

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042718\
 Data File : VX001179.D
 Acq On : 27 Apr 2018 19:02
 Operator : JC/MD
 Sample : J2463-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014MW080-180416

Quant Time: Apr 28 03:56:09 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

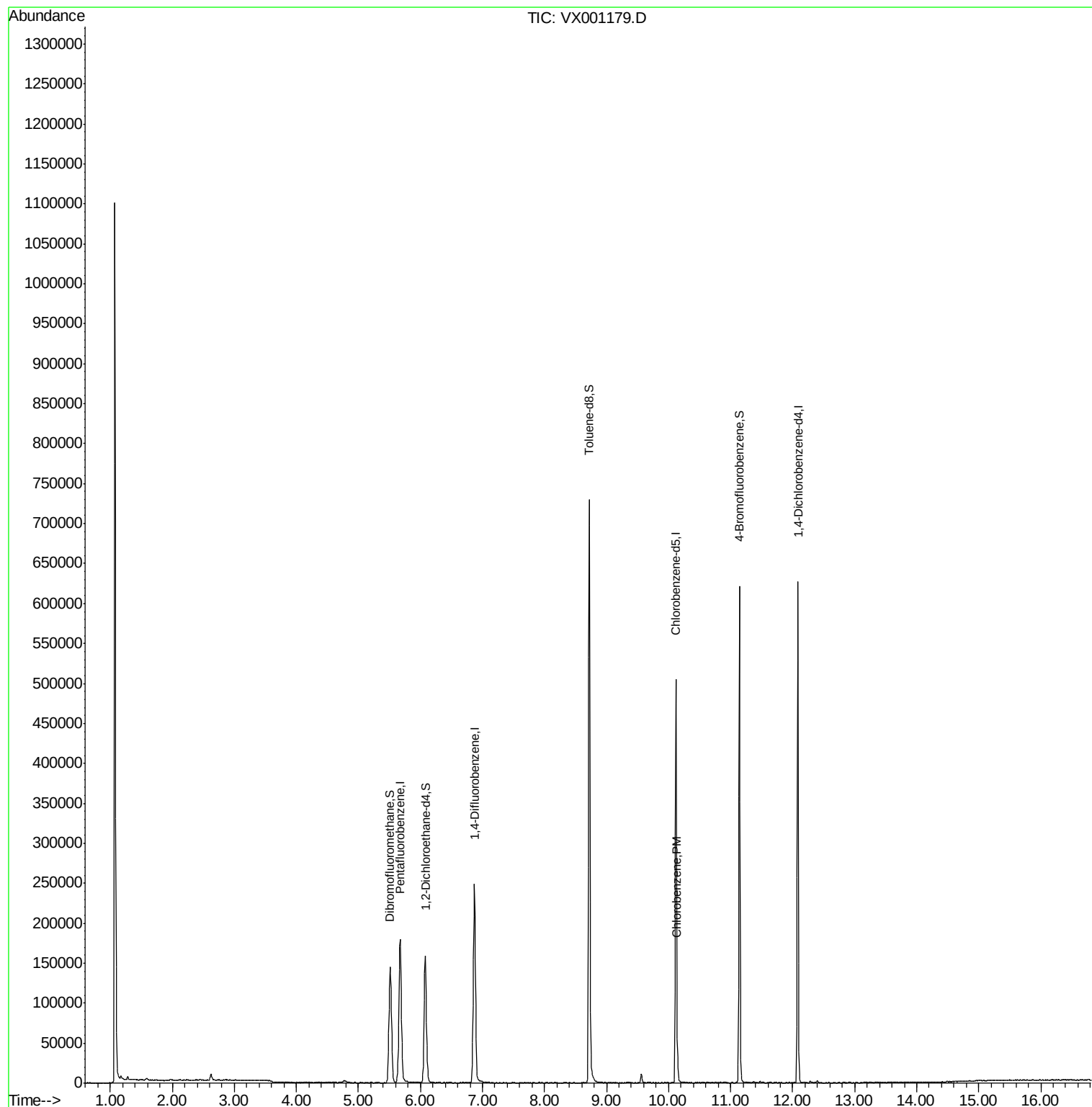
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	190596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	259026	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	233369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129999	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	151758	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
35) Dibromofluoromethane	5.51	113	116955	54.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.10%	
50) Toluene-d8	8.72	98	448263	55.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.80%	
62) 4-Bromofluorobenzene	11.14	95	152437	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
Target Compounds						
65) Chlorobenzene	10.14	112	8950	1.46	ug/l	Qvalue 96

