

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003027.D
 Acq On : 29 Jun 2018 14:31
 Operator : JC/MD
 Sample : J3743-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GMW-5

Quant Time: Jun 29 15:29:06 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	264760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	371349	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	341944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193009	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	176264	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
35) Dibromofluoromethane	5.51	113	142185	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
50) Toluene-d8	8.72	98	516145	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
62) 4-Bromofluorobenzene	11.14	95	182489	44.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.12%	

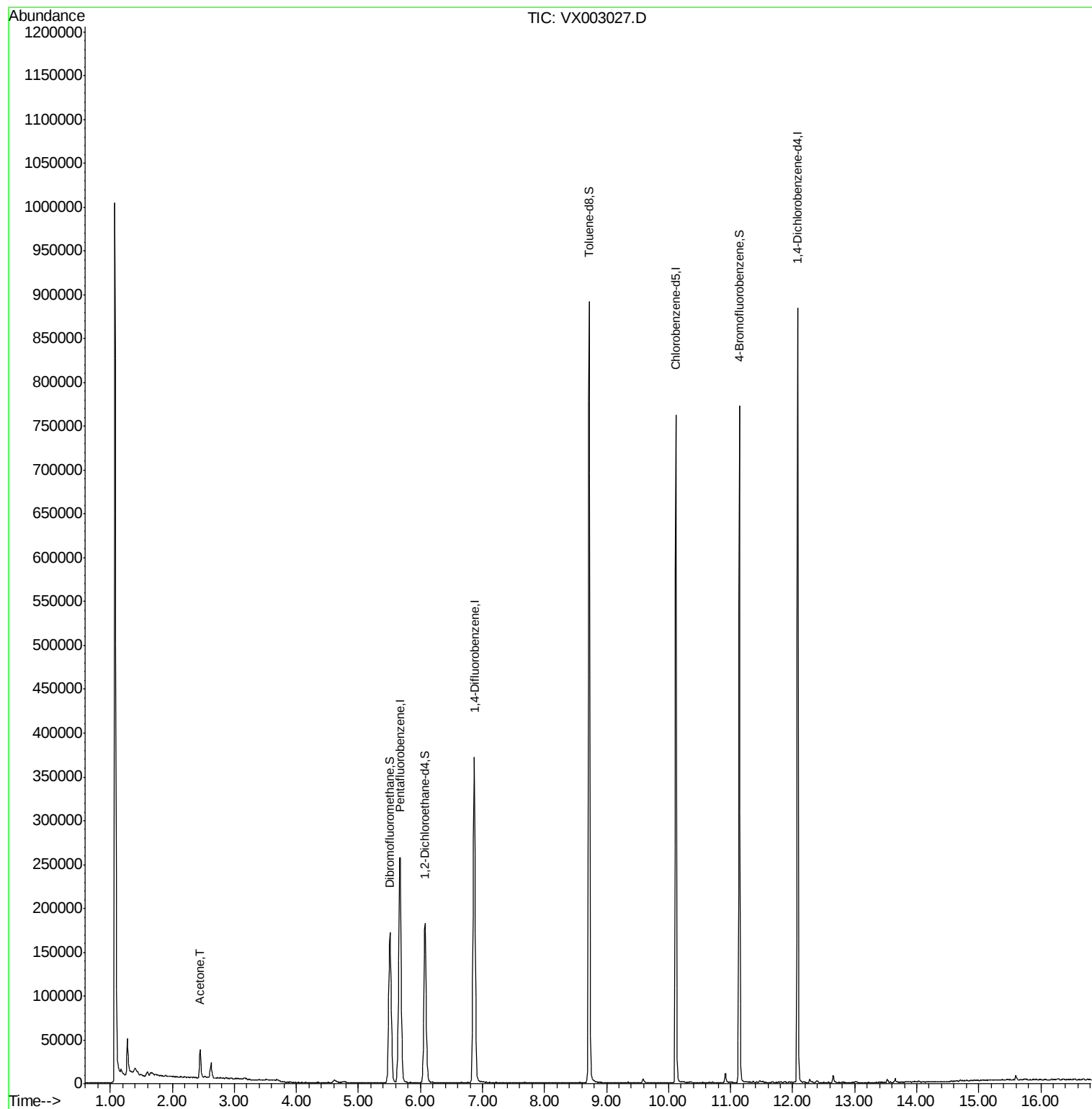
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	35324	23.31	ug/l	98

