

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041518\
 Data File : VX000896.D
 Acq On : 15 Apr 2018 14:55
 Operator : JC/MD
 Sample : PB108205ZHE#09 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB108205ZHE#09 5X

Quant Time: Apr 16 08:20:39 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	5.67	168	275440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	377098	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	343157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	223848	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	164215	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.56%	
35) Dibromofluoromethane	5.51	113	132955	45.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.52%	
50) Toluene-d8	8.72	98	522315	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	11.14	95	200829	44.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.74%	

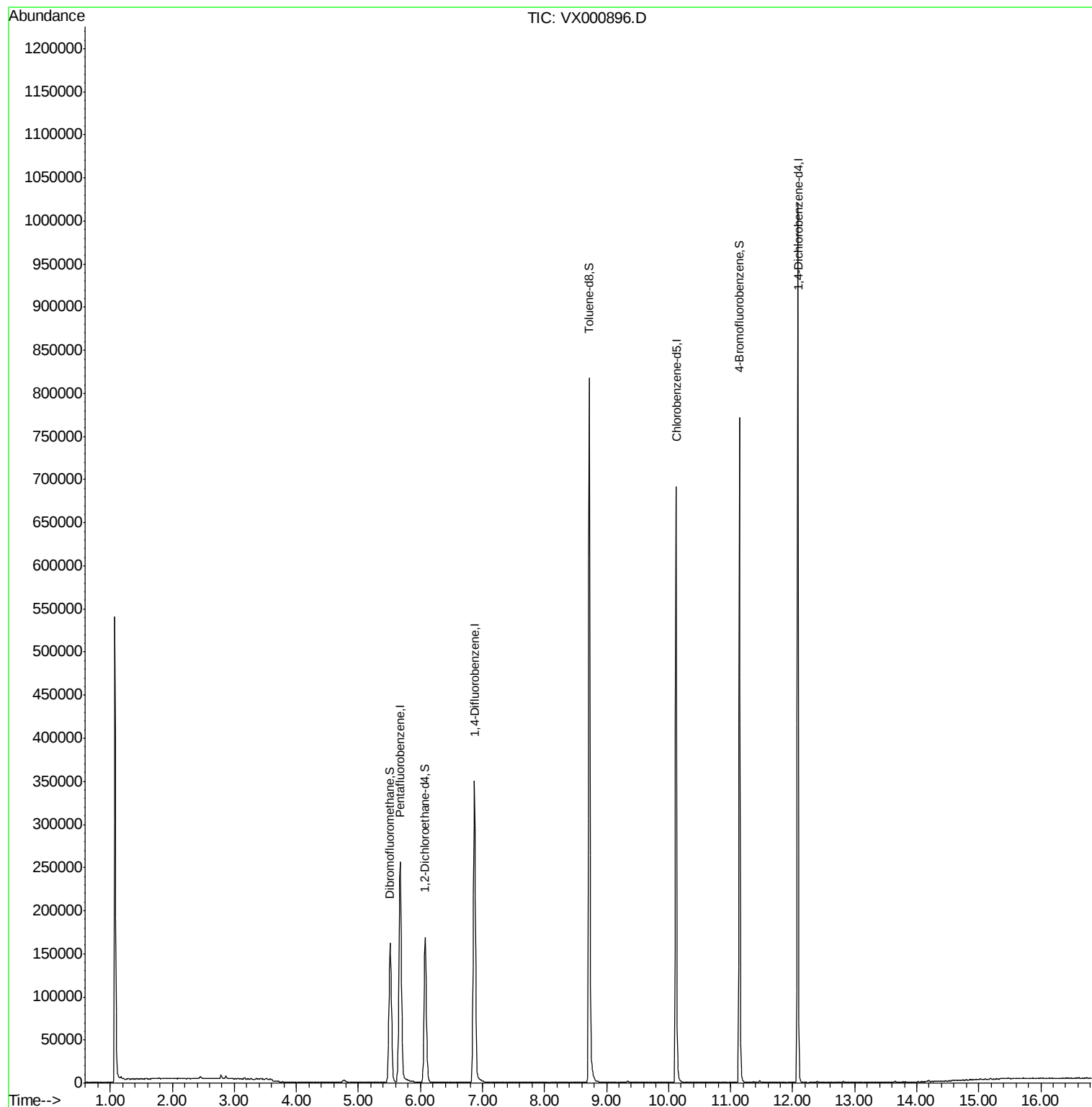
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX000896.D

