

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072118\
 Data File : VX003574.D
 Acq On : 22 Jul 2018 01:03
 Operator : JC/SP
 Sample : J4050-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LCTB02-180717

Quant Time: Jul 23 09:36:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	282472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	405207	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	377064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206151	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	171096	51.17	ug/l	0.00
Spiked Amount						
			Recovery	=	102.34%	
35) Dibromofluoromethane	5.51	113	165814	53.73	ug/l	0.00
Spiked Amount						
			Recovery	=	107.46%	
50) Toluene-d8	8.72	98	573032	49.40	ug/l	0.00
Spiked Amount						
			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	11.14	95	194752	46.00	ug/l	0.00
Spiked Amount						
			Recovery	=	92.00%	

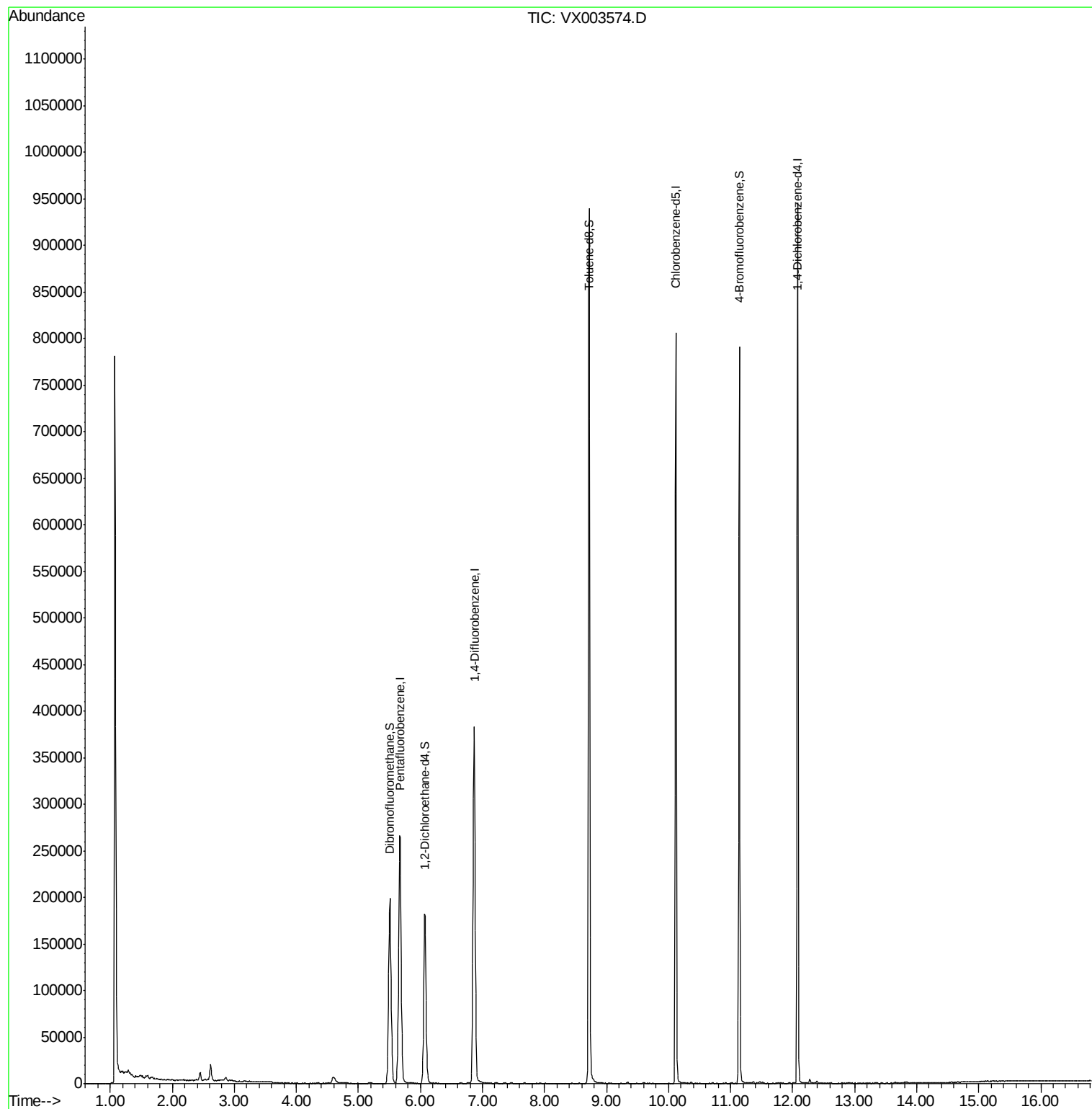
Target Compounds	Qvalue

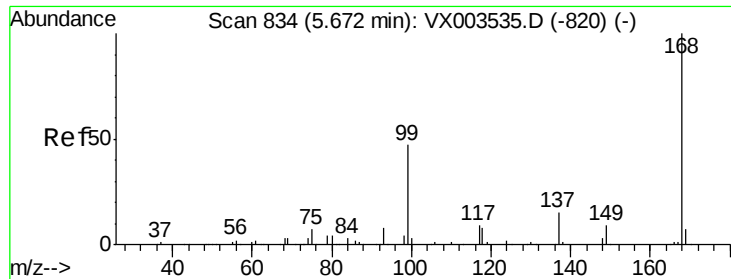
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072118\
Data File : VX003574.D
Acq On : 22 Jul 2018 01:03
Operator : JC/SP
Sample : J4050-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LCTB02-180717

Quant Time: Jul 23 09:36:24 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003574.D

Acq: 22 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

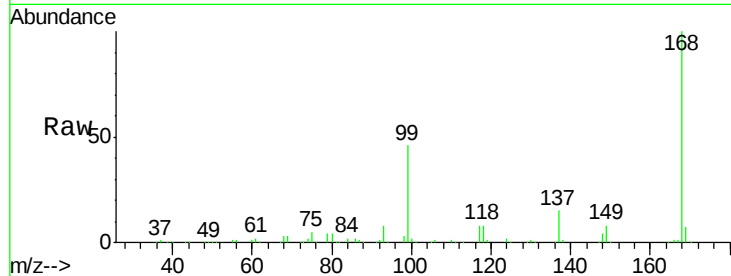
LCTB02-180717

Tot Ion:168 Resp: 282472

Ion Ratio Lower Upper

168 100

99 45.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

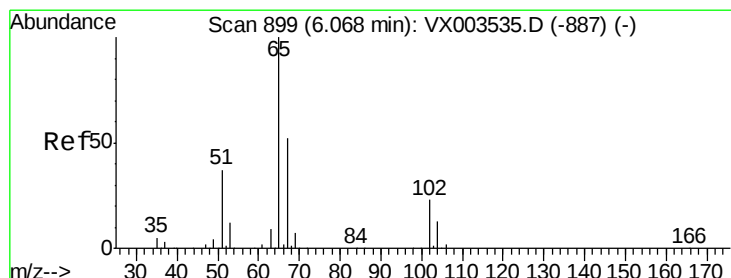
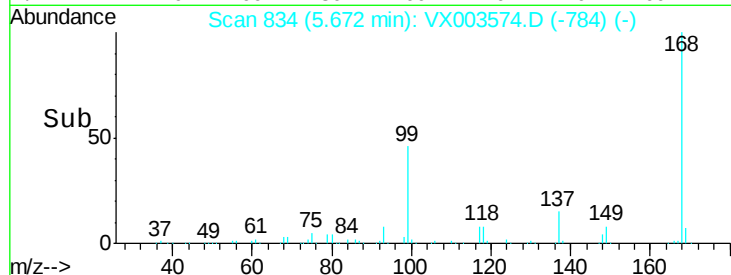
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.17 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003574.D

