

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002963.D
 Acq On : 28 Jun 2018 03:59
 Operator : JC/MD
 Sample : J3718-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-27

Quant Time: Jun 28 15:33:33 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	271042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	380761	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	355909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204692	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	184373	49.21	ug/l	0.00
Spiked Amount			Recovery	=	98.42%	
35) Dibromofluoromethane	5.51	113	147563	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	
50) Toluene-d8	8.72	98	533560	48.46	ug/l	0.00
Spiked Amount			Recovery	=	96.92%	
62) 4-Bromofluorobenzene	11.14	95	192816	45.41	ug/l	0.00
Spiked Amount			Recovery	=	90.82%	

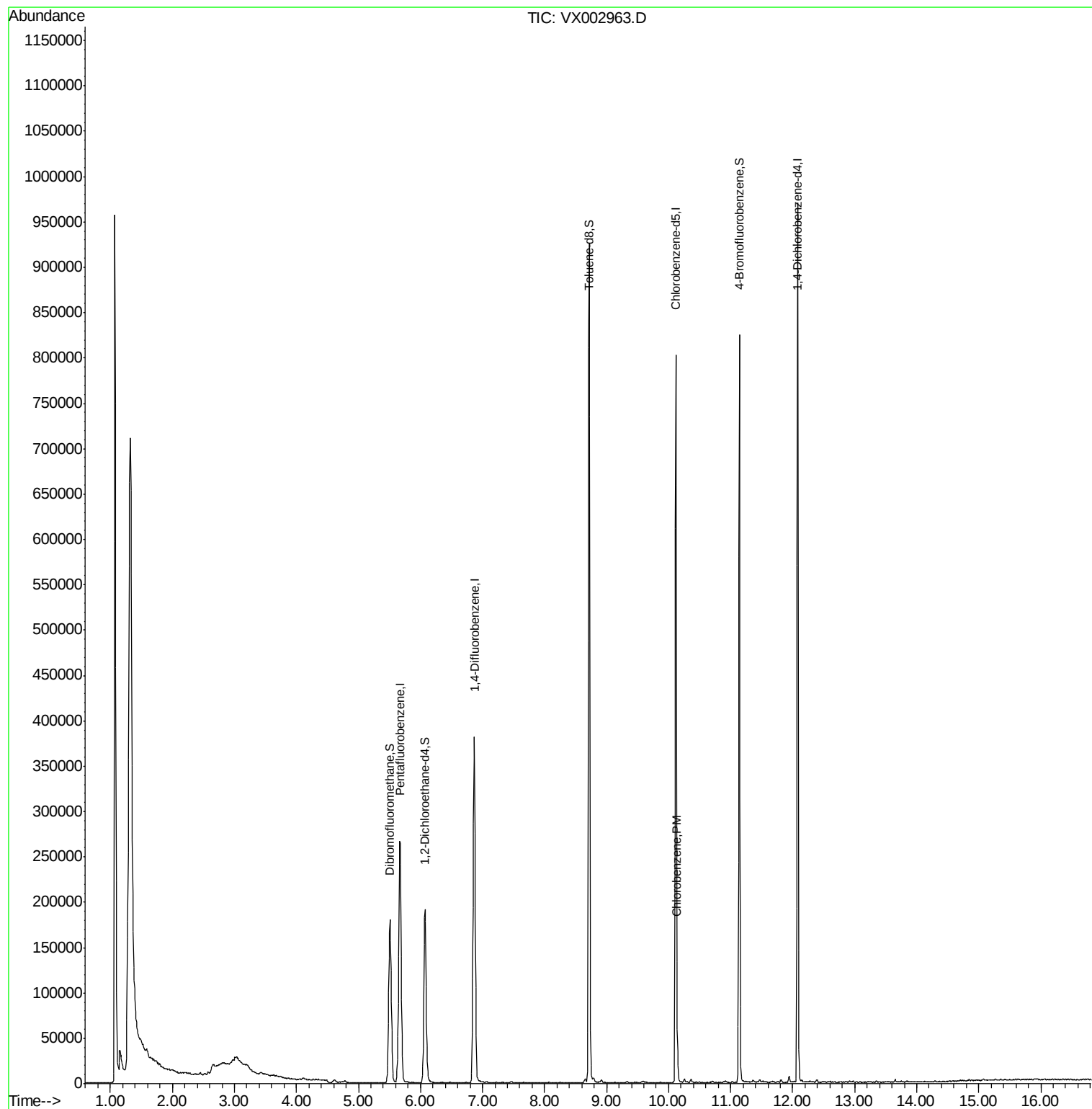
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
65) Chlorobenzene	10.14	112	13404	1.48	ug/l	99