Acq: 15 Apr 2018 14:55

Instrument :

MSVOA_X

ClientSampleId :

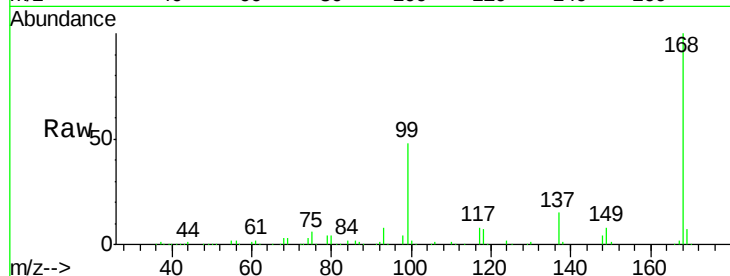
PB108205ZHE#09 5X

Tot Ion:168 Resp: 275440

Ion Ratio Lower Upper

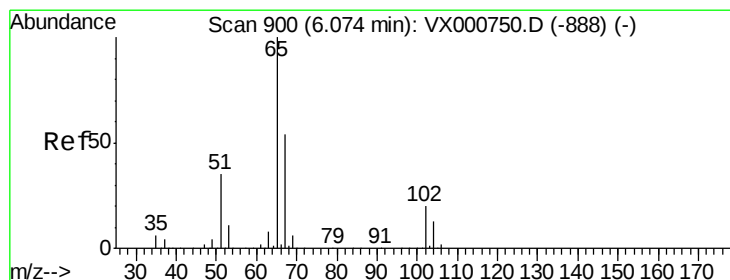
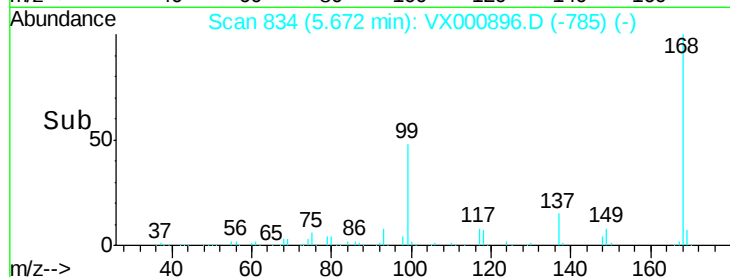
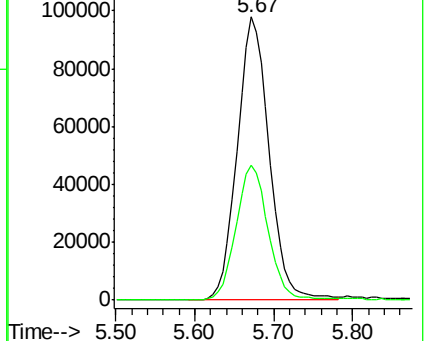
168 100

99 47.6 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: 47.28 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX000896.D

