

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003270.D
 Acq On : 10 Jul 2018 03:10
 Operator : JC/MD
 Sample : J3585-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-01RE

Quant Time: Jul 10 11:37:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

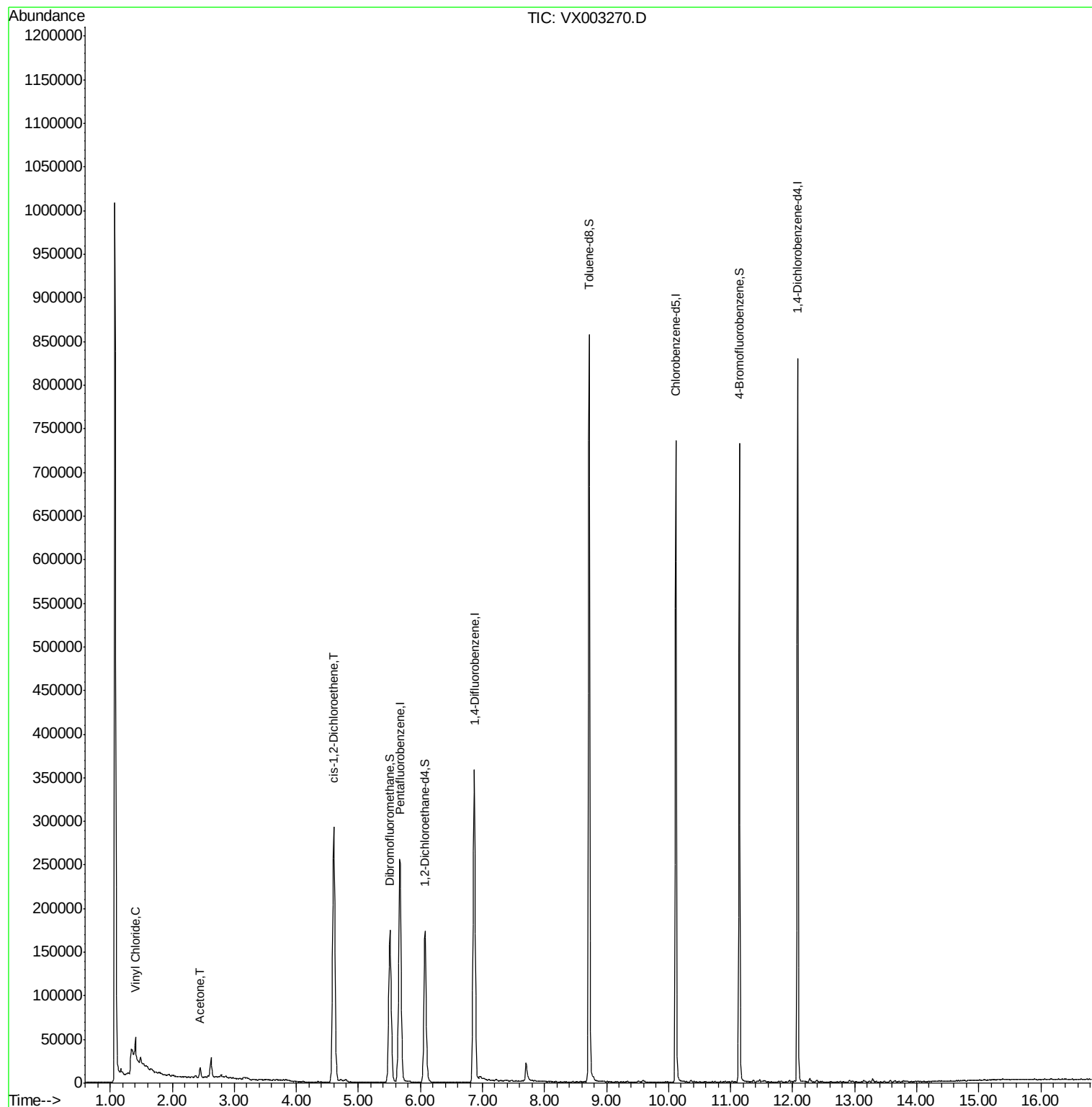
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	271840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	373048	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	333540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	185592	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	166782	38.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.96%	
35) Dibromofluoromethane	5.51	113	144395	36.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.06%	
50) Toluene-d8	8.72	98	510958	35.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.78%	
62) 4-Bromofluorobenzene	11.14	95	171666	32.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.28%	
Target Compounds						
4) Vinyl Chloride	1.40	62	13542	3.51	ug/l	# 64
16) Acetone	2.45	43	13702	9.02	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	192185	48.02	ug/l	79

