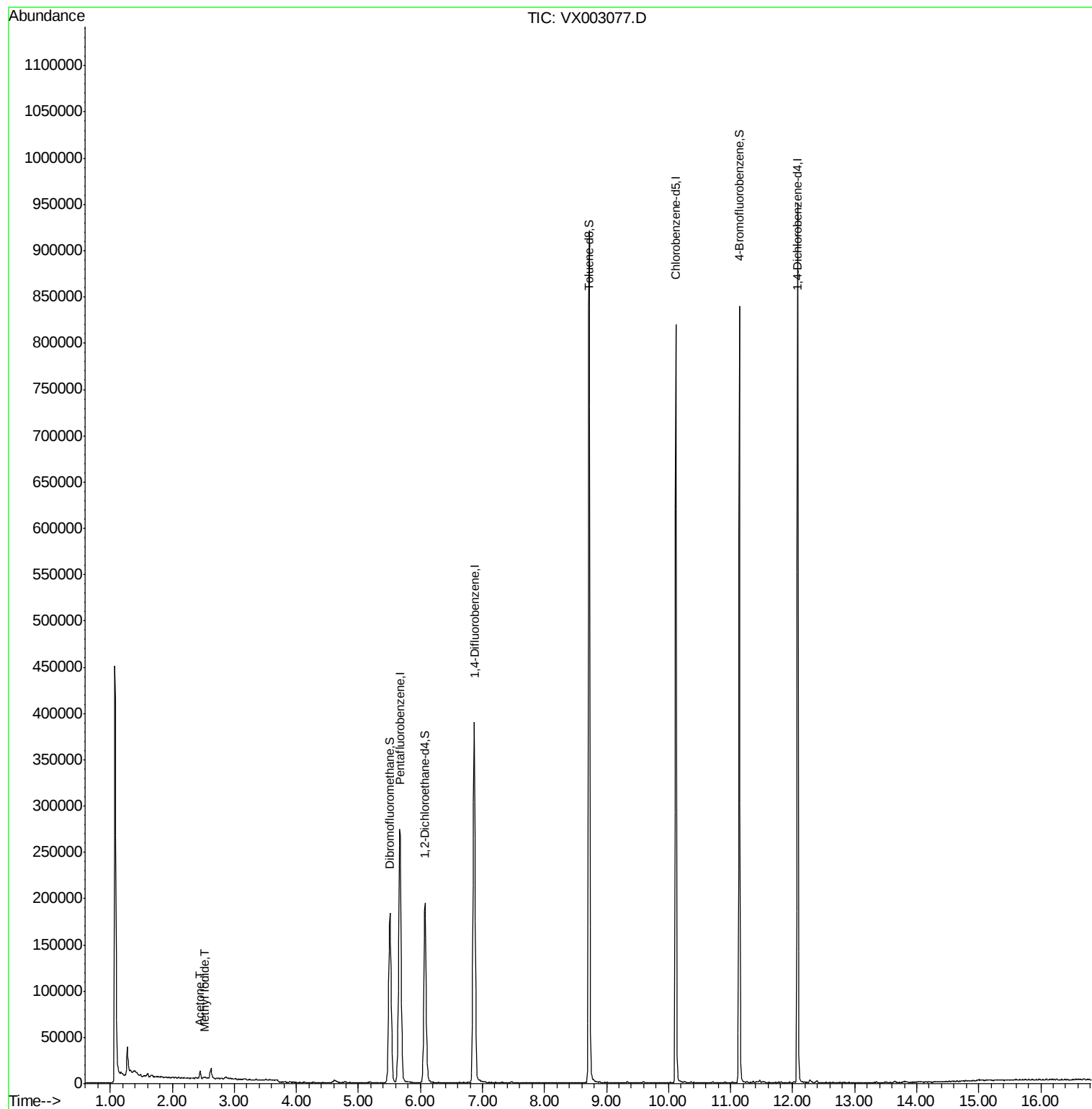
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	2286	6.86	ug/l	# 97
16) Acetone	2.45	43	7212	4.47	ug/l	93

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

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QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003077.D

