

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071718\
 Data File : VX003421.D
 Acq On : 17 Jul 2018 12:19
 Operator : JC/MD
 Sample : J4017-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Jul 17 13:52:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	266542	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	377280	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	349864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	189275	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	166272	47.63	ug/l	0.00
Spiked Amount			Recovery	=	95.26%	
35) Dibromofluoromethane	5.51	113	144497	47.34	ug/l	0.00
Spiked Amount			Recovery	=	94.68%	
50) Toluene-d8	8.72	98	592995	52.64	ug/l	0.00
Spiked Amount			Recovery	=	105.28%	
62) 4-Bromofluorobenzene	11.14	95	183693	45.67	ug/l	0.00
Spiked Amount			Recovery	=	91.34%	

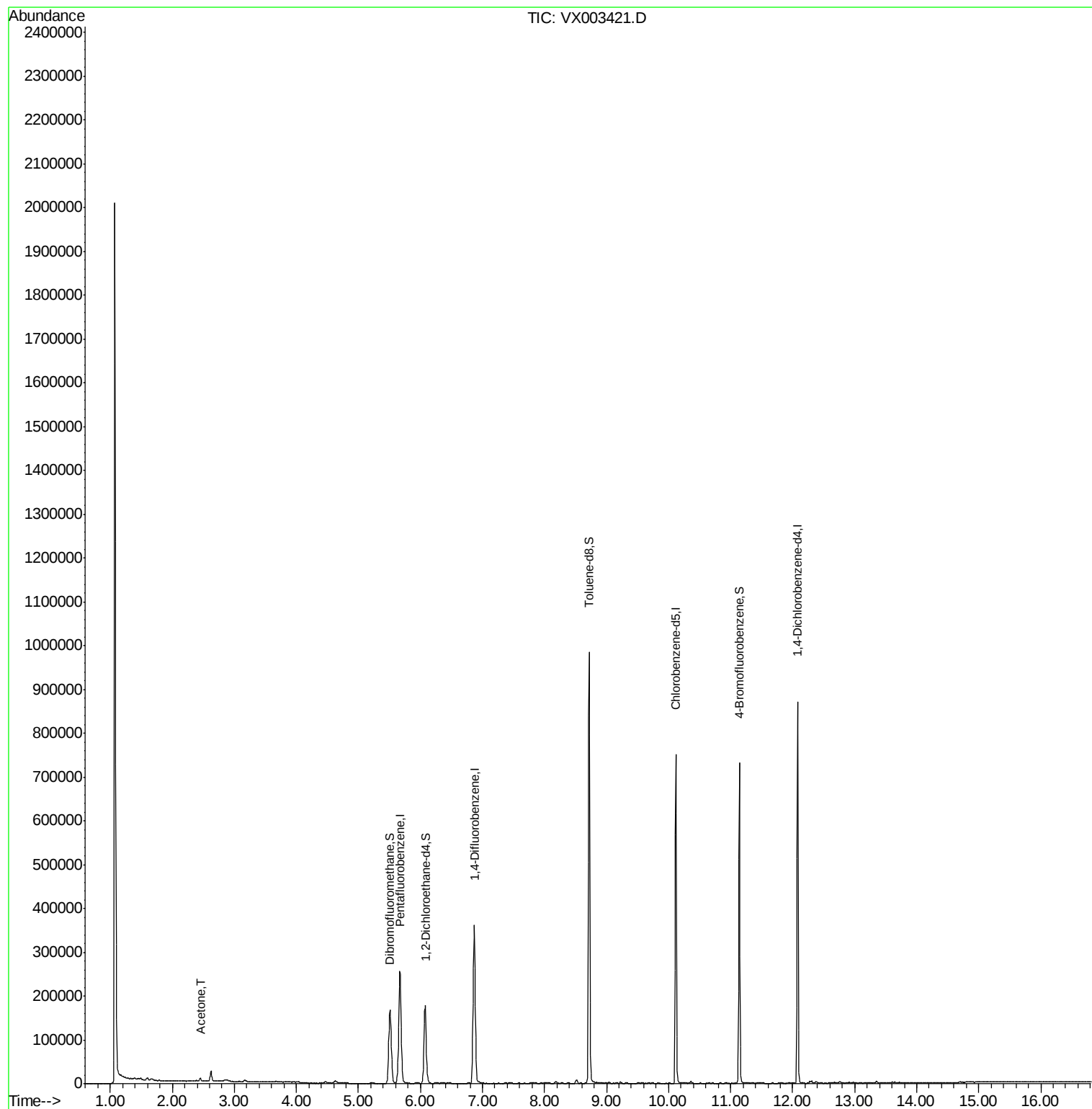
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	6987	4.81	ug/l	# 88