(#) = 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# 834

Delta R.T. 0.01 min

Lab File: VX003027.D

Acq: 29 Jun 2018 14:31

Instrument :

MSVOA_X

ClientSampleId :

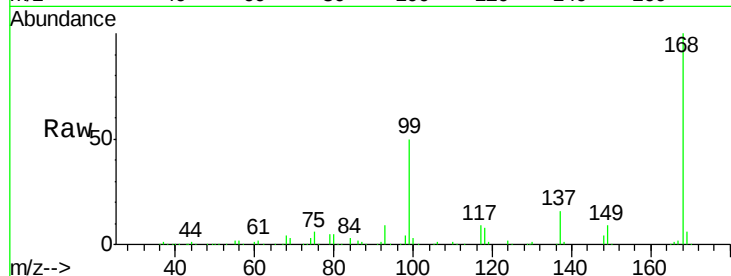
GMW-5

Tot Ion:168 Resp: 264760

Ion Ratio Lower Upper

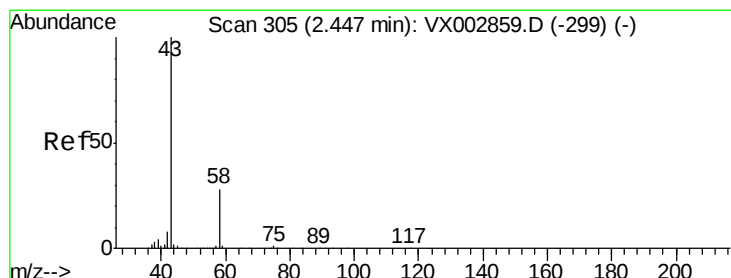
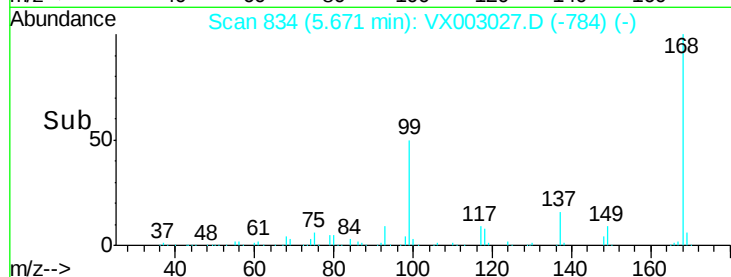
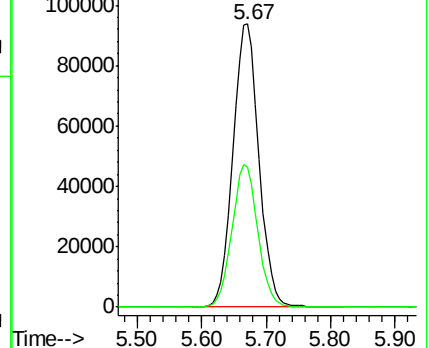
168 100

99 49.6 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: 23.31 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003027.D