Acq: 30 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

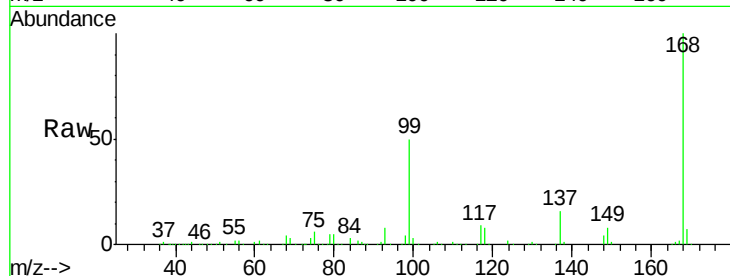
S22-TB-2018-1

Tot Ion:168 Resp: 282051

Ion Ratio Lower Upper

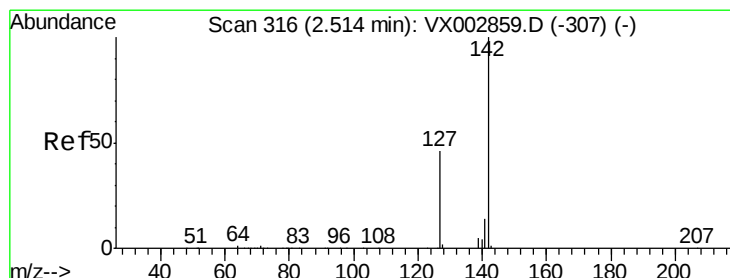
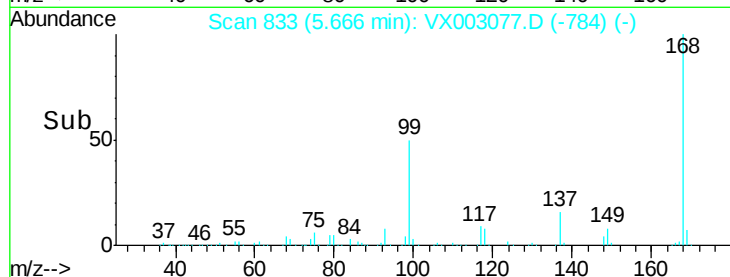
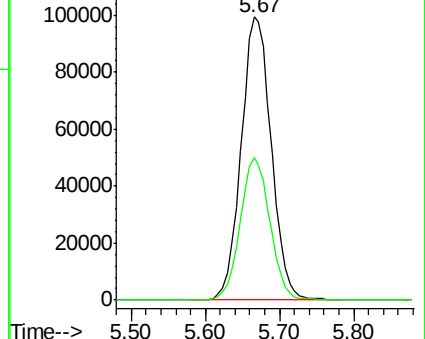
168 100

99 50.3 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: 6.86 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003077.D

Acq: 30 Jun 2018 14:30

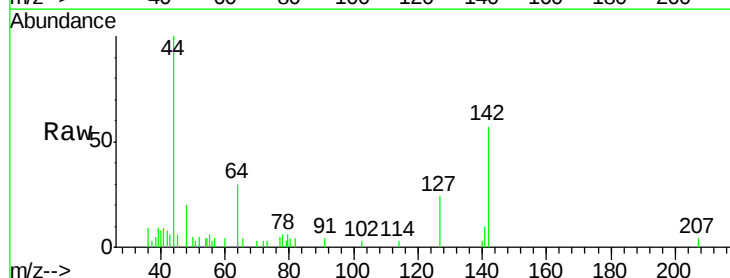
Tgt Ion:142 Resp: 2286

Ion Ratio Lower Upper

142 100

127 46.5 36.6 55.0

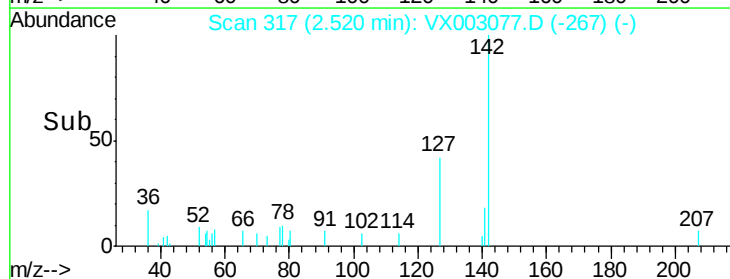
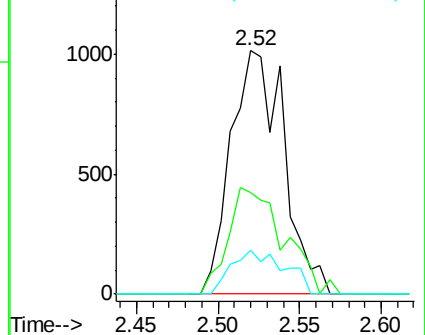
141 18.2 11.3 16.9#