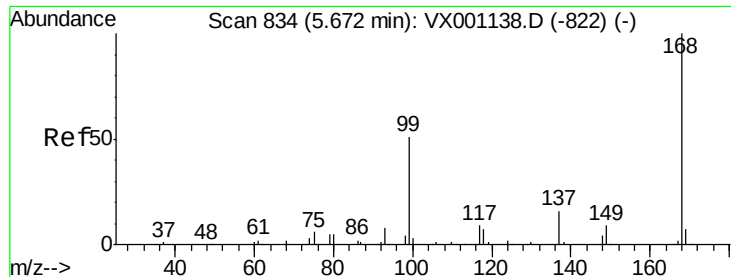
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

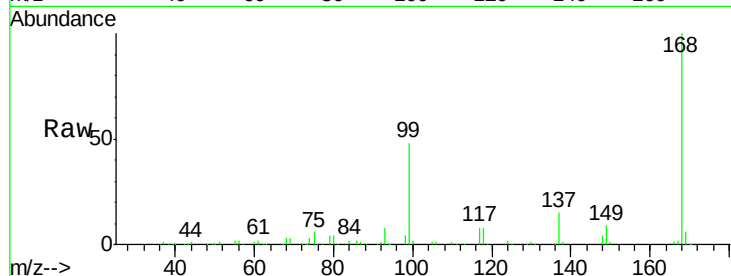
LF014MW080-180416

Tot Ion:168 Resp: 190596

Ion Ratio Lower Upper

168 100

99 48.1 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

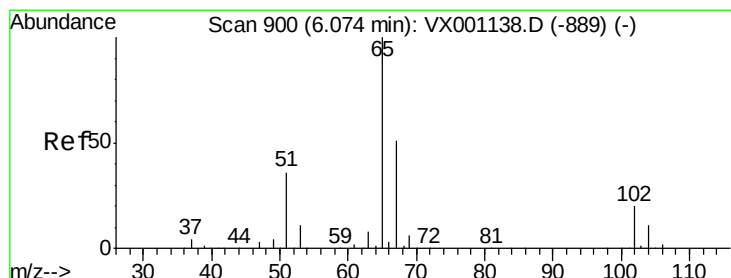
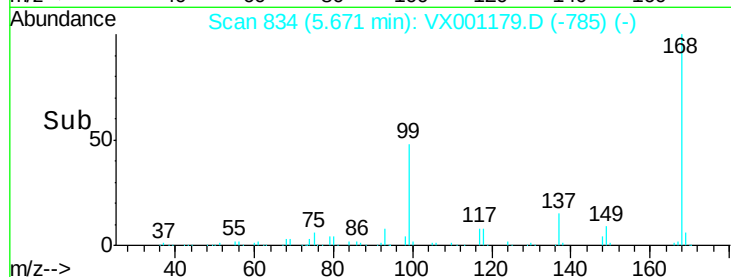
40000

20000

0

Time-->

5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.37 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001179.D