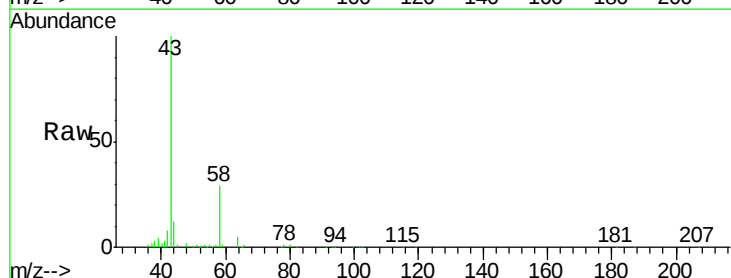
Acq: 29 Jun 2018 14:31

Tgt Ion: 43 Resp: 35324

Ion Ratio Lower Upper

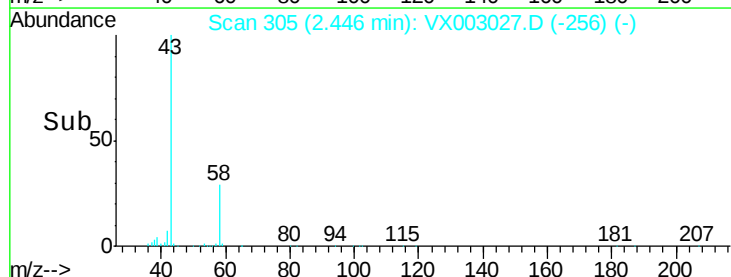
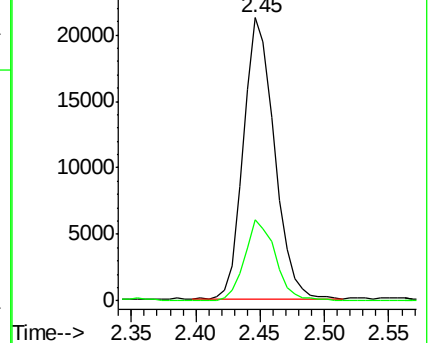
43 100

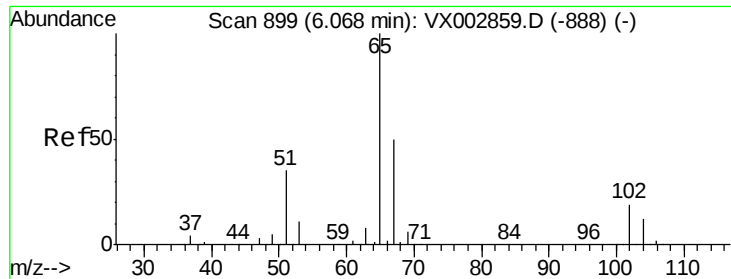
58 28.8 22.1 33.1



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: 48.17 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003027.D

Acq: 29 Jun 2018 14:31

Instrument :

MSVOA_X

ClientSampleId :

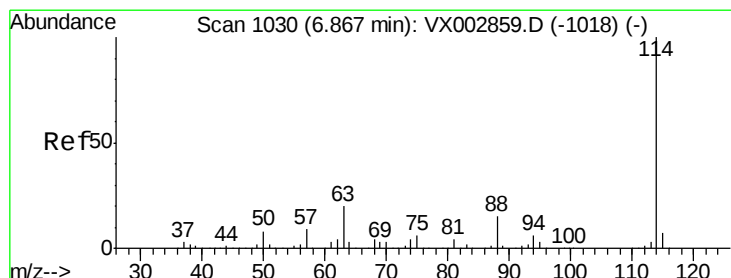
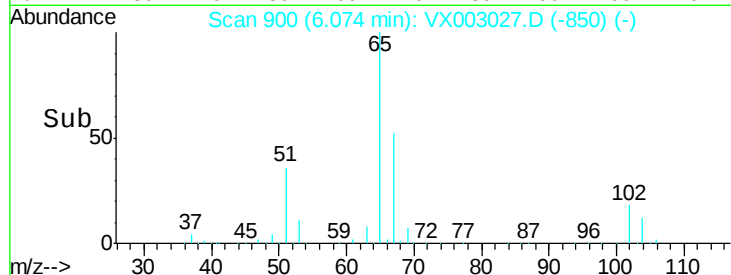
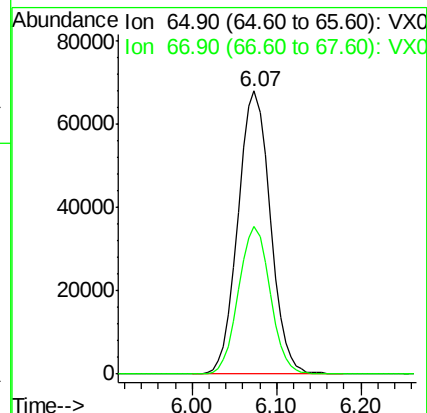
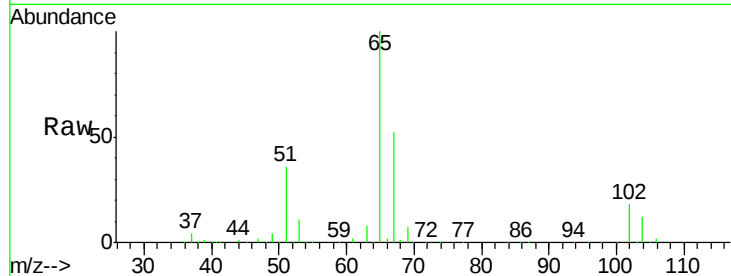
GMW-5