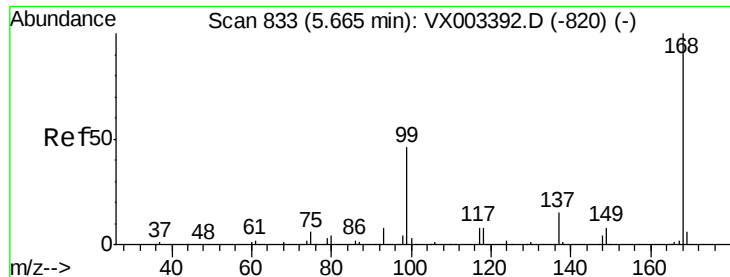
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003421.D

Acq: 17 Jul 2018 12:19

Instrument :

MSVOA_X

ClientSampled :

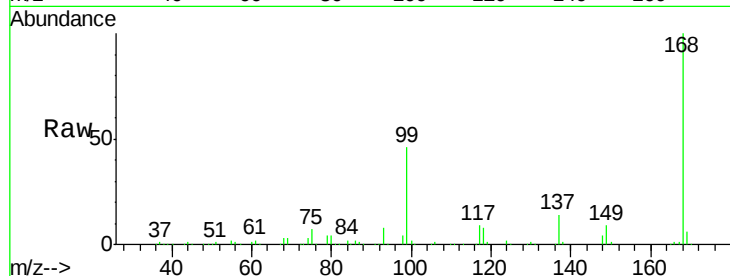
MW-2

Tot Ion:168 Resp: 266542

Ion Ratio Lower Upper

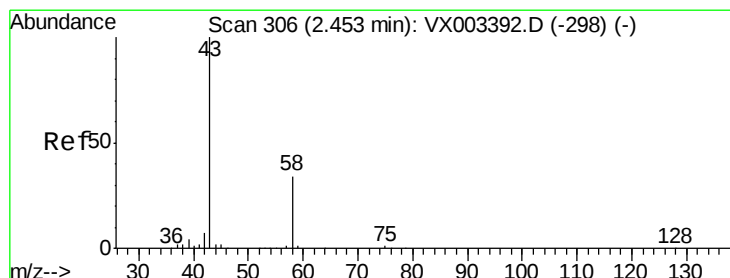
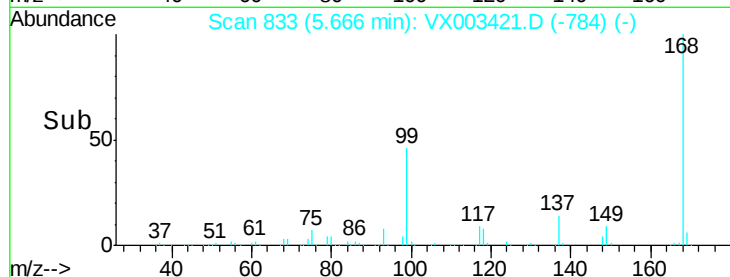
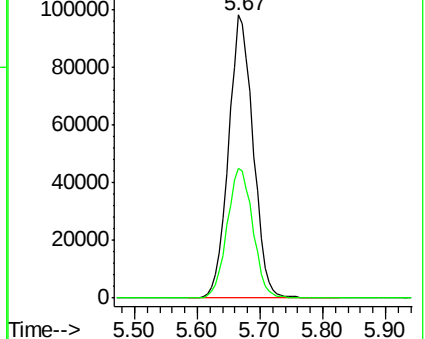
168 100

99 45.6 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: 4.81 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX003421.D