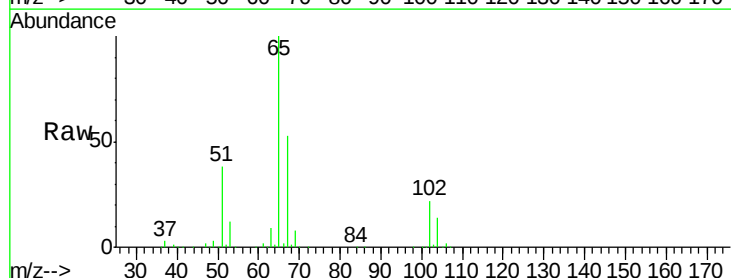
Acq: 22 Jul 2018 01:03

Tgt Ion: 65 Resp: 171096

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

60000

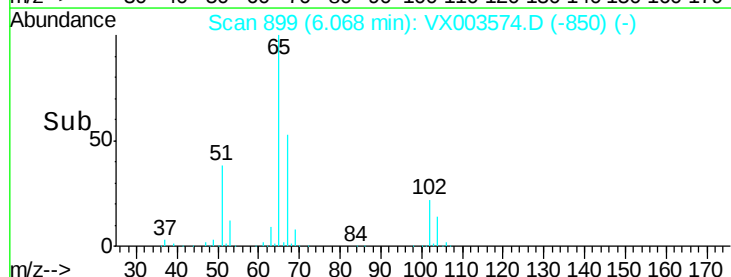
40000

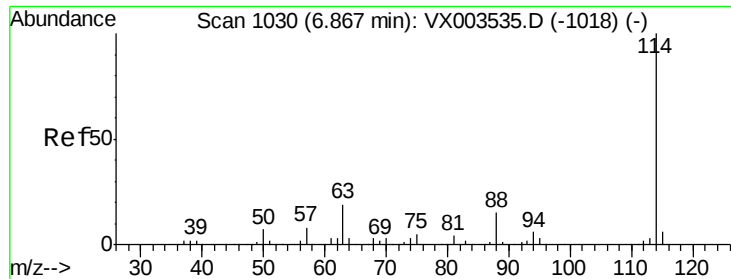
20000

0

5.90 6.00 6.10 6.20 6.30

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003574.D

Acq: 22 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

LCTB02-180717

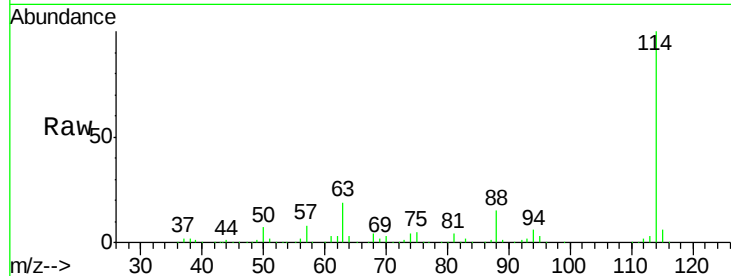
Tot Ion:114 Resp: 405207

Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.4

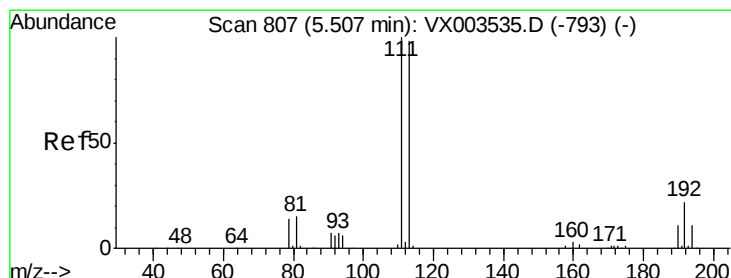
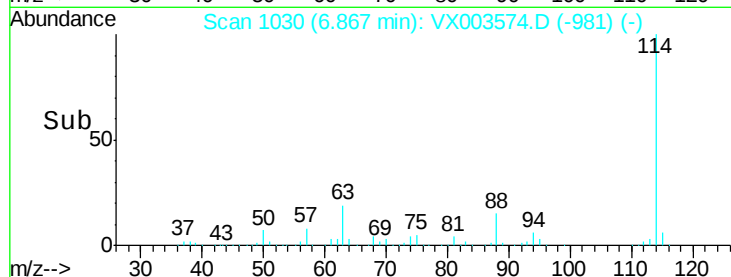
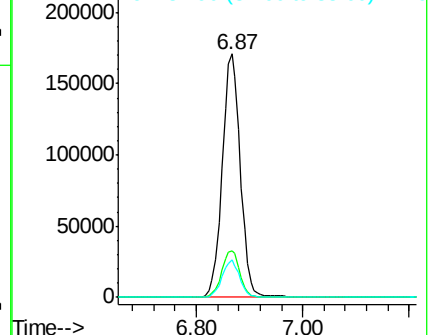
88 15.3 0.0 30.0



