

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002974.D
 Acq On : 28 Jun 2018 08:50
 Operator : JC/MD
 Sample : J3691-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-37

Quant Time: Jun 28 16:02:13 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	271481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	378785	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	350571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	206251	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	178203	47.49	ug/l	0.00
Spiked Amount			Recovery	=	94.98%	
35) Dibromofluoromethane	5.51	113	147135	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
50) Toluene-d8	8.72	98	531813	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	
62) 4-Bromofluorobenzene	11.14	95	192775	45.63	ug/l	0.00
Spiked Amount			Recovery	=	91.26%	

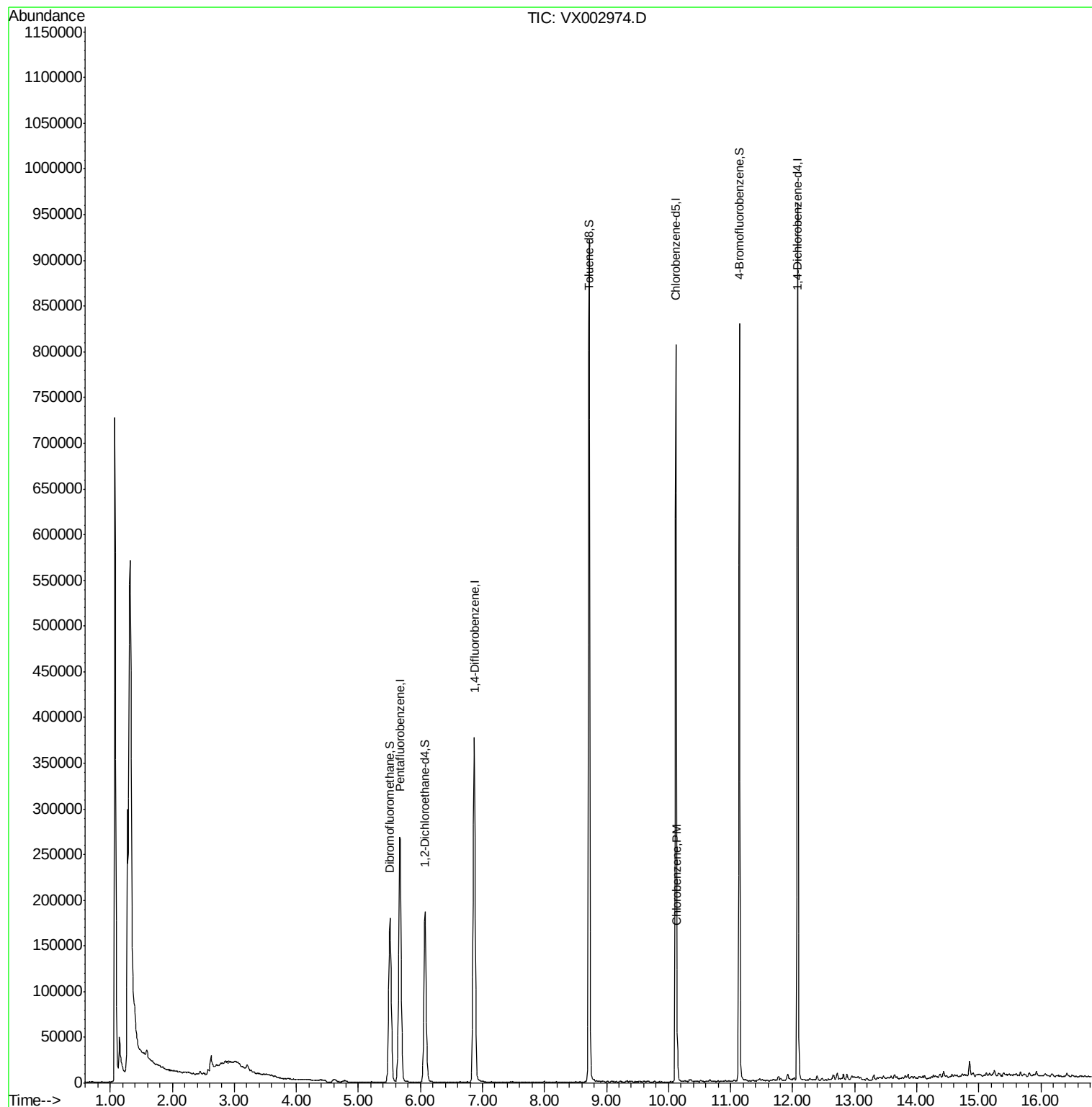
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
65) Chlorobenzene	10.14	112	12982	1.46	ug/l	96

