

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040318\
 Data File : VX000655.D
 Acq On : 03 Apr 2018 16:36
 Operator : JC/MD
 Sample : J2103-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LS

Quant Time: Apr 03 18:05:09 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	122561	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.87	114	199080	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	204564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	113605	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	77219	48.27	ug/l	0.00
Spiked Amount	50.000			Recovery	=	96.54%	
35) Dibromofluoromethane		5.51	113	60839	48.50	ug/l	0.00
Spiked Amount	50.000			Recovery	=	97.00%	
50) Toluene-d8		8.72	98	257602	49.59	ug/l	0.00
Spiked Amount	50.000			Recovery	=	99.18%	
62) 4-Bromofluorobenzene		11.14	95	90678	42.38	ug/l	0.00
Spiked Amount	50.000			Recovery	=	84.76%	

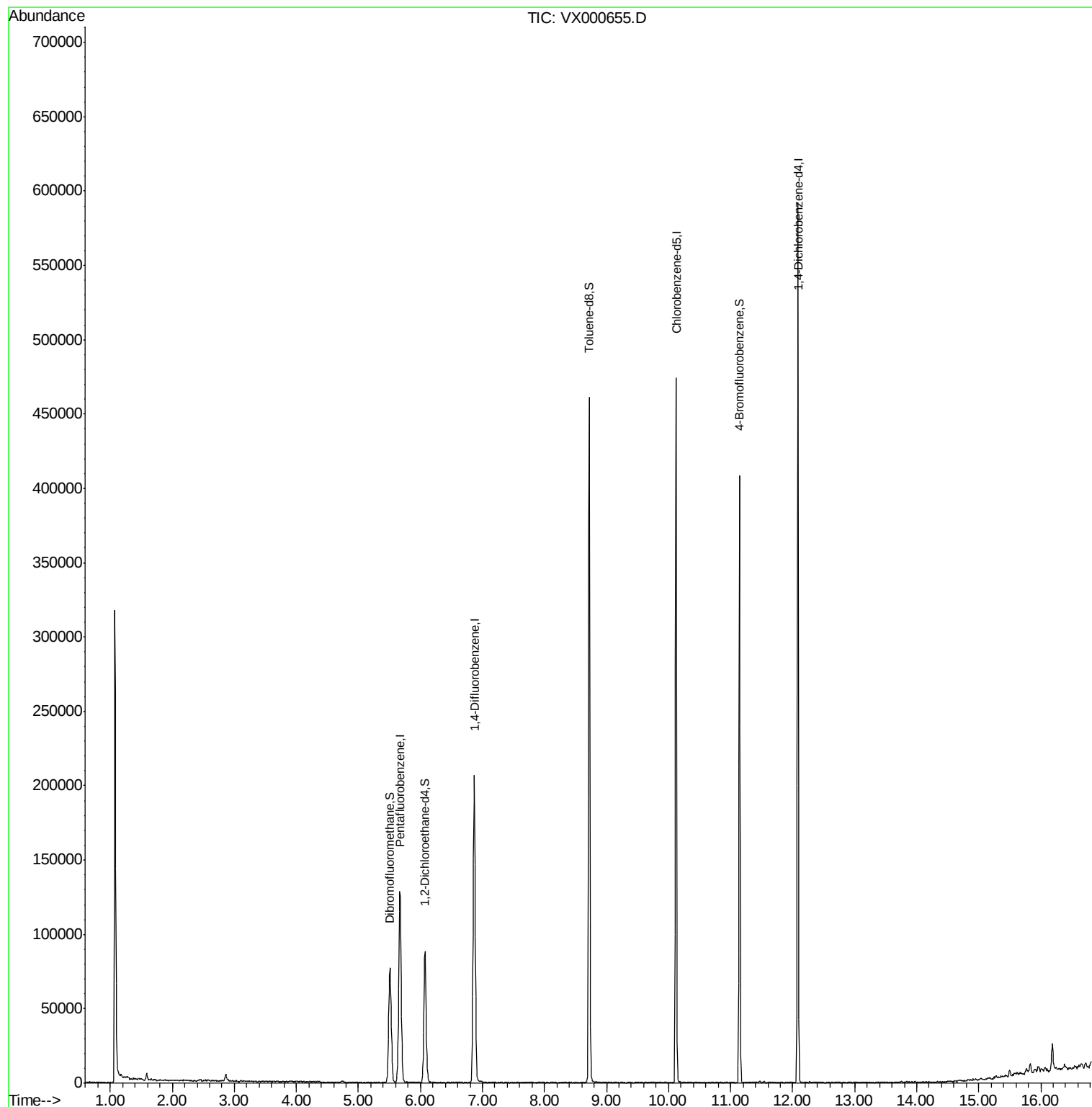
Target Compounds	Qvalue
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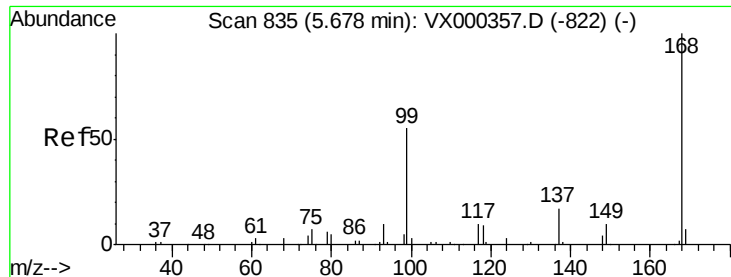
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX000655.D