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: 53.73 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003574.D

Acq: 22 Jul 2018 01:03

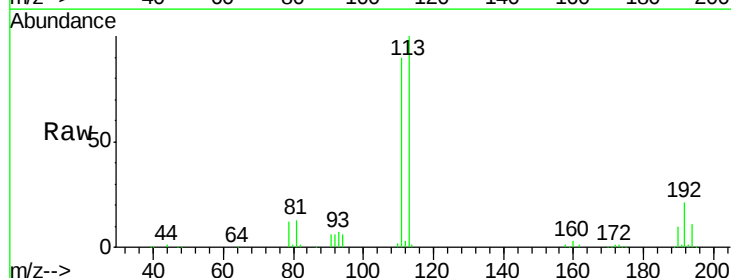
Tgt Ion:113 Resp: 165814

Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

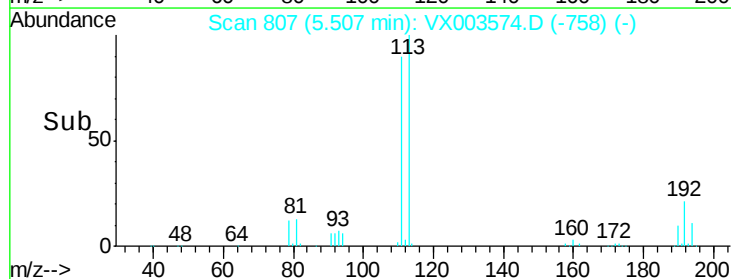
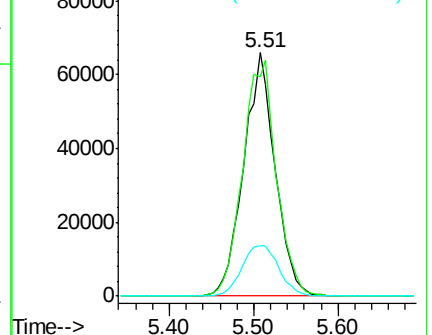
192 24.4 19.1 28.7

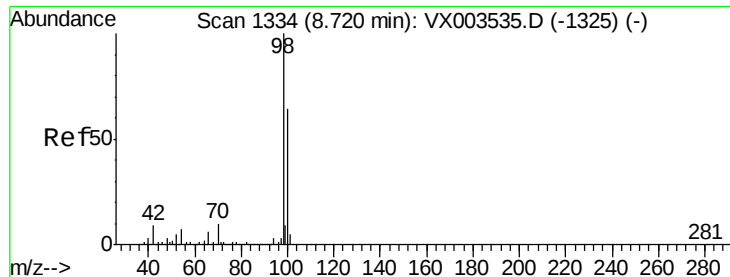


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.40 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003574.D