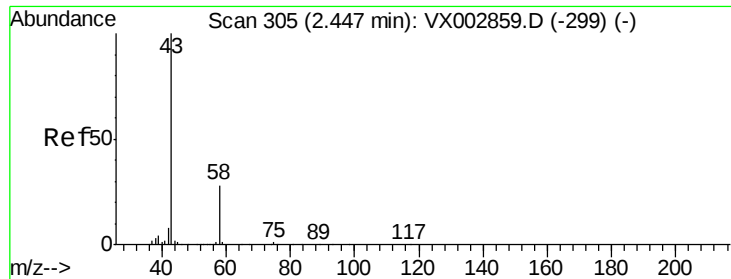


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 4.47 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003077.D

Acq: 30 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

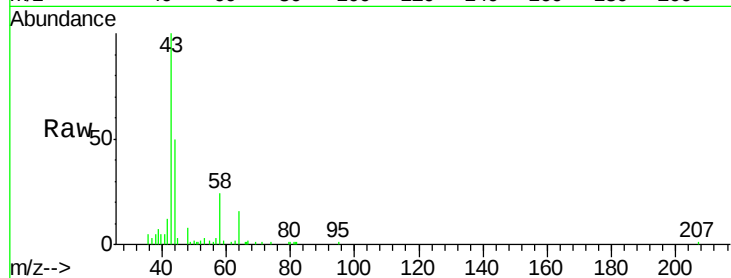
S22-TB-2018-1

Tot Ion: 43 Resp: 7212

Ion Ratio Lower Upper

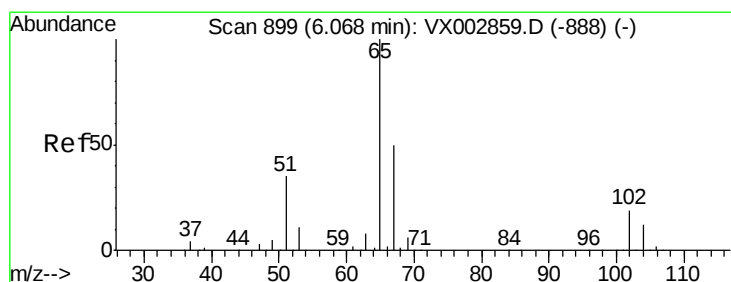
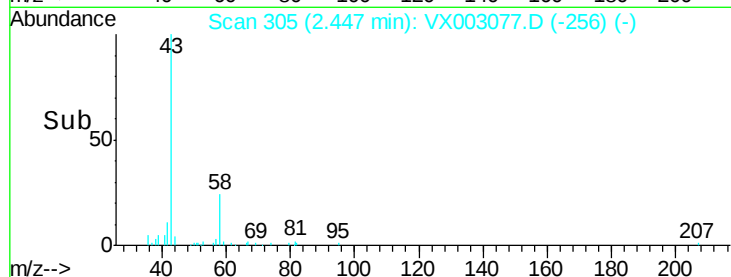
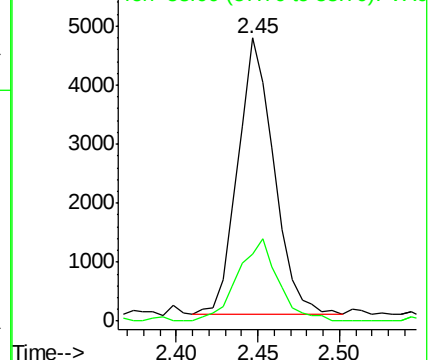
43 100

58 24.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.30 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003077.D