Acq: 03 Apr 2018 16:36

Instrument :

MSVOA_X

ClientSampleId :

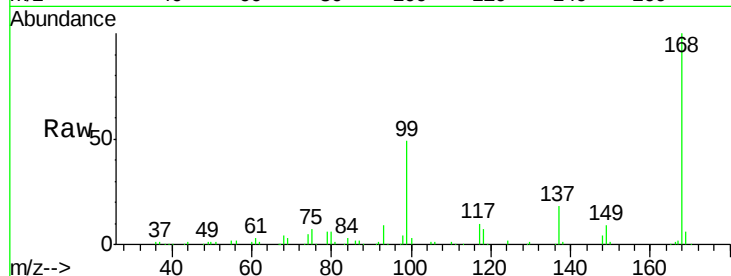
LS

Tgt Ion: 168 Resp: 122561

Ion Ratio Lower Upper

168 100

99 48.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

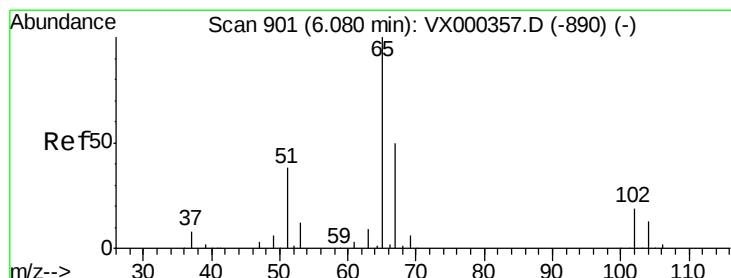
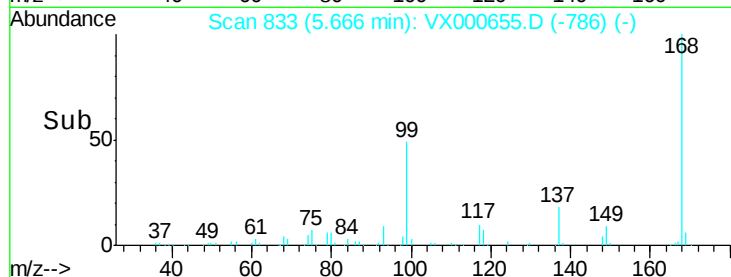
20000

10000

0

5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.266 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000655.D

