

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX060218\
 Data File : VX002248.D
 Acq On : 02 Jun 2018 19:11
 Operator : JC/MD
 Sample : J3234-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF6-0054

Quant Time: Jun 04 07:39:34 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	232907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	340651	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	309054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	165980	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	220713	53.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.04%	
35) Dibromofluoromethane	5.51	113	161185	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
50) Toluene-d8	8.72	98	646901	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.90%	
62) 4-Bromofluorobenzene	11.14	95	220058	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.22%	

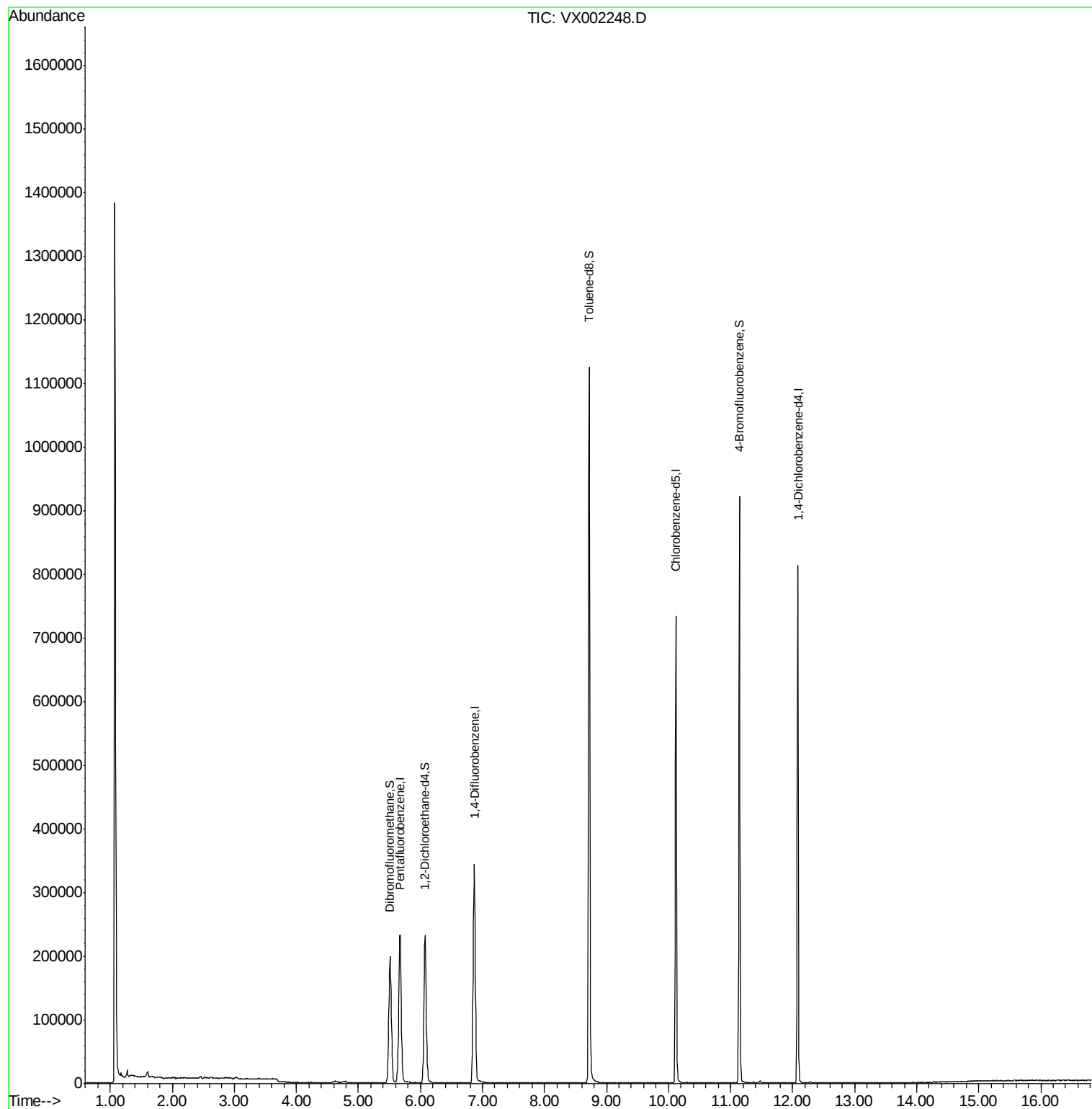
Target Compounds	Qvalue
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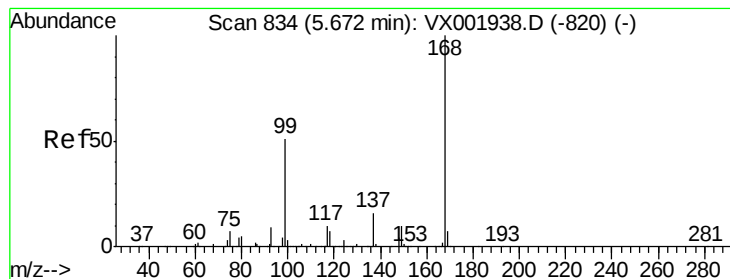
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002248.D

