

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012619\
 Data File : VX007244.D
 Acq On : 25 Jan 2019 22:01
 Operator : JC/SP
 Sample : PB116609ZHE#10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116609ZHE#10

Quant Time: Jan 28 01:24:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	525214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	818325	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	790240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	375802	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	285831	52.07	ug/l	0.00
Spiked Amount			Recovery	=	104.14%	
35) Dibromofluoromethane	5.51	113	255755	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
50) Toluene-d8	8.71	98	998925	52.08	ug/l	0.00
Spiked Amount			Recovery	=	104.16%	
62) 4-Bromofluorobenzene	11.13	95	349628	52.28	ug/l	0.00
Spiked Amount			Recovery	=	104.56%	

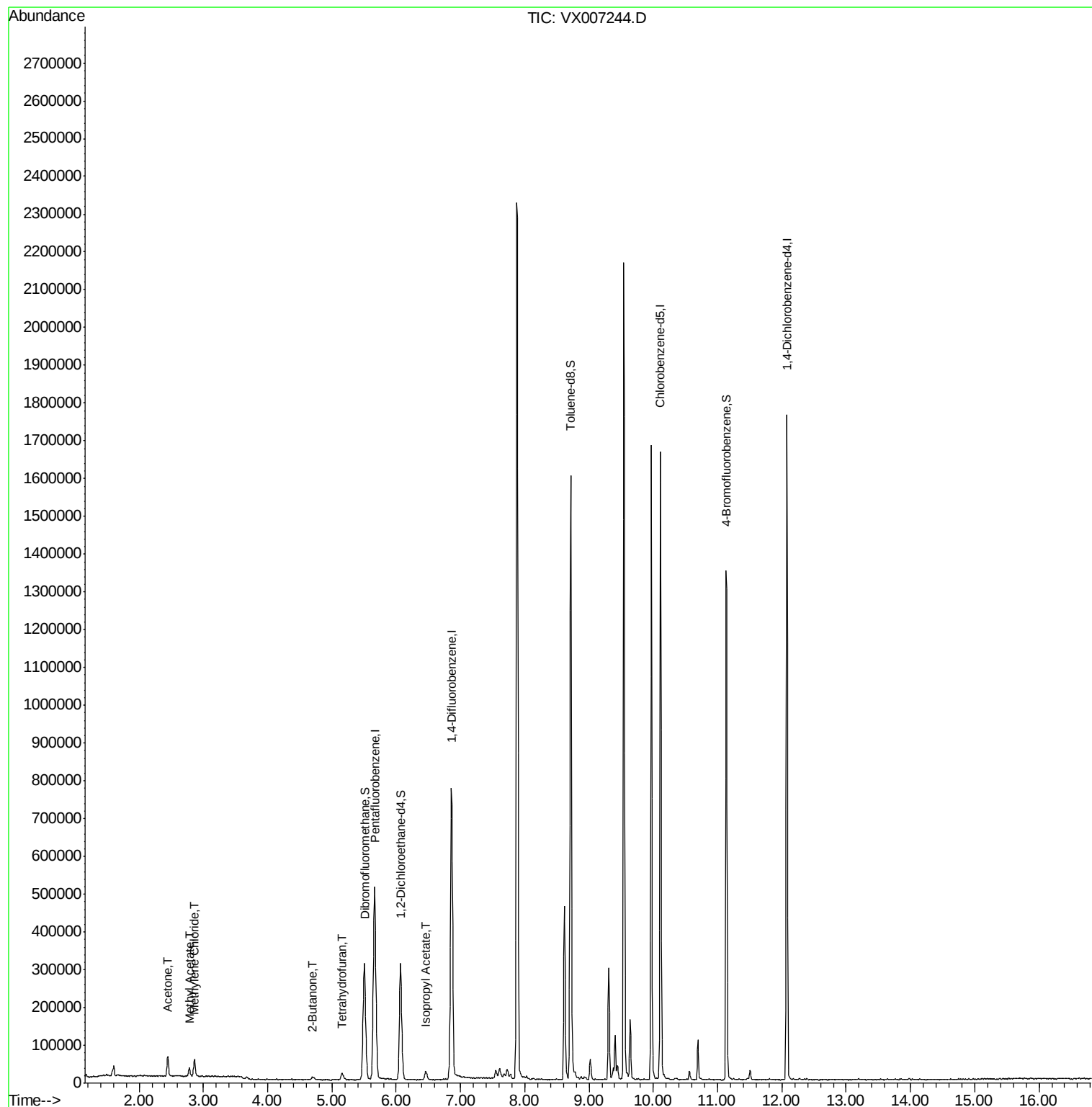
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	58396	21.520	ug/l	97
18) Methyl Acetate	2.78	43	29718	3.782	ug/l	98
20) Methylene Chloride	2.86	84	21991	3.737	ug/l	95
25) 2-Butanone	4.69	43	14088	3.628	ug/l	90
29) Tetrahydrofuran	5.15	42	15918	6.308	ug/l	95
43) Isopropyl Acetate	6.46	43	28849	2.398	ug/l	98