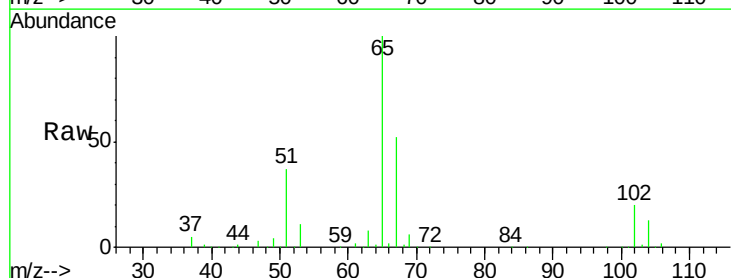
Acq: 27 Apr 2018 19:02

Tgt Ion: 65 Resp: 151758

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.08

60000

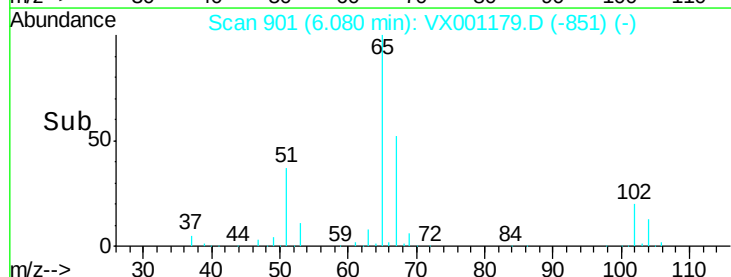
40000

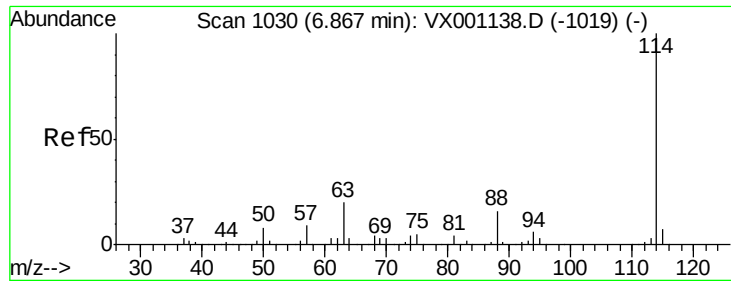
20000

0

Time-->

6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001179.D

Acq: 27 Apr 2018 19:02

Instrument :

MSVOA_X

ClientSampleId :

LF014MW080-180416

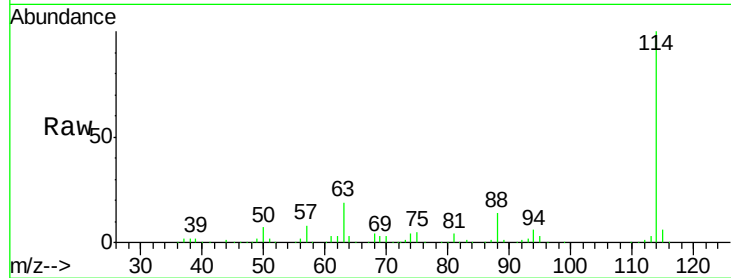
Tot Ion:114 Resp: 259026

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.4

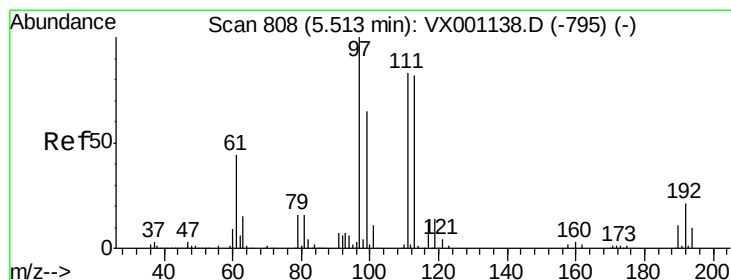
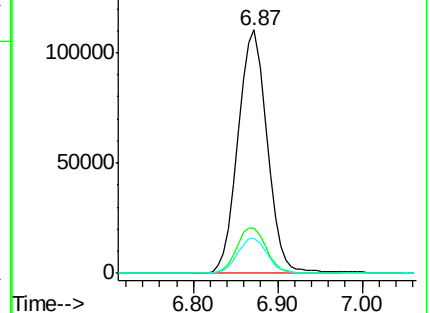
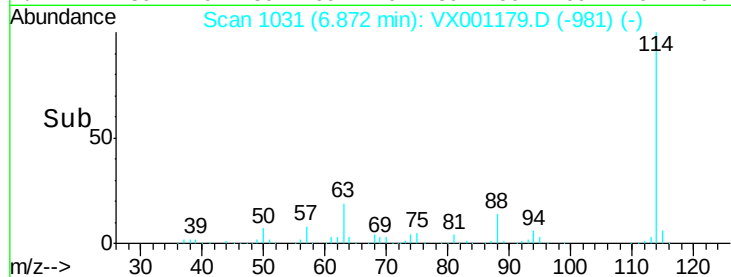
88 14.1 0.0 31.8