Acq: 22 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

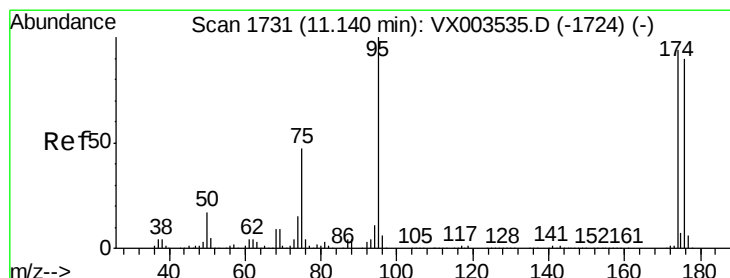
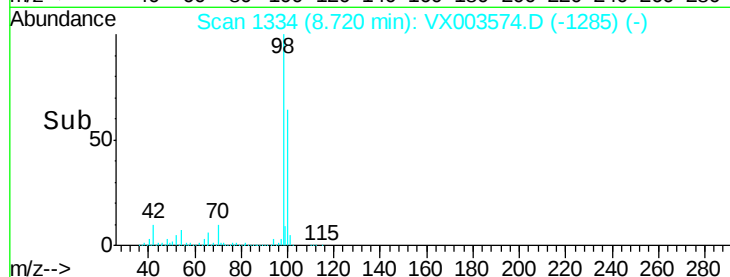
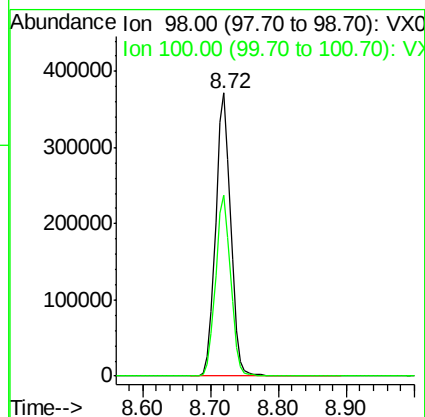
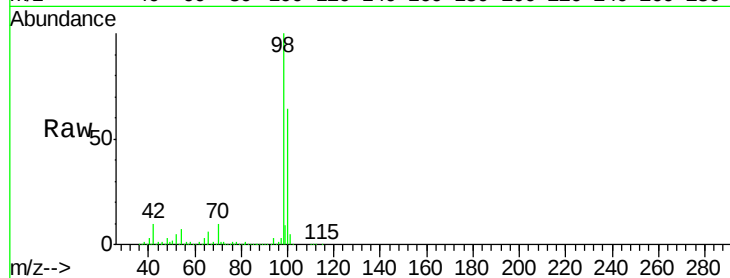
LCTB02-180717

Tot Ion: 98 Resp: 573032

Ion Ratio Lower Upper

98 100

100 63.9 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 46.00 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003574.D

Acq: 22 Jul 2018 01:03

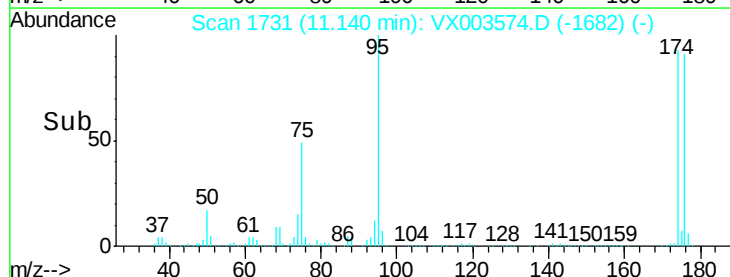
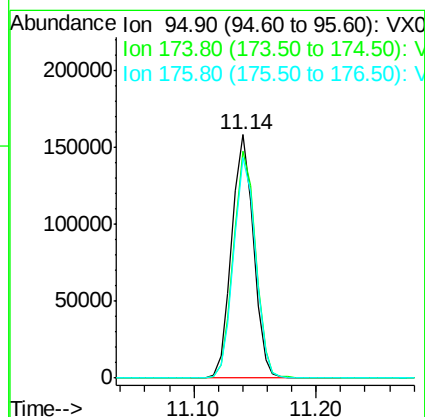
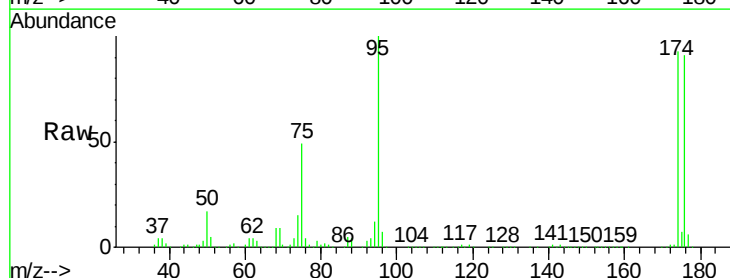
Tgt Ion: 95 Resp: 194752