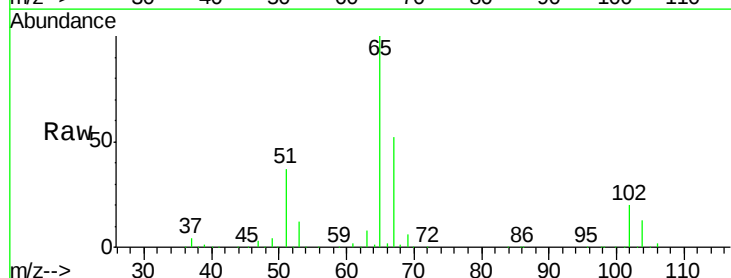
Acq: 30 Jun 2018 14:30

Tgt Ion: 65 Resp: 184382

Ion Ratio Lower Upper

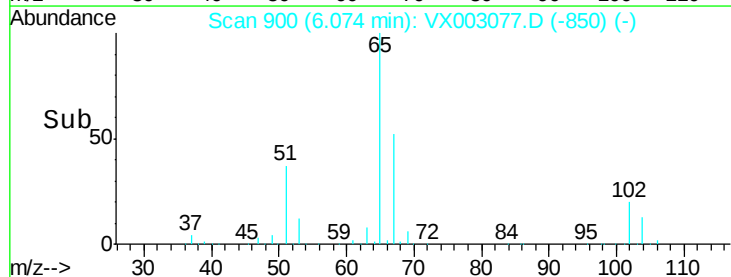
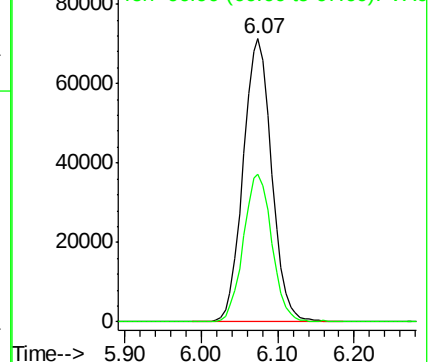
65 100

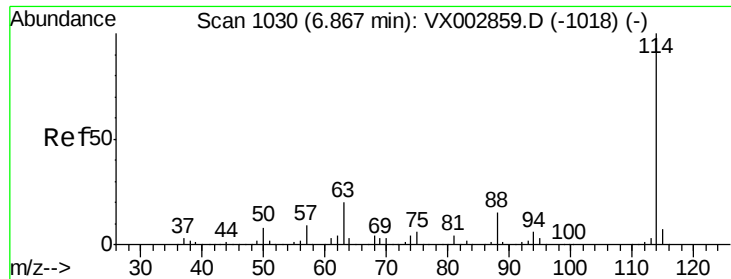
67 52.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

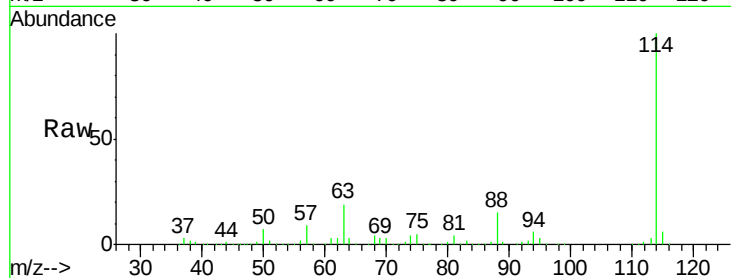




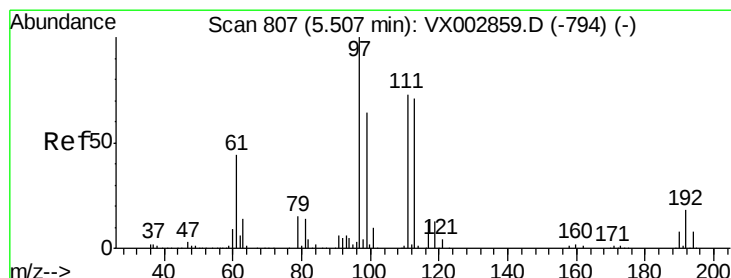
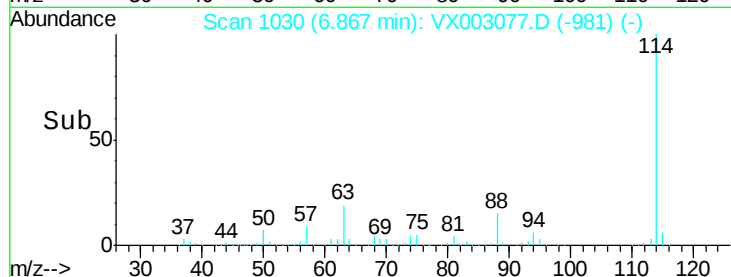
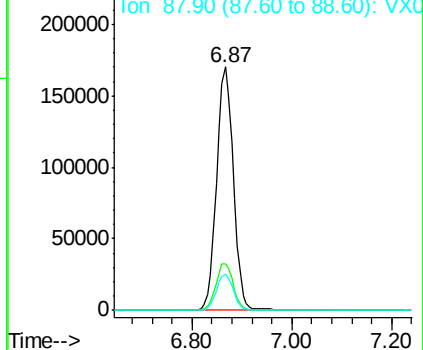
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003077.D
 Acq: 30 Jun 2018 14:30