Acq: 02 Jun 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

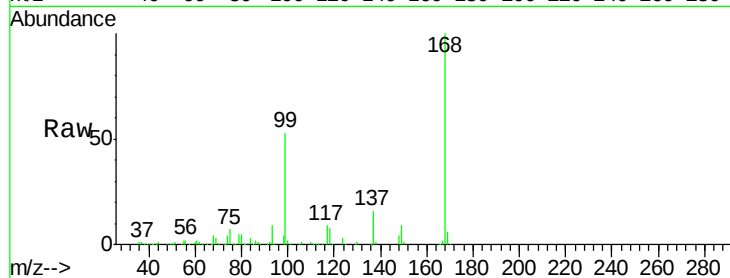
LF6-0054

Tot Ion:168 Resp: 232907

Ion Ratio Lower Upper

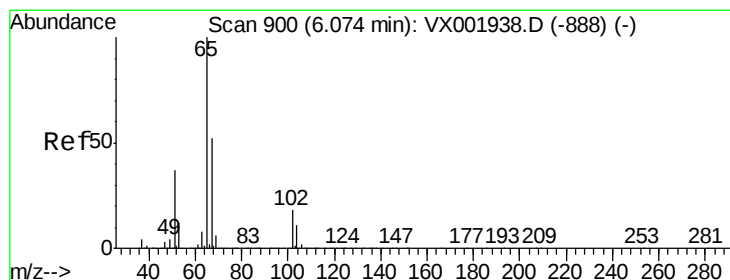
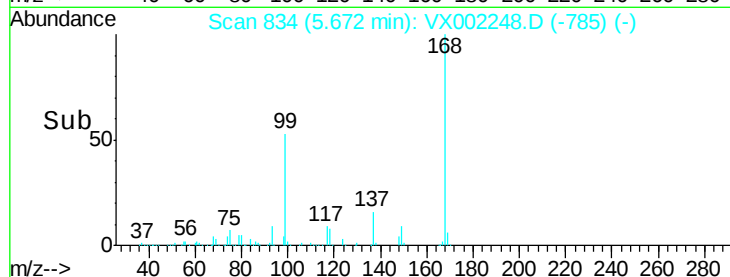
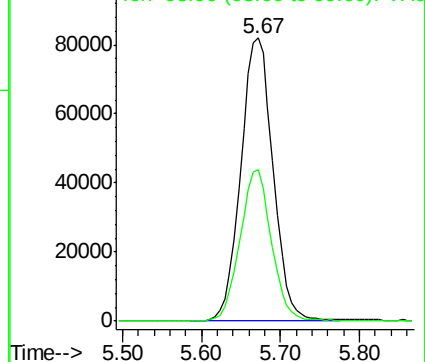
168 100

99 53.4 41.0 61.4



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: 53.015 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002248.D

