

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX060118\
 Data File : VX002222.D
 Acq On : 01 Jun 2018 19:56
 Operator : JC/MD
 Sample : J3151-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z4TB06-180523

Quant Time: Jun 04 12:55:10 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	235438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	343134	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	306748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	163884	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	231599	55.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.06%	
35) Dibromofluoromethane	5.51	113	166765	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
50) Toluene-d8	8.72	98	671184	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	
62) 4-Bromofluorobenzene	11.14	95	227786	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	

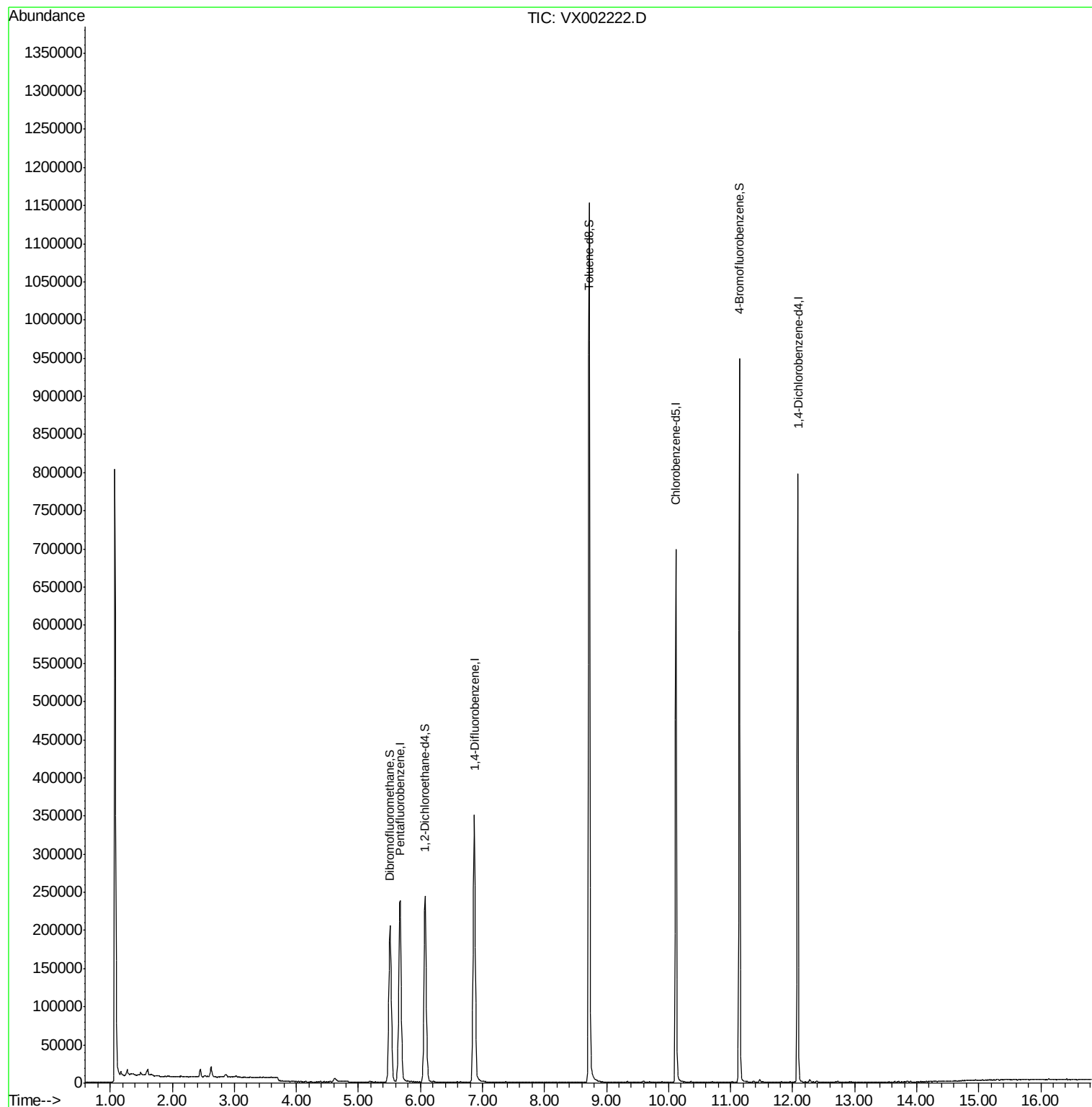
Target Compounds	Qvalue

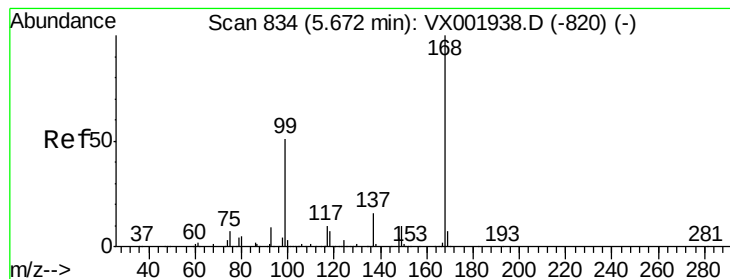
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX002222.D

Acq: 01 Jun 2018 19:56

Instrument :

MSVOA_X

ClientSampleId :

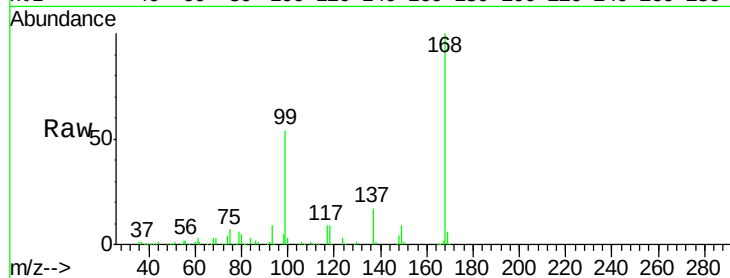
Z4TB06-180523

Tgt Ion:168 Resp: 235438

Ion Ratio Lower Upper

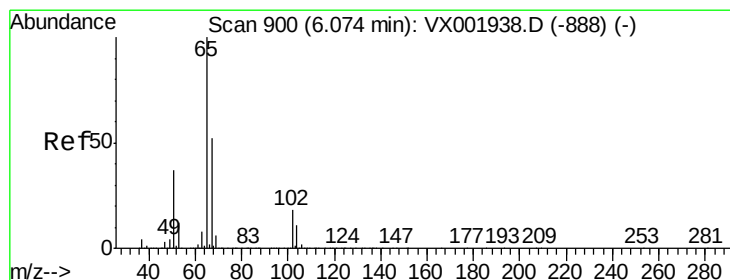
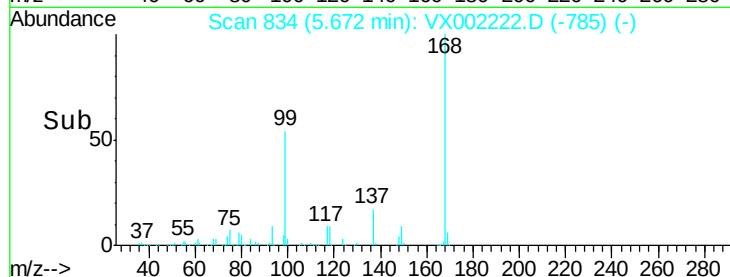
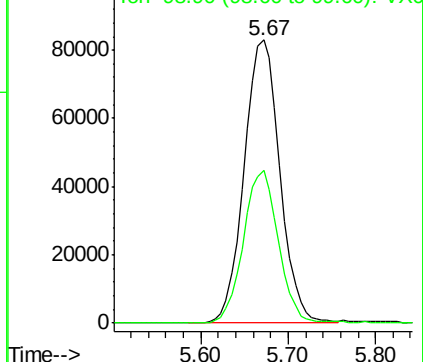
168 100

99 53.9 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: 55.032 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002222.D

