

Data File : VX003109.D
Acq On : 01 Jul 2018 06:00
Operator : JC/MD
Sample : J3800-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-19

Quant Time: Jul 09 04:00:52 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

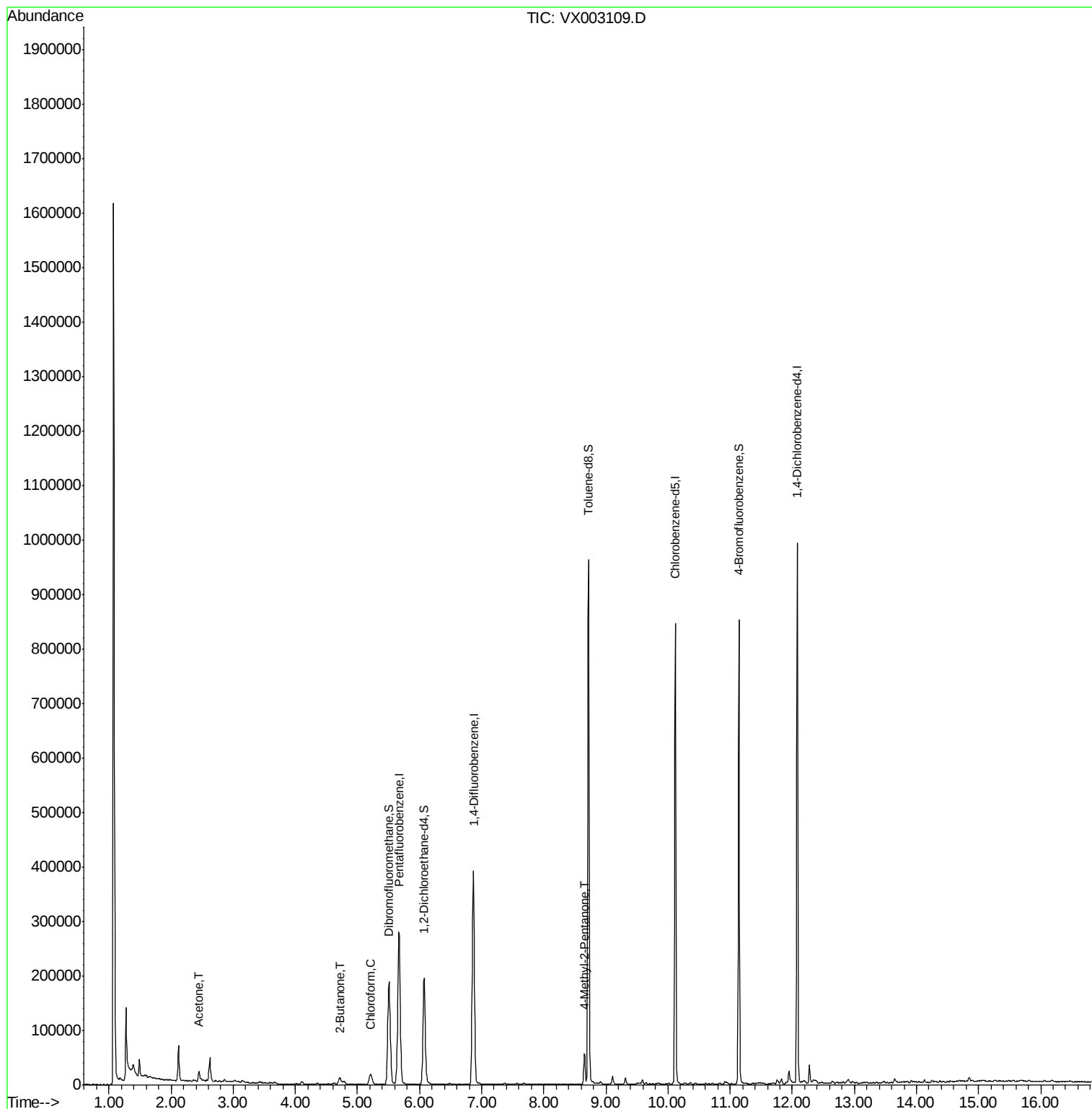
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	287642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	398668	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	377780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	220816	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	187528	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
35) Dibromofluoromethane	5.51	113	155829	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
50) Toluene-d8	8.72	98	562645	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	11.14	95	203436	45.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.50%	
Target Compounds						
16) Acetone	2.45	43	19734	11.985	ug/l	97
25) 2-Butanone	4.71	43	21503	8.800	ug/l	98
30) Chloroform	5.21	83	12913	2.166	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	31916	6.462	ug/l	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. 0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