(#) = 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: VX002963.D

Acq: 28 Jun 2018 03:59

Instrument :

MSVOA_X

ClientSampled :

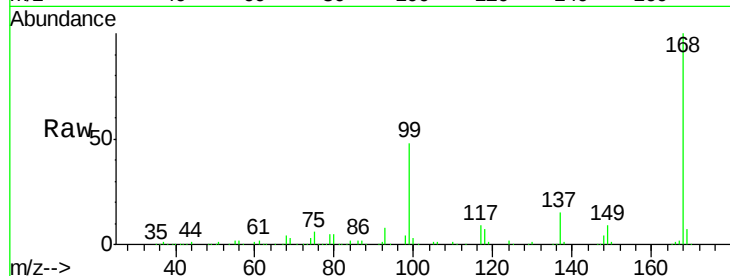
W-27

Tot Ion:168 Resp: 271042

Ion Ratio Lower Upper

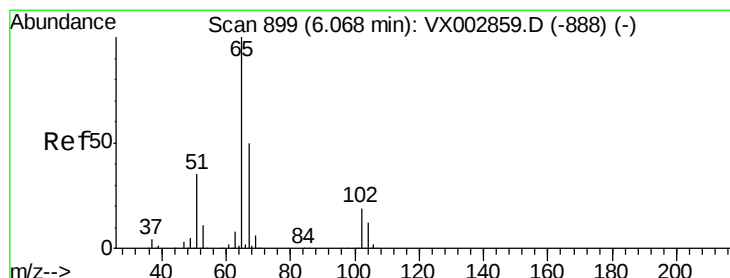
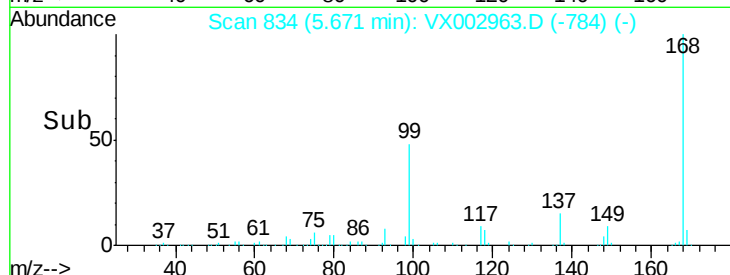
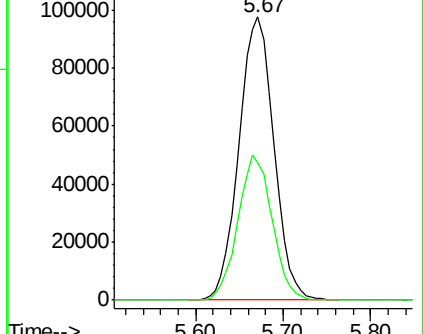
168 100

99 48.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.21 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002963.D