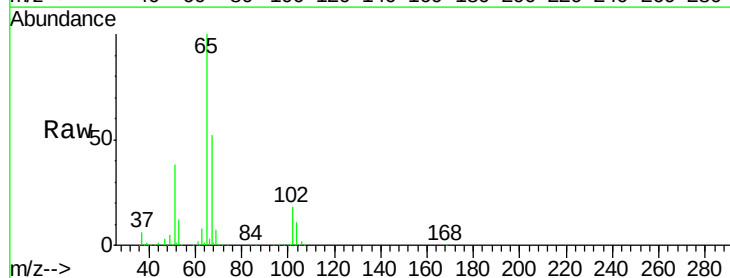
Acq: 01 Jun 2018 19:56

Tgt Ion: 65 Resp: 231599

Ion Ratio Lower Upper

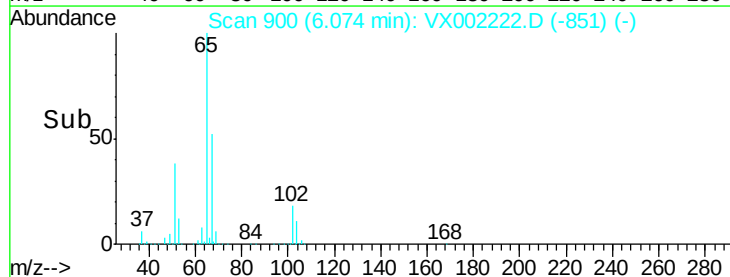
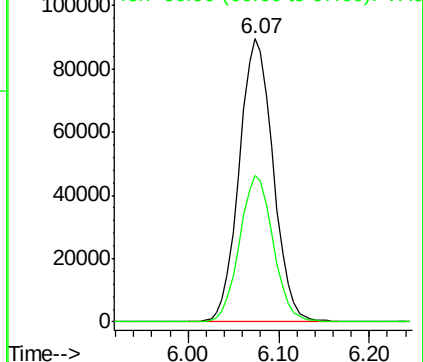
65 100

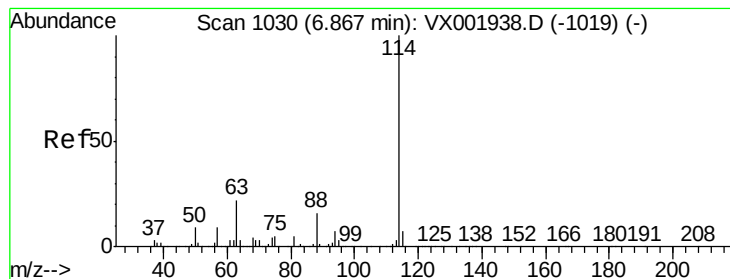
67 51.2 0.0 104.0



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: VX002222.D

Acq: 01 Jun 2018 19:56

Instrument :

MSVOA_X

ClientSampleId :