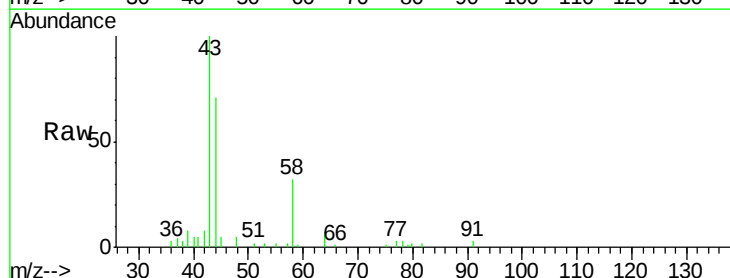
Acq: 17 Jul 2018 12:19

Tgt Ion: 43 Resp: 6987

Ion Ratio Lower Upper

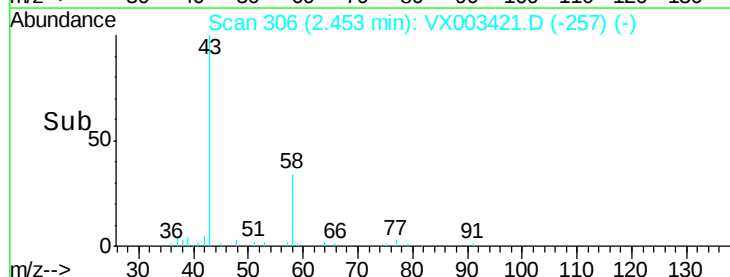
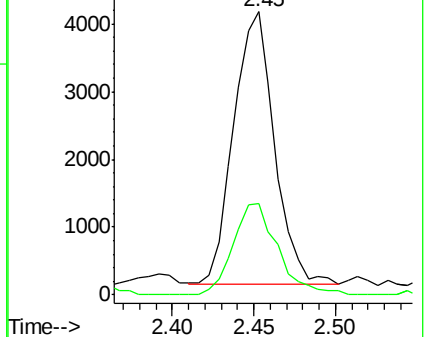
43 100

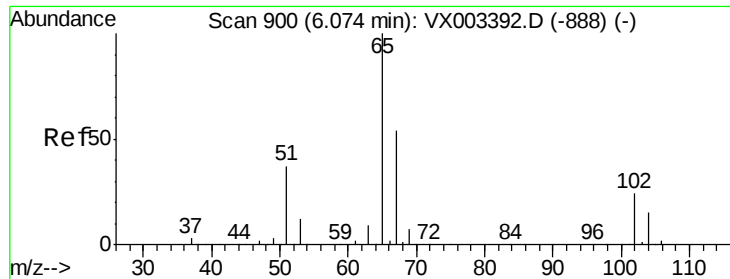
58 33.7 22.1 33.1#



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: 47.63 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003421.D