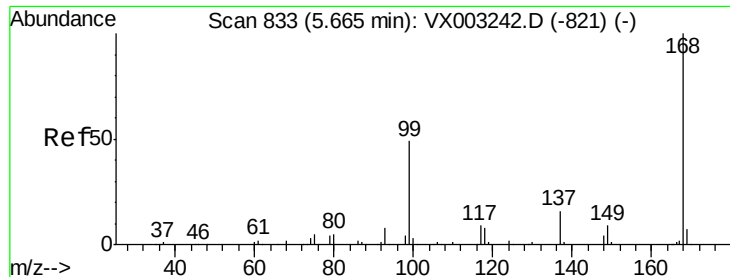
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003270.D

Acq: 10 Jul 2018 03:10

Instrument :

MSVOA_X

ClientSampled :

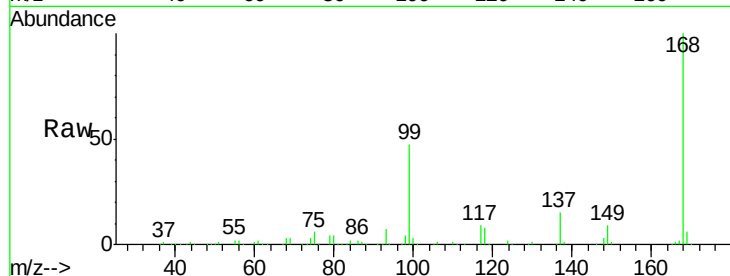
DUP-01RE

Tot Ion:168 Resp: 271840

Ion Ratio Lower Upper

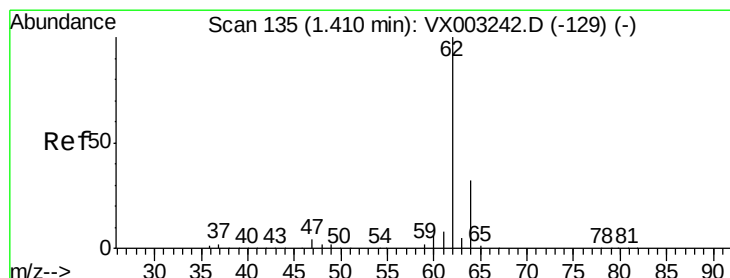
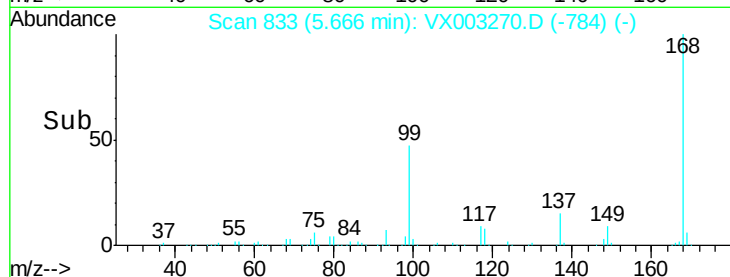
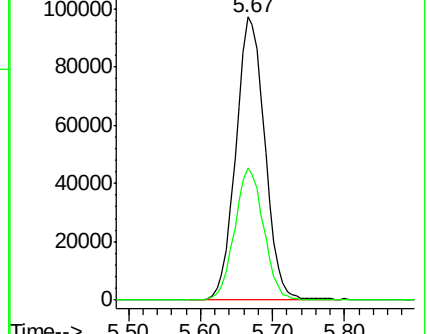
168 100

99 46.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 3.51 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003270.D