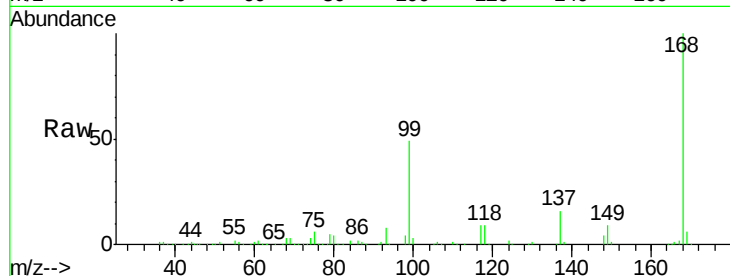
MW-19

Tgt Ion:168 Resp: 287642

Ion Ratio Lower Upper

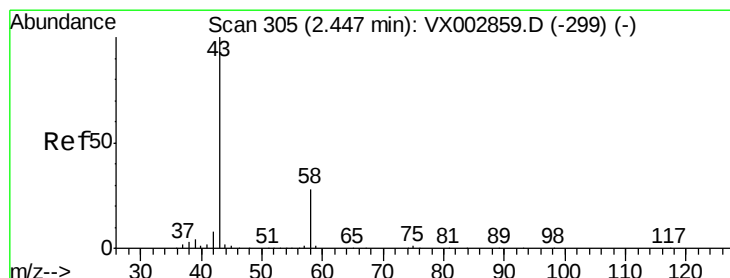
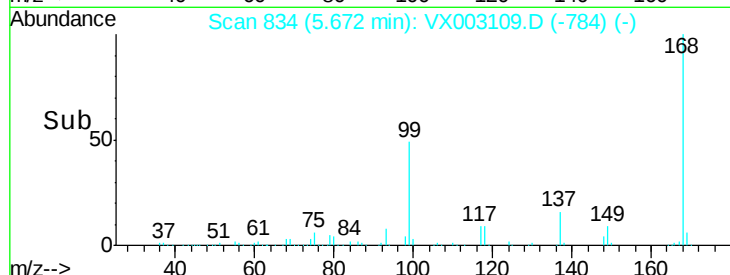
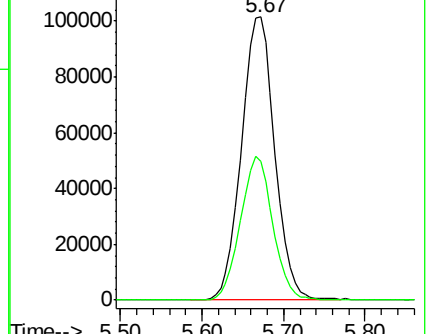
168 100

99 48.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 11.985 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003109.D

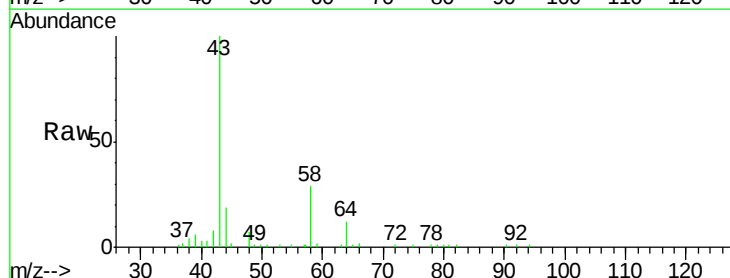
Acq: 01 Jul 2018 06:00

Tgt Ion: 43 Resp: 19734

Ion Ratio Lower Upper

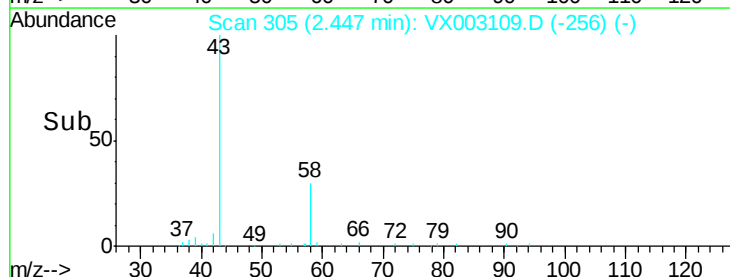
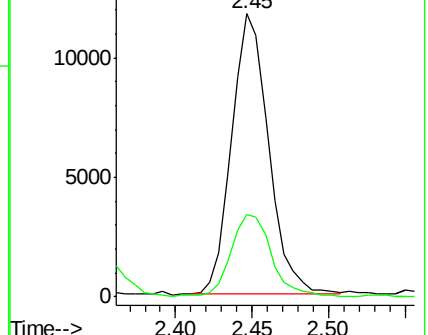
43 100