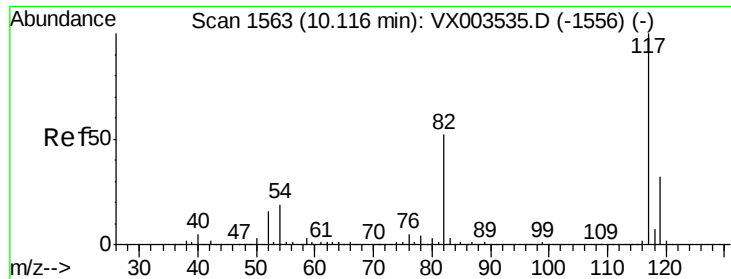
Ion Ratio Lower Upper

95 100

174 95.0 0.0 187.4

176 91.4 0.0 181.0

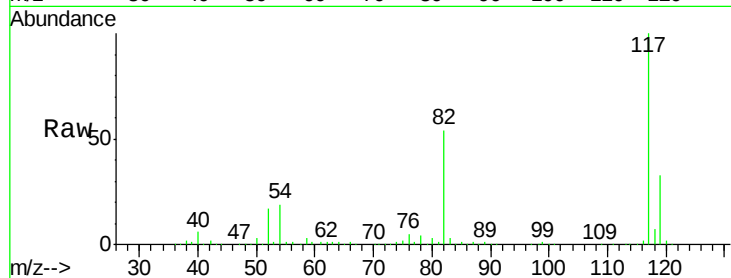




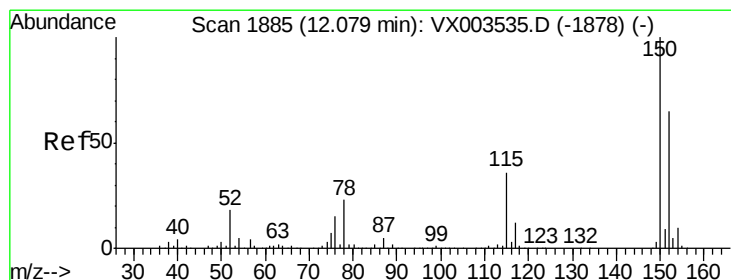
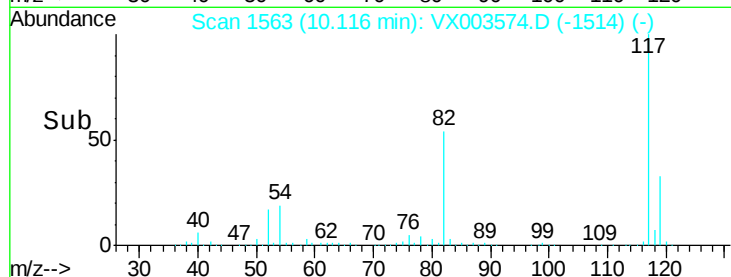
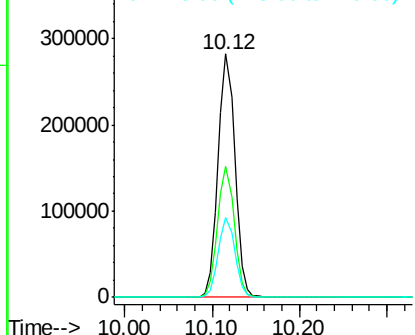
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003574.D
Acq: 22 Jul 2018 01:03

Instrument :
MSVOA_X
ClientSampleId :
LCTB02-180717

Tot Ion:117 Resp: 377064
Ion Ratio Lower Upper
117 100
82 53.8 45.0 67.4
119 32.6 25.8 38.6

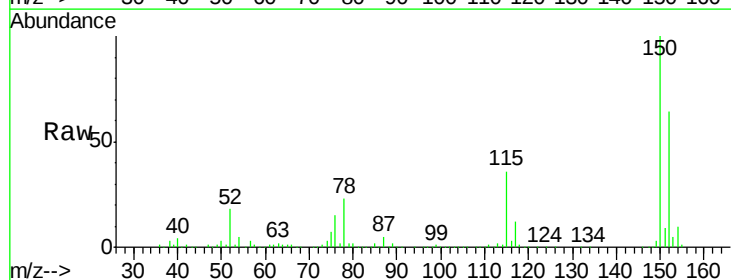


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003574.D
Acq: 22 Jul 2018 01:03

Tgt Ion:152 Resp: 206151
Ion Ratio Lower Upper
152 100
115 54.7 40.1 120.2
150 156.4 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

