

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052118\
 Data File : VX001872.D
 Acq On : 21 May 2018 12:31
 Operator : JC/MD
 Sample : VX0521WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0521WBL01

Quant Time: May 22 01:55:52 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	442974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	592708	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	543547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	265889	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	301812	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
35) Dibromofluoromethane	5.51	113	266869	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
50) Toluene-d8	8.72	98	987036	55.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.20%	
62) 4-Bromofluorobenzene	11.14	95	287006	44.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.00%	

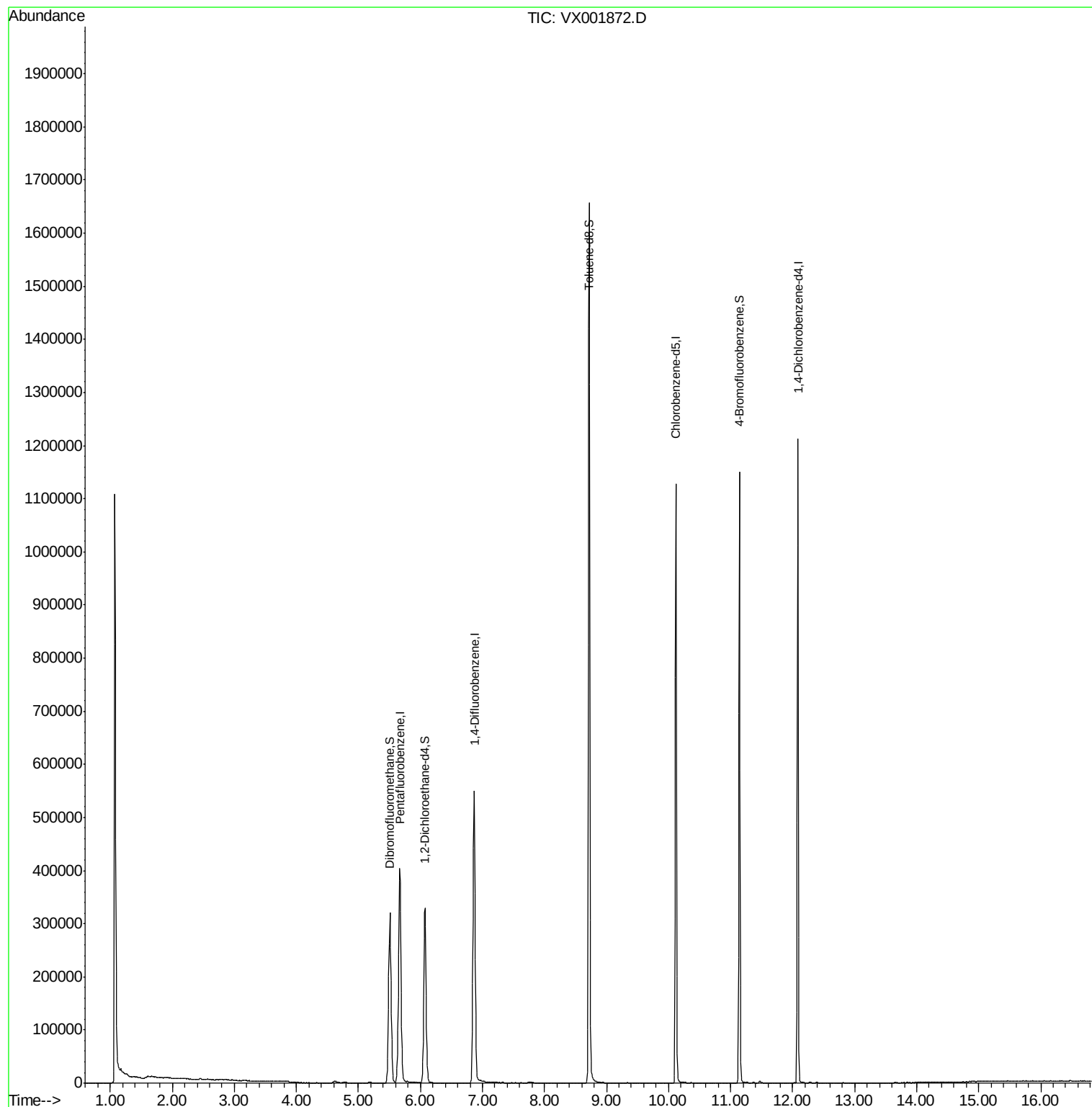
Target Compounds	Qvalue

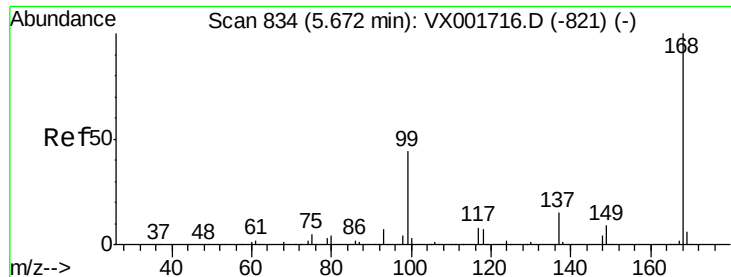
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001872.D

Acq: 21 May 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

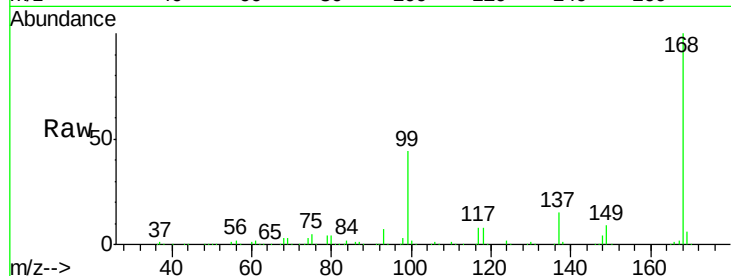
VX0521WBL01

Tot Ion:168 Resp: 442974

Ion Ratio Lower Upper

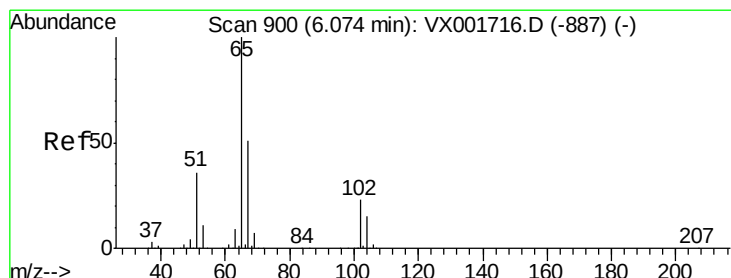
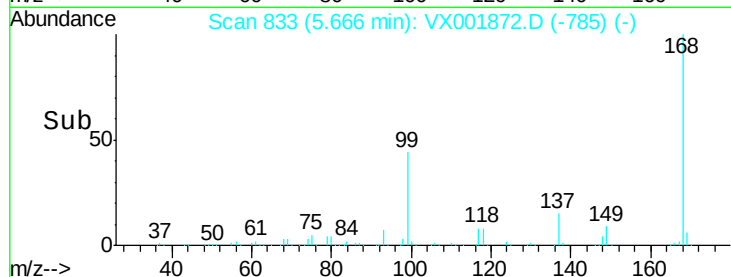
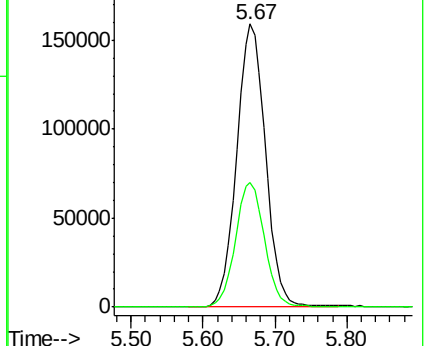
168 100

99 43.8 35.0 52.4



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: 50.831 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001872.D