Z4TB06-180523

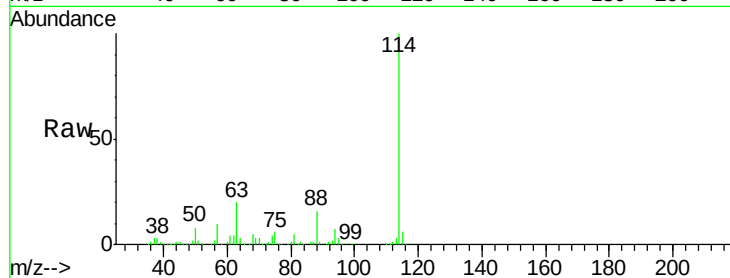
Tgt Ion:114 Resp: 343134

Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.2

88 15.9 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

200000

150000

100000

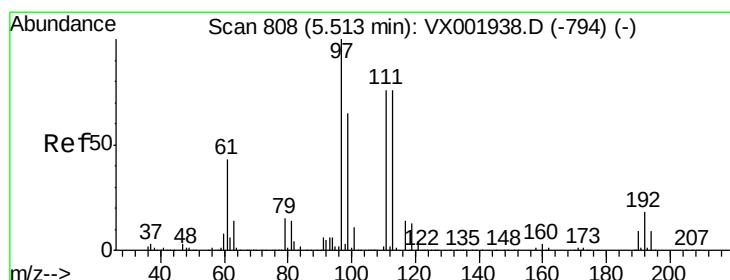
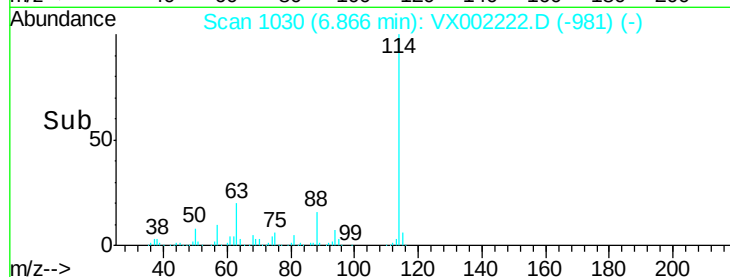
50000

0

6.87

6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 48.600 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002222.D

Acq: 01 Jun 2018 19:56

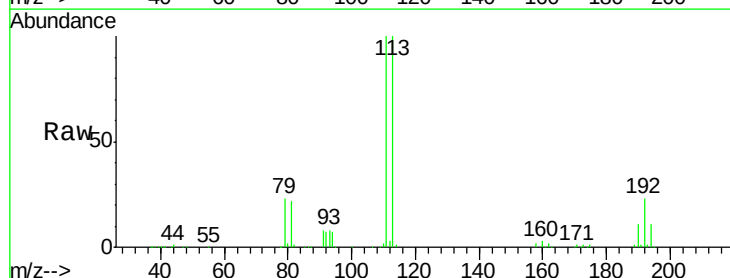
Tgt Ion:113 Resp: 166765

Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

192 23.4 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

80000

60000

40000

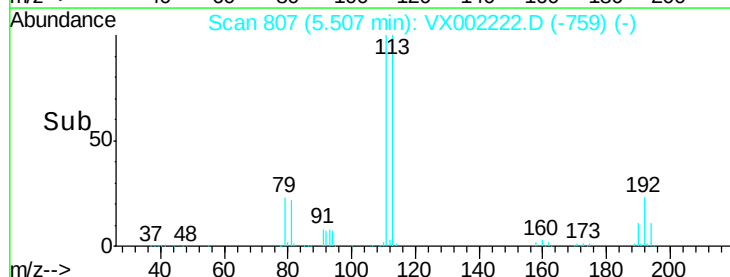
20000

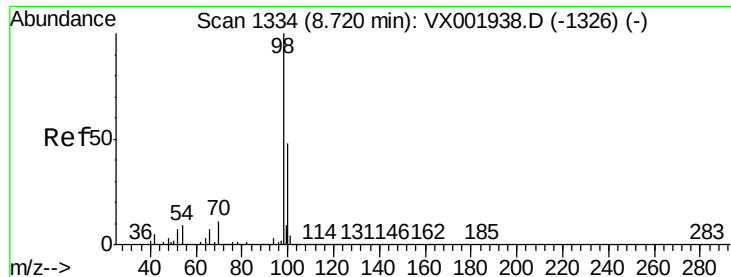
0

5.51

5.40 5.50 5.60

Time-->





#50

Toluene-d8

Concen: 54.029 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002222.D

Acq: 01 Jun 2018 19:56

Instrument :

MSVOA_X

ClientSampleId :