Acq: 17 Jul 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

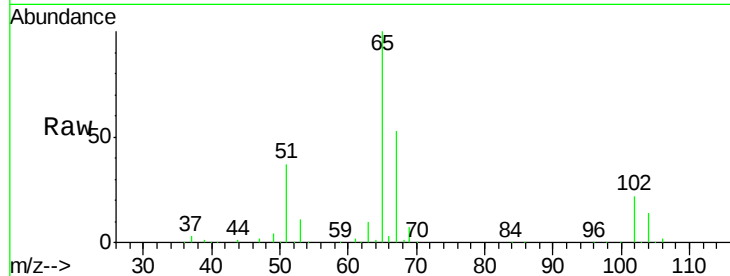
MW-2

Tot Ion: 65 Resp: 166272

Ion Ratio Lower Upper

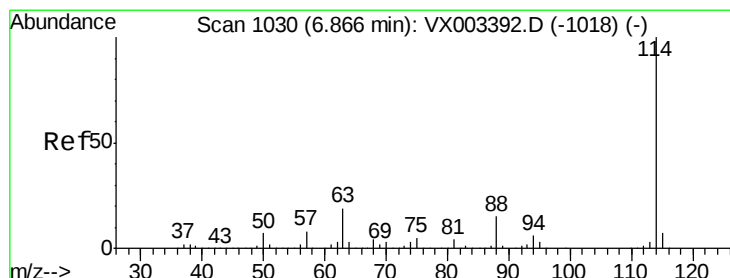
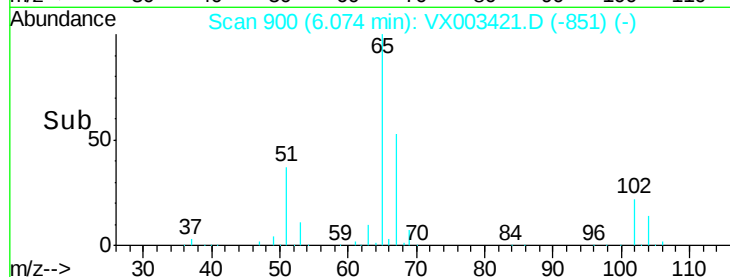
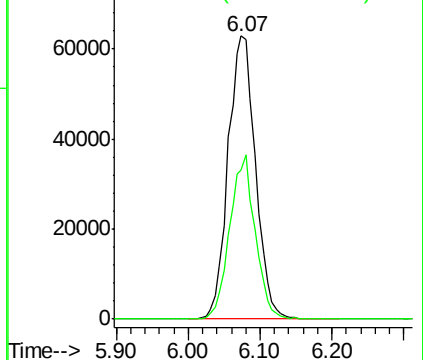
65 100

67 54.0 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: VX003421.D

Acq: 17 Jul 2018 12:19

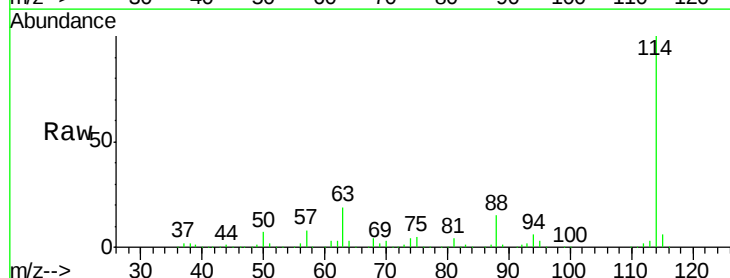
Tgt Ion: 114 Resp: 377280

Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.4

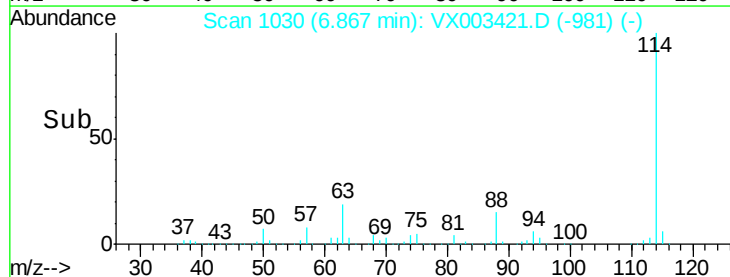
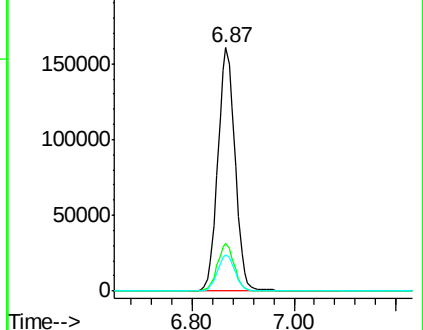
88 14.8 0.0 30.0