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: 54.55 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001179.D

Acq: 27 Apr 2018 19:02

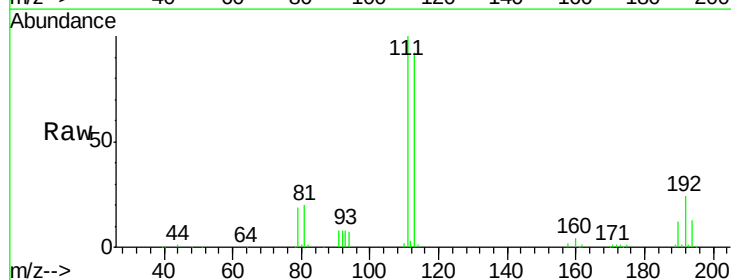
Tgt Ion:113 Resp: 116955

Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

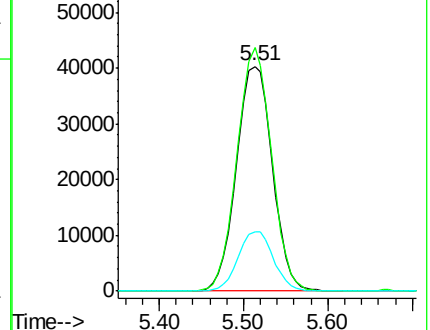
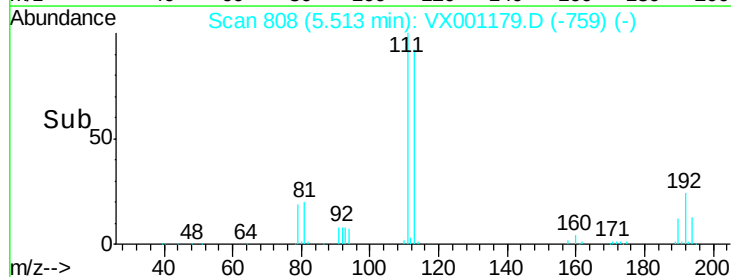
192 25.9 20.6 30.8

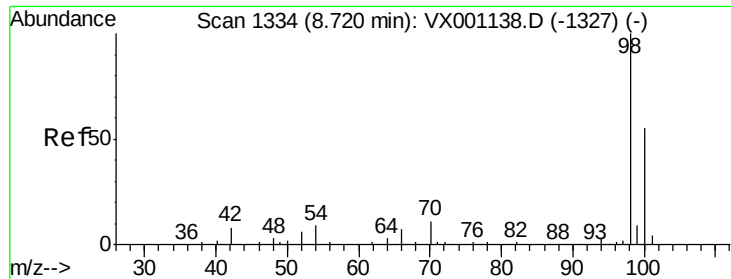


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.40 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001179.D

Acq: 27 Apr 2018 19:02

Instrument :

MSVOA_X

ClientSampleId :