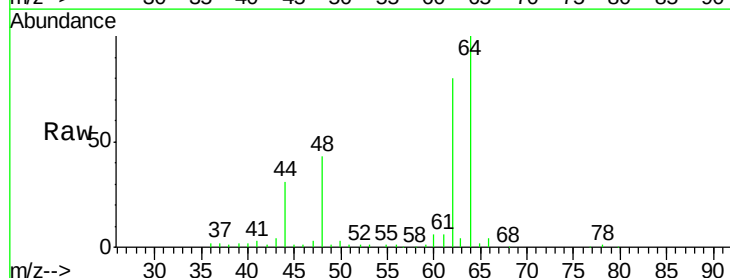
Acq: 10 Jul 2018 03:10

Tgt Ion: 62 Resp: 13542

Ion Ratio Lower Upper

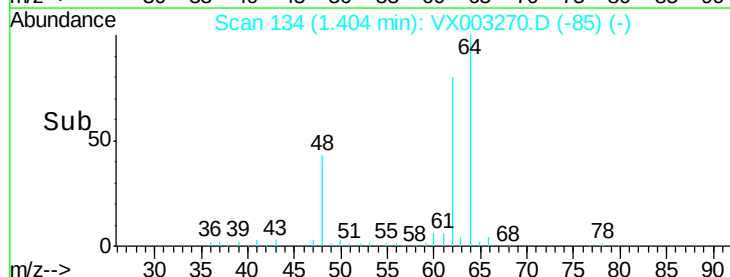
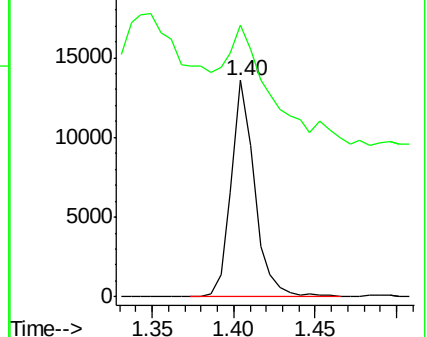
62 100

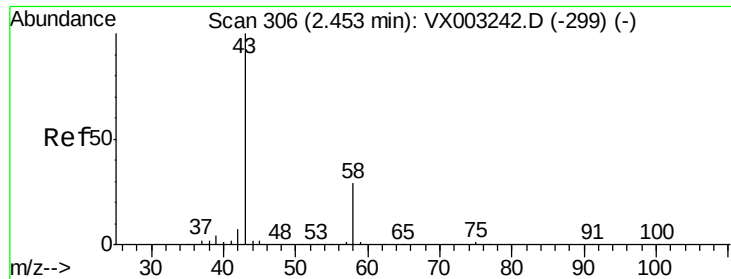
64 51.8 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 9.02 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003270.D

Acq: 10 Jul 2018 03:10

Instrument :

MSVOA_X

ClientSampleId :

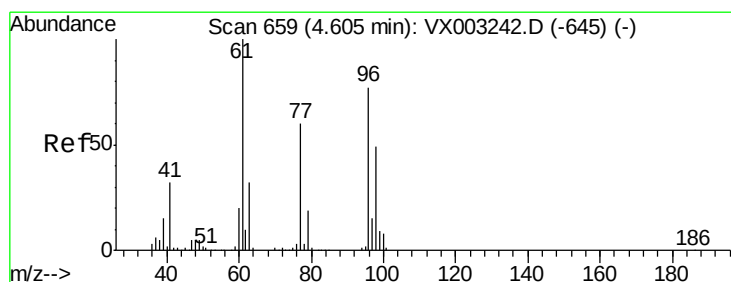
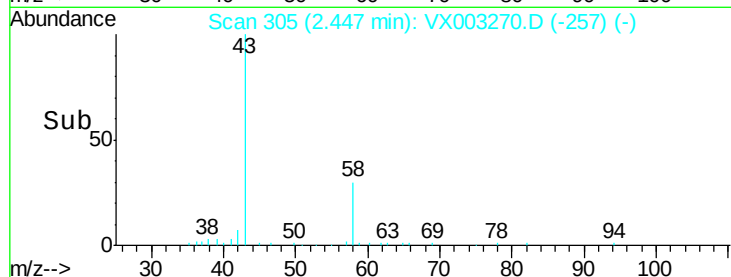
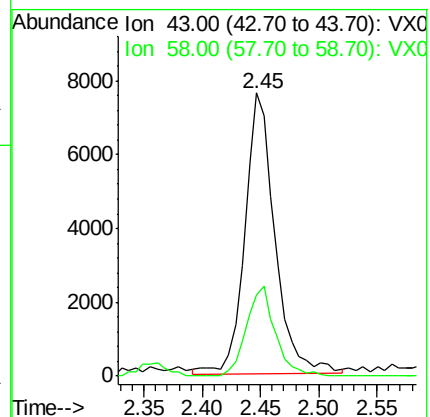
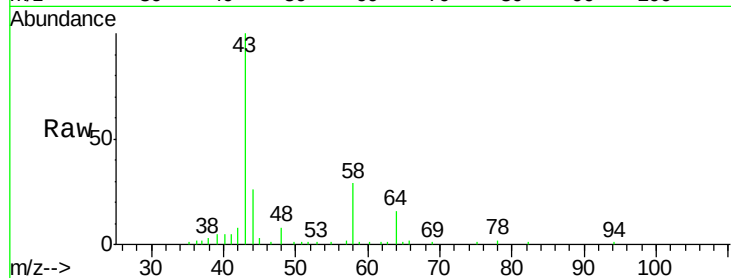
DUP-01RE