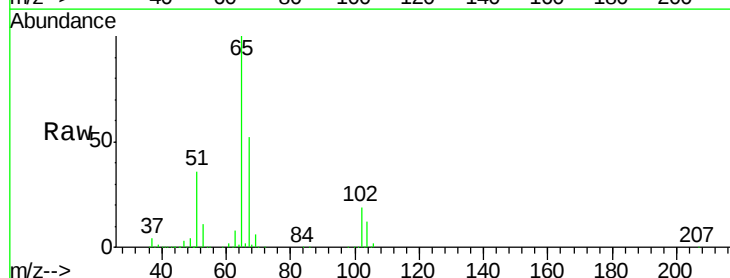
Acq: 28 Jun 2018 03:59

Tgt Ion: 65 Resp: 184373

Ion Ratio Lower Upper

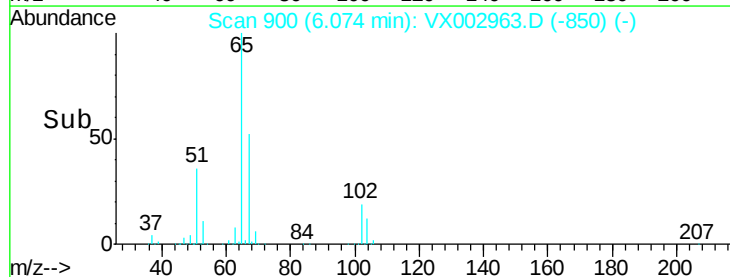
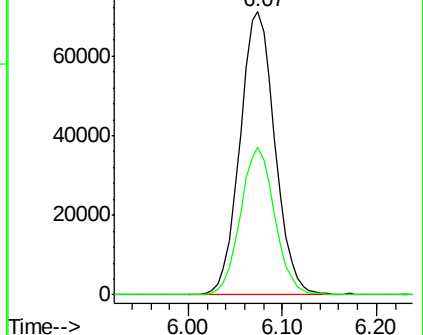
65 100

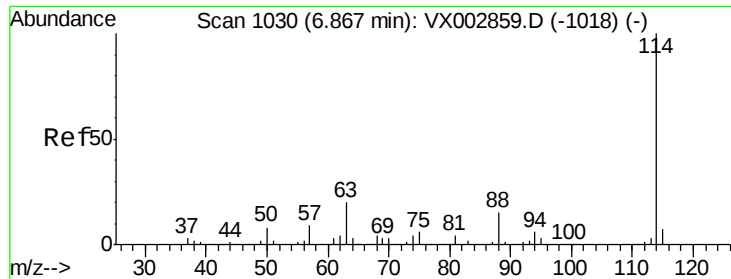
67 51.2 0.0 102.6



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: VX002963.D

Acq: 28 Jun 2018 03:59

Instrument :

MSVOA_X

ClientSampleId :

W-27

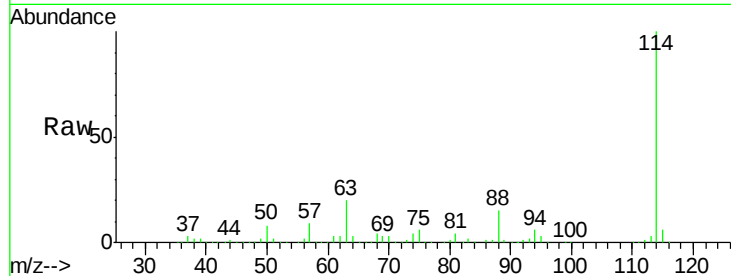
Tot Ion:114 Resp: 380761

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

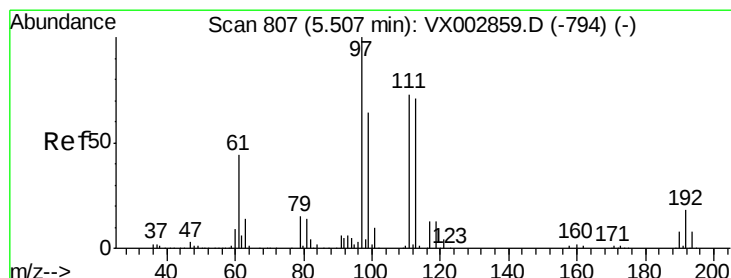
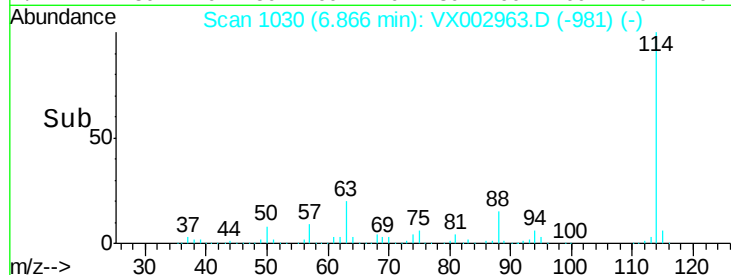
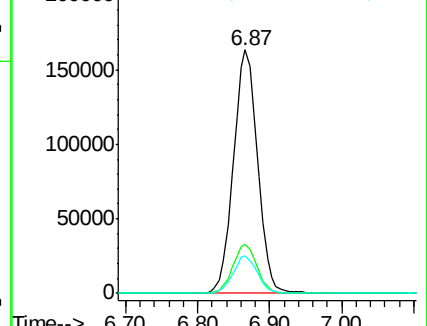
88 15.3 0.0 30.0