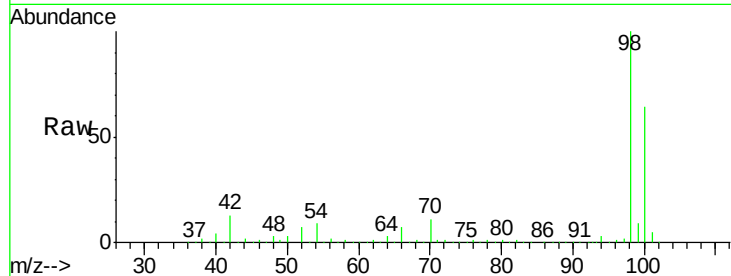
LF014MW080-180416

Tot Ion: 98 Resp: 448263

Ion Ratio Lower Upper

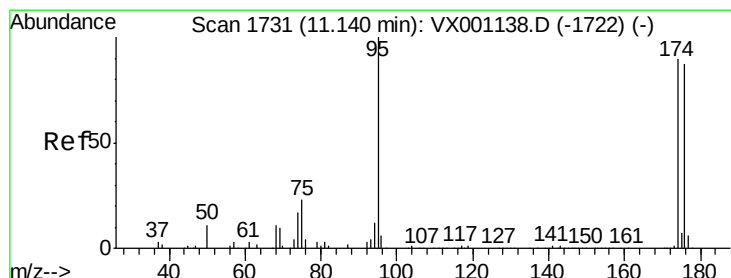
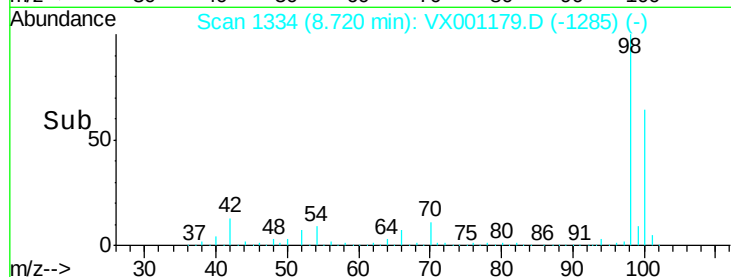
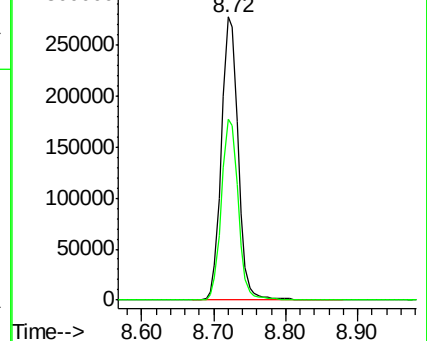
98 100

100 64.0 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 48.23 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001179.D

Acq: 27 Apr 2018 19:02

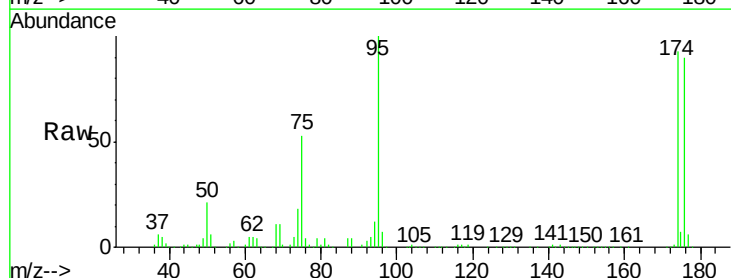
Tgt Ion: 95 Resp: 152437

Ion Ratio Lower Upper

95 100

174 100.7 0.0 194.4

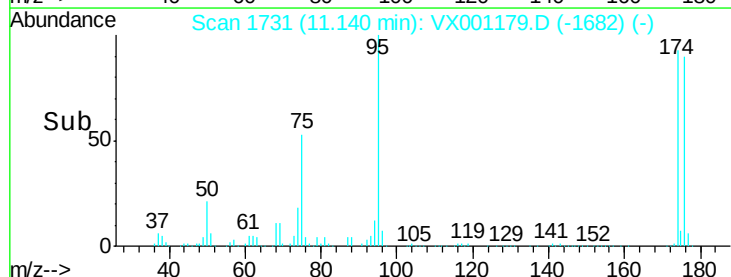
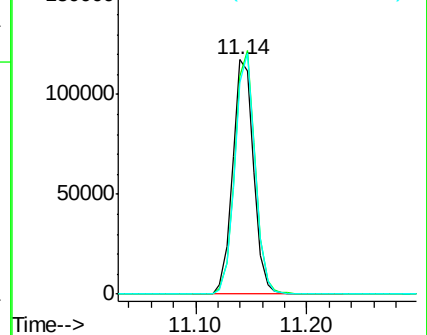
176 98.6 0.0 190.2