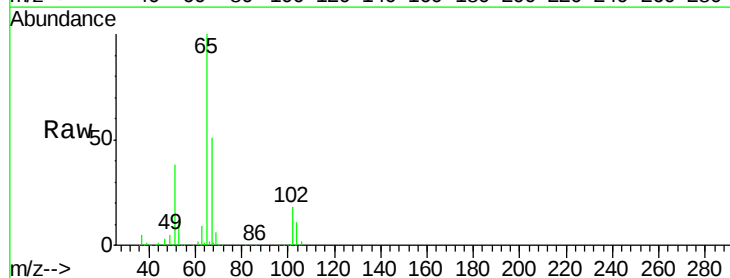
Acq: 02 Jun 2018 19:11

Tgt Ion: 65 Resp: 220713

Ion Ratio Lower Upper

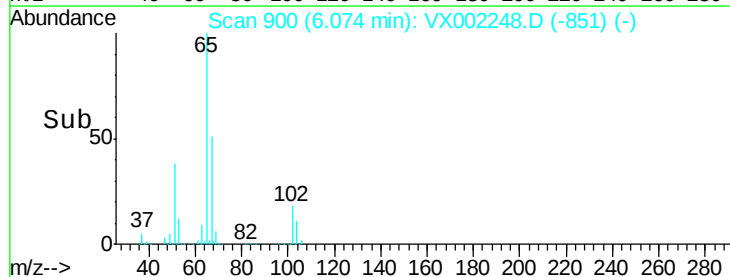
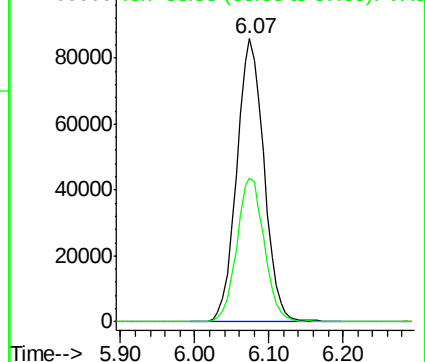
65 100

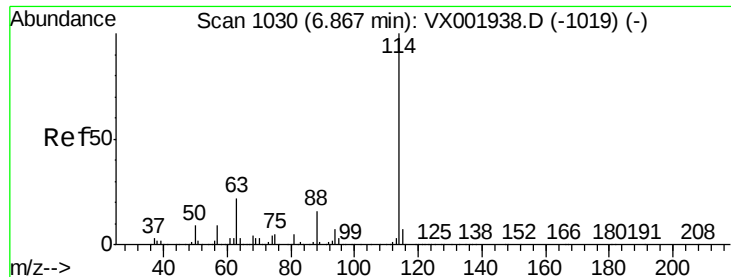
67 51.1 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002248.D