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: 48.94 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002963.D

Acq: 28 Jun 2018 03:59

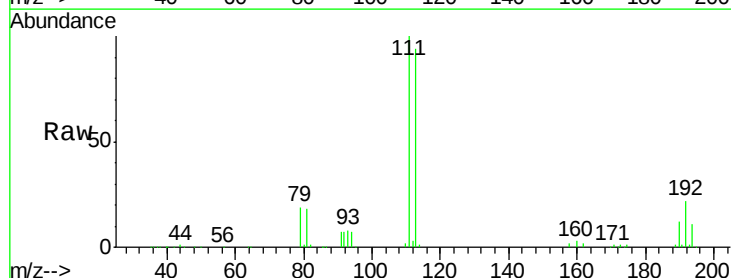
Tgt Ion:113 Resp: 147563

Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

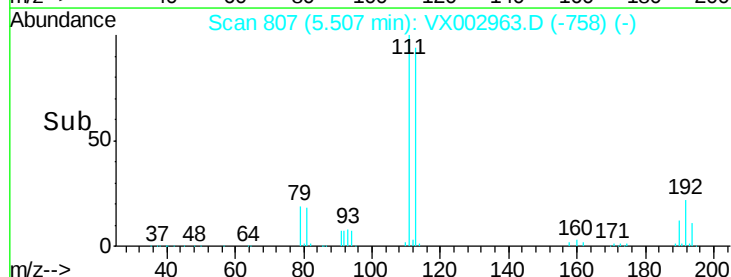
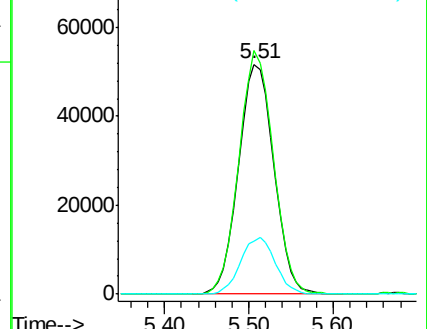
192 24.2 19.1 28.7

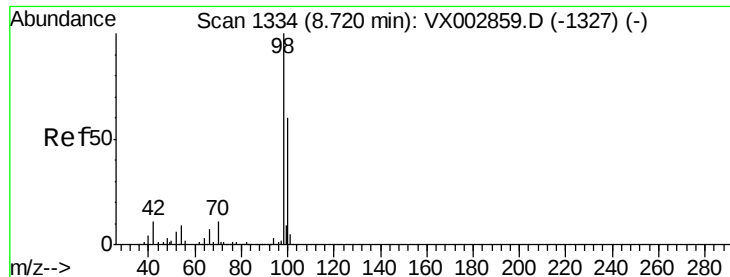


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.46 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002963.D

Acq: 28 Jun 2018 03:59

Instrument :

MSVOA_X

ClientSampleId :