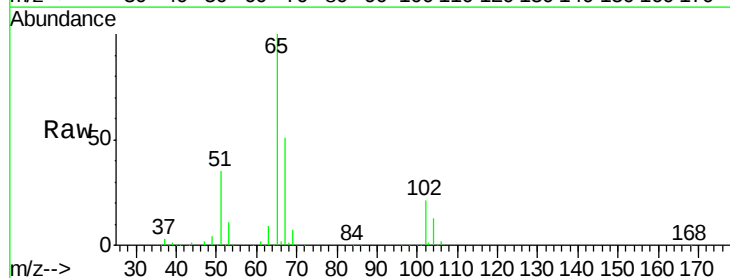
Acq: 15 Apr 2018 14:55

Tgt Ion: 65 Resp: 164215

Ion Ratio Lower Upper

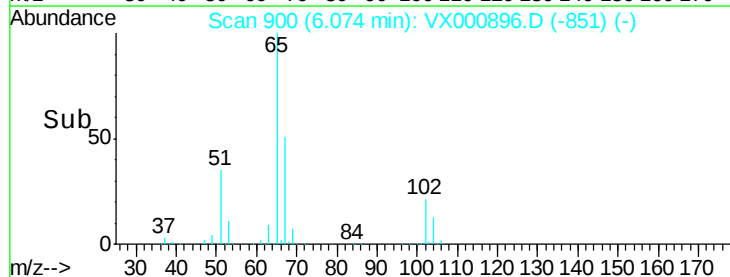
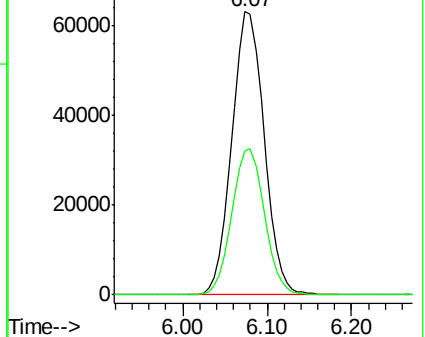
65 100

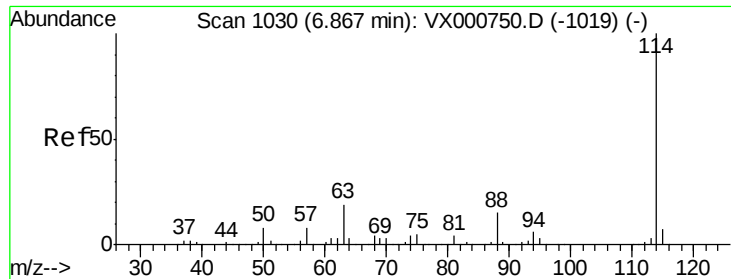
67 52.1 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

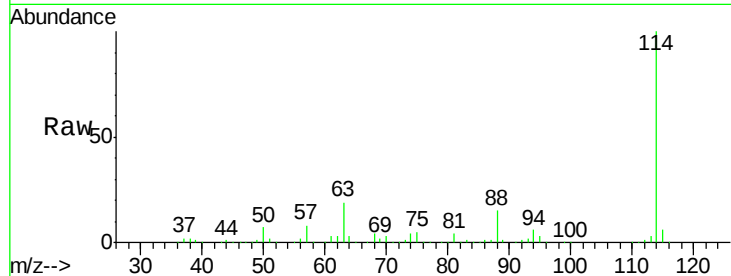




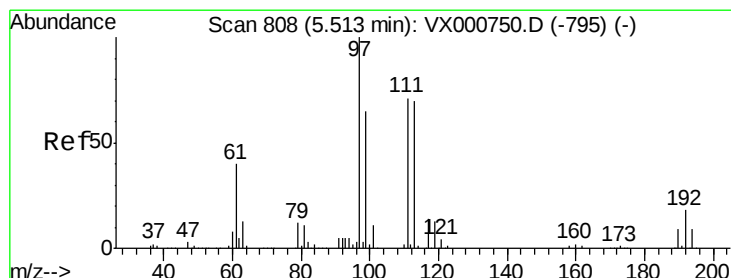
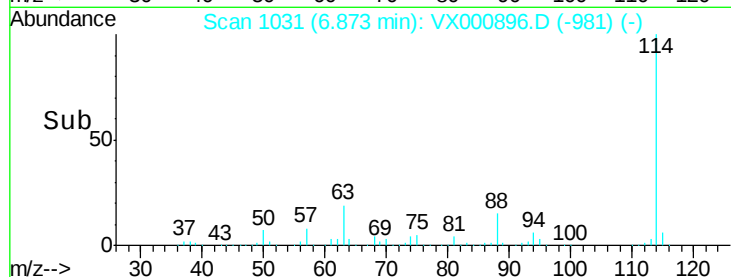
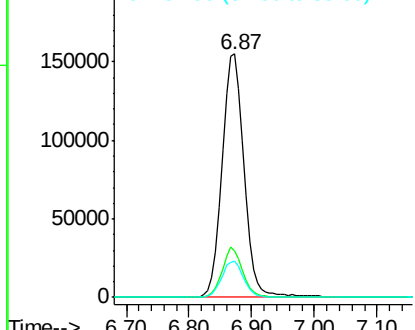
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX000896.D
 Acq: 15 Apr 2018 14:55