Acq: 02 Jun 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

LF6-0054

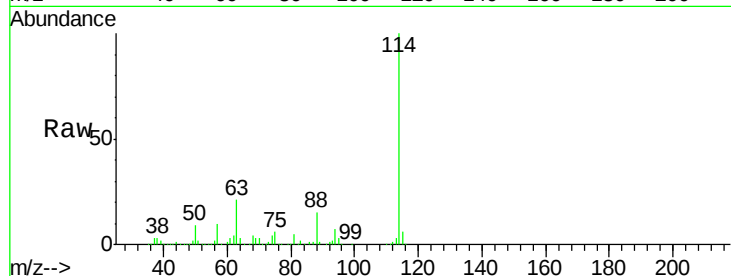
Tot Ion:114 Resp: 340651

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.2

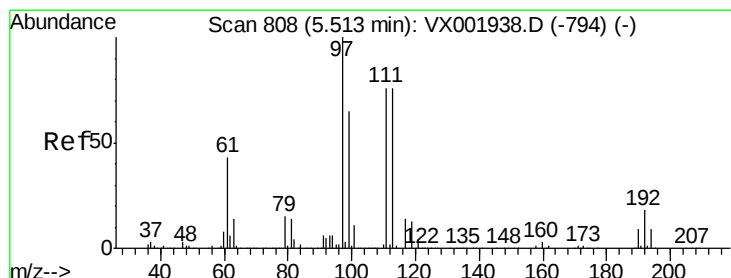
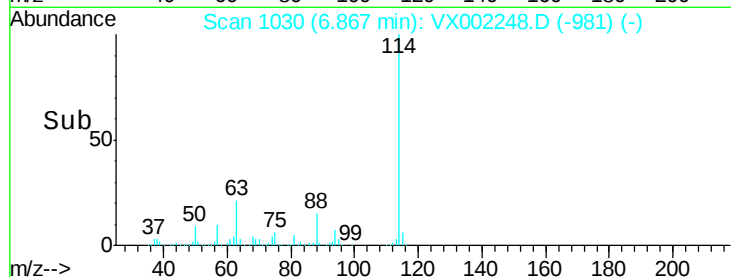
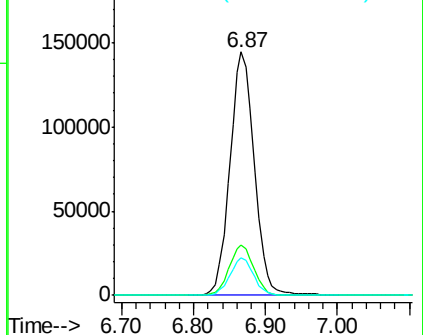
88 15.3 0.0 31.6



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: 47.317 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX002248.D

Acq: 02 Jun 2018 19:11

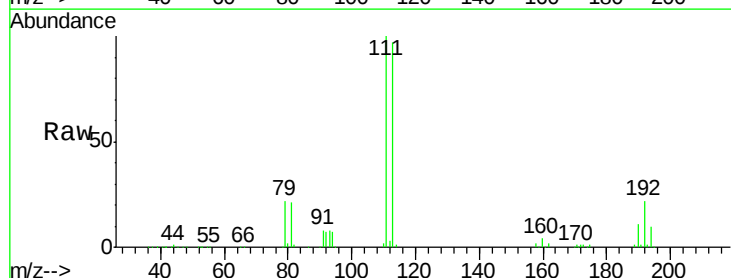
Tgt Ion:113 Resp: 161185

Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

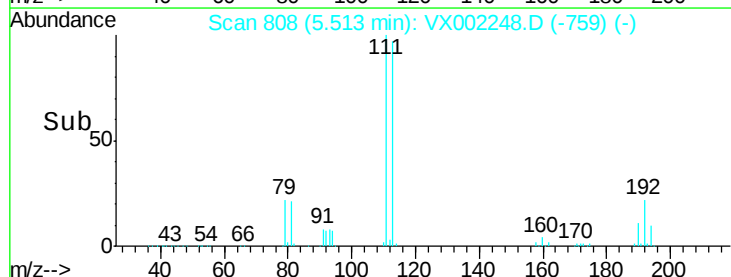
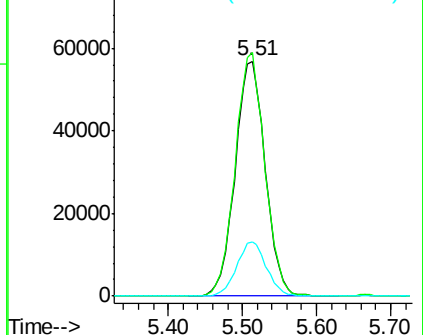
192 22.7 18.9 28.3

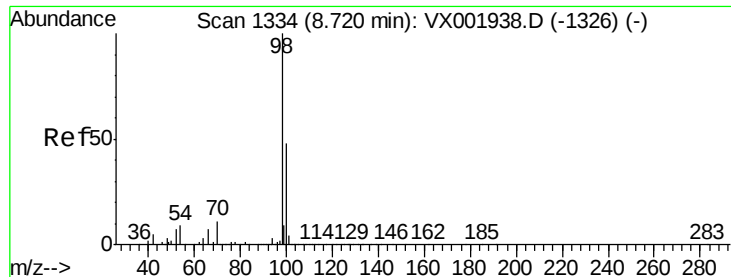


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.454 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002248.D

Acq: 02 Jun 2018 19:11

Instrument :

MSVOA_X

ClientSampleId :