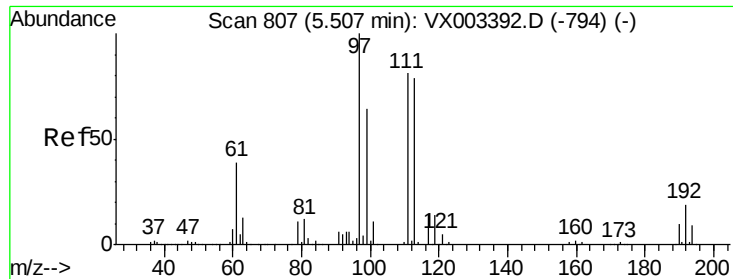


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

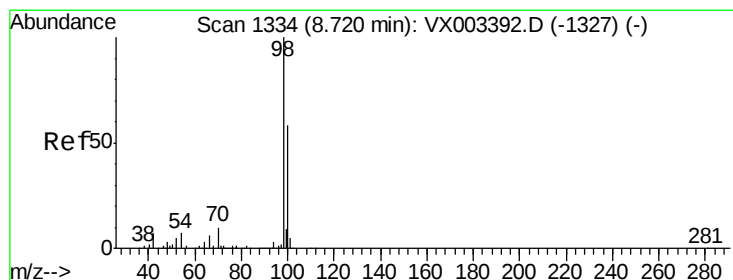
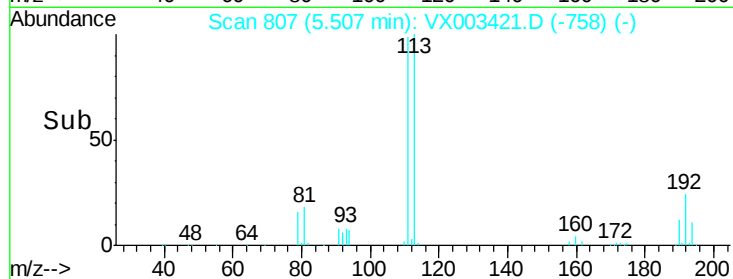
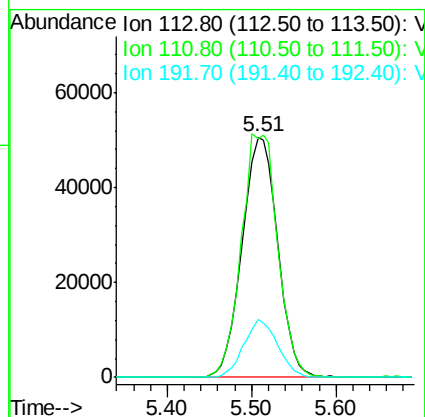
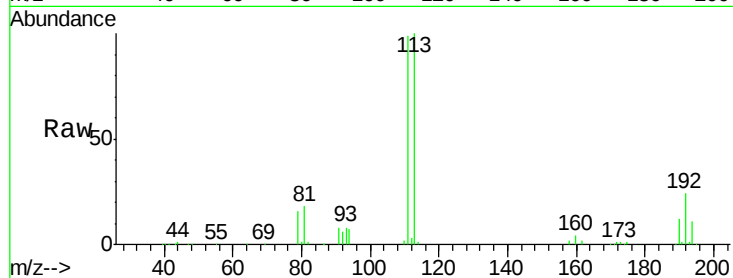




#35
 Dibromofluoromethane
 Concen: 47.34 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003421.D
 Acq: 17 Jul 2018 12:19

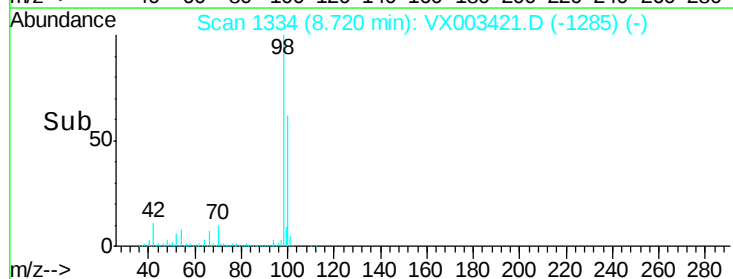
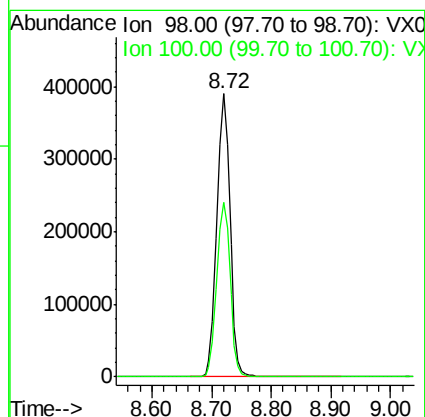
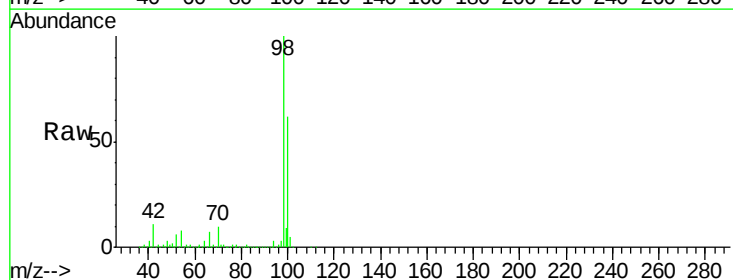
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