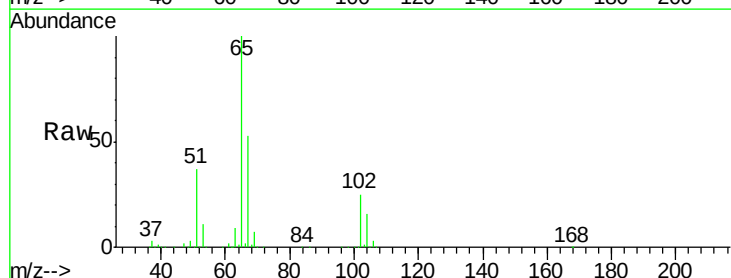
Acq: 21 May 2018 12:31

Tgt Ion: 65 Resp: 301812

Ion Ratio Lower Upper

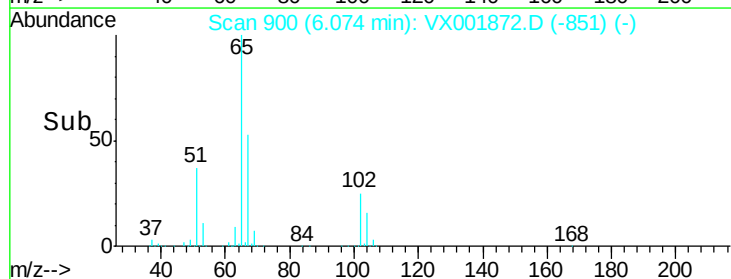
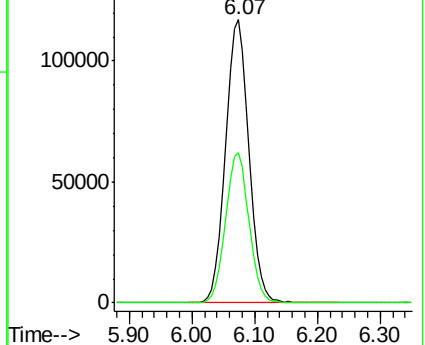
65 100

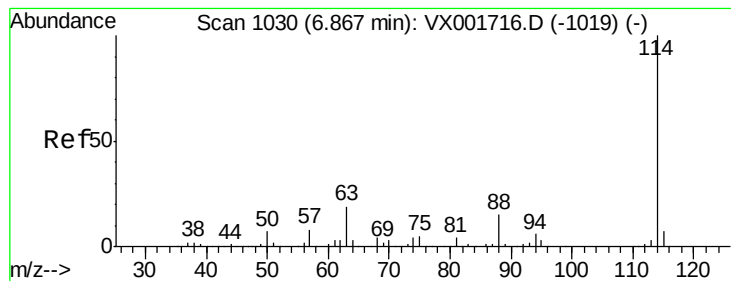
67 53.1 0.0 102.8



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: VX001872.D

Acq: 21 May 2018 12:31

Instrument :

MSVOA_X

ClientSampleId :

VX0521WBL01

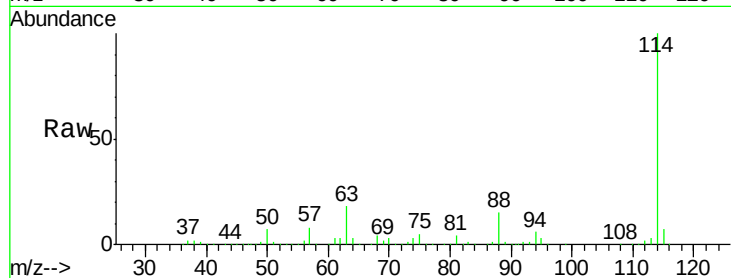
Tot Ion:114 Resp: 592708

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.0

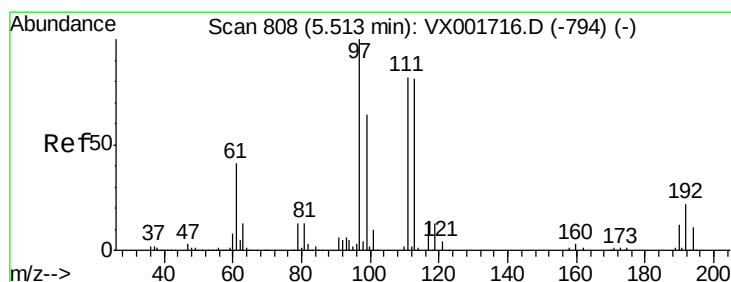
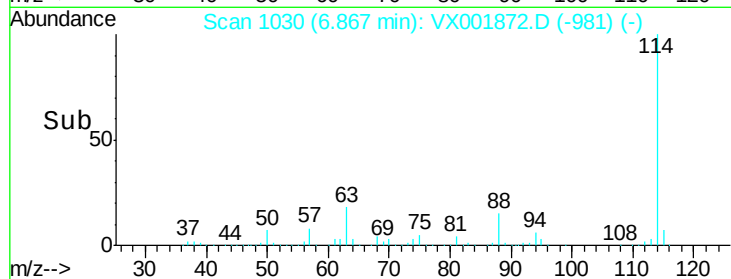
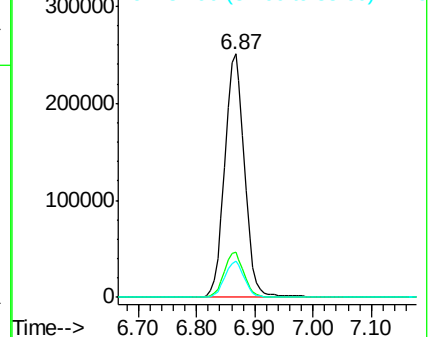
88 15.0 0.0 29.8