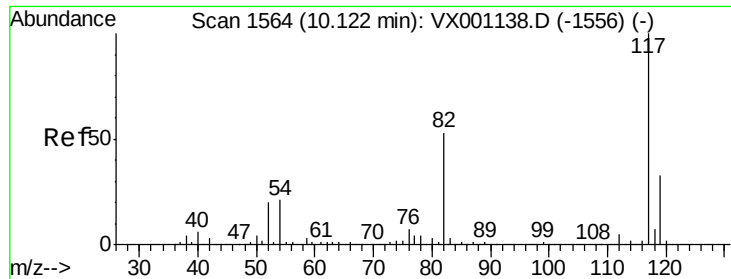


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

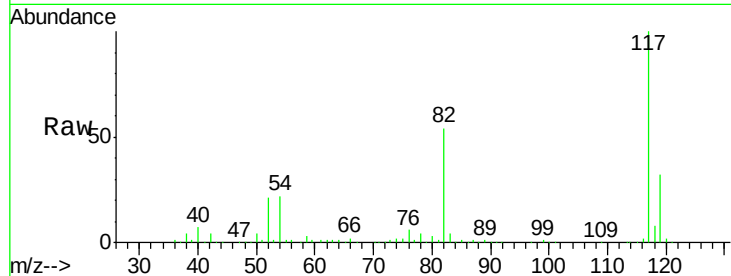




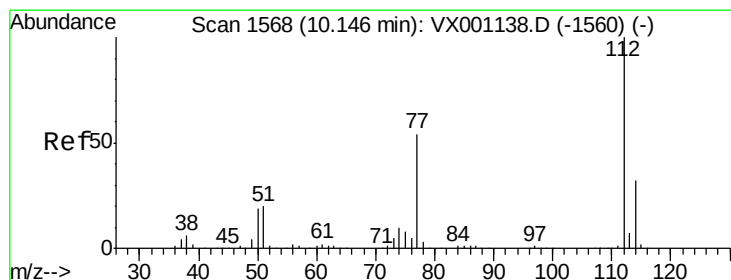
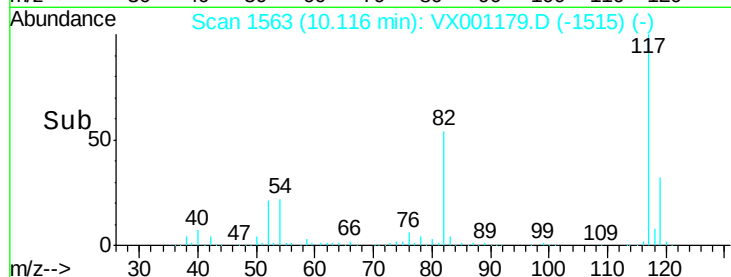
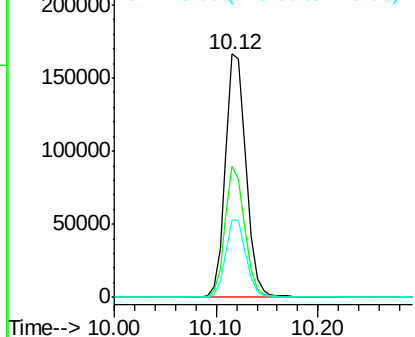
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001179.D
Acq: 27 Apr 2018 19:02

Instrument :
MSVOA_X
ClientSampleId :
LF014MW080-180416

Tot Ion:117 Resp: 233369
Ion Ratio Lower Upper
117 100
82 53.8 42.1 63.1
119 31.7 26.1 39.1