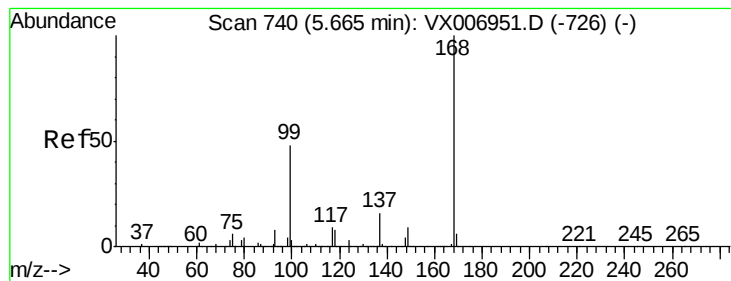
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX012619\
Data File : VX007244.D
Acq On : 25 Jan 2019 22:01
Operator : JC/SP
Sample : PB116609ZHE#10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB116609ZHE#10

Quant Time: Jan 28 01:24:03 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007244.D

Acq: 25 Jan 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

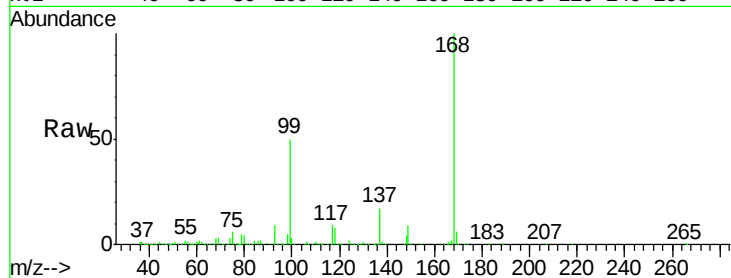
PB116609ZHE#10

Tot Ion:168 Resp: 525214

Ion Ratio Lower Upper

168 100

99 49.6 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

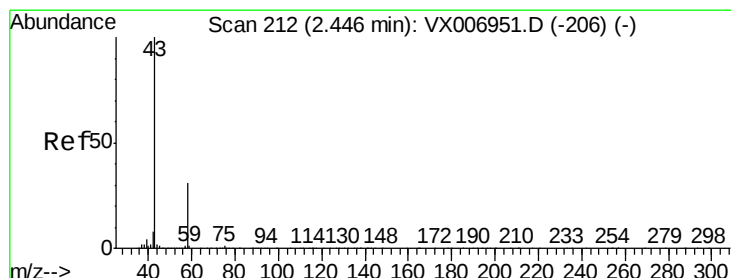
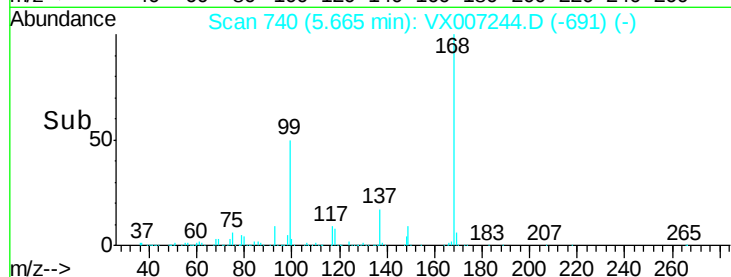
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 21.520 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007244.D