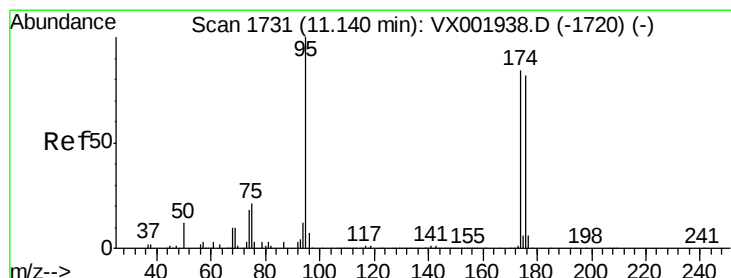
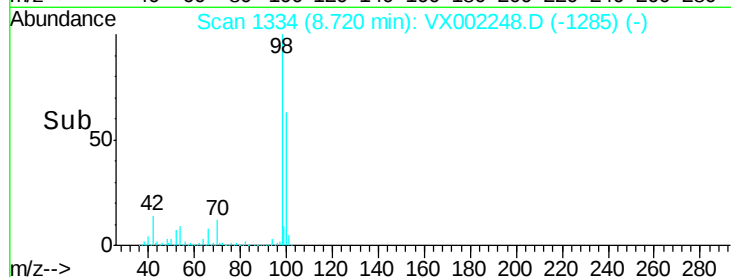
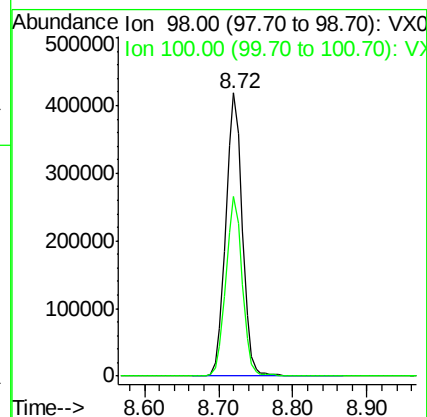
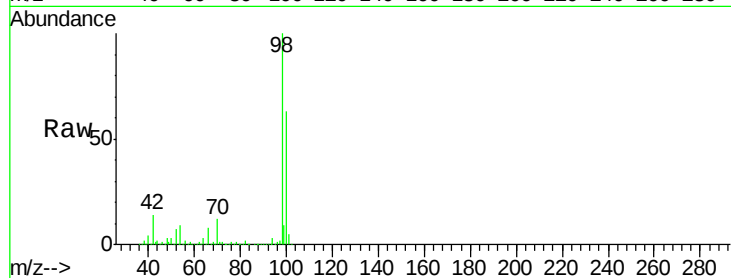
LF6-0054

Tot Ion: 98 Resp: 646901

Ion Ratio Lower Upper

98 100

100 63.0 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 45.605 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002248.D

Acq: 02 Jun 2018 19:11

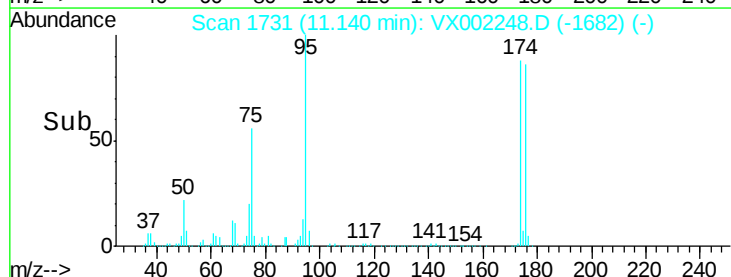
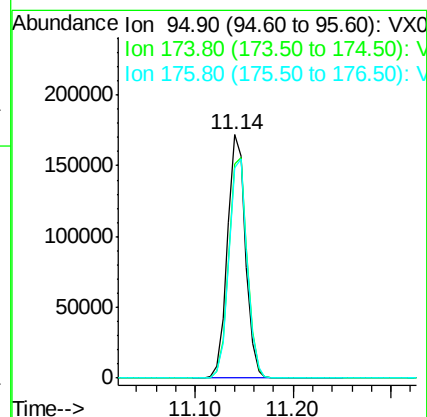
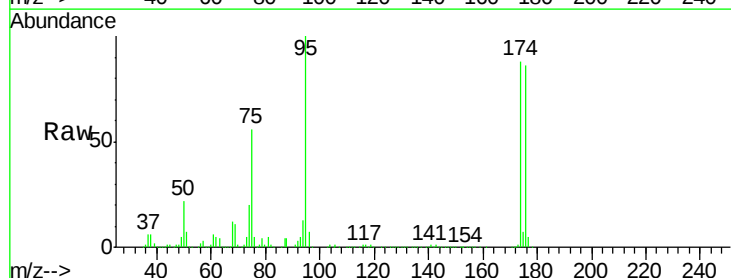
Tgt Ion: 95 Resp: 220058