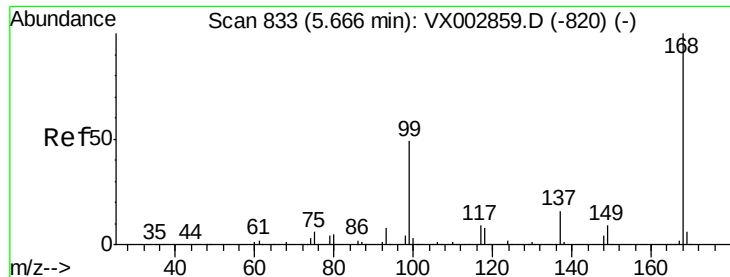
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX002974.D

Acq: 28 Jun 2018 08:50

Instrument :

MSVOA_X

ClientSampled :

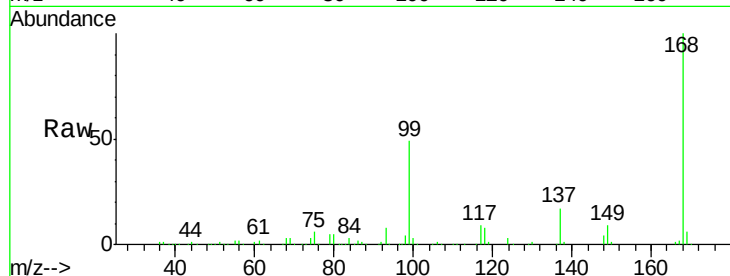
W-37

Tot Ion:168 Resp: 271481

Ion Ratio Lower Upper

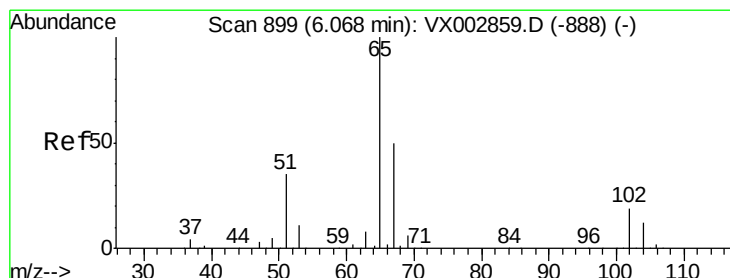
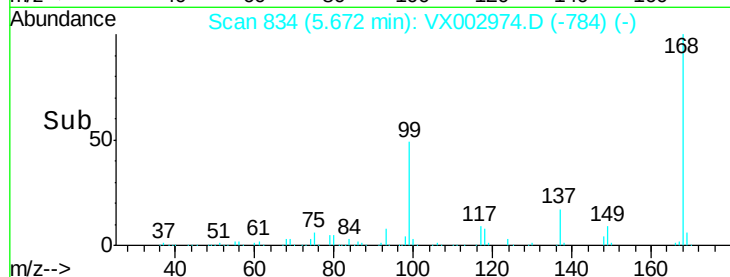
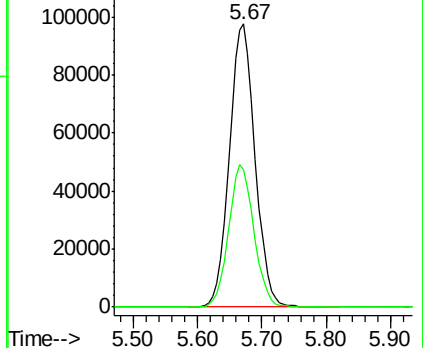
168 100

99 48.7 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: 47.49 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002974.D