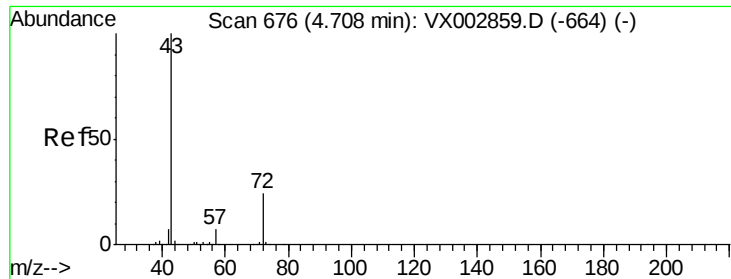
58 29.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 8.800 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003109.D

Acq: 01 Jul 2018 06:00

Instrument :

MSVOA_X

ClientSampled :

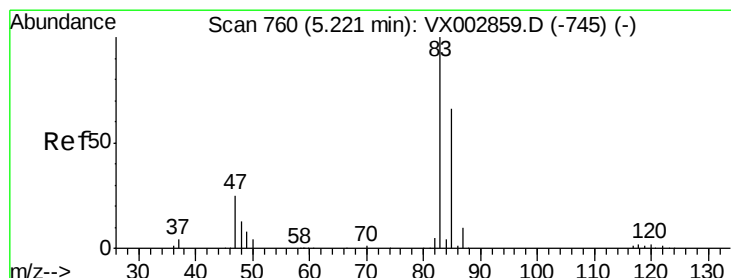
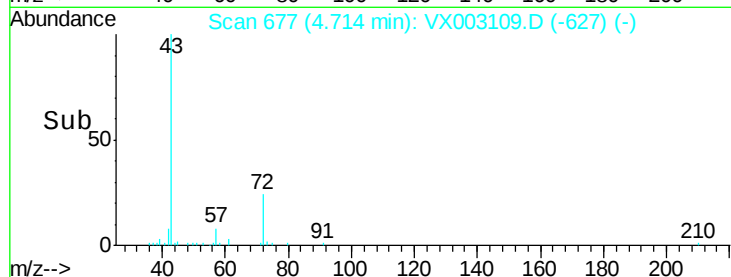
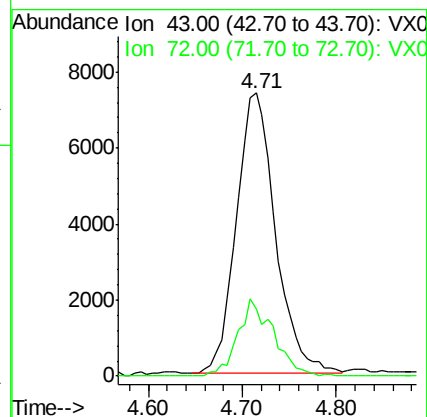
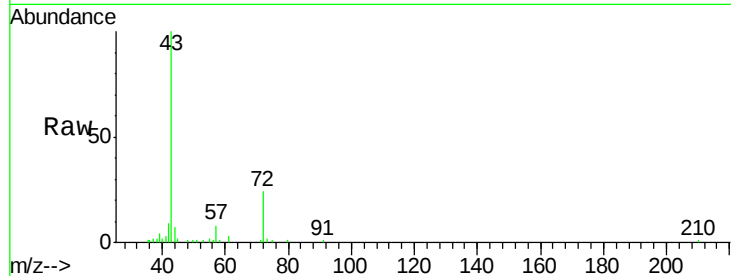
MW-19