Tot Ion: 43 Resp: 13702

Ion Ratio Lower Upper

43 100

58 29.5 22.1 33.1



#27

cis-1,2-Dichloroethene

Concen: 48.02 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003270.D

Acq: 10 Jul 2018 03:10

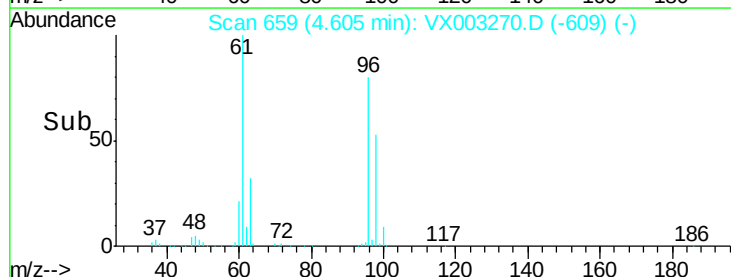
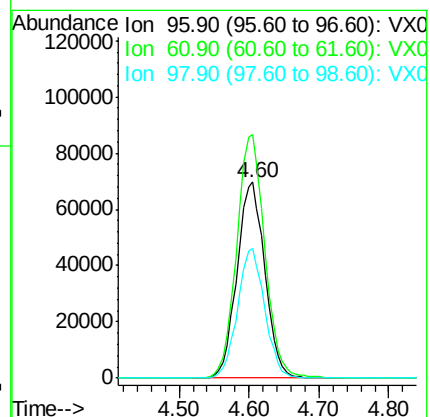
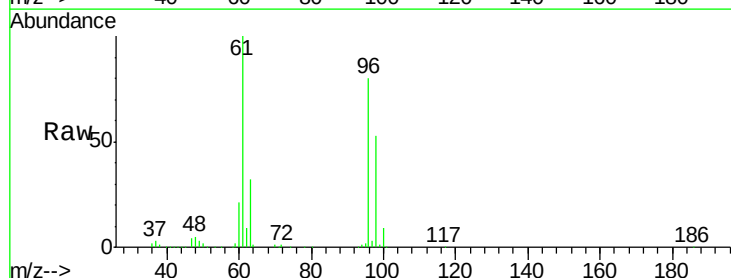
Tgt Ion: 96 Resp: 192185