Tot Ion: 65 Resp: 176264

Ion Ratio Lower Upper

65 100

67 51.3 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: VX003027.D

Acq: 29 Jun 2018 14:31

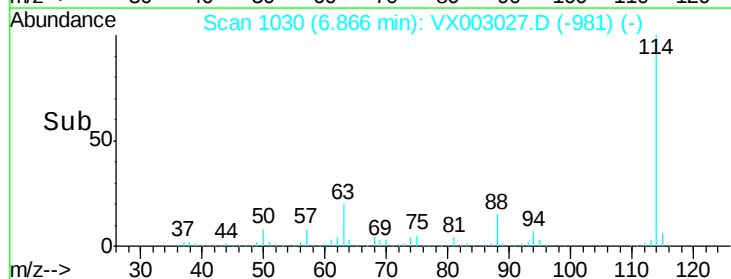
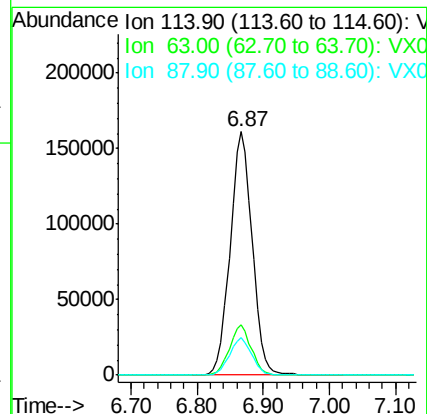
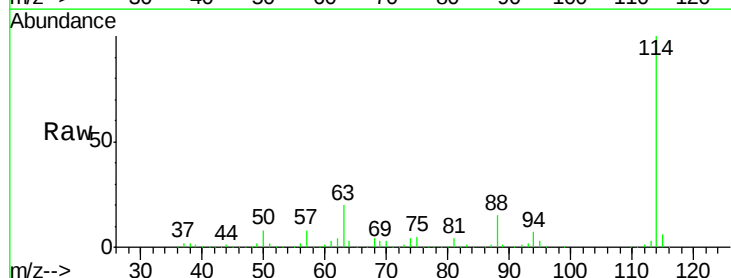
Tgt Ion: 114 Resp: 371349

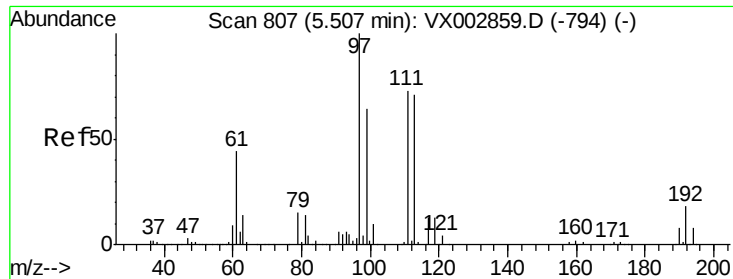
Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