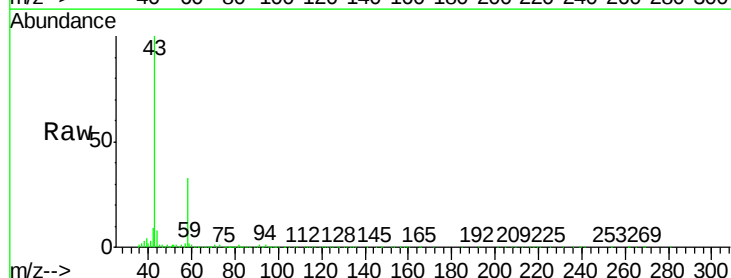
Acq: 25 Jan 2019 22:01

Tgt Ion: 43 Resp: 58396

Ion Ratio Lower Upper

43 100

58 32.7 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

40000

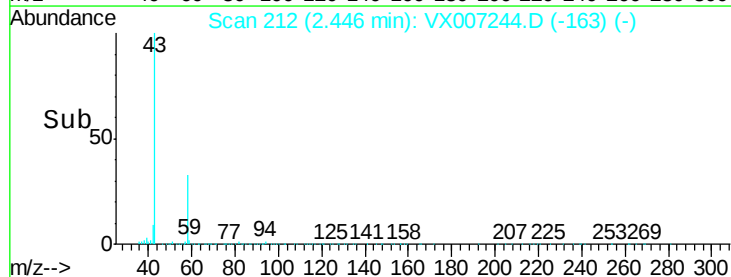
30000

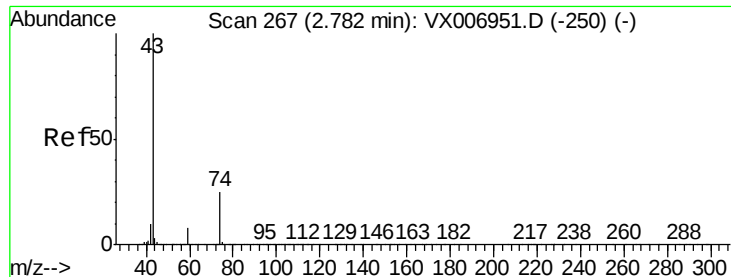
20000

10000

0

Time--> 2.35 2.40 2.45 2.50 2.55

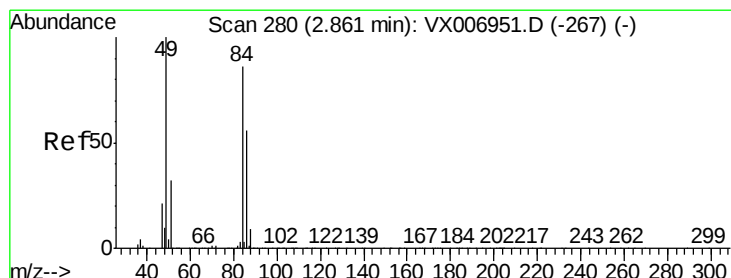
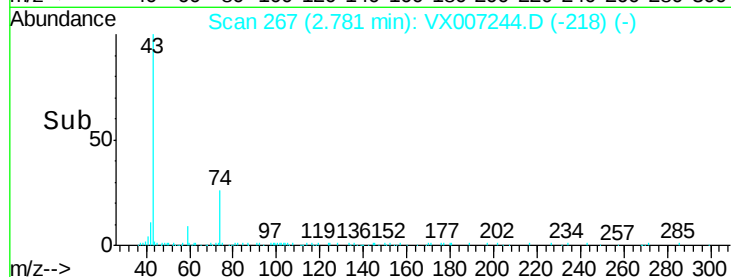
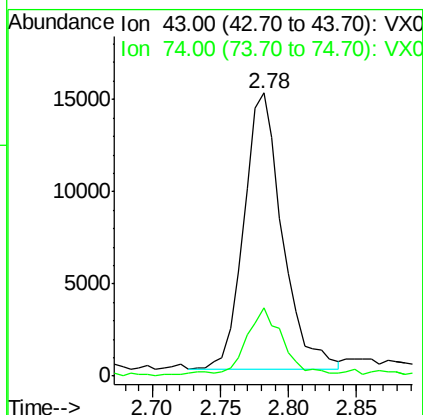
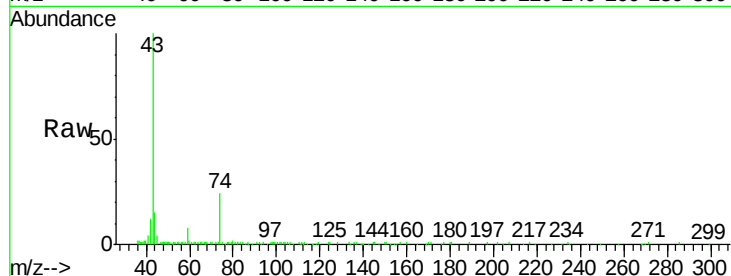




#18
Methyl Acetate
Concen: 3.782 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007244.D
Acq: 25 Jan 2019 22:01

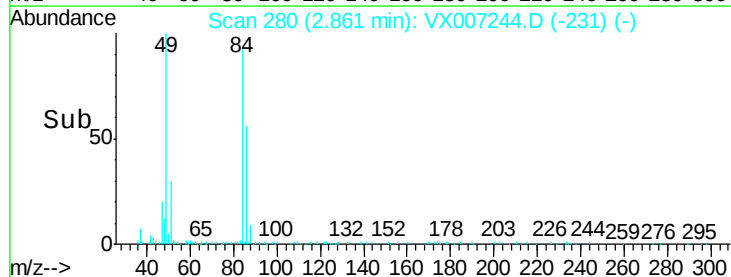
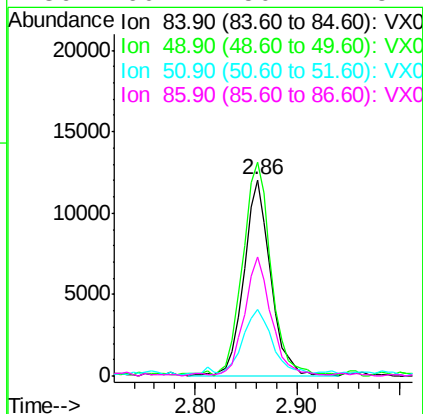
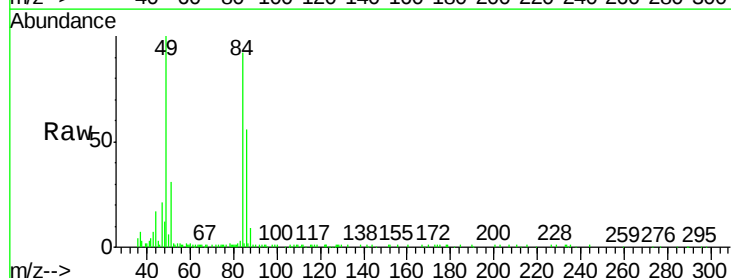
Instrument :
MSVOA_X
ClientSampleId :
PB116609ZHE#10