Instrument :
 MSVOA_X
 ClientSampleId :
 S22-TB-2018-1

Tot Ion:114 Resp: 396796
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 41.4
 88 14.8 0.0 30.0

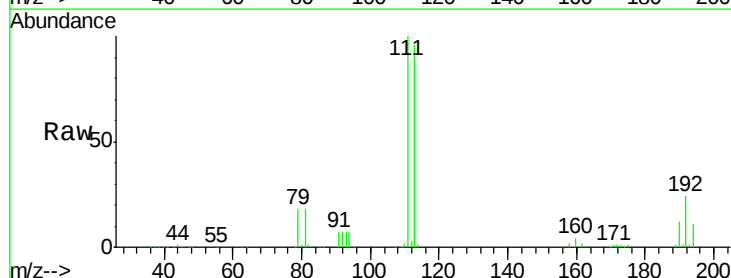


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

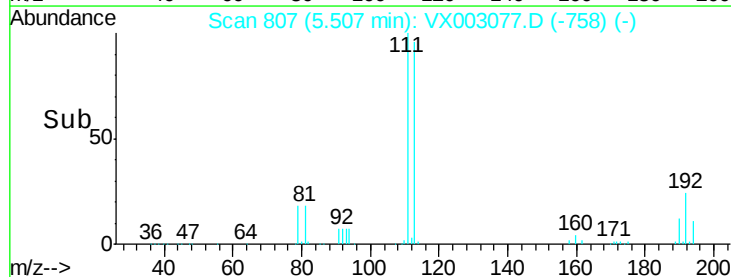
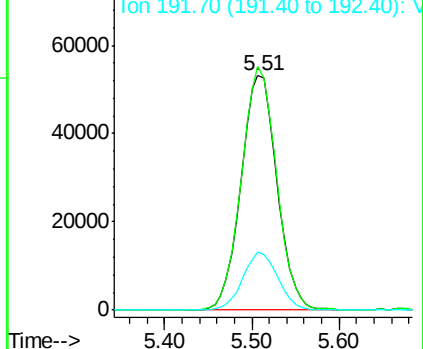


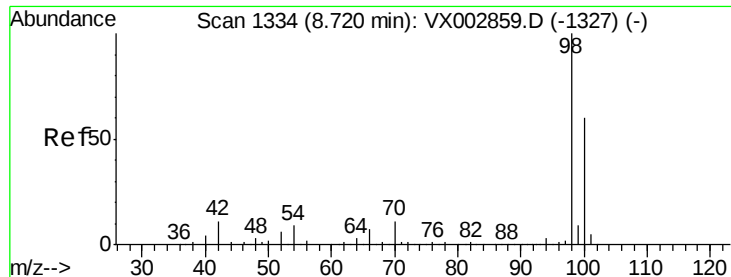
#35
 Dibromofluoromethane
 Concen: 48.40 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003077.D
 Acq: 30 Jun 2018 14:30

Tgt Ion:113 Resp: 152091
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.4 122.0
 192 24.1 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: 47.96 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003077.D