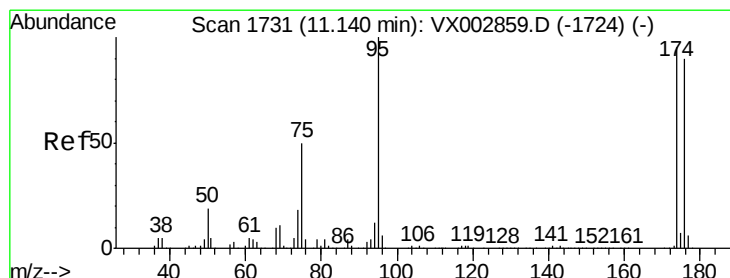
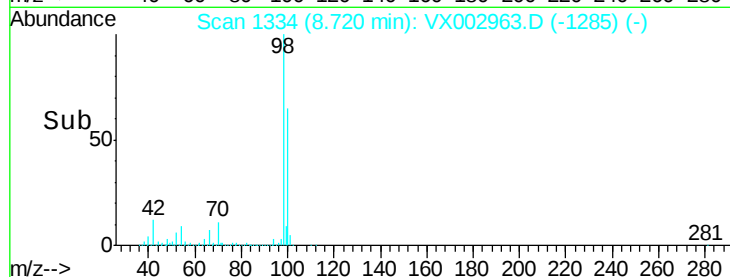
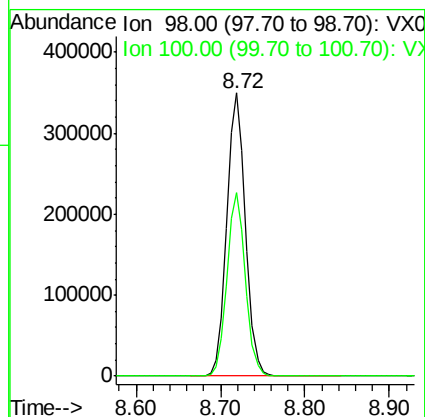
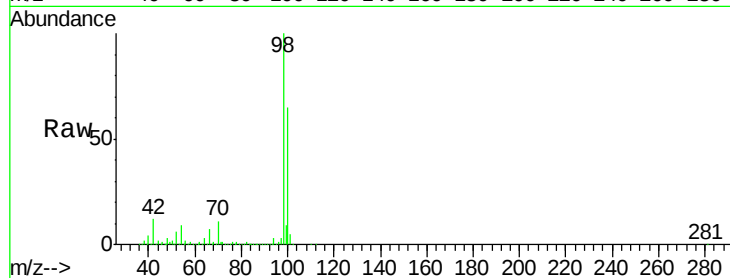
W-27

Tot Ion: 98 Resp: 533560

Ion Ratio Lower Upper

98 100

100 63.9 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 45.41 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002963.D

Acq: 28 Jun 2018 03:59

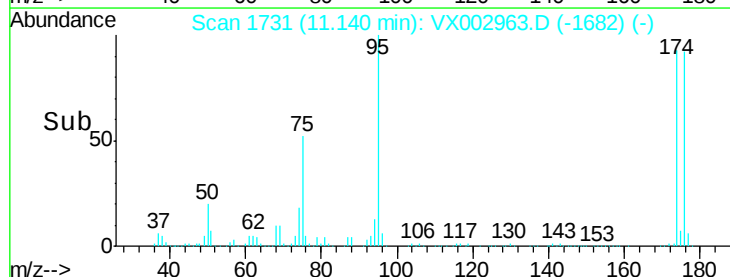
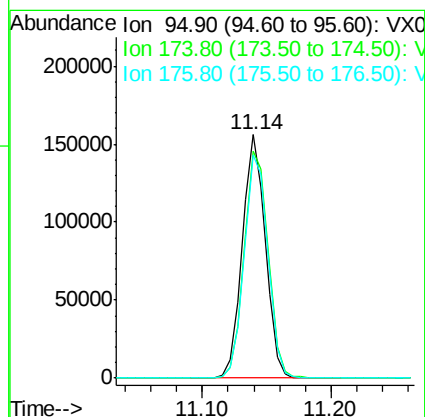
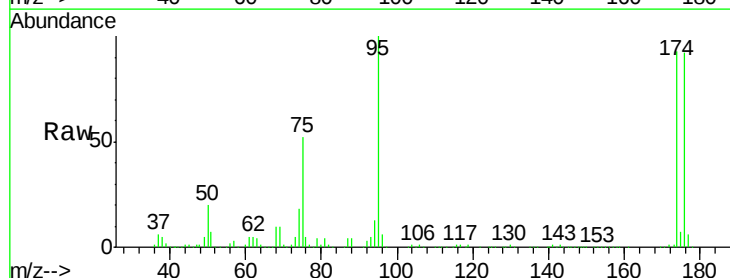
Tgt Ion: 95 Resp: 192816

