

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041518\
 Data File : VX000893.D
 Acq On : 15 Apr 2018 13:38
 Operator : JC/MD
 Sample : PB108205ZHE#04 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB108205ZHE#04 5X

Quant Time: Apr 16 08:16:52 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	275556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	372471	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	226227	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	162759	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	
35) Dibromofluoromethane	5.51	113	133103	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
50) Toluene-d8	8.72	98	521334	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
62) 4-Bromofluorobenzene	11.14	95	201043	45.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.96%	

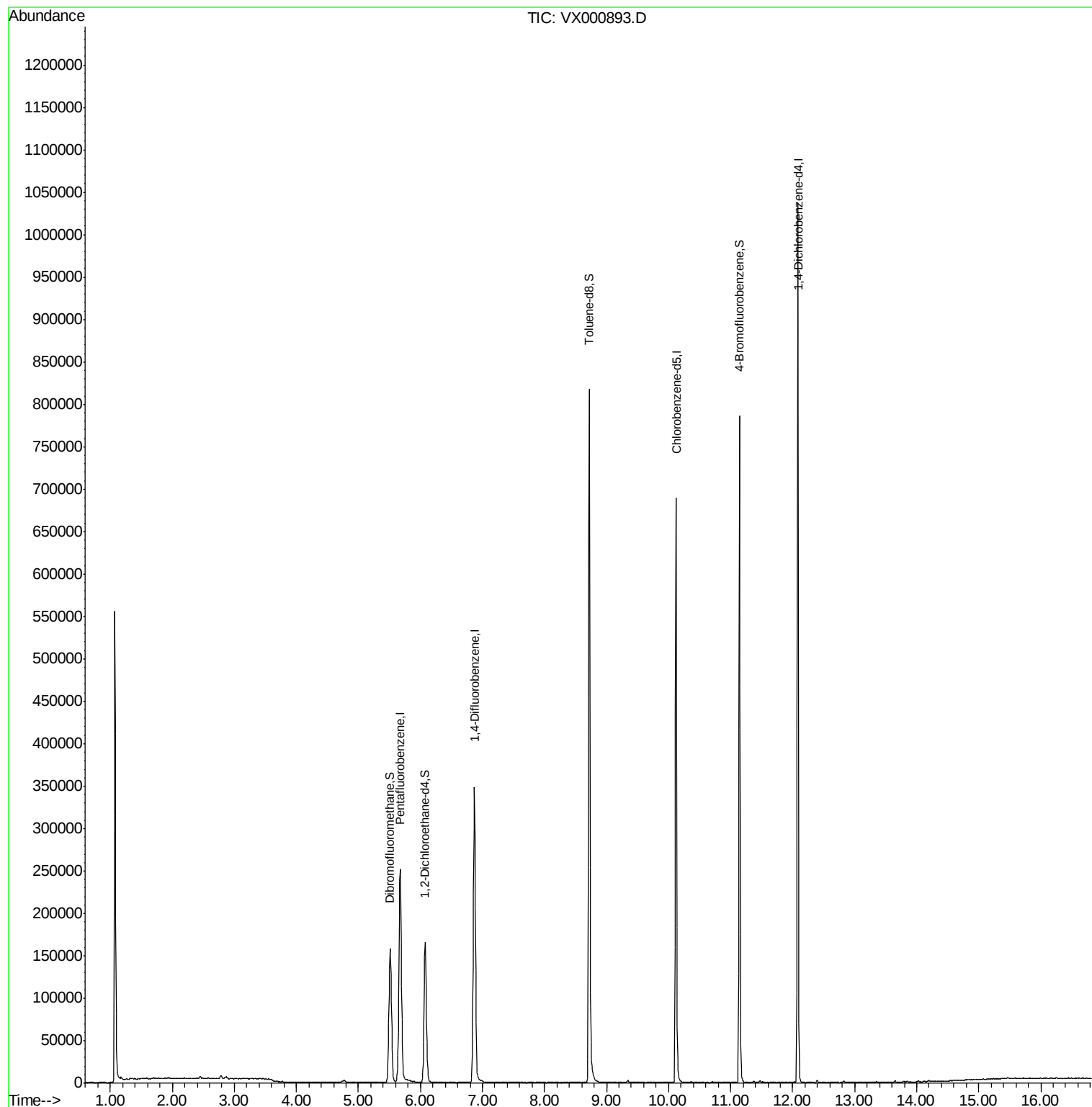
Target Compounds	Qvalue
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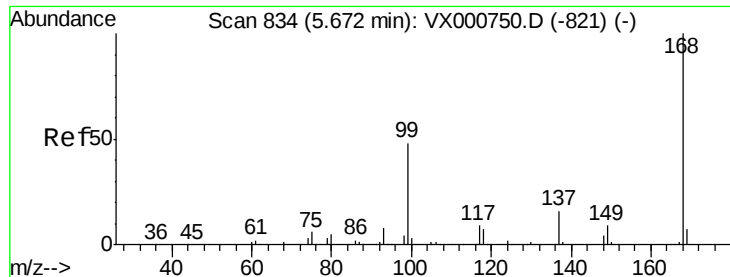
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX000893.D