Tgt Ion: 43 Resp: 21503

Ion Ratio Lower Upper

43 100

72 24.1 18.5 27.7



#30

Chloroform

Concen: 2.166 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX003109.D

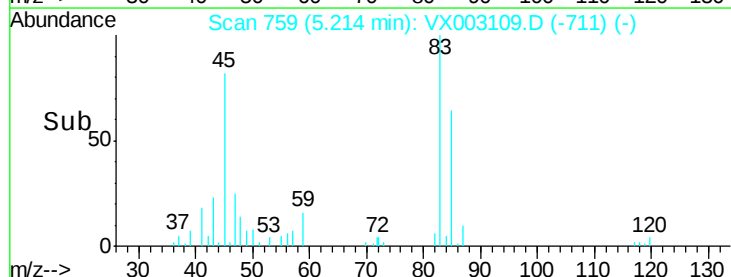
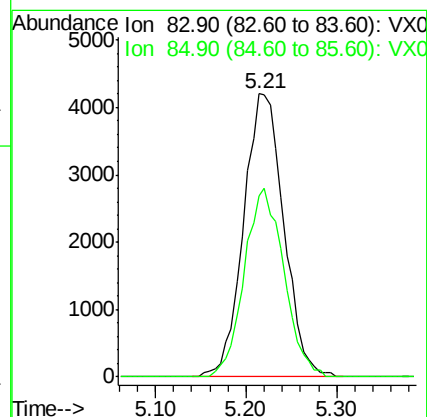
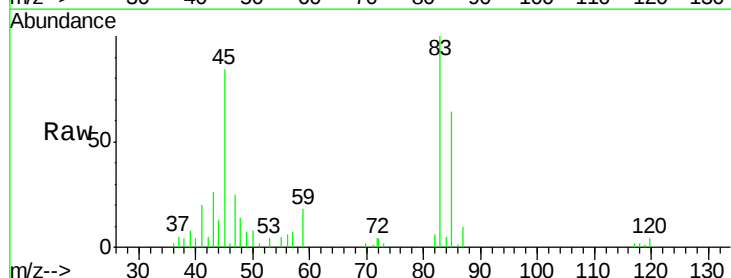
Acq: 01 Jul 2018 06:00

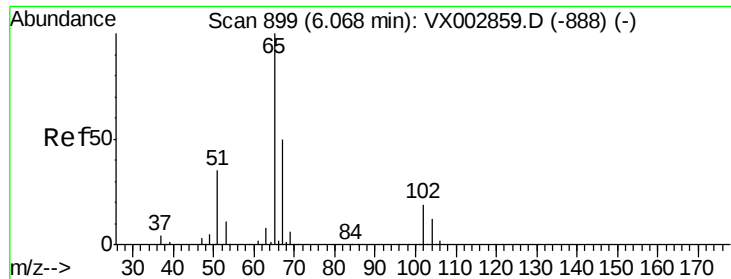
Tgt Ion: 83 Resp: 12913

Ion Ratio Lower Upper

83 100

85 63.9 50.4 75.6

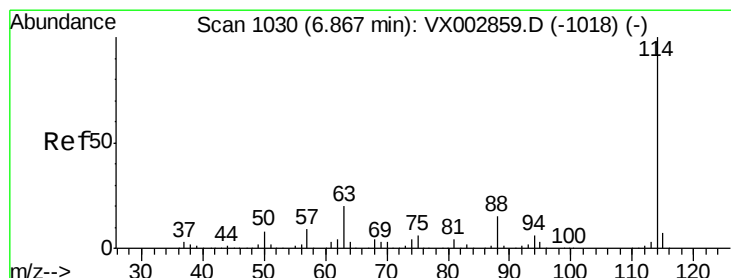
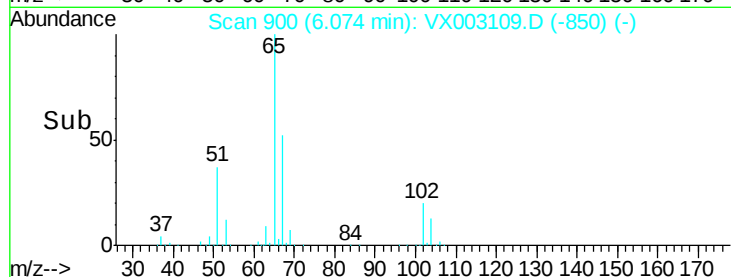
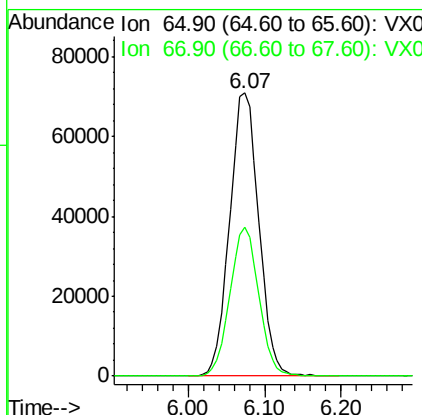
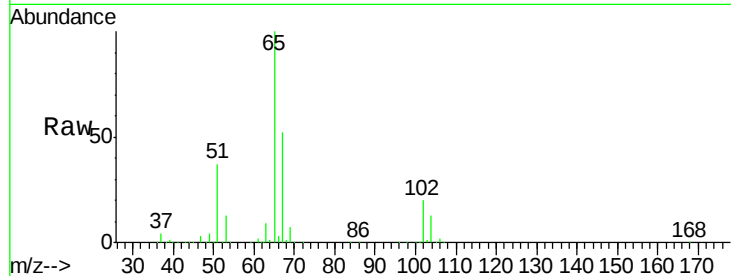