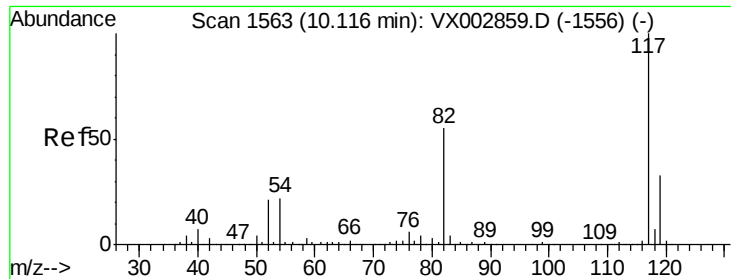
Ion Ratio Lower Upper

95 100

174 96.7 0.0 187.4

176 93.9 0.0 181.0

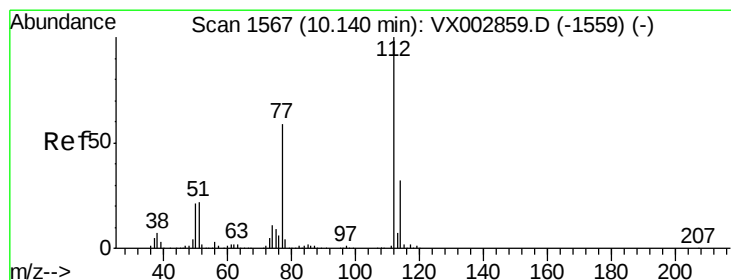
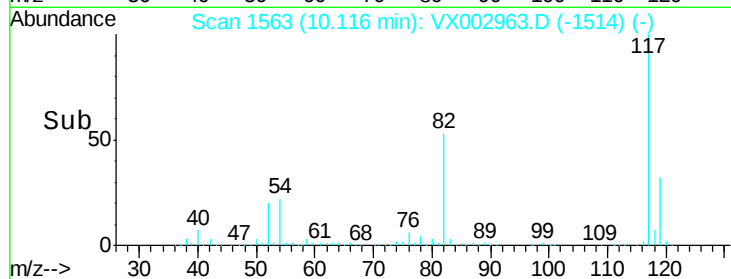
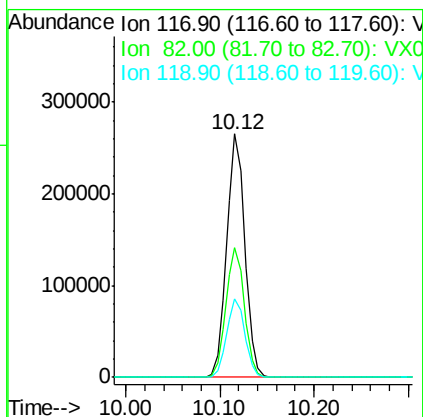
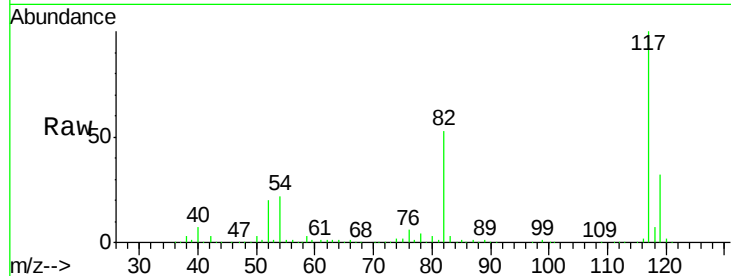