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



#35

Dibromofluoromethane

Concen: 53.353 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001872.D

Acq: 21 May 2018 12:31

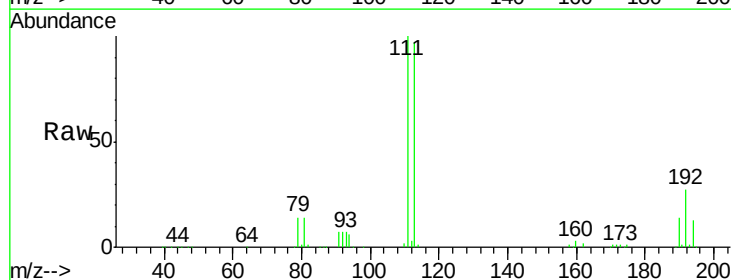
Tgt Ion:113 Resp: 266869

Ion Ratio Lower Upper

113 100

111 102.8 82.0 123.0

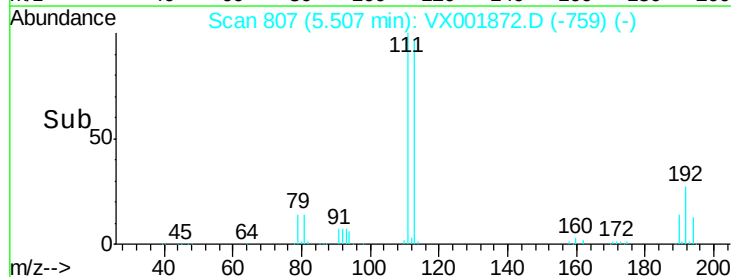
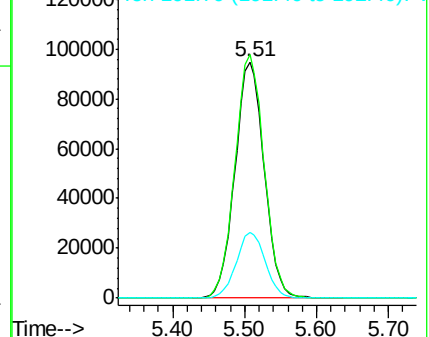
192 27.8 21.6 32.4