Acq: 15 Apr 2018 13:38

Instrument :

MSVOA_X

ClientSampleId :

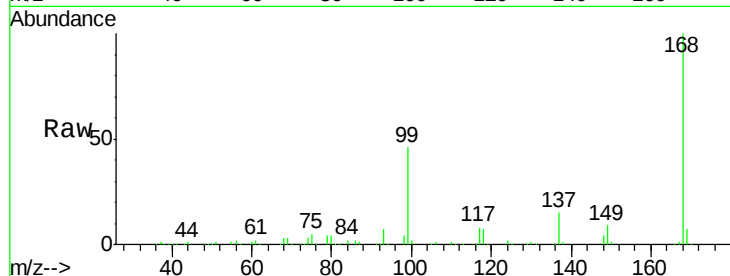
PB108205ZHE#04 5X

Tot Ion:168 Resp: 275556

Ion Ratio Lower Upper

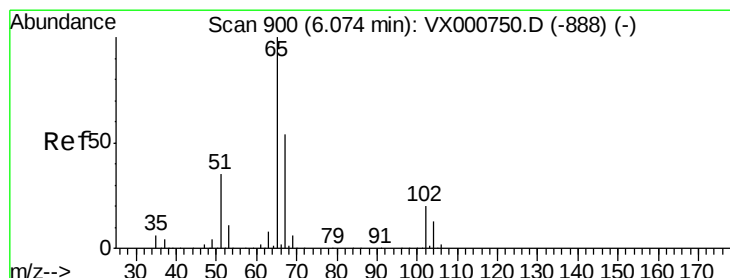
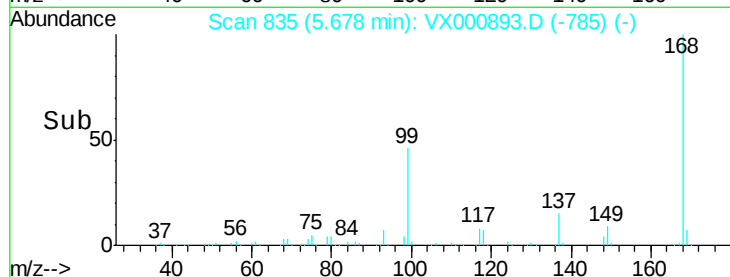
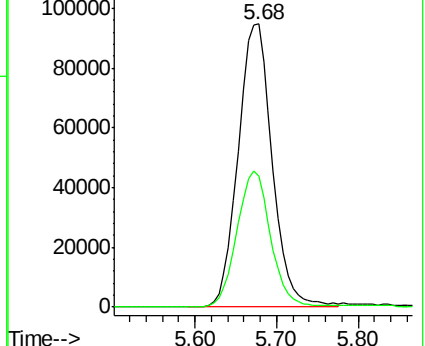
168 100

99 46.5 38.3 57.5



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: 46.84 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX000893.D