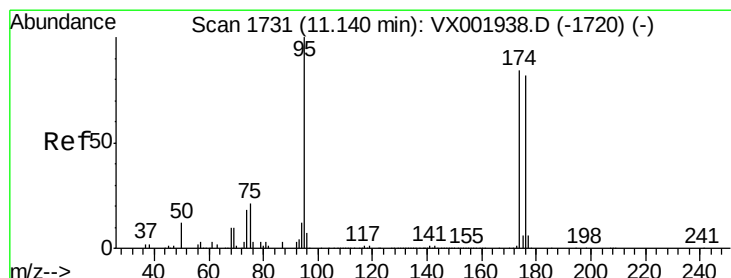
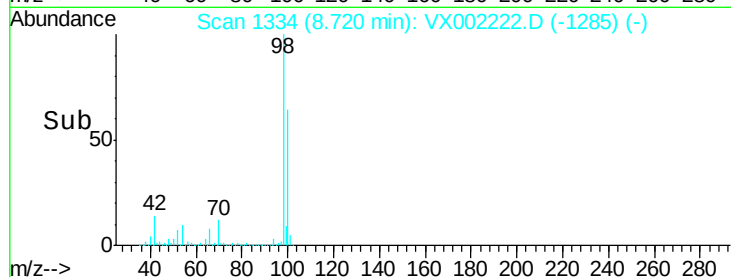
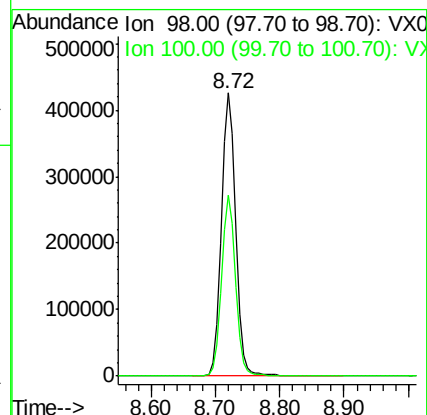
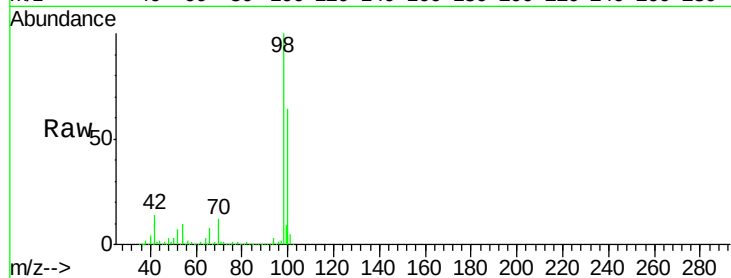
Z4TB06-180523

Tgt Ion: 98 Resp: 671184

Ion Ratio Lower Upper

98 100

100 62.5 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 46.865 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002222.D

Acq: 01 Jun 2018 19:56

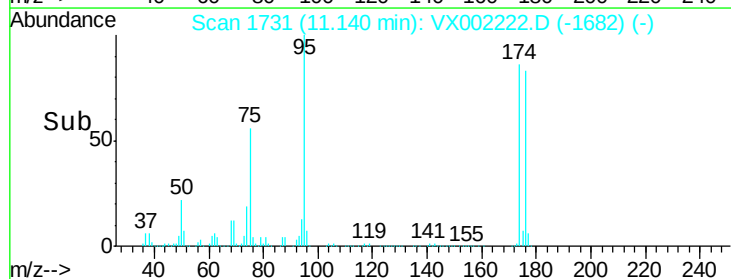
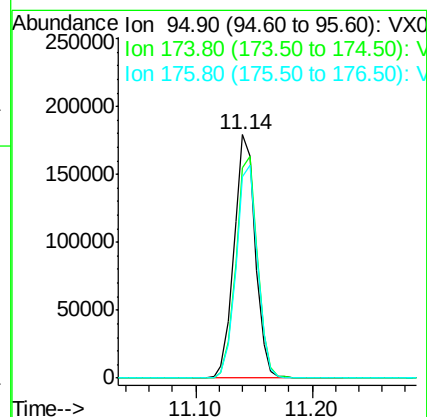
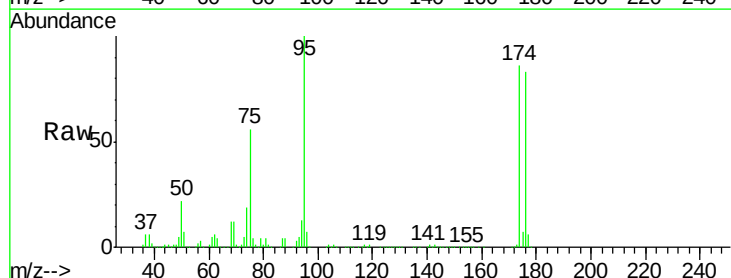
Tgt Ion: 95 Resp: 227786