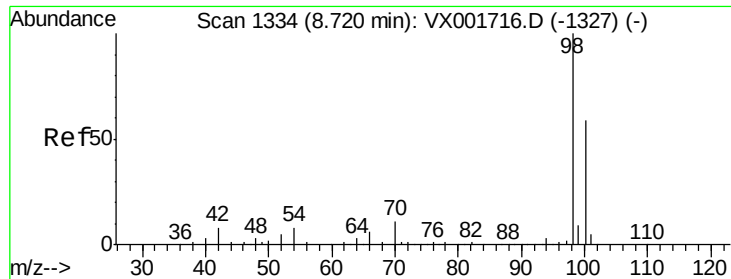


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

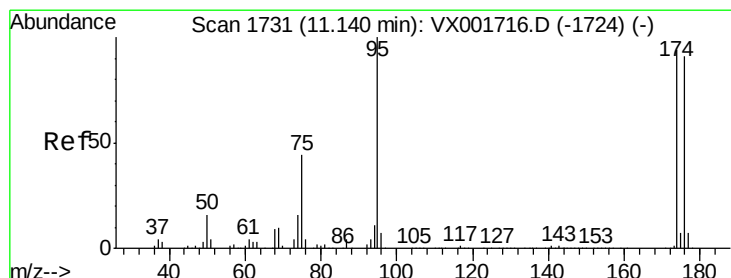
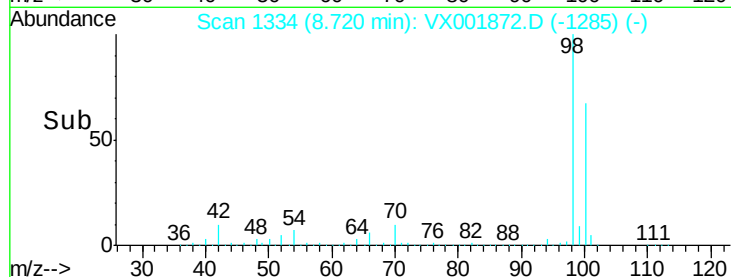
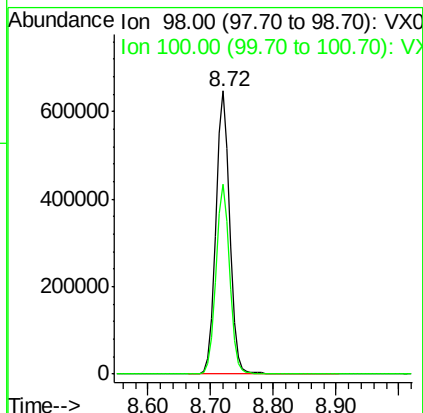
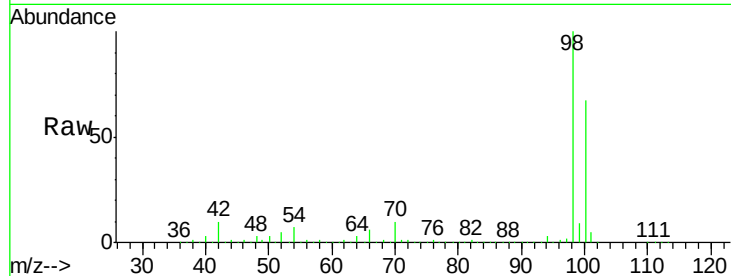




#50
Toluene-d8
Concen: 55.098 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001872.D
Acq: 21 May 2018 12:31

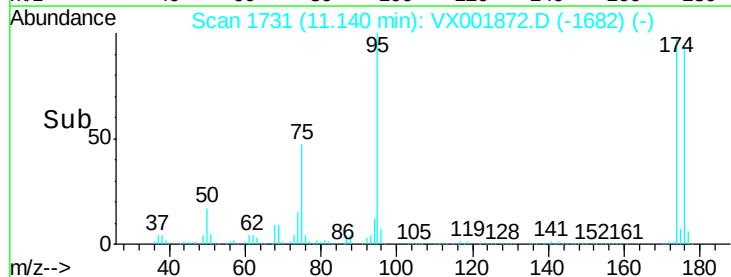
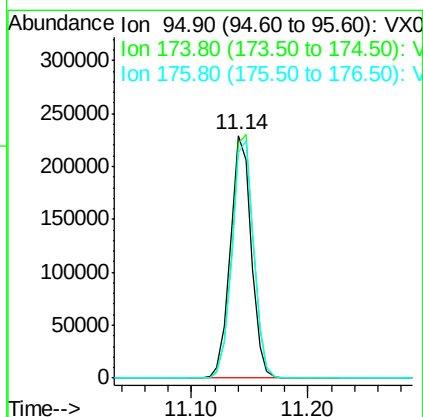
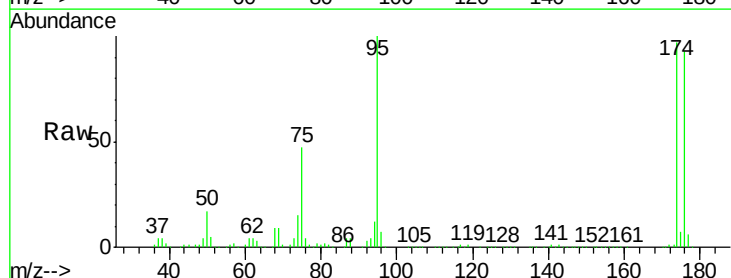
Instrument :
MSVOA_X
ClientSampleId :
VX0521WBL01