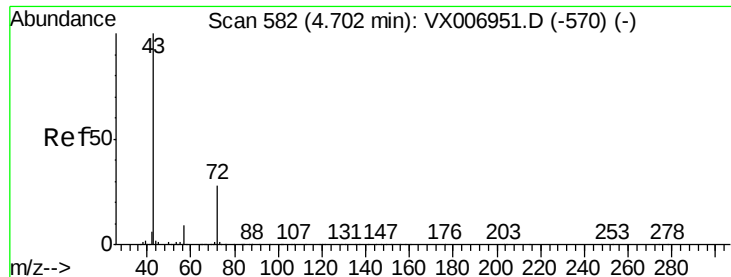
Tot Ion: 43 Resp: 29718
Ion Ratio Lower Upper
43 100
74 22.1 18.6 28.0



#20
Methylene Chloride
Concen: 3.737 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007244.D
Acq: 25 Jan 2019 22:01

Tgt Ion: 84 Resp: 21991
Ion Ratio Lower Upper
84 100
49 107.8 91.8 137.6
51 32.7 28.5 42.7
86 60.4 50.2 75.2





#25

2-Butanone

Concen: 3.628 ug/l

RT: 4.69 min Scan# 580

Delta R.T. -0.01 min

Lab File: VX007244.D

Acq: 25 Jan 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

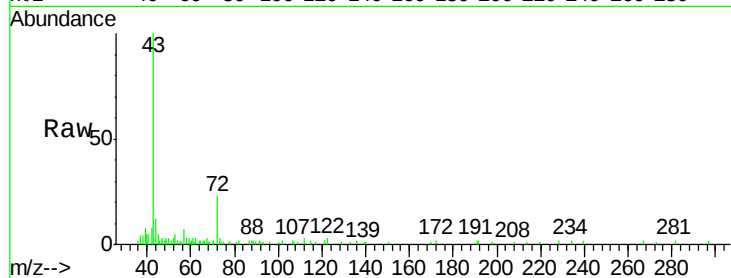
PB116609ZHE#10

Tot Ion: 43 Resp: 14088

Ion Ratio Lower Upper

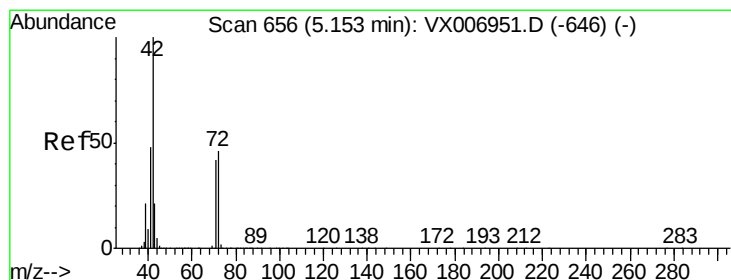
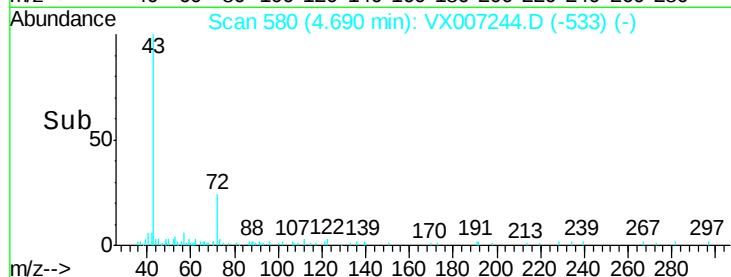
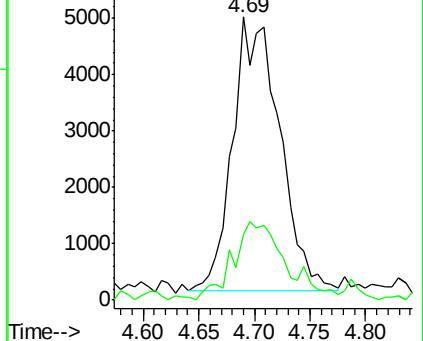
43 100

72 22.6 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#29

Tetrahydrofuran

Concen: 6.308 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007244.D

Acq: 25 Jan 2019 22:01

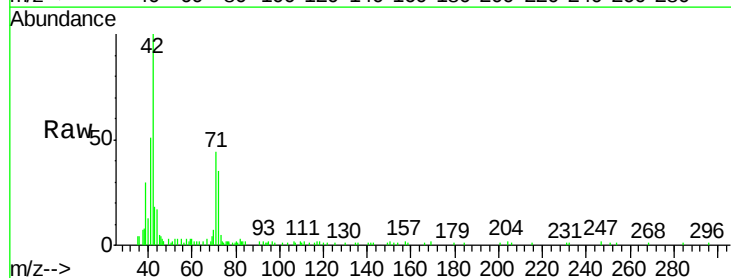
Tgt Ion: 42 Resp: 15918

Ion Ratio Lower Upper

42 100

72 47.7 38.9 58.3

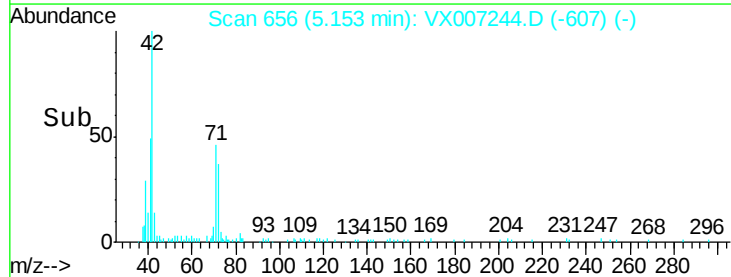
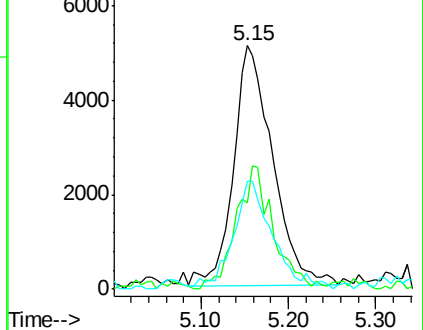
71 39.9 36.2 54.4