#33
 1,2-Dichloroethane-d4
 Concen: 47.167 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003109.D
 Acq: 01 Jul 2018 06:00

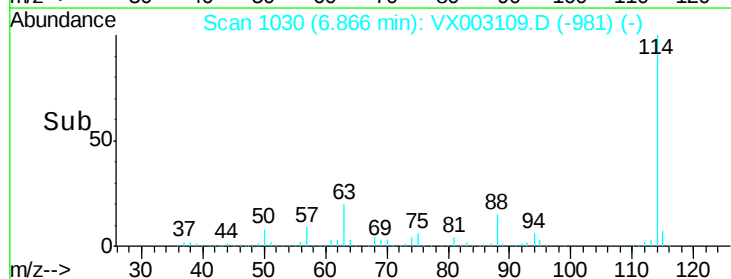
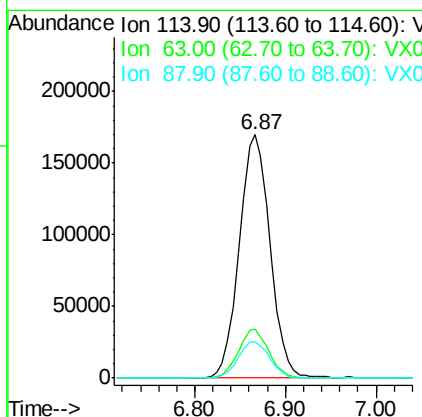
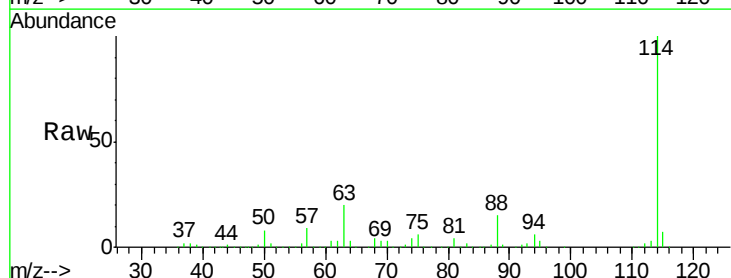
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19

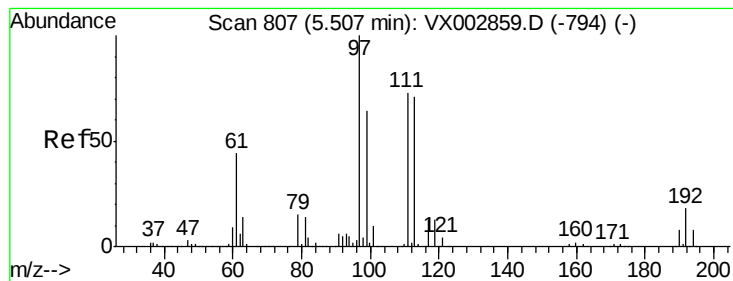
Tgt Ion: 65 Resp: 187528
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003109.D
 Acq: 01 Jul 2018 06:00

Tgt Ion: 114 Resp: 398668
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.4
 88 15.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 49.359 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003109.D

Acq: 01 Jul 2018 06:00

Instrument :

MSVOA_X

ClientSampleId :