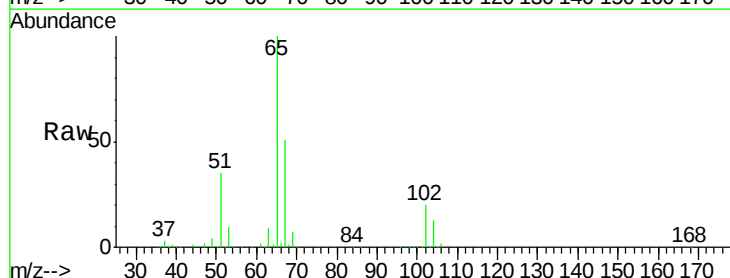
Acq: 15 Apr 2018 13:38

Tgt Ion: 65 Resp: 162759

Ion Ratio Lower Upper

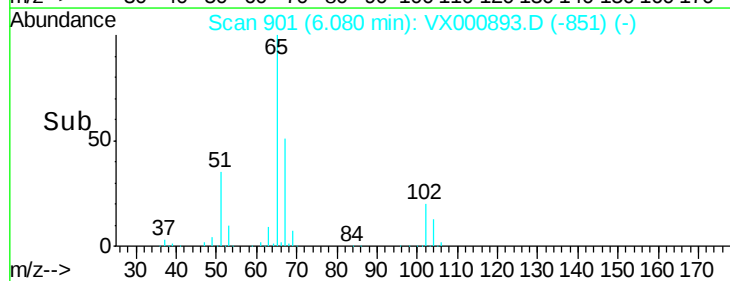
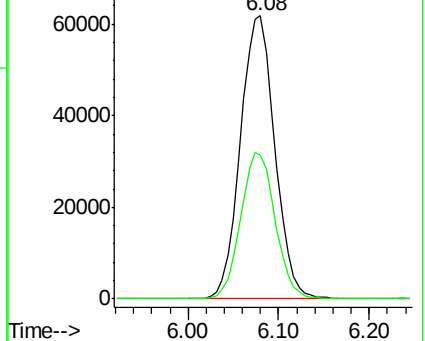
65 100

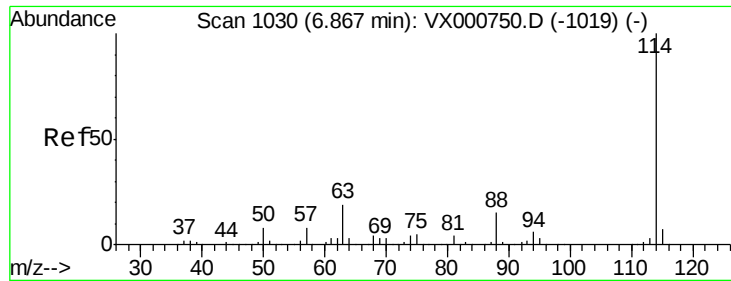
67 51.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

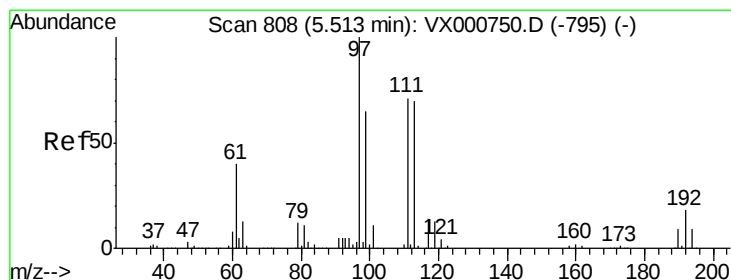
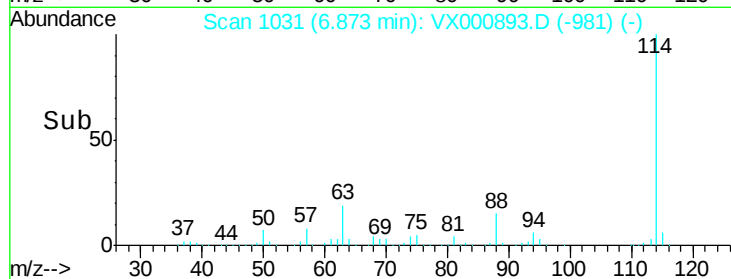
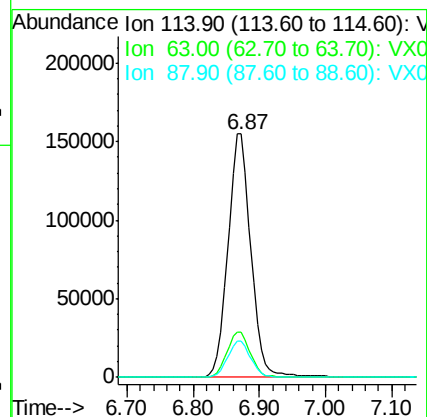
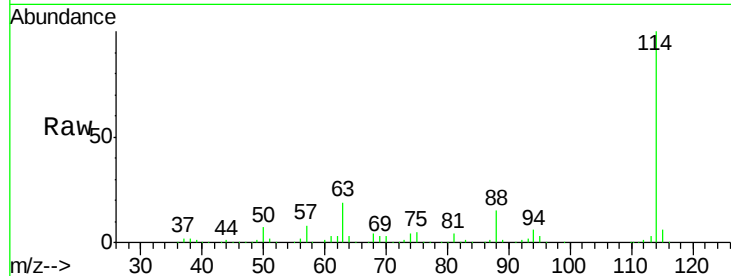