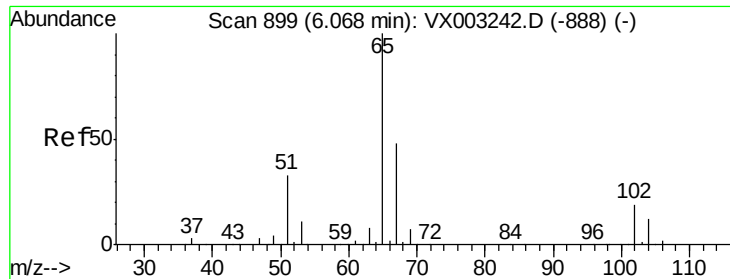
Ion Ratio Lower Upper

96 100

61 125.9 0.0 330.2

98 64.6 0.0 130.2

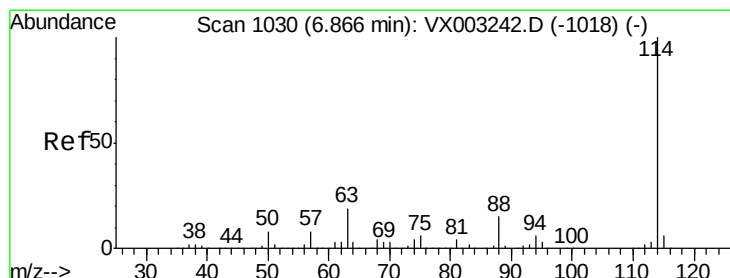
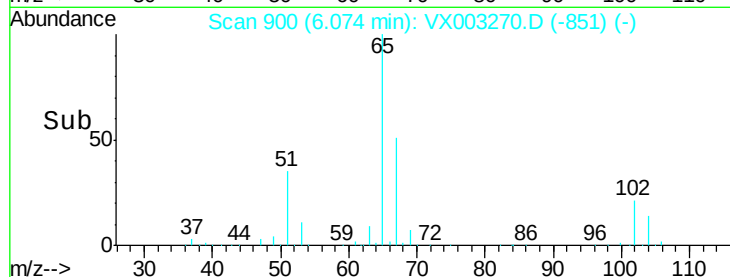
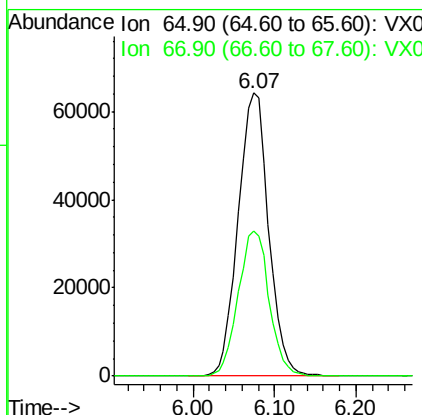
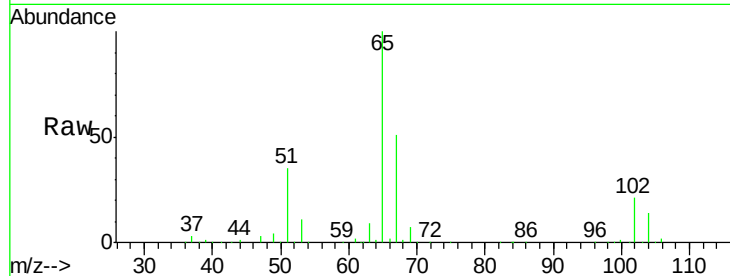




#33
 1,2-Dichloroethane-d4
 Concen: 38.98 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003270.D
 Acq: 10 Jul 2018 03:10

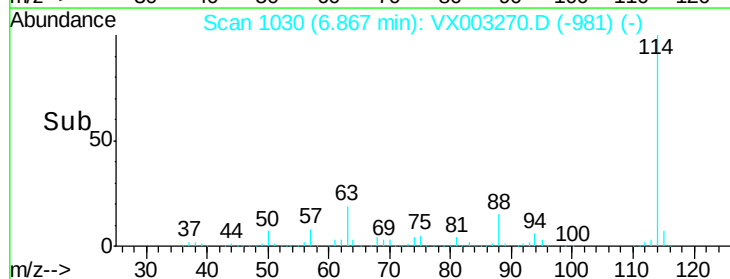
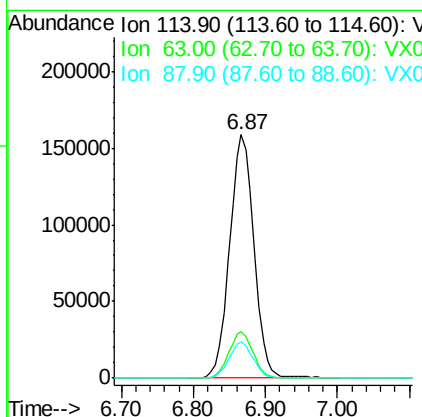
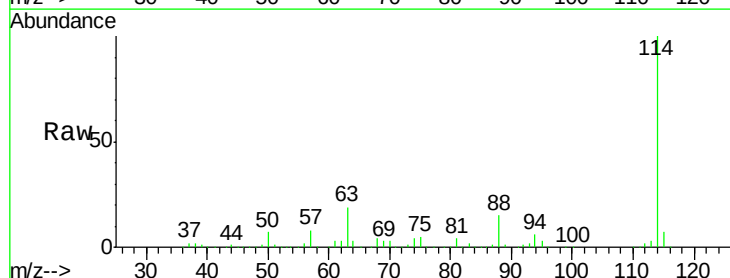
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-01RE