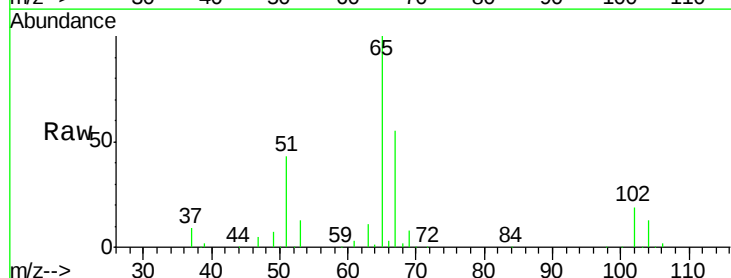
Acq: 03 Apr 2018 16:36

Tgt Ion: 65 Resp: 77219

Ion Ratio Lower Upper

65 100

67 52.4 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

30000

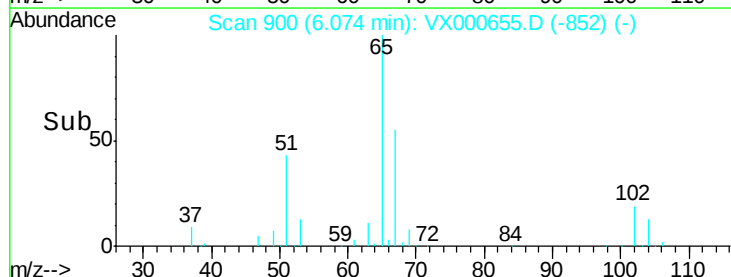
20000

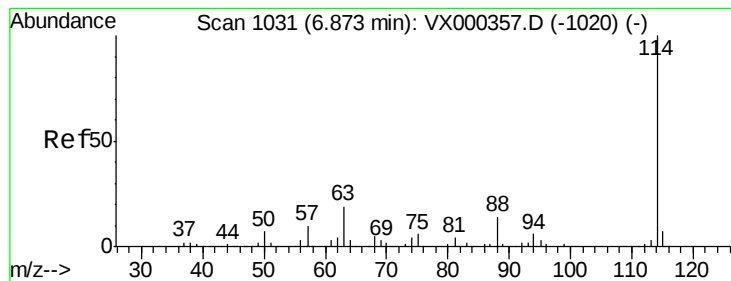
10000

0

6.00 6.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VX000655.D

Acq: 03 Apr 2018 16:36

Instrument :

MSVOA_X

ClientSampled :

LS

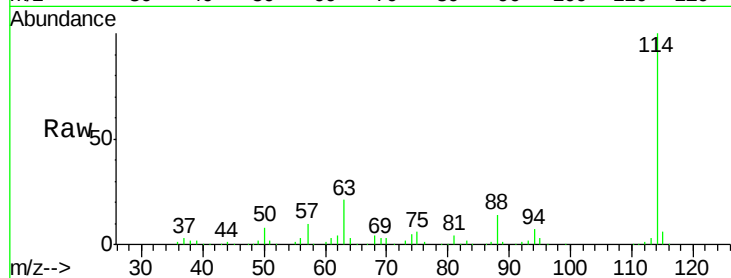
Tgt Ion:114 Resp: 199080

Ion Ratio Lower Upper

114 100

63 20.7 0.0 38.4

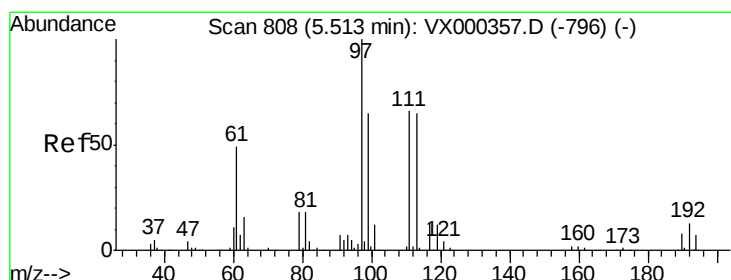
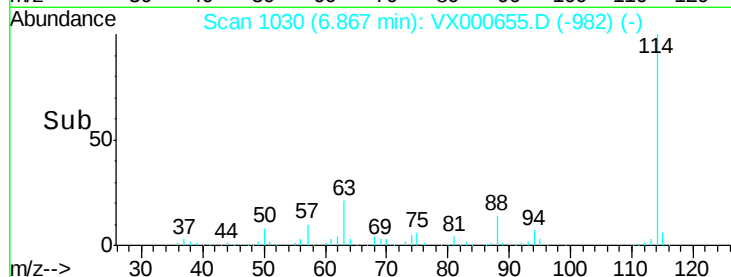
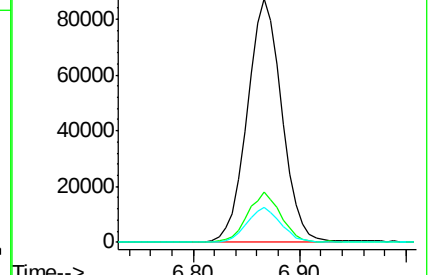
88 14.2 0.0 27.0