Instrument :
 MSVOA_X
 ClientSampleId :
 PB108205ZHE#09 5X

Tot Ion:114 Resp: 377098
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.4
 88 14.9 0.0 31.0

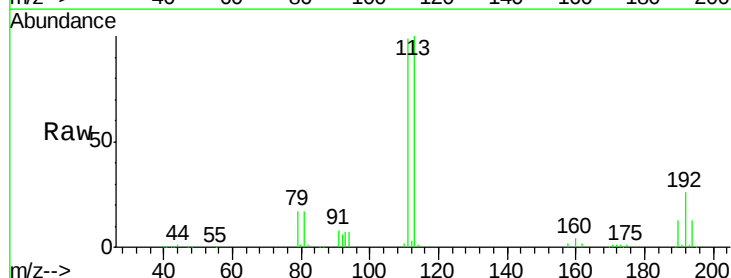


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

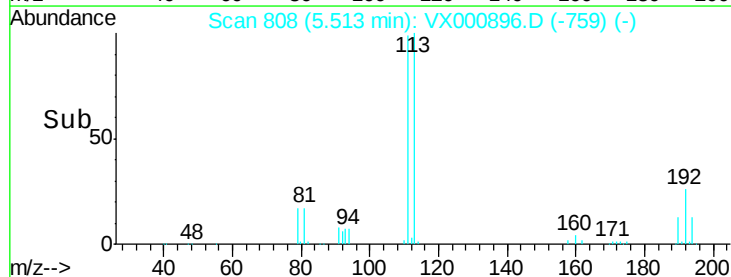
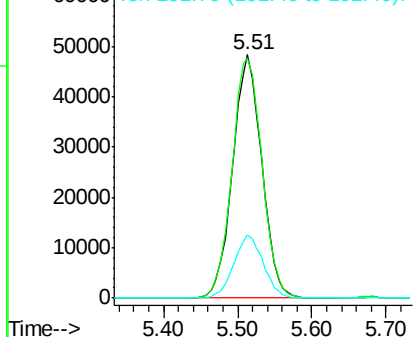


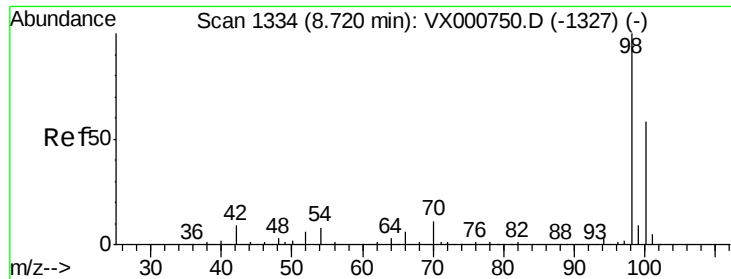
#35
 Dibromofluoromethane
 Concen: 45.76 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX000896.D
 Acq: 15 Apr 2018 14:55

Tgt Ion:113 Resp: 132955
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.5 122.3
 192 26.2 20.4 30.6