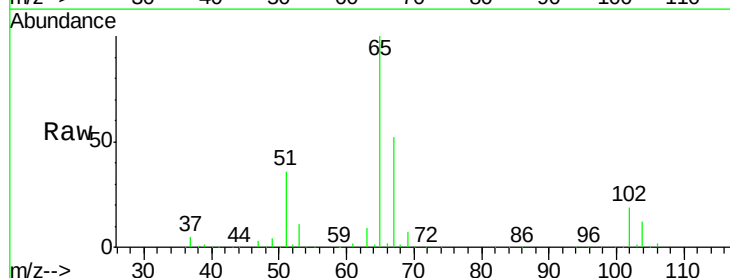
Acq: 28 Jun 2018 08:50

Tgt Ion: 65 Resp: 178203

Ion Ratio Lower Upper

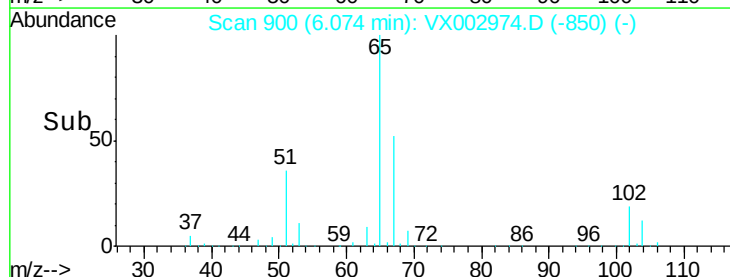
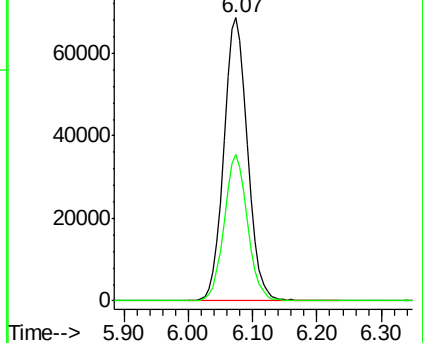
65 100

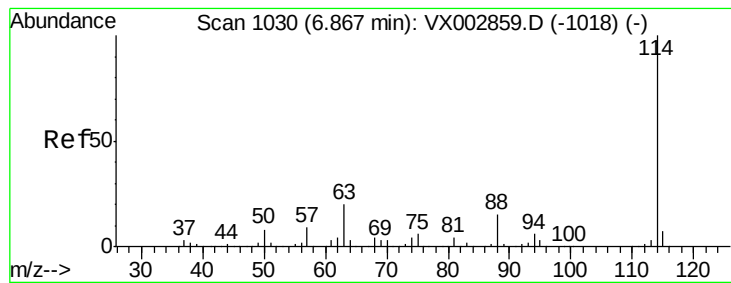
67 50.9 0.0 102.6



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: VX002974.D

Acq: 28 Jun 2018 08:50

Instrument :

MSVOA_X

ClientSampleId :