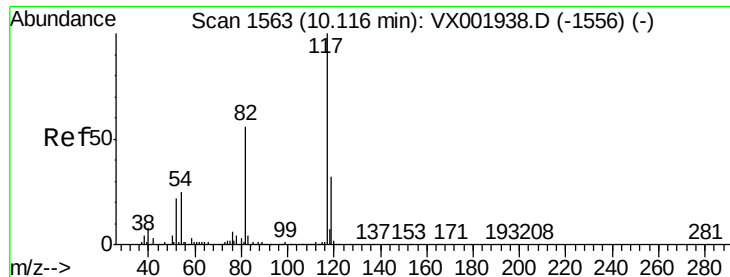
Ion Ratio Lower Upper

95 100

174 92.6 0.0 178.8

176 89.0 0.0 175.6

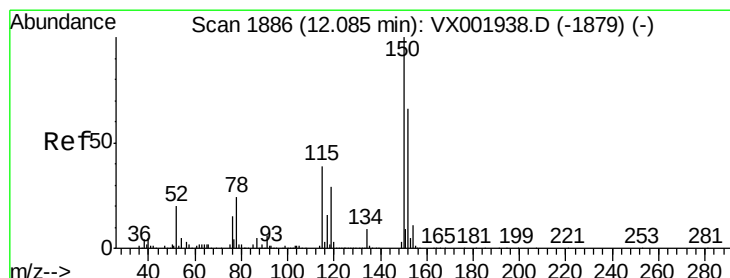
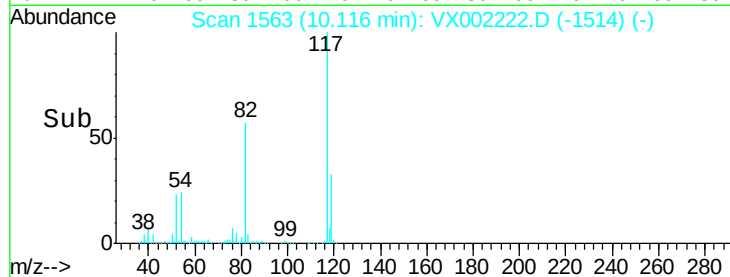
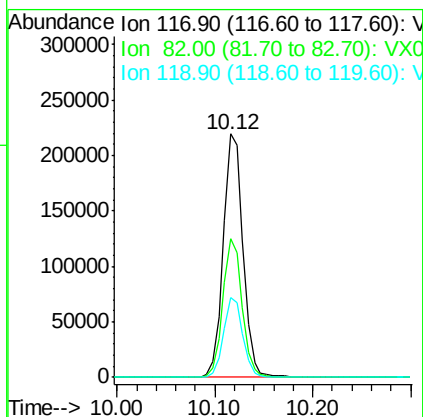
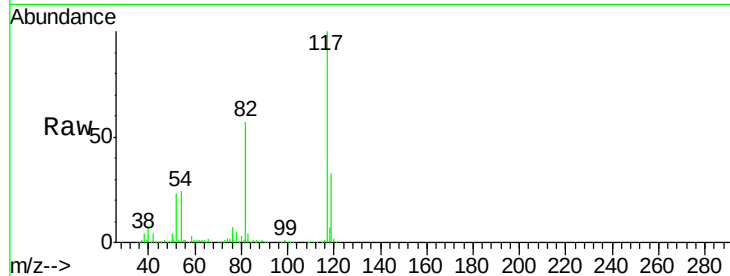




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002222.D
Acq: 01 Jun 2018 19:56

Instrument :
MSVOA_X
ClientSampleId :
Z4TB06-180523

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.9	44.8	67.2
119	32.6	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: VX002222.D
Acq: 01 Jun 2018 19:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	42.3	126.8
150	157.7	0.0	351.0