MW-19

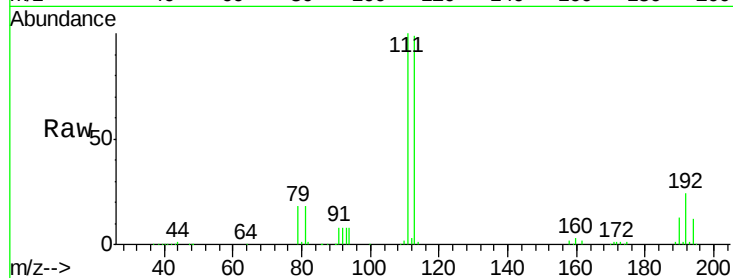
Tgt Ion:113 Resp: 155829

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

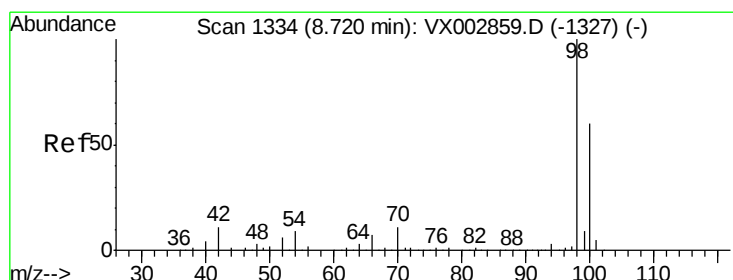
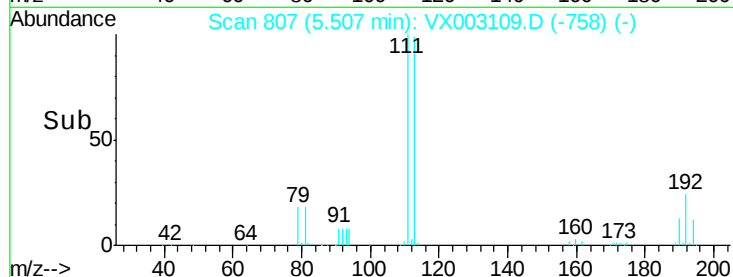
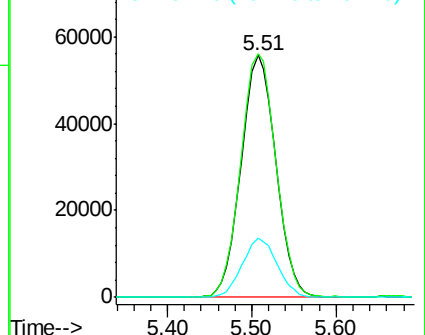
192 24.5 19.1 28.7



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: 48.803 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003109.D

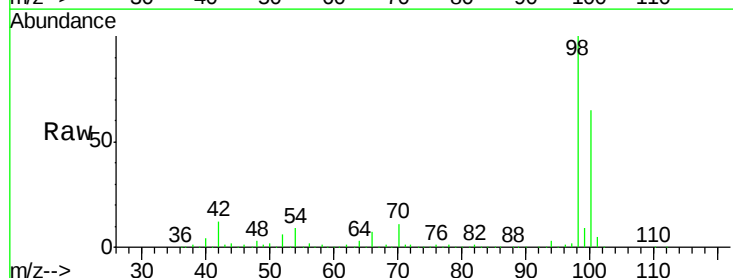
Acq: 01 Jul 2018 06:00

Tgt Ion: 98 Resp: 562645

Ion Ratio Lower Upper

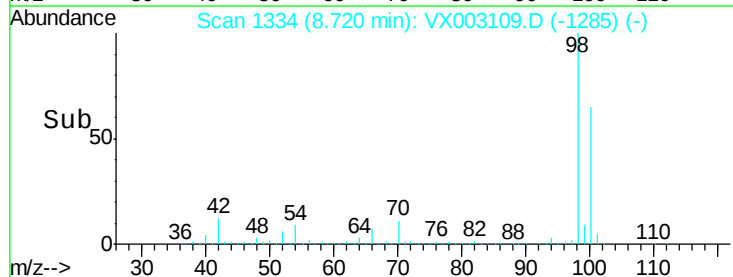
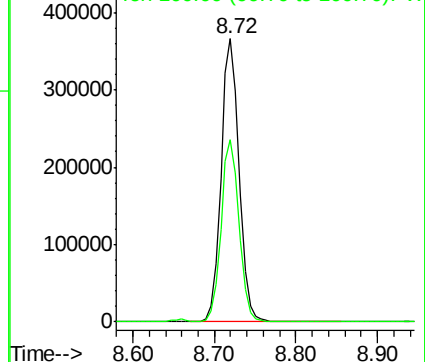
98 100

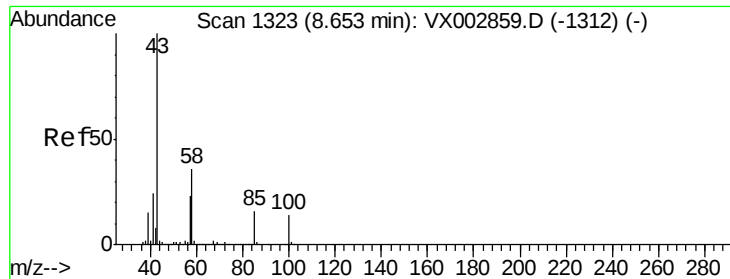
100 64.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