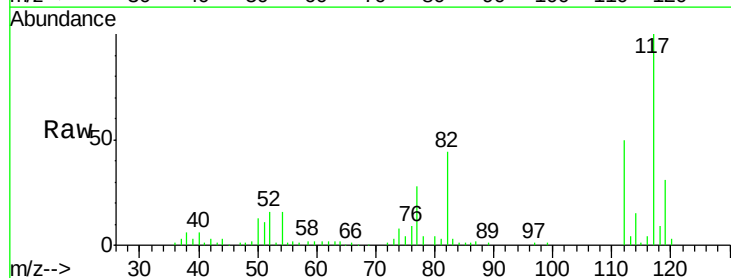


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

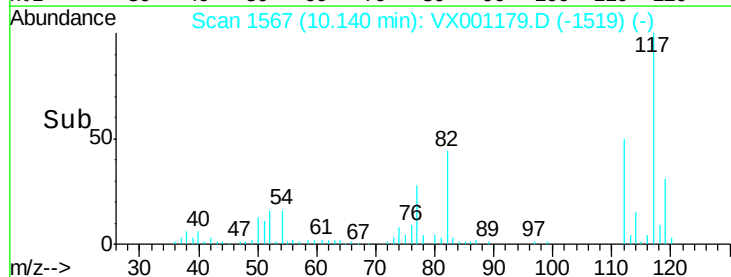
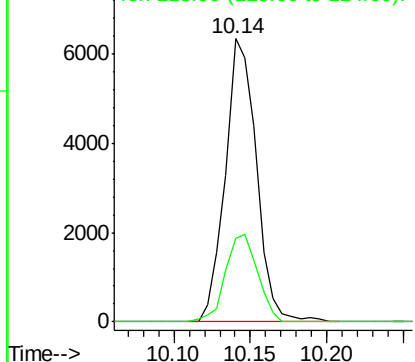


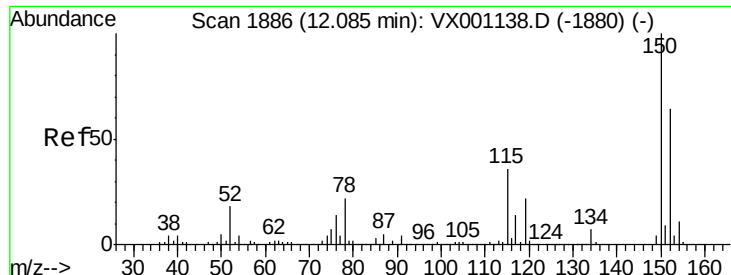
#65
Chlorobenzene
Concen: 1.46 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001179.D
Acq: 27 Apr 2018 19:02

Tgt Ion:112 Resp: 8950
Ion Ratio Lower Upper
112 100
114 29.7 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001179.D

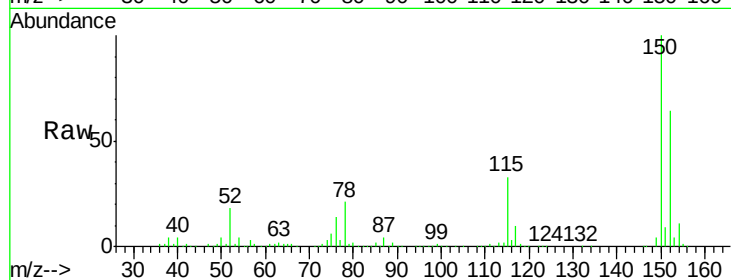
Acq: 27 Apr 2018 19:02

Instrument :

MSVOA_X

ClientSampleId :

LF014MW080-180416



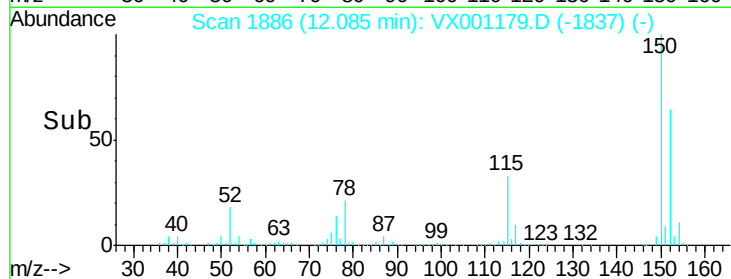
Tot Ion:152 Resp: 129999

Ion Ratio Lower Upper

152 100

115 53.1 38.0 114.0

150 156.4 0.0 349.6



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