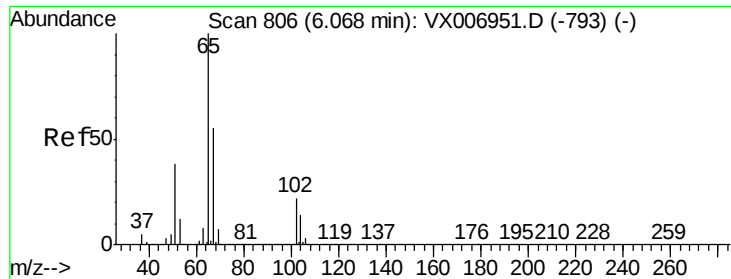


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.074 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007244.D

Acq: 25 Jan 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

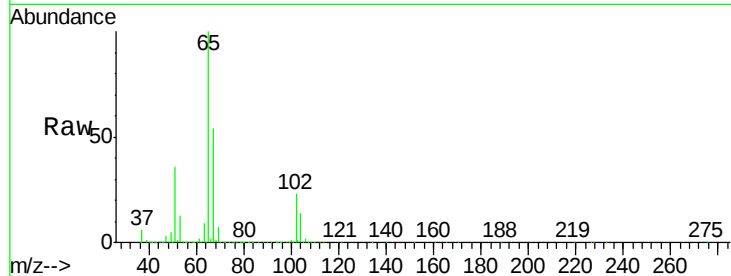
PB116609ZHE#10

Tot Ion: 65 Resp: 285831

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

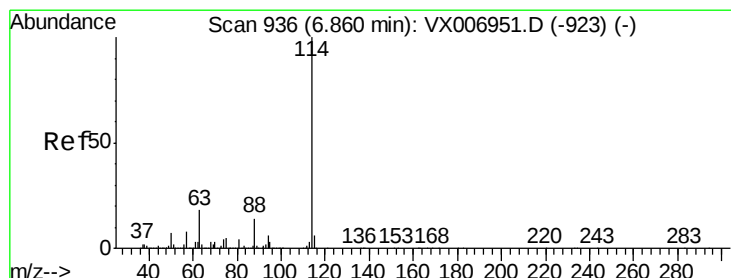
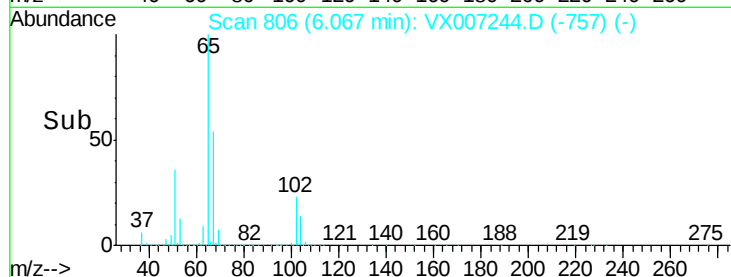
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007244.D

Acq: 25 Jan 2019 22:01

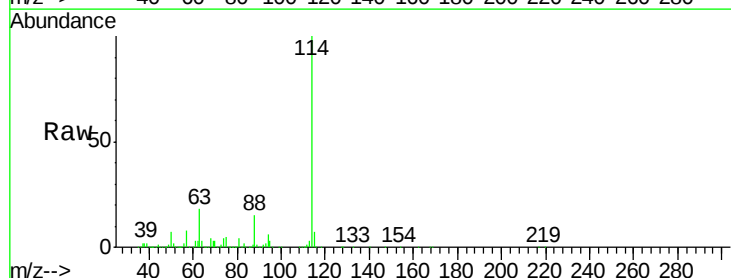
Tgt Ion: 114 Resp: 818325

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.8

88 15.0 0.0 28.8



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

6.86

400000

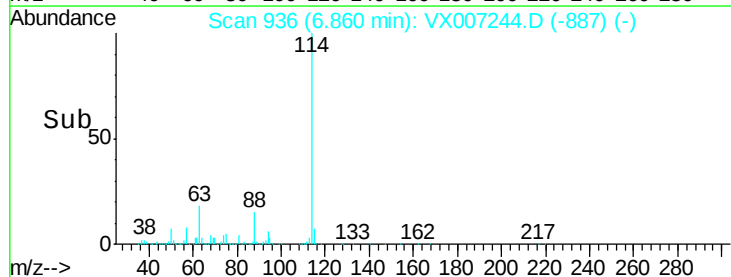
300000

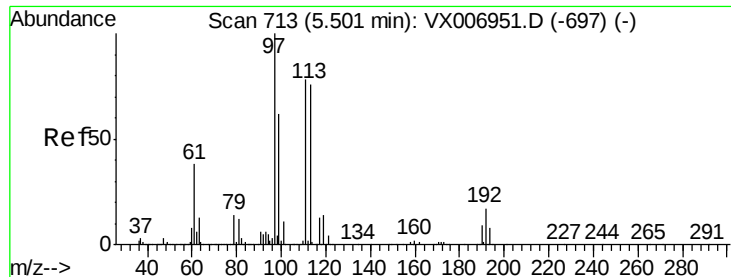
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 48.804 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007244.D