W-37

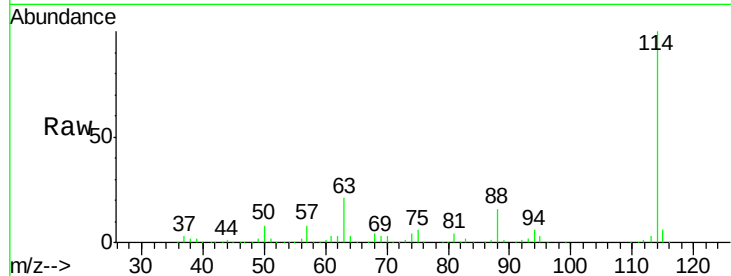
Tot Ion:114 Resp: 378785

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.4

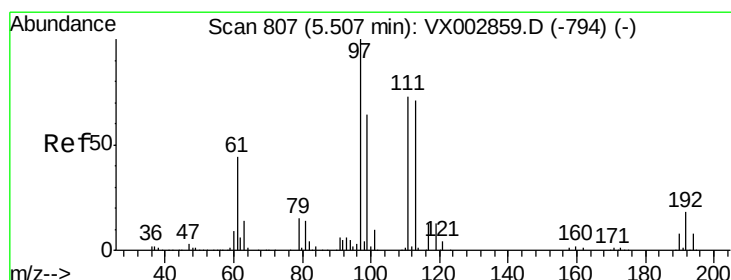
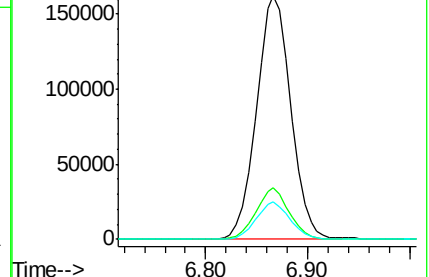
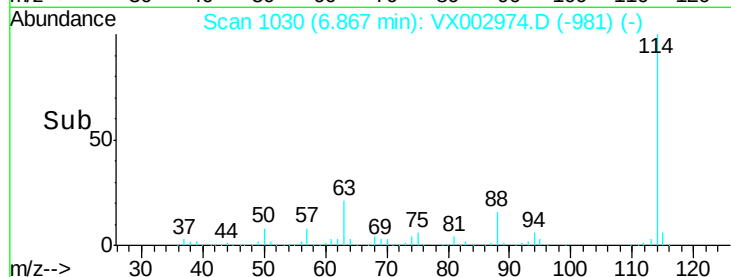
88 15.6 0.0 30.0



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: 49.05 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002974.D

Acq: 28 Jun 2018 08:50

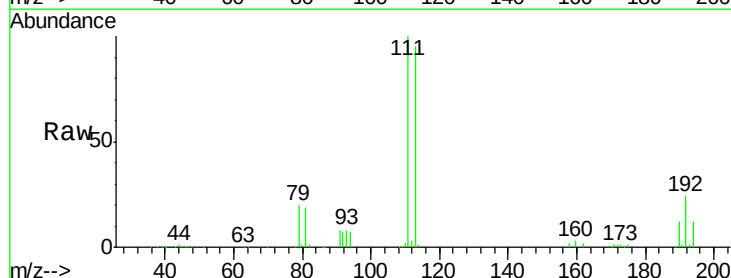
Tgt Ion:113 Resp: 147135

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

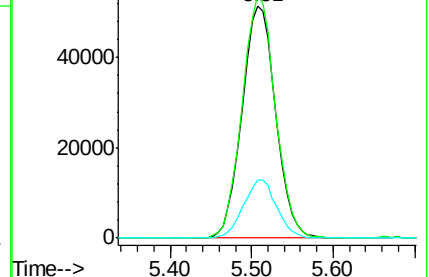
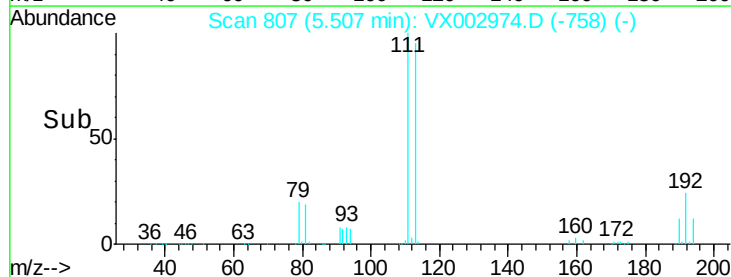
192 24.8 19.1 28.7

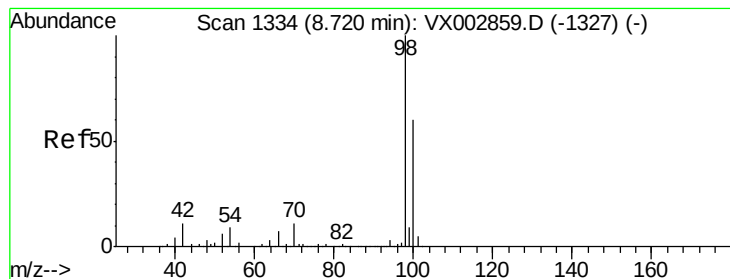


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.55 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002974.D

Acq: 28 Jun 2018 08:50

Instrument :

MSVOA_X

ClientSampleId :