Acq: 30 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

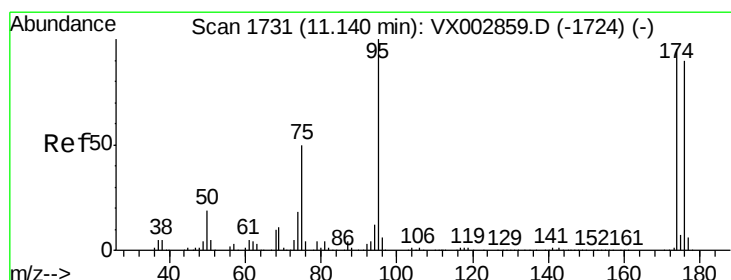
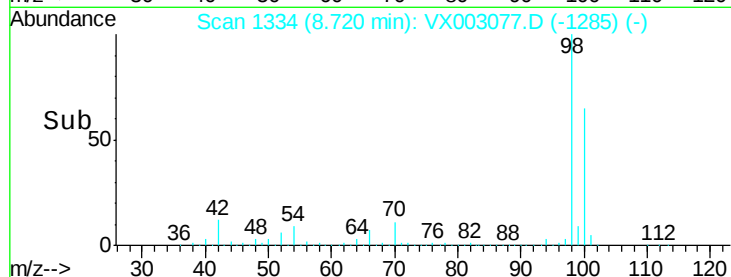
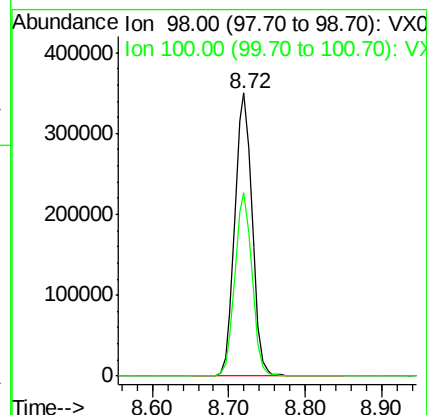
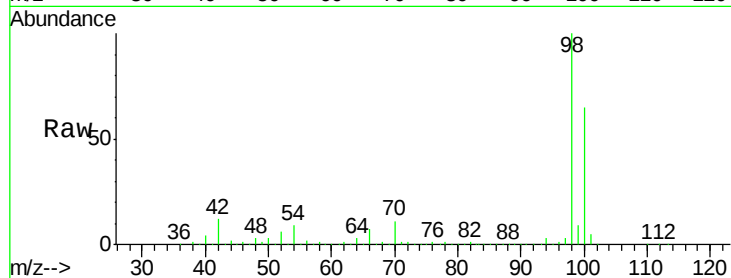
S22-TB-2018-1

Tot Ion: 98 Resp: 550296

Ion Ratio Lower Upper

98 100

100 64.1 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 44.04 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003077.D

Acq: 30 Jun 2018 14:30

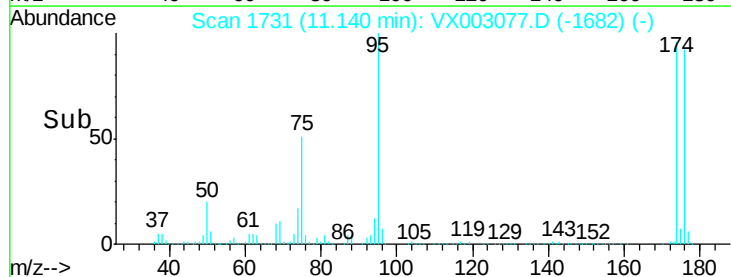
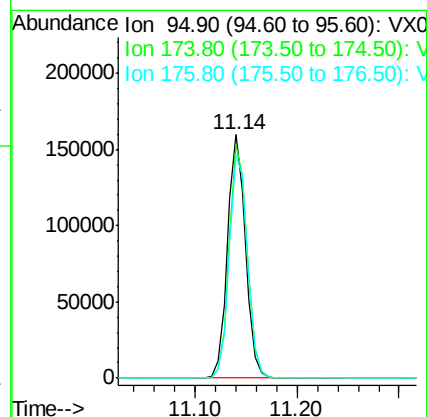
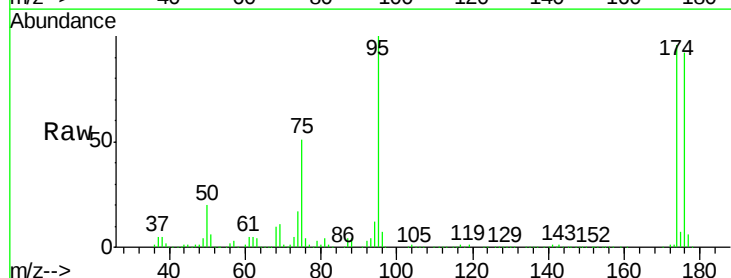
Tgt Ion: 95 Resp: 194892