88 15.3 0.0 30.0

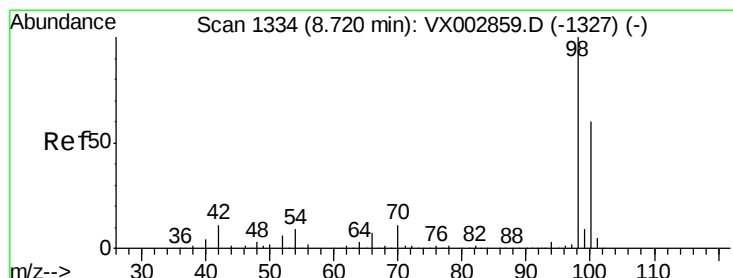
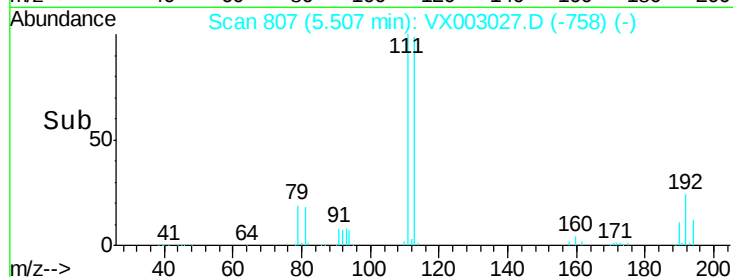
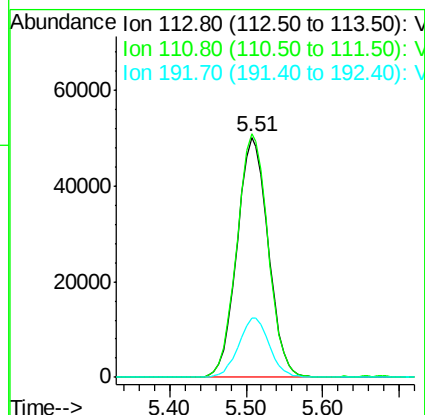
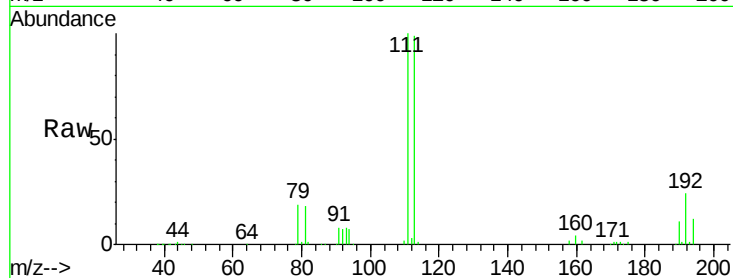




#35
Dibromofluoromethane
Concen: 48.35 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003027.D
Acq: 29 Jun 2018 14:31

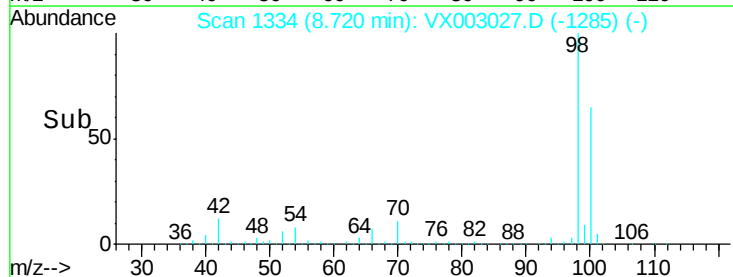
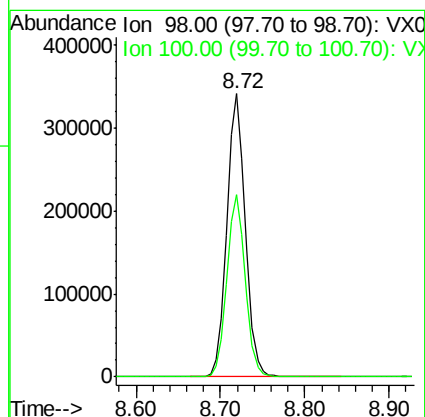
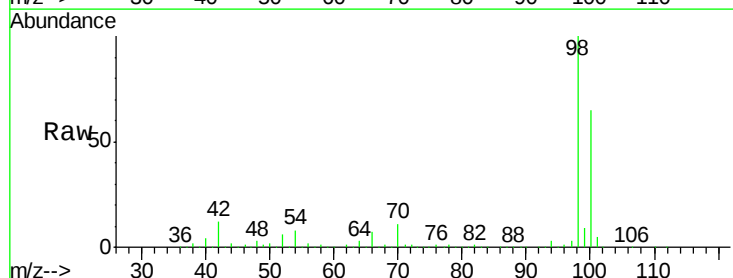
Instrument :
MSVOA_X
ClientSampleId :
GMW-5