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: 48.501 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000655.D

Acq: 03 Apr 2018 16:36

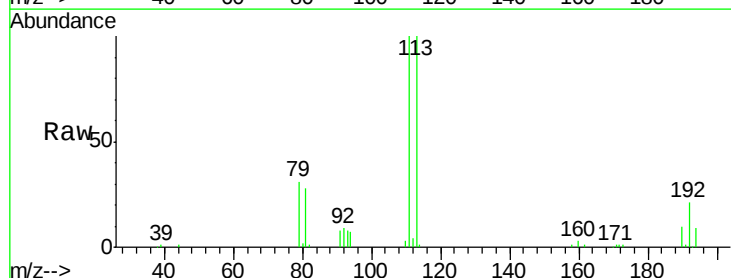
Tgt Ion:113 Resp: 60839

Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

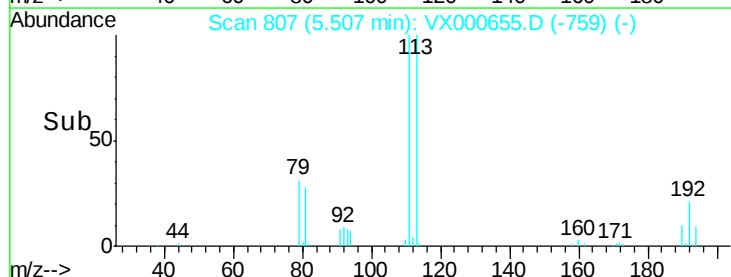
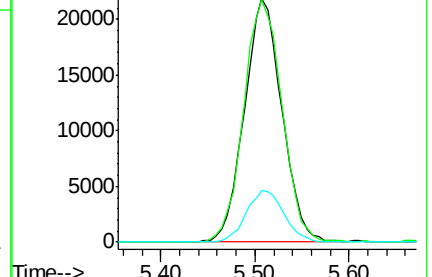
192 21.4 15.8 23.6

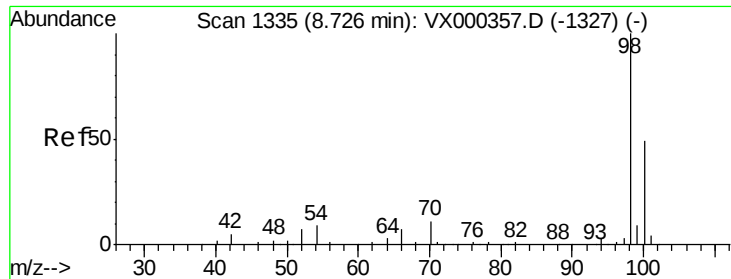


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.585 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX000655.D

Acq: 03 Apr 2018 16:36

Instrument :

MSVOA_X

ClientSampleId :