Acq: 25 Jan 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

PB116609ZHE#10

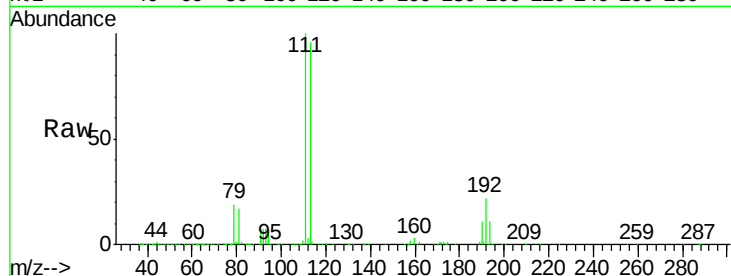
Tot Ion:113 Resp: 255755

Ion Ratio Lower Upper

113 100

111 103.1 81.6 122.4

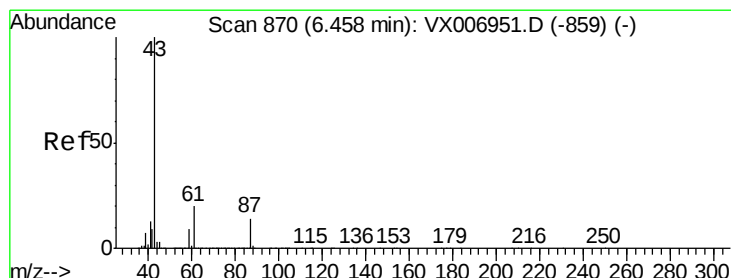
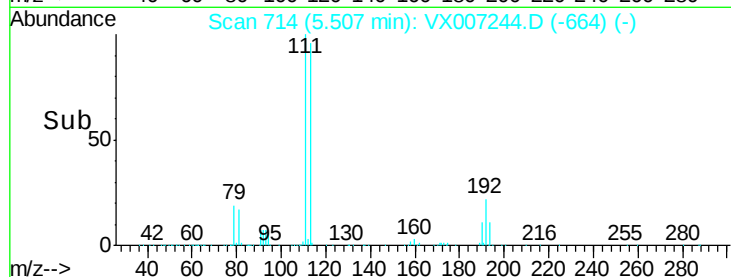
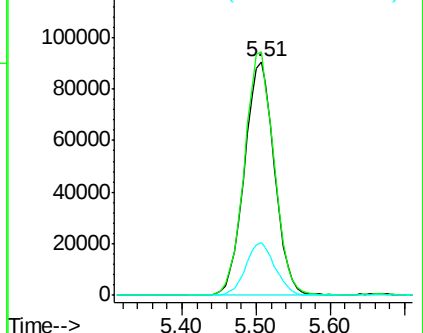
192 22.1 16.7 25.1



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



#43

Isopropyl Acetate

Concen: 2.398 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007244.D

Acq: 25 Jan 2019 22:01

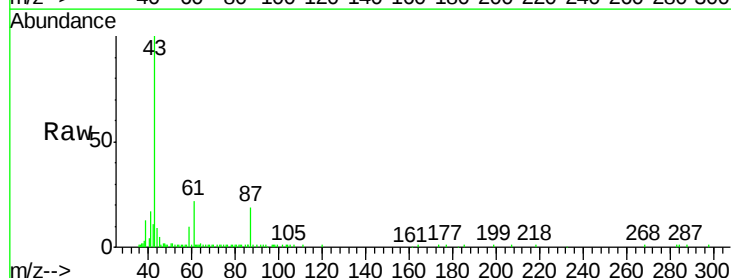
Tgt Ion: 43 Resp: 28849

Ion Ratio Lower Upper

43 100

61 21.0 16.8 25.2

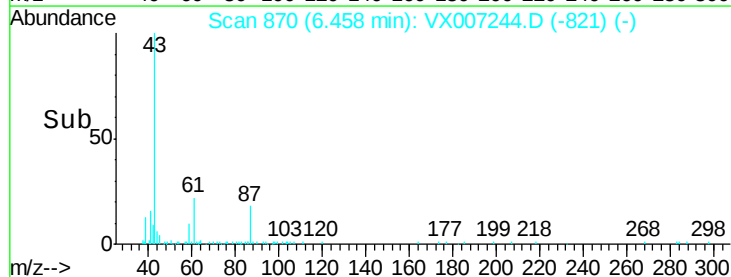
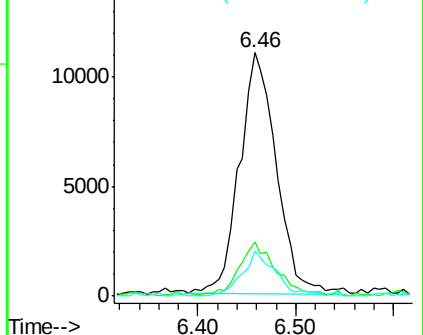
87 17.2 12.4 18.6