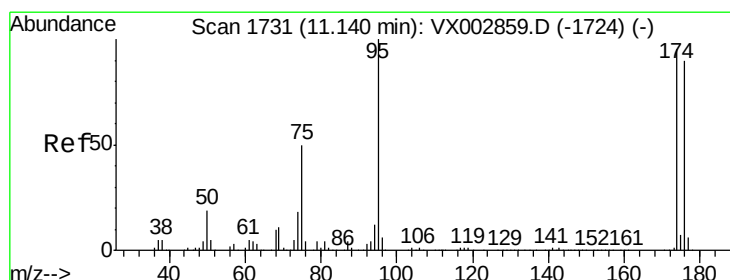
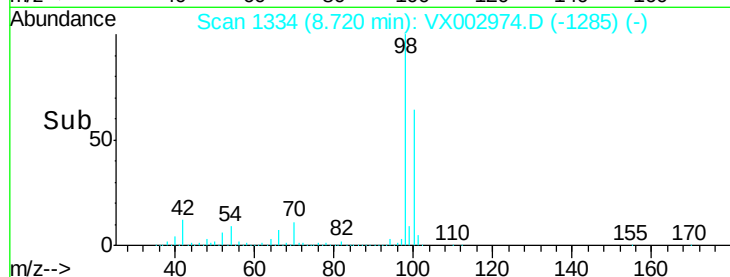
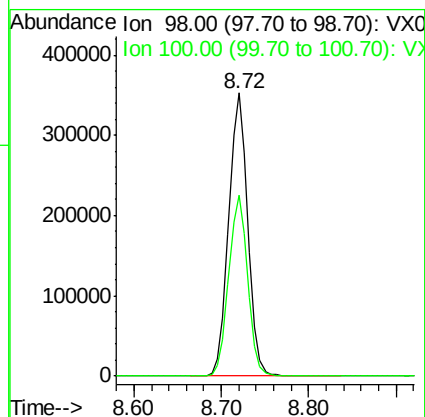
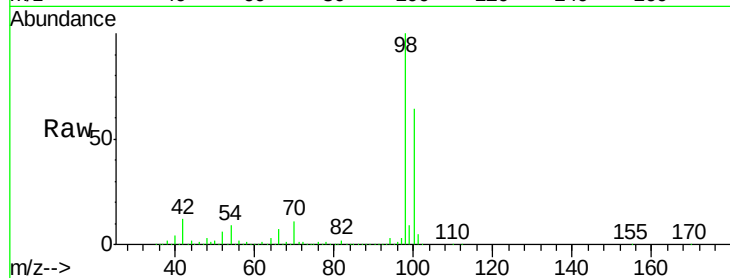
W-37

Tot Ion: 98 Resp: 531813

Ion Ratio Lower Upper

98 100

100 63.9 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 45.63 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002974.D

Acq: 28 Jun 2018 08:50

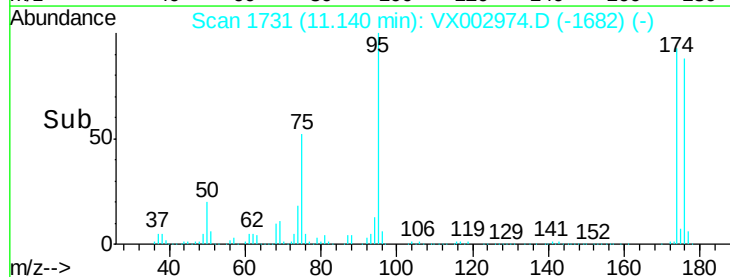
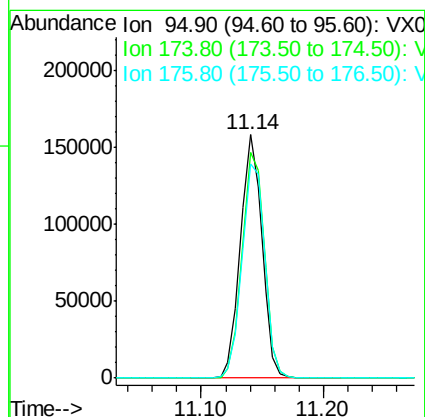
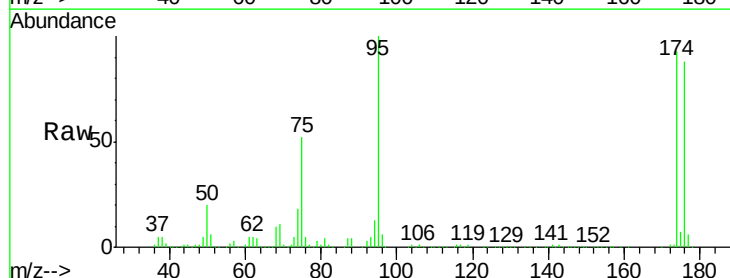
Tgt Ion: 95 Resp: 192775