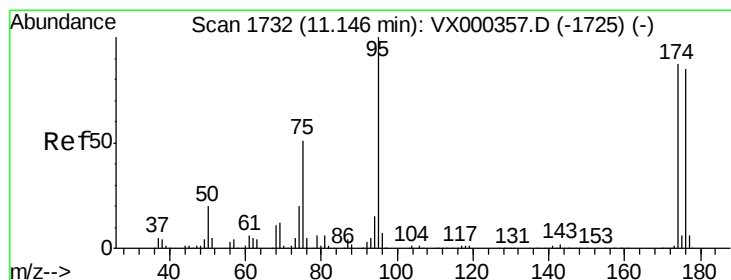
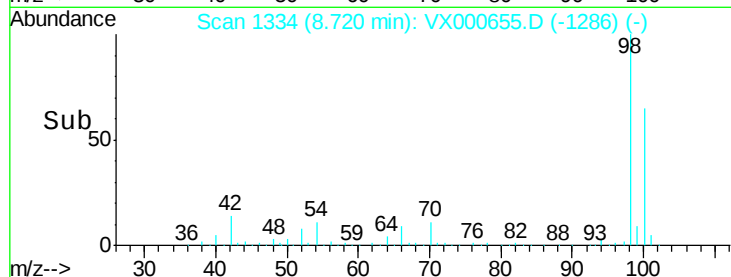
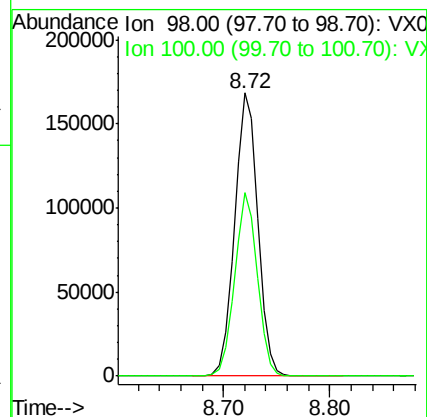
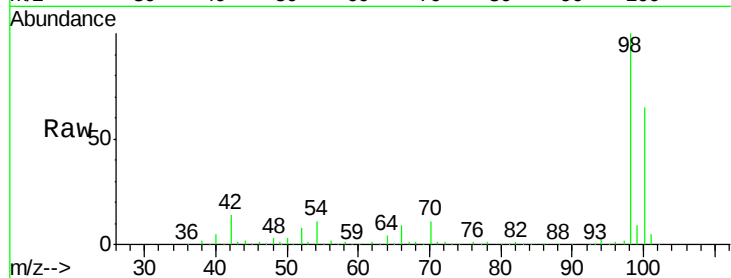
LS

Tgt Ion: 98 Resp: 257602

Ion Ratio Lower Upper

98 100

100 63.4 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 42.379 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000655.D

Acq: 03 Apr 2018 16:36

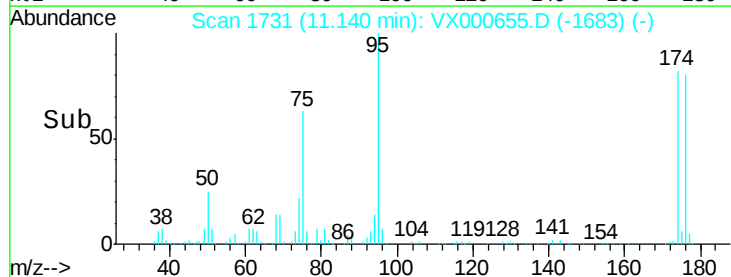
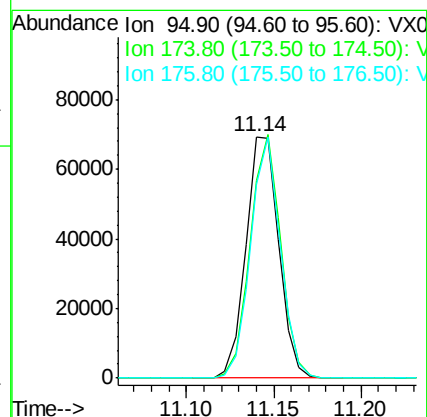
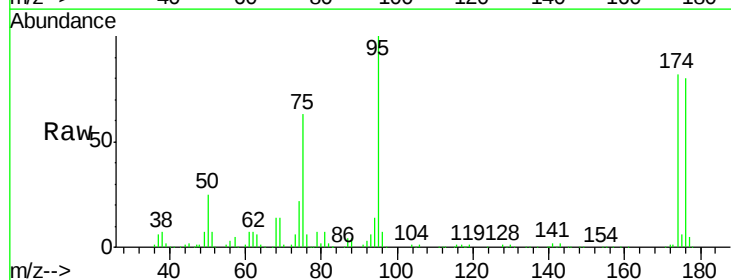
Tgt Ion: 95 Resp: 90678