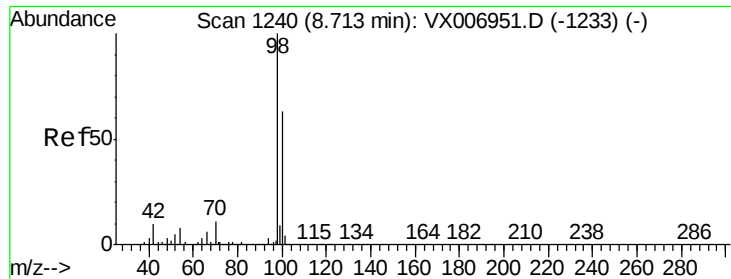


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 52.077 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007244.D

Acq: 25 Jan 2019 22:01

Instrument :

MSVOA_X

ClientSampleId :

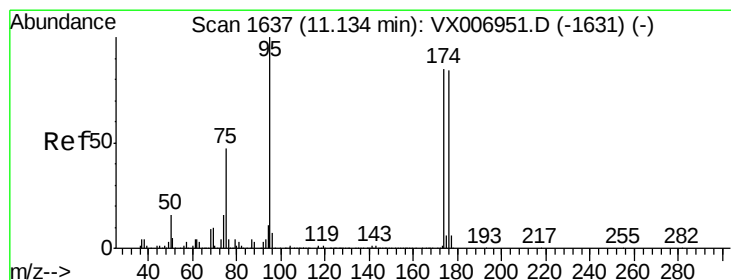
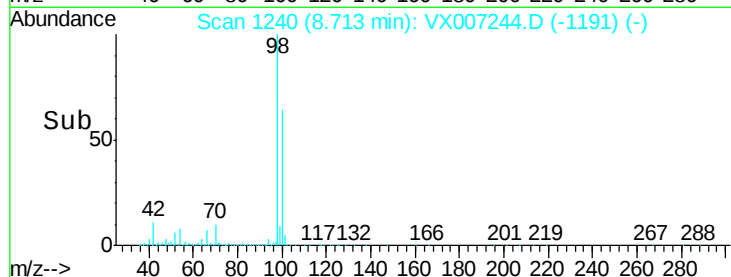
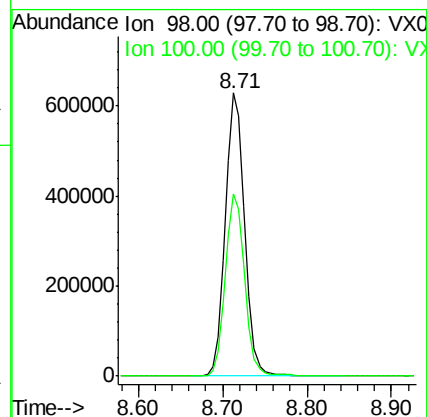
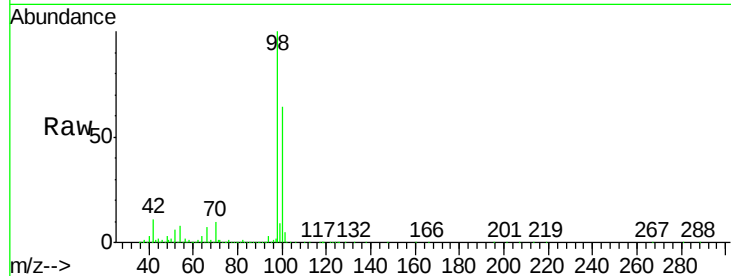
PB116609ZHE#10

Tot Ion: 98 Resp: 998925

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 52.283 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007244.D

Acq: 25 Jan 2019 22:01

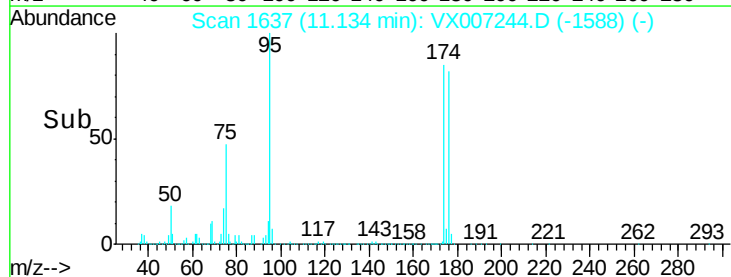
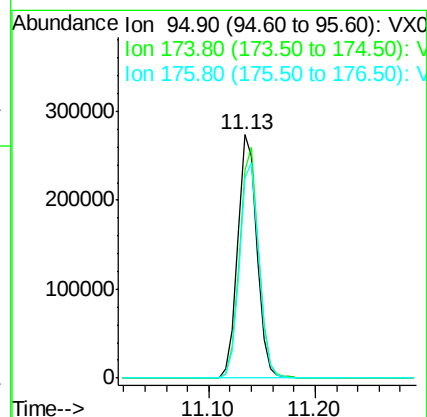
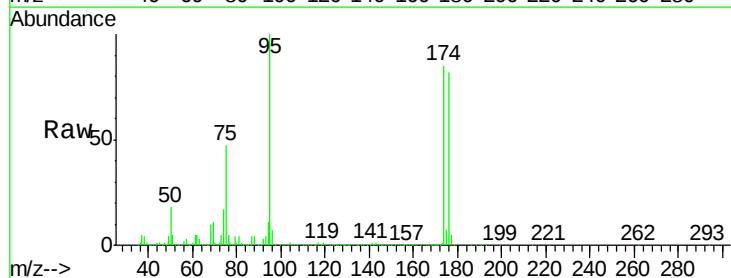
Tgt Ion: 95 Resp: 349628