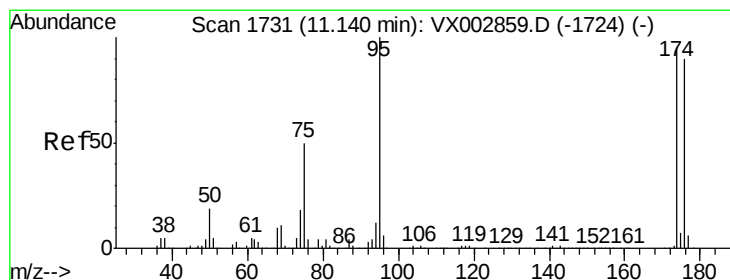
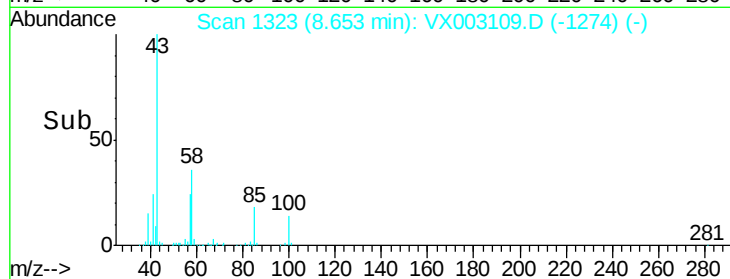
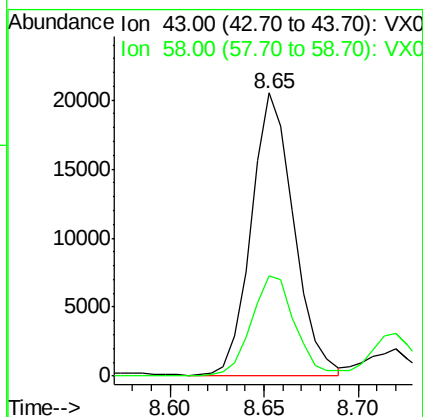
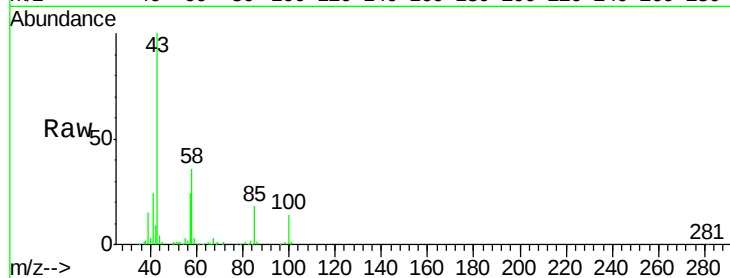




#51
 4-Methyl-2-Pentanone
 Concen: 6.462 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX003109.D
 Acq: 01 Jul 2018 06:00

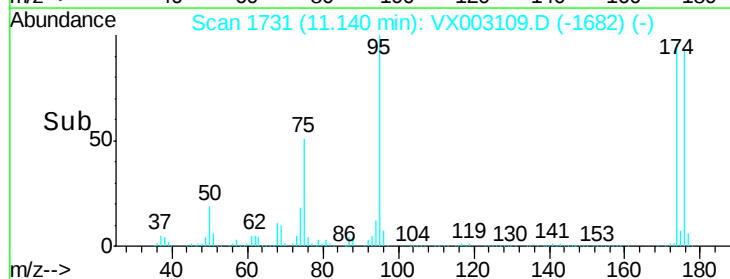
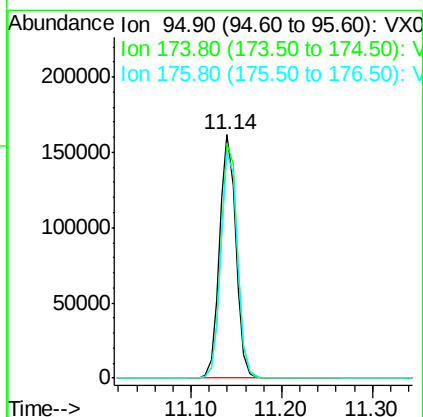
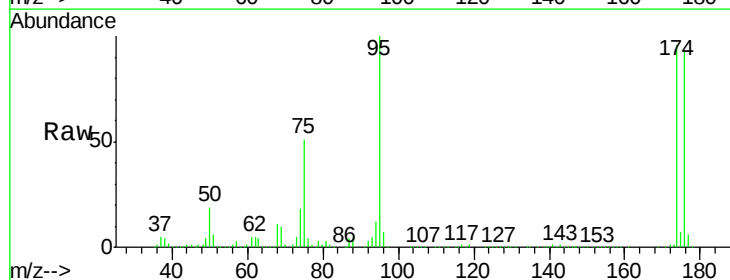
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19