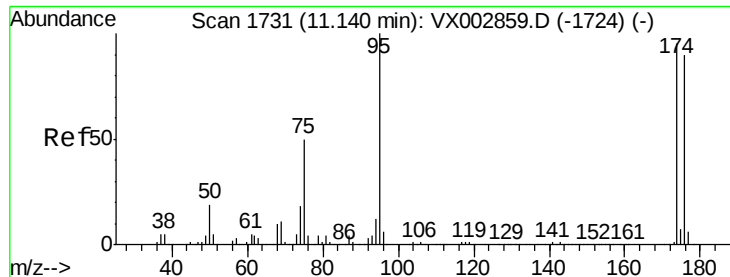
Tot Ion:113 Resp: 142185
Ion Ratio Lower Upper
113 100
111 101.2 81.4 122.0
192 24.4 19.1 28.7



#50
Toluene-d8
Concen: 48.06 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003027.D
Acq: 29 Jun 2018 14:31

Tgt Ion: 98 Resp: 516145
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 44.06 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003027.D

Acq: 29 Jun 2018 14:31

Instrument :

MSVOA_X

ClientSampleId :

GMW-5

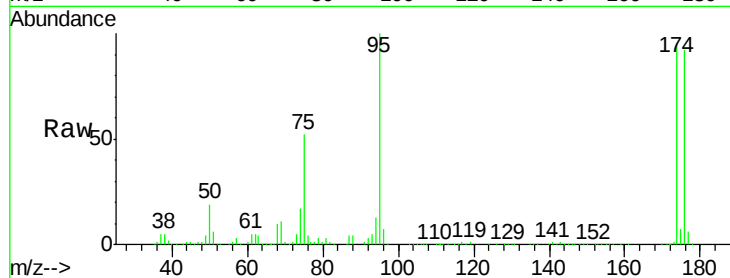
Tot Ion: 95 Resp: 182489

Ion Ratio Lower Upper

95 100

174 97.8 0.0 187.4

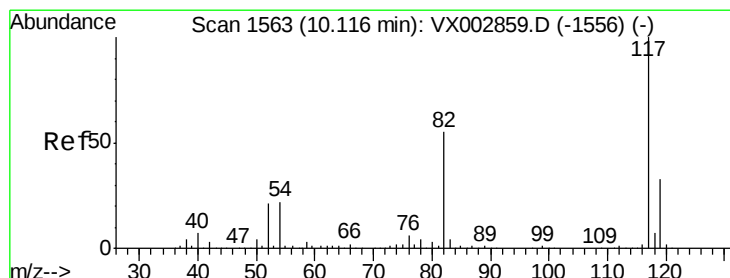
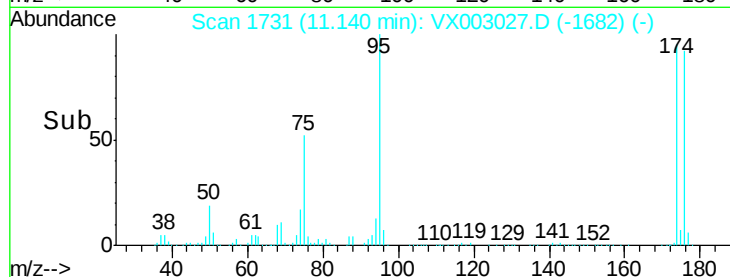
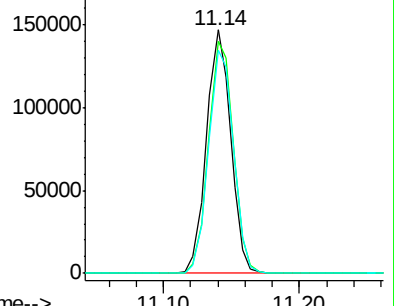
176 94.5 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002859.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002859.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002859.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003027.D