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX000893.D
 Acq: 15 Apr 2018 13:38

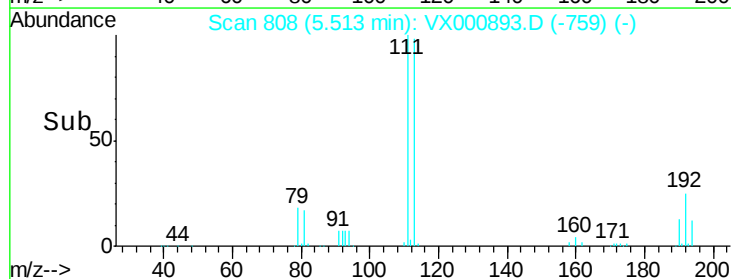
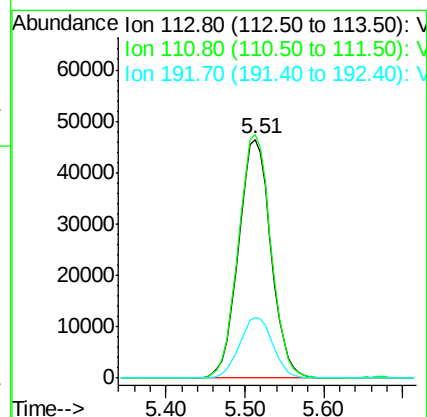
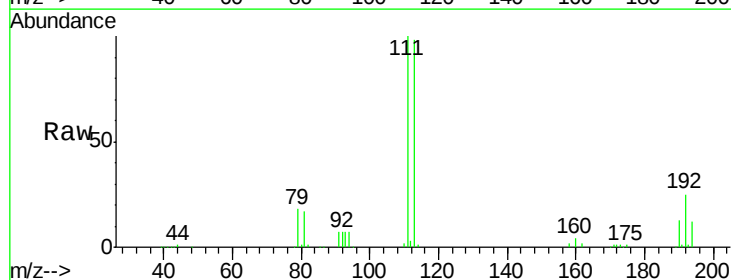
Instrument :
 MSVOA_X
 ClientSampleId :
 PB108205ZHE#04 5X

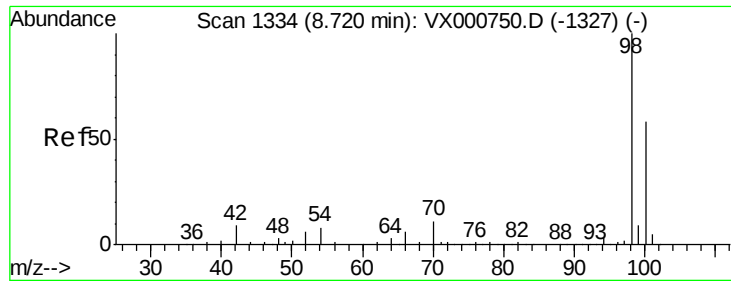
Tot Ion:114 Resp: 372471
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.4
 88 14.8 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 46.38 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000893.D
 Acq: 15 Apr 2018 13:38