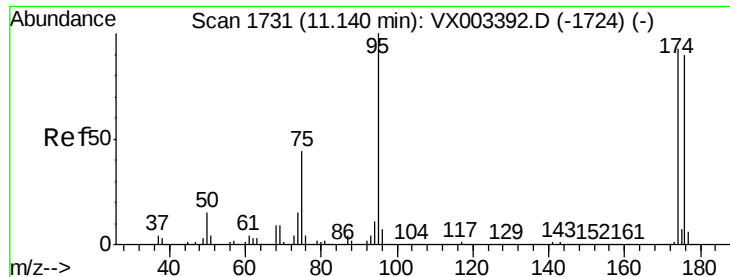
Tot Ion:113 Resp: 144497
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.4 122.0
 192 23.0 19.1 28.7



#50
 Toluene-d8
 Concen: 52.64 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003421.D
 Acq: 17 Jul 2018 12:19

Tgt Ion: 98 Resp: 592995
 Ion Ratio Lower Upper
 98 100
 100 63.0 50.9 76.3

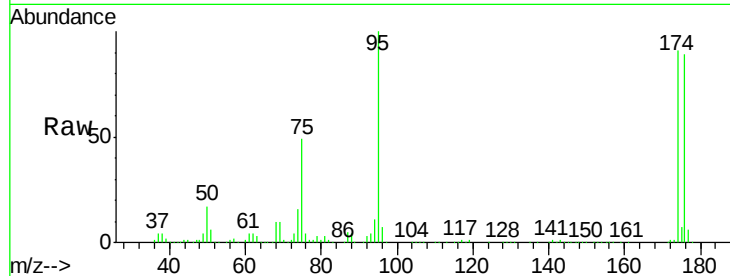




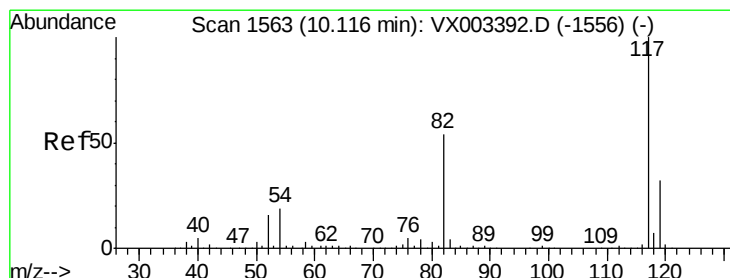
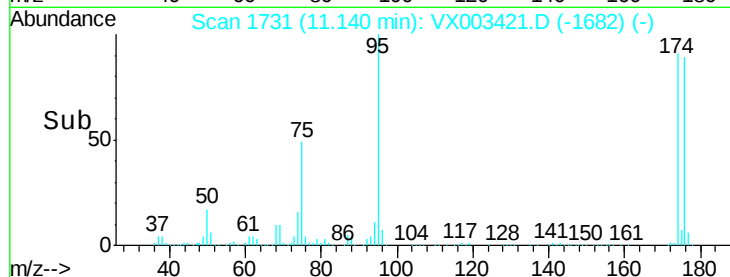
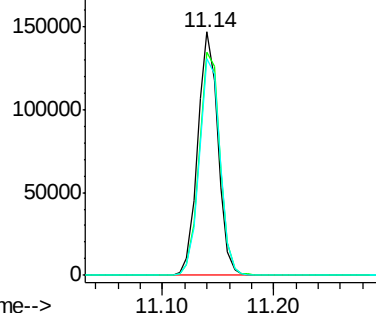
#62
4-Bromofluorobenzene
Concen: 45.67 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003421.D
Acq: 17 Jul 2018 12:19