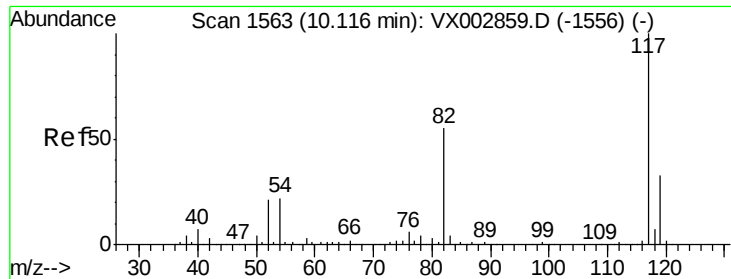
Tgt Ion: 43 Resp: 31916
 Ion Ratio Lower Upper
 43 100
 58 36.8 28.6 42.8



#62
 4-Bromofluorobenzene
 Concen: 45.755 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003109.D
 Acq: 01 Jul 2018 06:00

Tgt Ion: 95 Resp: 203436
 Ion Ratio Lower Upper
 95 100
 174 97.5 0.0 187.4
 176 94.4 0.0 181.0

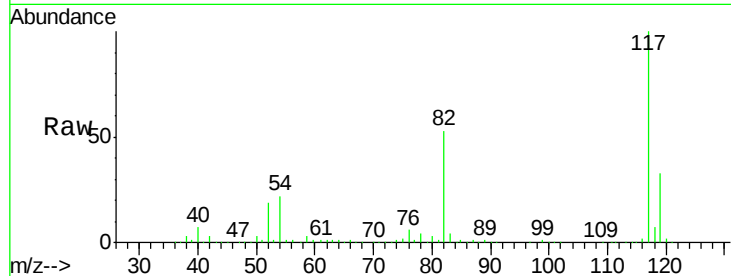




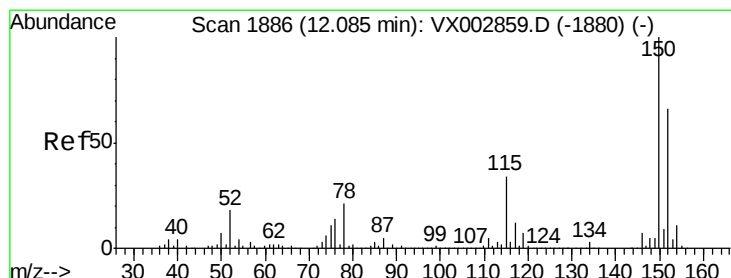
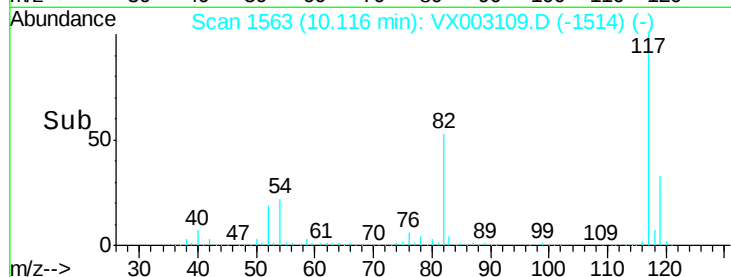
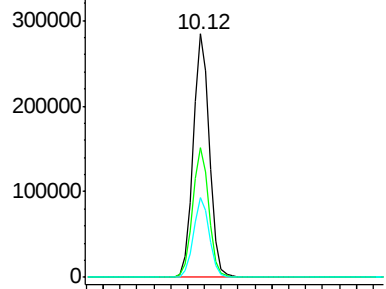
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003109.D
Acq: 01 Jul 2018 06:00

Instrument :
MSVOA_X
ClientSampled :
MW-19

Tgt Ion:117 Resp: 377780
Ion Ratio Lower Upper
117 100
82 53.3 45.0 67.4
119 32.8 25.8 38.6

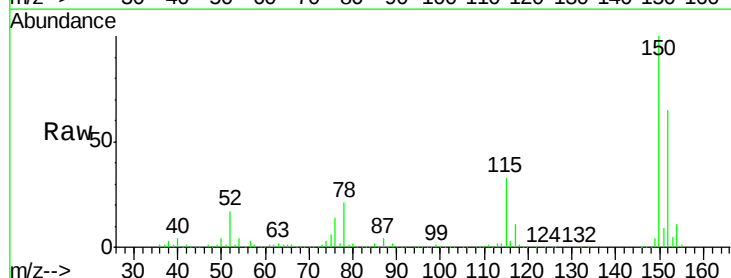


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX003109.D
Acq: 01 Jul 2018 06:00

Tgt Ion:152 Resp: 220816
Ion Ratio Lower Upper
152 100
115 53.7 40.1 120.2
150 155.9 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