Tgt Ion:113 Resp: 133103
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.5 122.3
 192 25.9 20.4 30.6





#50

Toluene-d8

Concen: 48.79 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000893.D

Acq: 15 Apr 2018 13:38

Instrument :

MSVOA_X

ClientSampleId :

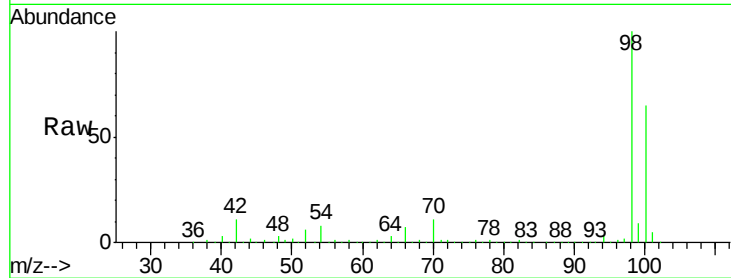
PB108205ZHE#04 5X

Tot Ion: 98 Resp: 521334

Ion Ratio Lower Upper

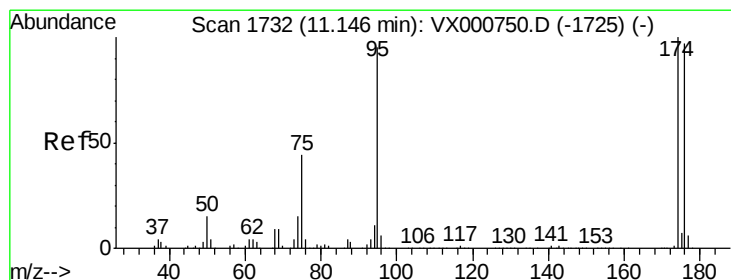
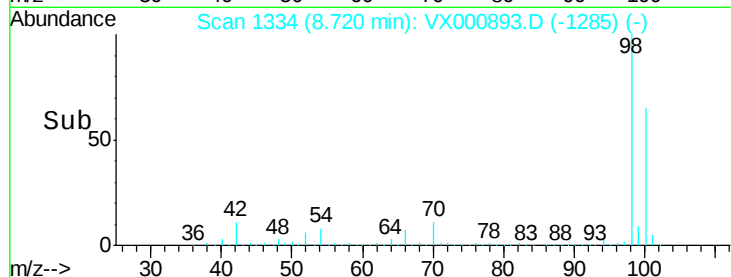
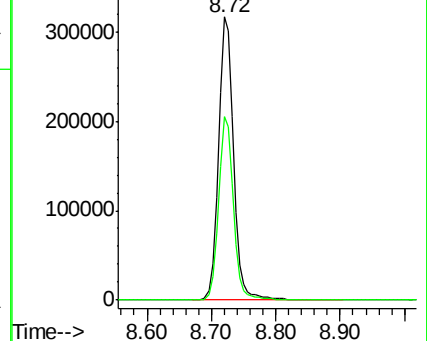
98 100

100 64.4 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.48 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000893.D