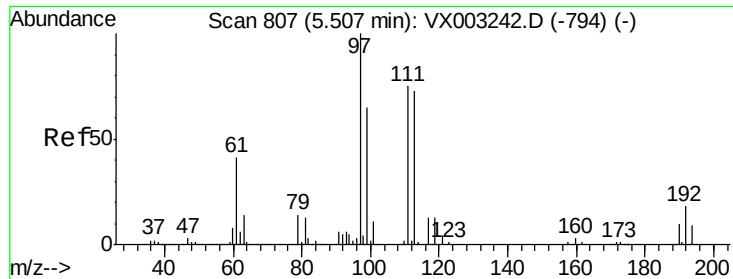
Tot Ion: 65 Resp: 166782
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003270.D
 Acq: 10 Jul 2018 03:10

Tgt Ion: 114 Resp: 373048
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 41.4
 88 14.7 0.0 30.0

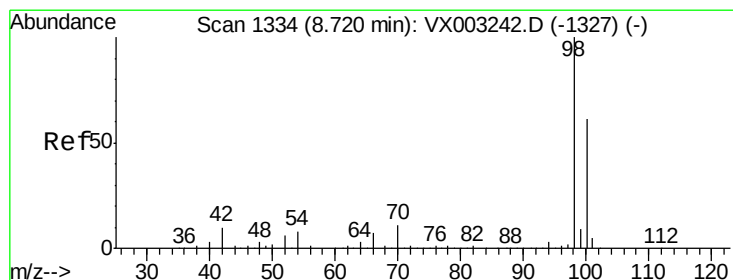
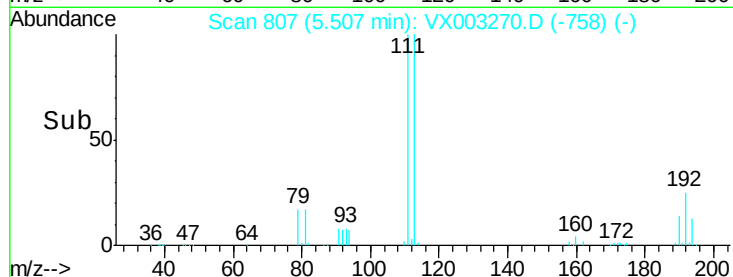
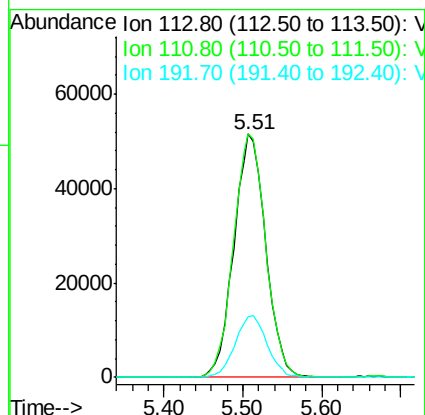
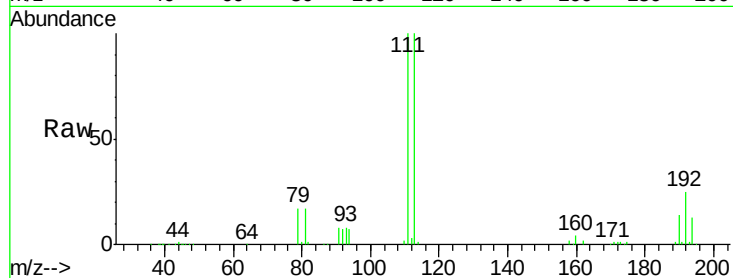




#35
 Dibromofluoromethane
 Concen: 36.03 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003270.D
 Acq: 10 Jul 2018 03:10