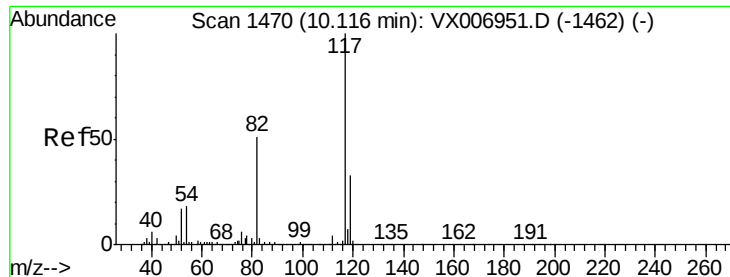
Ion Ratio Lower Upper

95 100

174 94.0 0.0 182.2

176 89.0 0.0 178.8

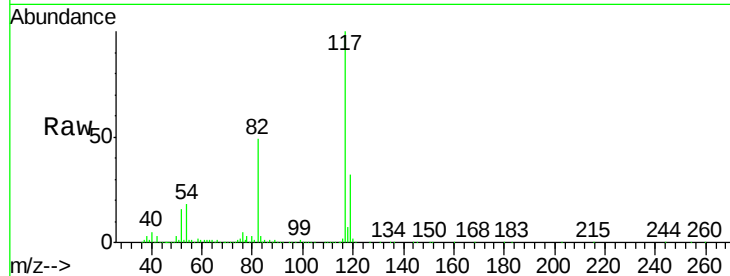




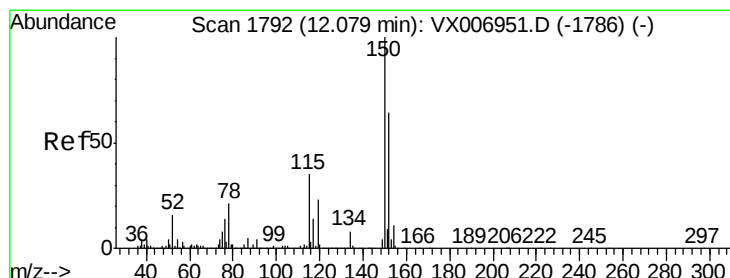
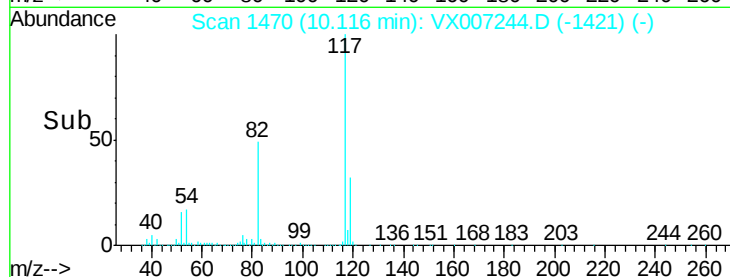
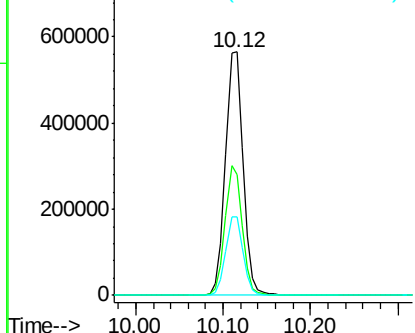
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007244.D
Acq: 25 Jan 2019 22:01

Instrument :
MSVOA_X
ClientSampleId :
PB116609ZHE#10

Tot Ion:117 Resp: 790240
Ion Ratio Lower Upper
117 100
82 49.3 41.0 61.6
119 32.4 25.4 38.0

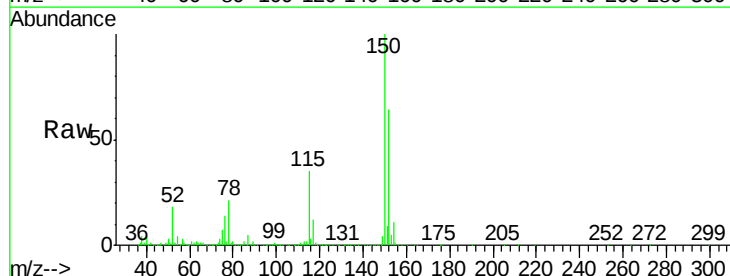


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007244.D
Acq: 25 Jan 2019 22:01

Tgt Ion:152 Resp: 375802
Ion Ratio Lower Upper
152 100
115 54.8 39.1 117.2
150 156.2 0.0 344.8



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