Acq: 15 Apr 2018 13:38

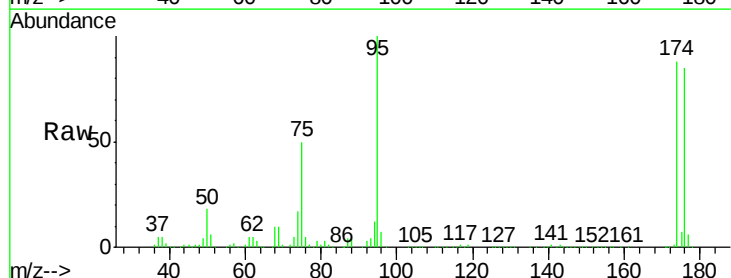
Tgt Ion: 95 Resp: 201043

Ion Ratio Lower Upper

95 100

174 98.5 0.0 198.4

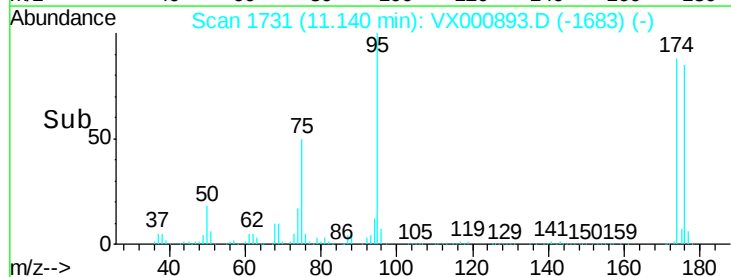
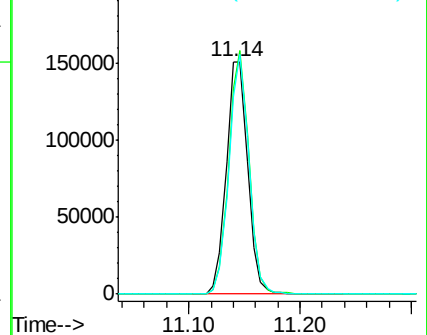
176 96.0 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

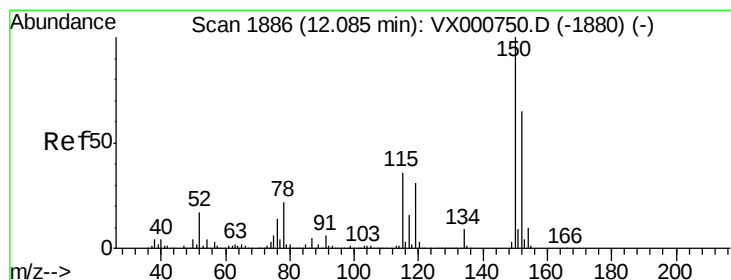
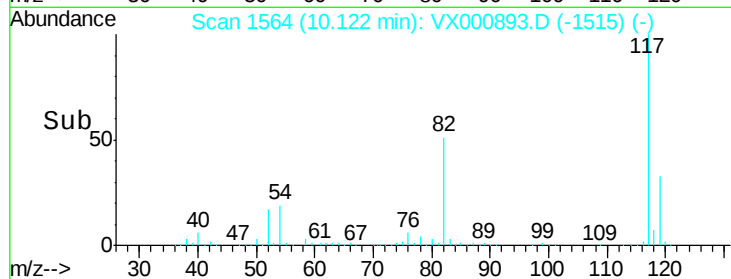
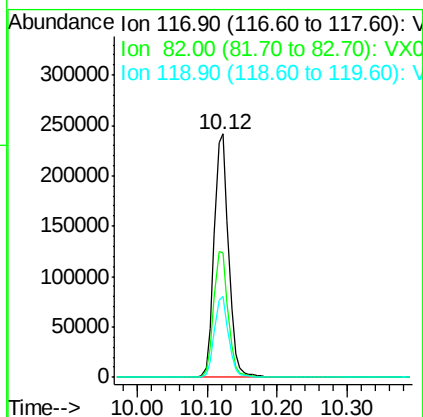
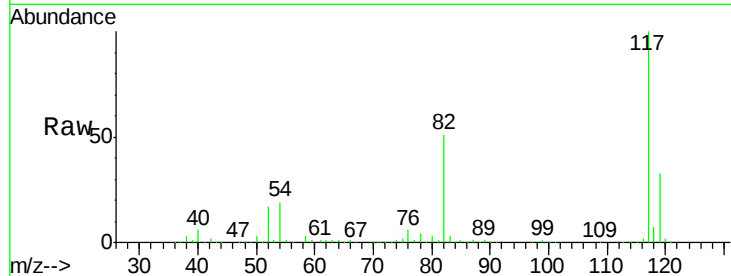




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000893.D
Acq: 15 Apr 2018 13:38

Instrument :
MSVOA_X
ClientSampleId :
PB108205ZHE#04 5X

Tot Ion:117 Resp: 347084
Ion Ratio Lower Upper
117 100
82 51.1 41.9 62.9
119 33.1 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000893.D
Acq: 15 Apr 2018 13:38

Tgt Ion:152 Resp: 226227
Ion Ratio Lower Upper
152 100
115 53.7 37.9 113.7
150 156.5 0.0 348.0