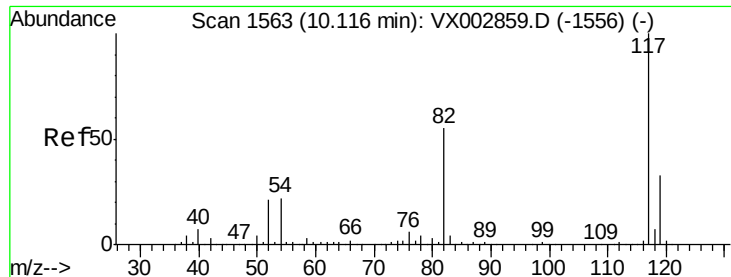
Ion Ratio Lower Upper

95 100

174 96.3 0.0 187.4

176 93.2 0.0 181.0

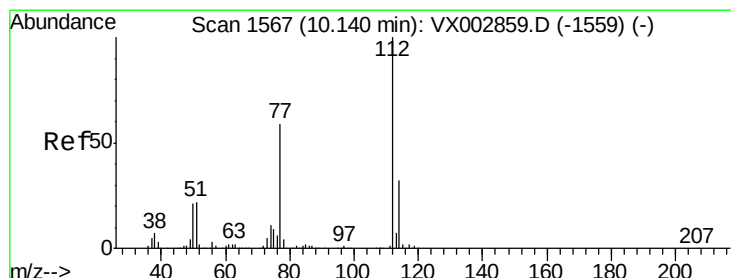
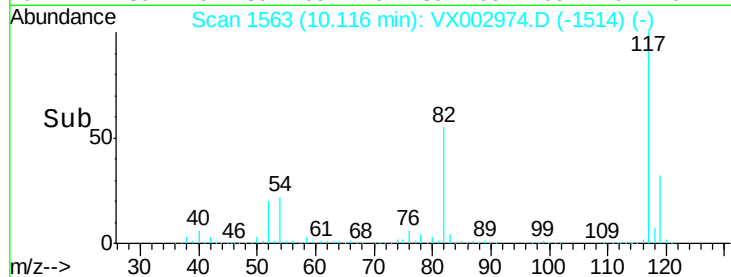
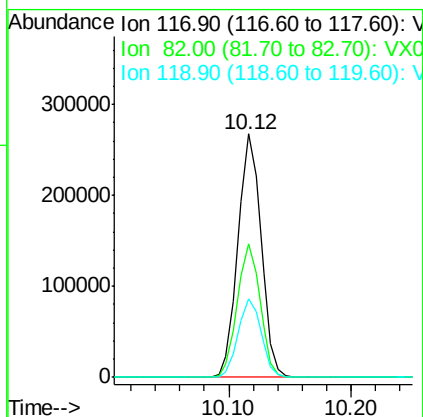
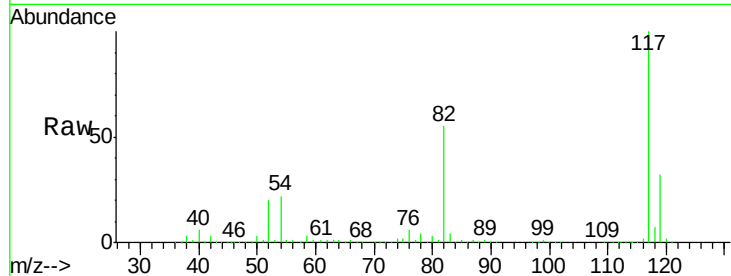