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tot Ion: 95 Resp: 183693
Ion Ratio Lower Upper
95 100
174 94.1 0.0 187.4
176 91.6 0.0 181.0

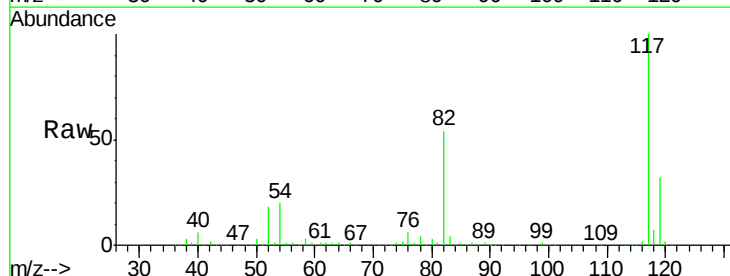


Abundance Ion 94.90 (94.60 to 95.60): VX
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

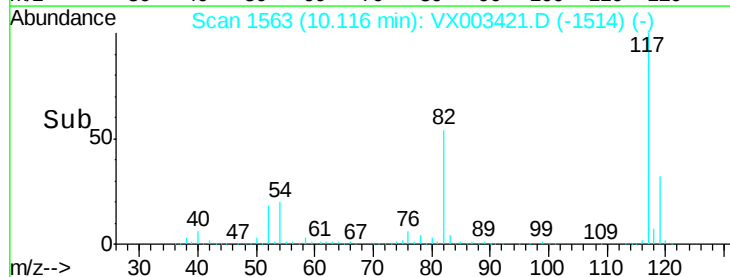
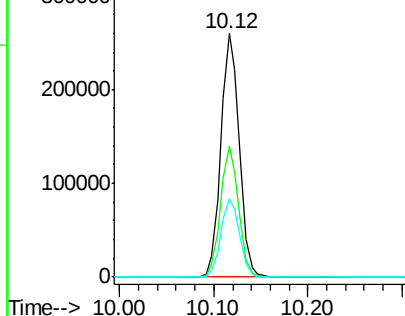


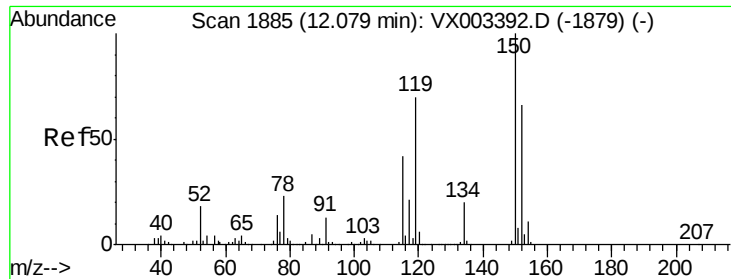
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003421.D
Acq: 17 Jul 2018 12:19

Tgt Ion: 117 Resp: 349864
Ion Ratio Lower Upper
117 100
82 54.0 45.0 67.4
119 32.1 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
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. 0.01 min

Lab File: VX003421.D

Acq: 17 Jul 2018 12:19

Instrument :

MSVOA_X

ClientSampleId :

MW-2

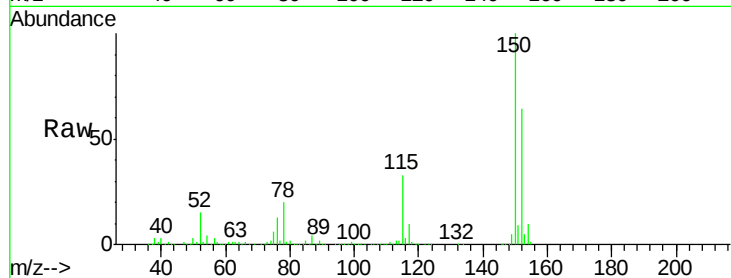
Tot Ion:152 Resp: 189275

Ion Ratio Lower Upper

152 100

115 55.1 40.1 120.2

150 157.5 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