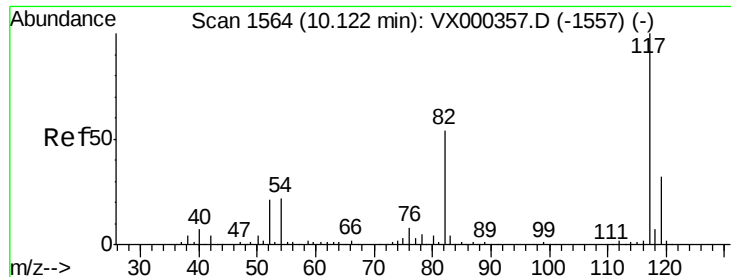
Ion Ratio Lower Upper

95 100

174 93.7 0.0 173.6

176 90.5 0.0 164.6

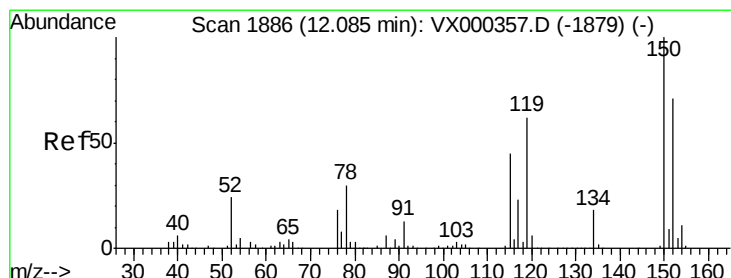
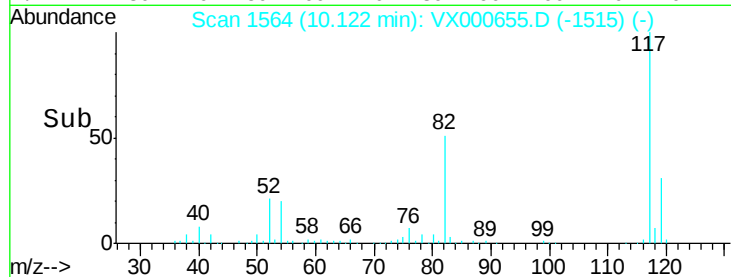
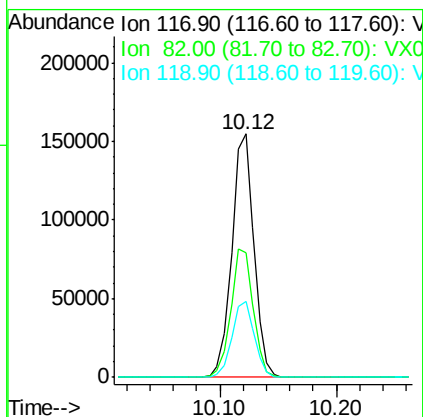
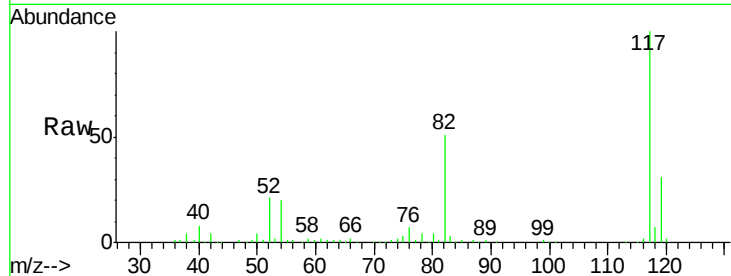




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000655.D
Acq: 03 Apr 2018 16:36

Instrument :
MSVOA_X
ClientSampled :
LS

Tgt Ion:117 Resp: 204564
Ion Ratio Lower Upper
117 100
82 51.3 43.8 65.8
119 31.4 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000655.D
Acq: 03 Apr 2018 16:36

Tgt Ion:152 Resp: 113605
Ion Ratio Lower Upper
152 100
115 54.6 39.8 119.3
150 155.0 0.0 344.4