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002974.D
Acq: 28 Jun 2018 08:50

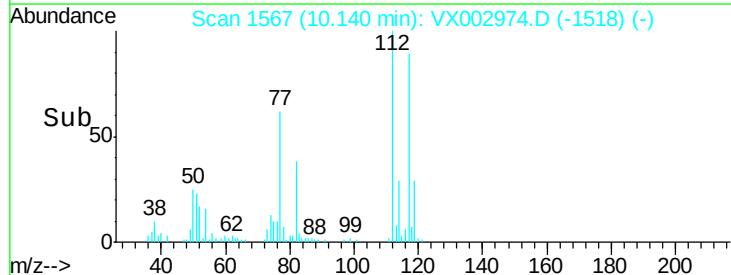
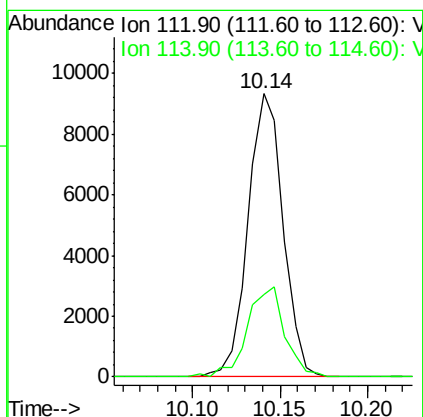
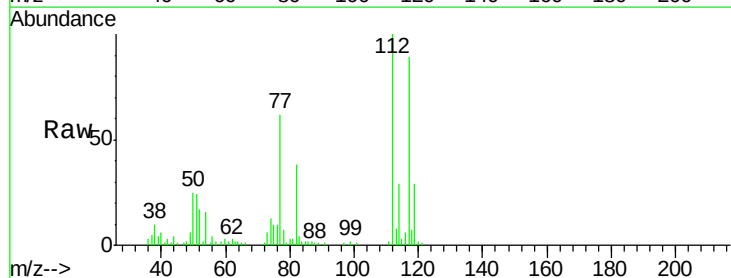
Instrument :
MSVOA_X
ClientSampleId :
W-37

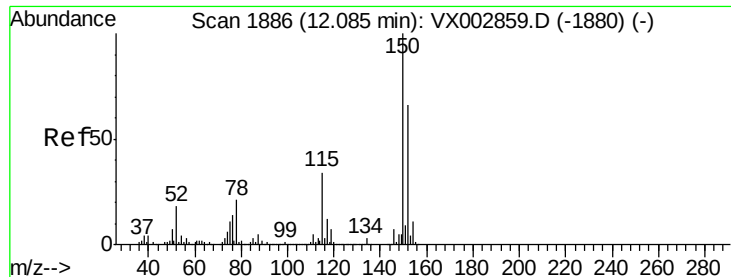
Tot Ion:117 Resp: 350571
Ion Ratio Lower Upper
117 100
82 54.8 45.0 67.4
119 32.0 25.8 38.6



#65
Chlorobenzene
Concen: 1.46 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002974.D
Acq: 28 Jun 2018 08:50

Tgt Ion:112 Resp: 12982
Ion Ratio Lower Upper
112 100
114 29.3 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002974.D

Acq: 28 Jun 2018 08:50

Instrument :

MSVOA_X

ClientSampleId :

W-37

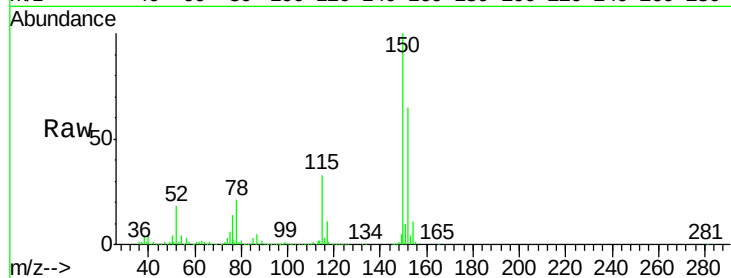
Tot Ion:152 Resp: 206251

Ion Ratio Lower Upper

152 100

115 54.2 40.1 120.2

150 155.8 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