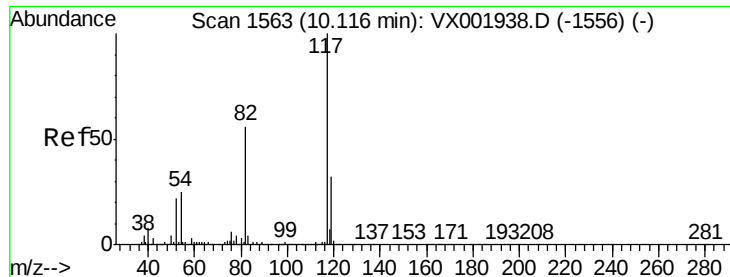
Ion Ratio Lower Upper

95 100

174 92.4 0.0 178.8

176 91.0 0.0 175.6

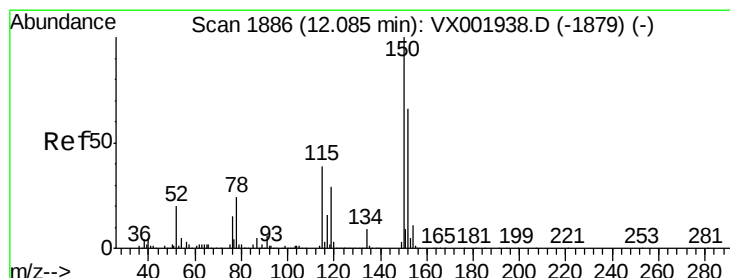
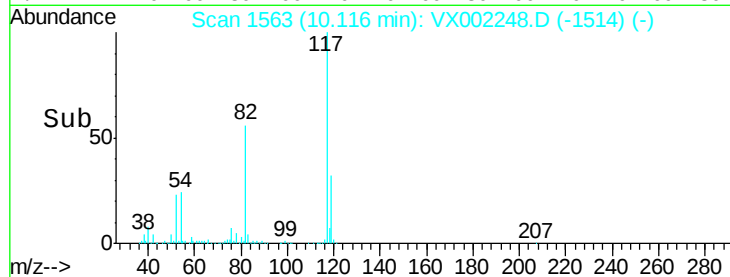
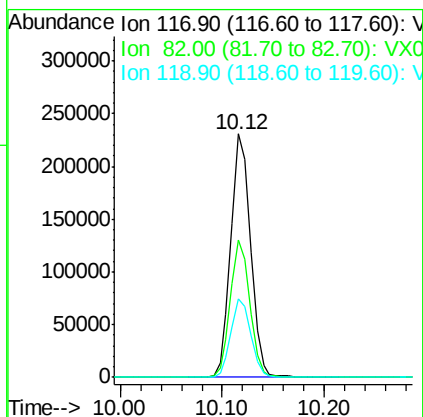
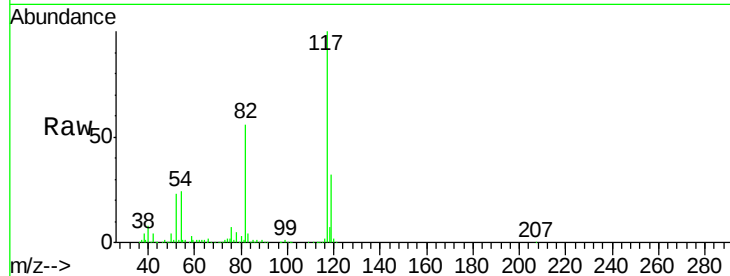




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002248.D
Acq: 02 Jun 2018 19:11

Instrument :
MSVOA_X
ClientSampleId :
LF6-0054

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.8	67.2
119	32.5	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002248.D
Acq: 02 Jun 2018 19:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	42.3	126.8
150	157.1	0.0	351.0