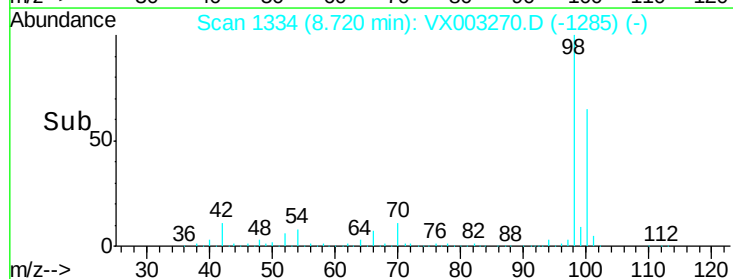
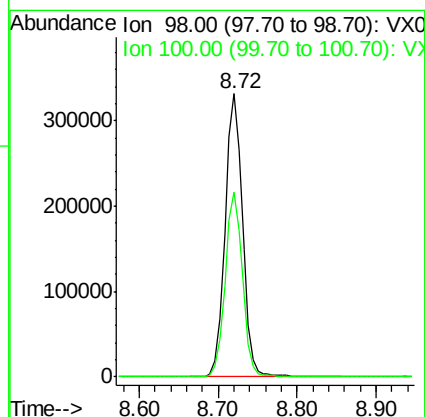
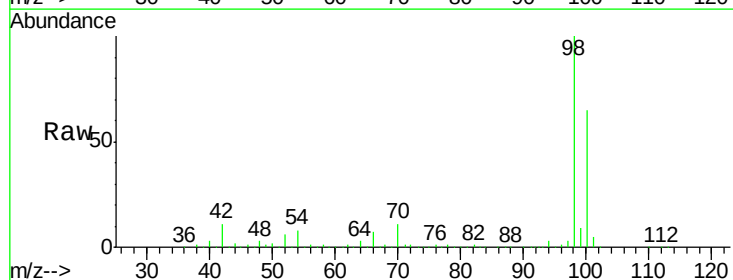
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-01RE

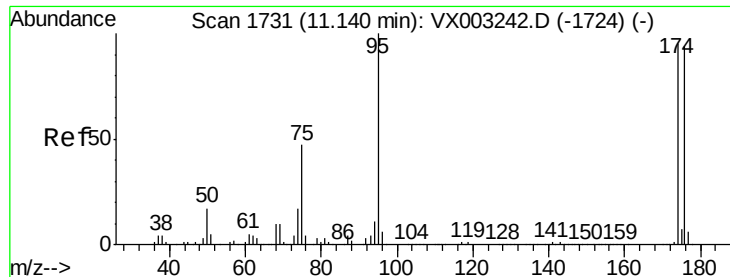
Tot Ion:113 Resp: 144395
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.4 122.0
 192 25.5 19.1 28.7



#50
 Toluene-d8
 Concen: 35.89 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003270.D
 Acq: 10 Jul 2018 03:10

Tgt Ion: 98 Resp: 510958
 Ion Ratio Lower Upper
 98 100
 100 64.5 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 32.64 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003270.D

Acq: 10 Jul 2018 03:10

Instrument :

MSVOA_X

ClientSampleId :

DUP-01RE

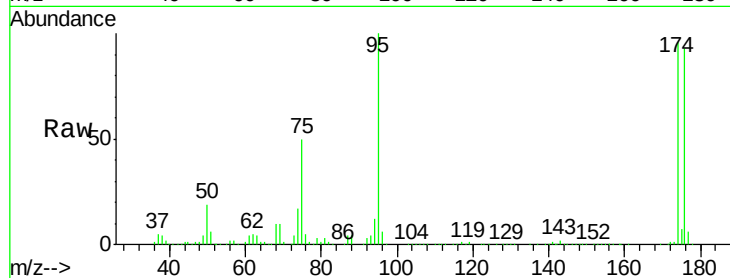
Tot Ion: 95 Resp: 171666

Ion Ratio Lower Upper

95 100

174 100.5 0.0 187.4

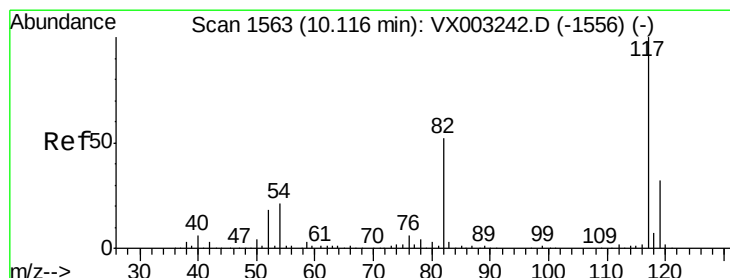
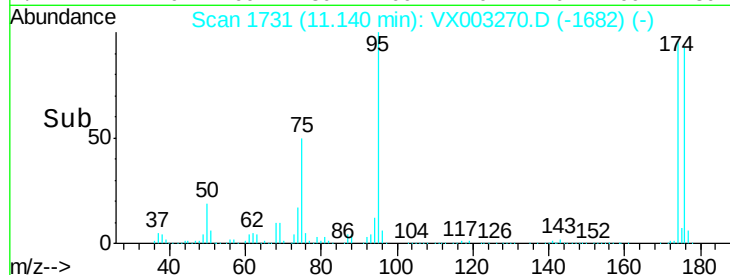
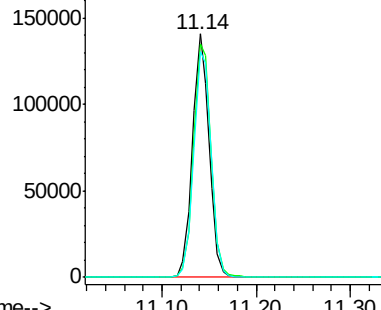
176 97.0 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX003270.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX003270.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX003270.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003270.D