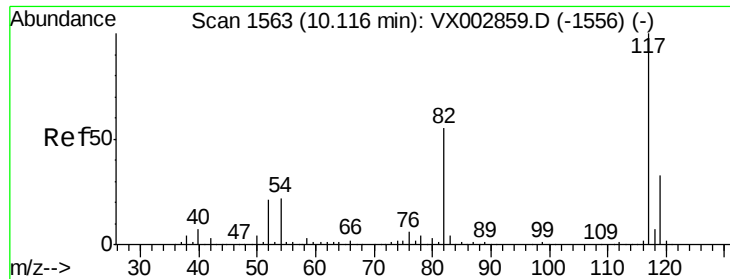
Ion Ratio Lower Upper

95 100

174 96.5 0.0 187.4

176 93.4 0.0 181.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003077.D

Acq: 30 Jun 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

S22-TB-2018-1

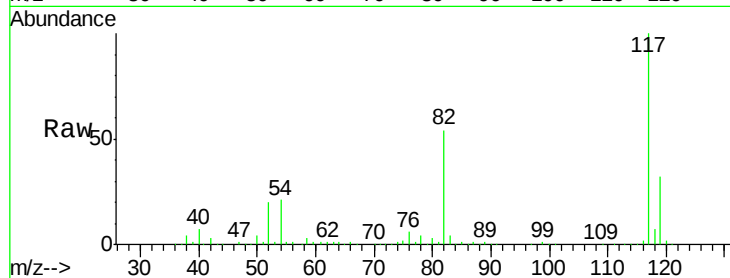
Tot Ion:117 Resp: 364005

Ion Ratio Lower Upper

117 100

82 53.7 45.0 67.4

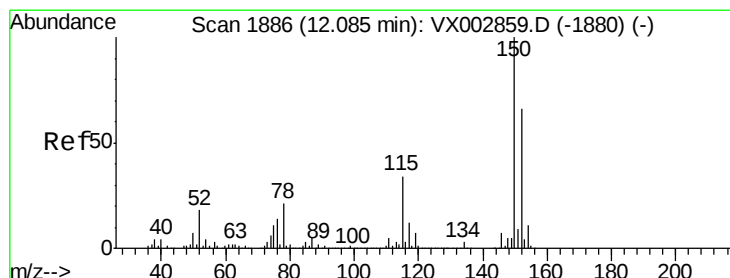
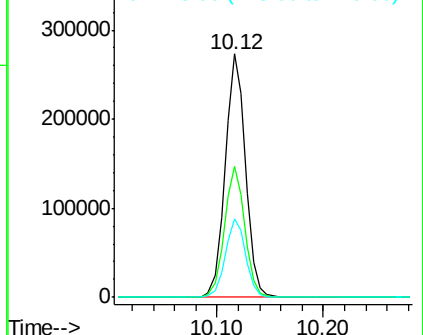
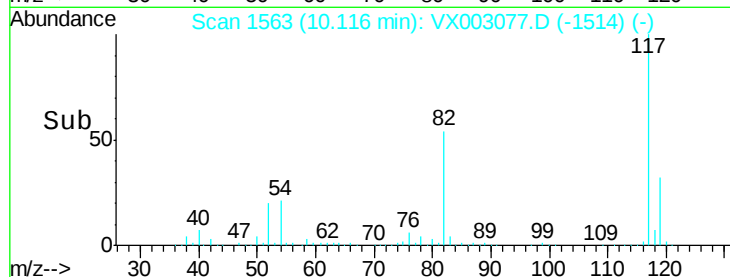
119 32.3 25.8 38.6



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: VX003077.D

Acq: 30 Jun 2018 14:30

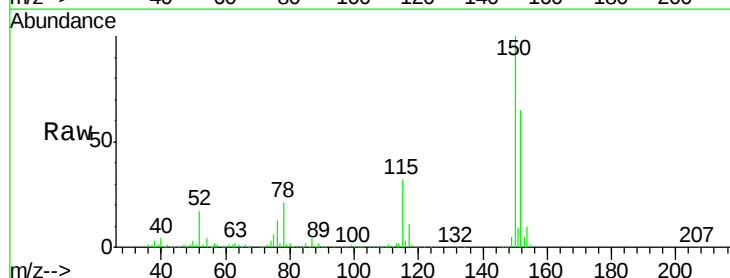
Tgt Ion:152 Resp: 203743

Ion Ratio Lower Upper

152 100

115 53.8 40.1 120.2

150 156.3 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