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002963.D
Acq: 28 Jun 2018 03:59

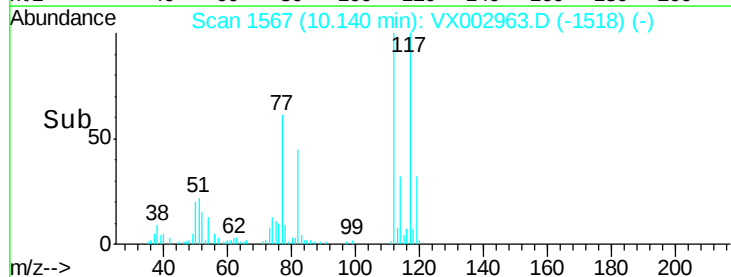
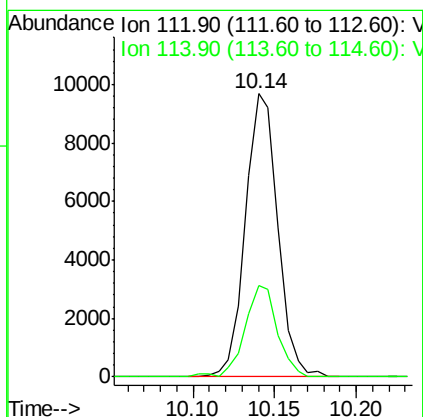
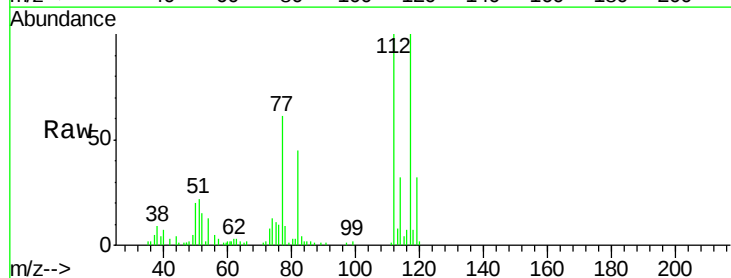
Instrument :
MSVOA_X
ClientSampled :
W-27

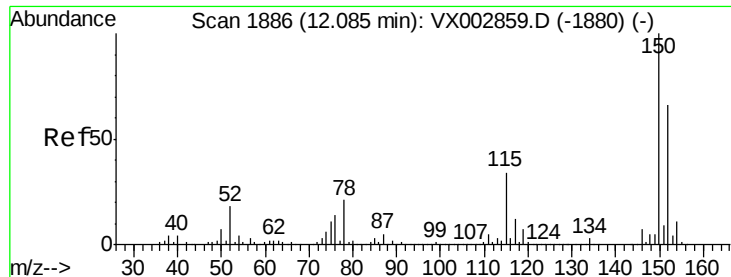
Tot Ion:117 Resp: 355909
Ion Ratio Lower Upper
117 100
82 53.3 45.0 67.4
119 32.3 25.8 38.6



#65
Chlorobenzene
Concen: 1.48 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002963.D
Acq: 28 Jun 2018 03:59

Tgt Ion:112 Resp: 13404
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002963.D

Acq: 28 Jun 2018 03:59

Instrument :

MSVOA_X

ClientSampleId :

W-27

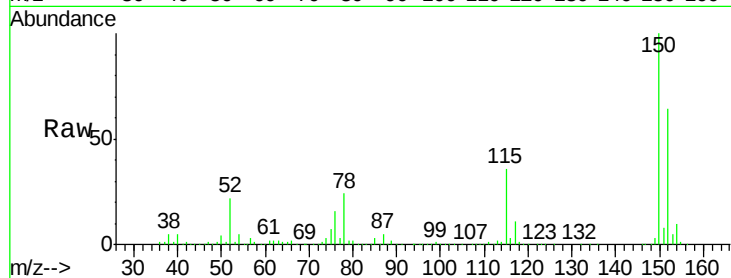
Tot Ion:152 Resp: 204692

Ion Ratio Lower Upper

152 100

115 54.0 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