Acq: 10 Jul 2018 03:10

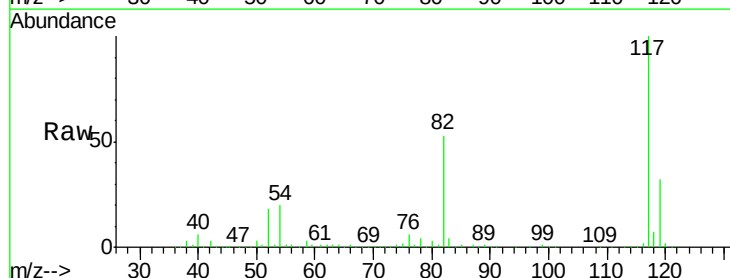
Tgt Ion: 117 Resp: 333540

Ion Ratio Lower Upper

117 100

82 53.2 45.0 67.4

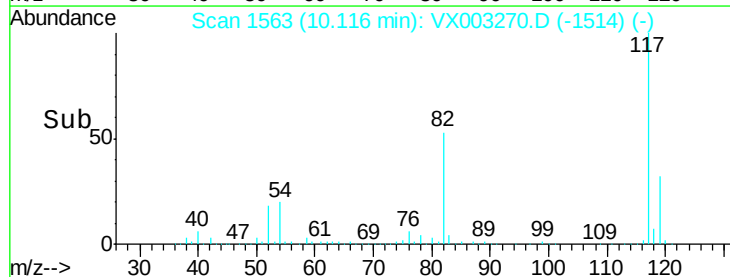
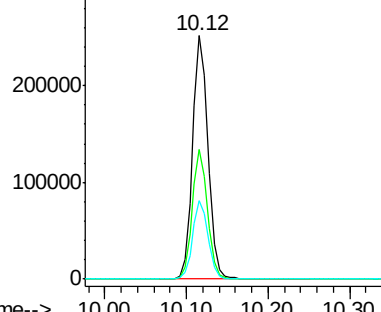
119 32.0 25.8 38.6

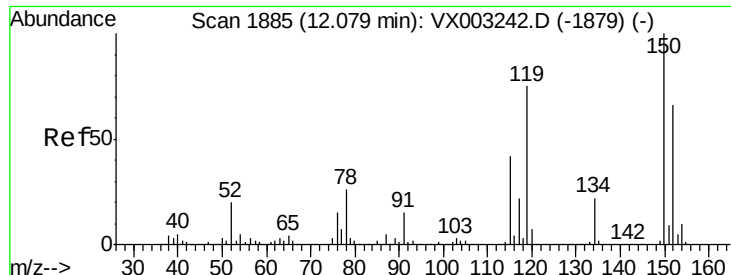


Abundance Ion 116.90 (116.60 to 117.60): VX003270.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX003270.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX003270.D (-1514) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX003270.D

Acq: 10 Jul 2018 03:10

Instrument :

MSVOA_X

ClientSampleId :

DUP-01RE

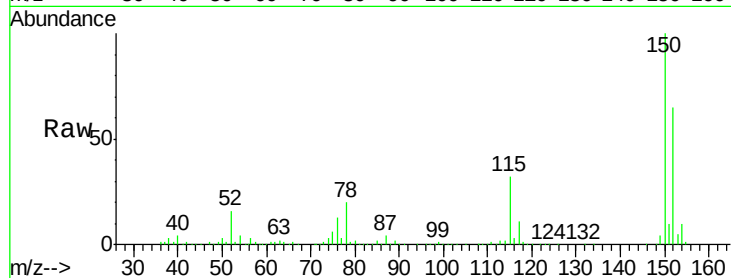
Tot Ion:152 Resp: 185592

Ion Ratio Lower Upper

152 100

115 52.9 40.1 120.2

150 155.2 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