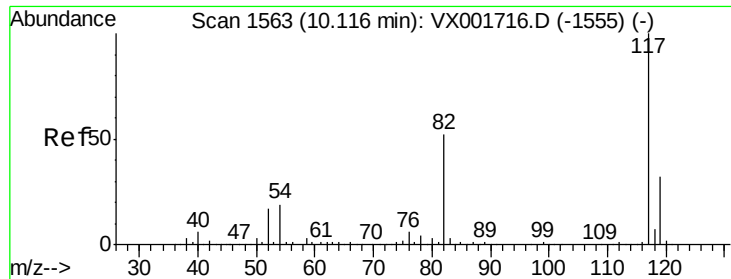
Tot Ion: 98 Resp: 987036
Ion Ratio Lower Upper
98 100
100 66.9 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 44.496 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001872.D
Acq: 21 May 2018 12:31

Tgt Ion: 95 Resp: 287006
Ion Ratio Lower Upper
95 100
174 103.6 0.0 201.8
176 101.3 0.0 196.8

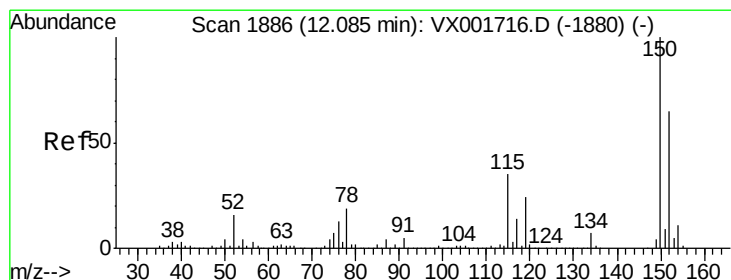
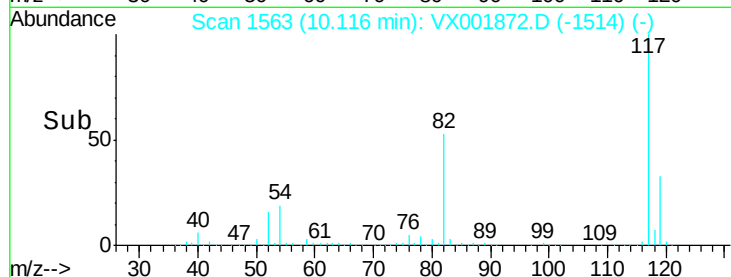
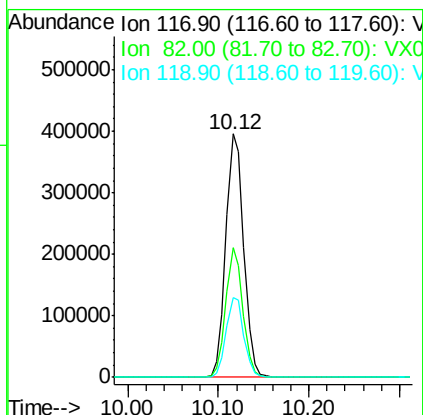
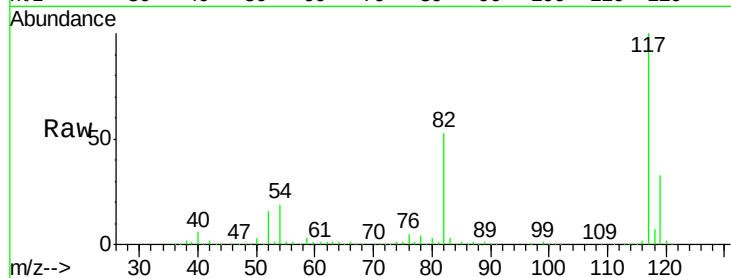




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001872.D
Acq: 21 May 2018 12:31

Instrument :
MSVOA_X
ClientSampled :
VX0521WBL01

Tot Ion:117 Resp: 543547
Ion Ratio Lower Upper
117 100
82 53.3 41.4 62.2
119 32.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001872.D
Acq: 21 May 2018 12:31

Tgt Ion:152 Resp: 265889
Ion Ratio Lower Upper
152 100
115 51.5 37.4 112.2
150 156.0 0.0 344.8