Acq: 29 Jun 2018 14:31

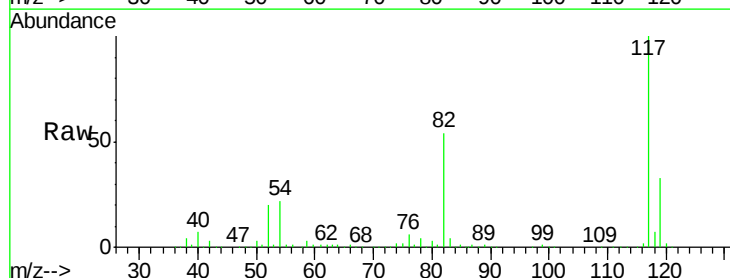
Tgt Ion: 117 Resp: 341944

Ion Ratio Lower Upper

117 100

82 53.6 45.0 67.4

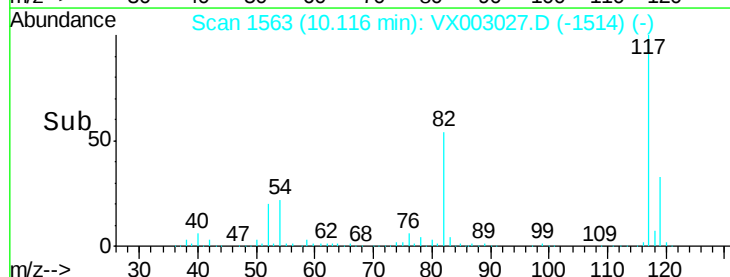
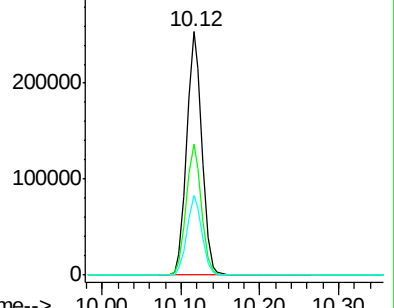
119 32.5 25.8 38.6

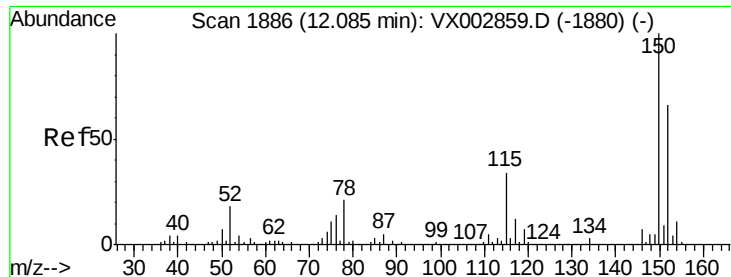


Abundance Ion 116.90 (116.60 to 117.60): VX002859.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX002859.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX002859.D (-1556) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX003027.D

Acq: 29 Jun 2018 14:31

Instrument :

MSVOA_X

ClientSampleId :

GMW-5

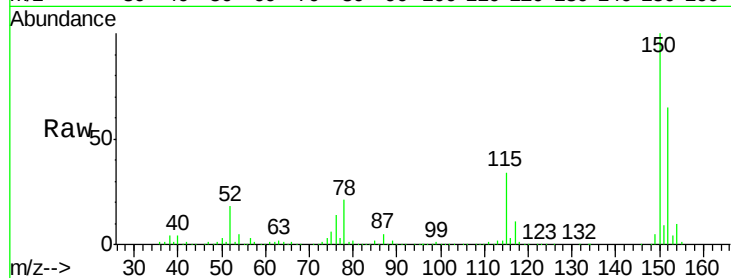
Tot Ion:152 Resp: 193009

Ion Ratio Lower Upper

152 100

115 54.4 40.1 120.2

150 155.5 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