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

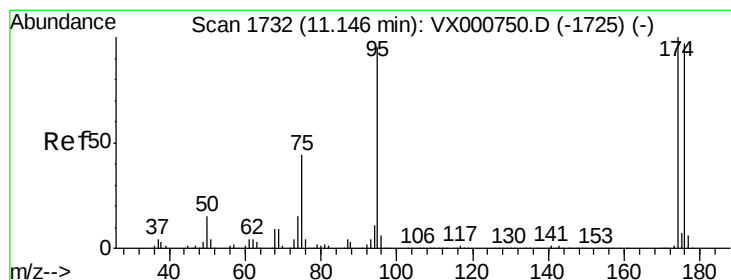
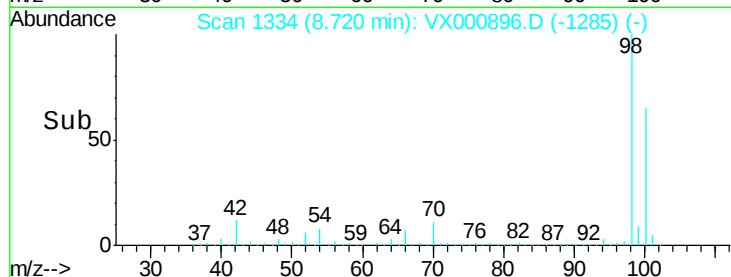
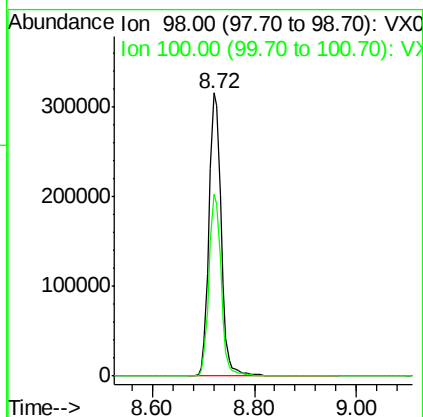
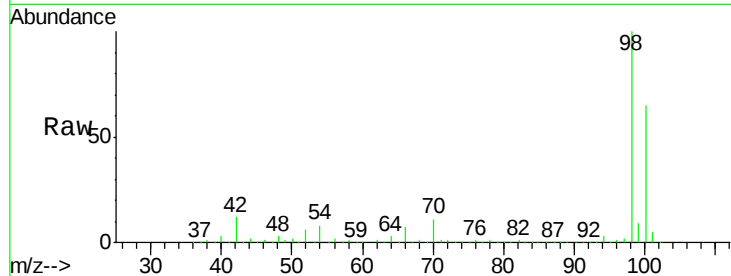




#50
Toluene-d8
Concen: 48.28 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX000896.D
Acq: 15 Apr 2018 14:55

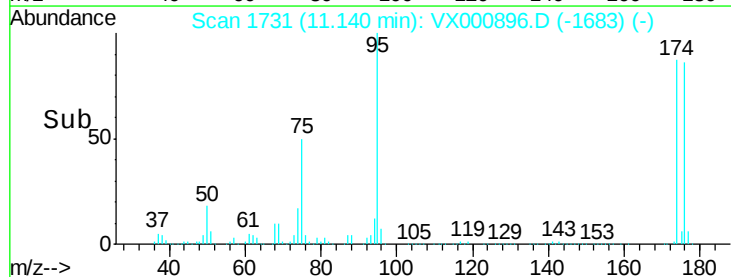
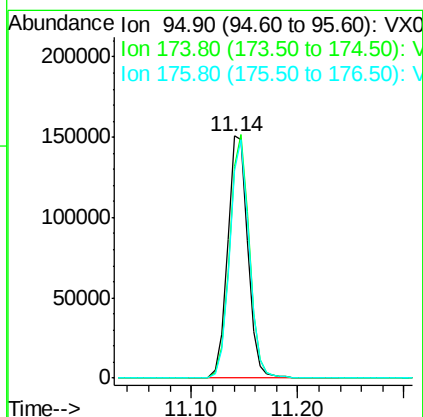
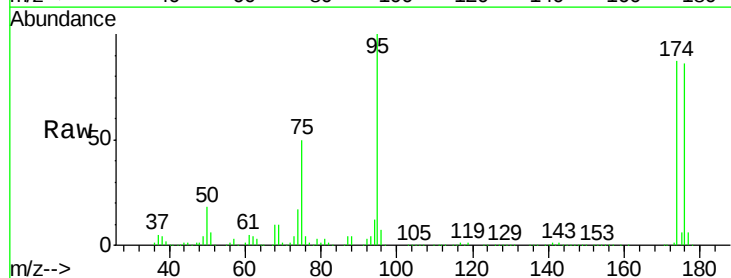
Instrument :
MSVOA_X
ClientSampleId :
PB108205ZHE#09 5X

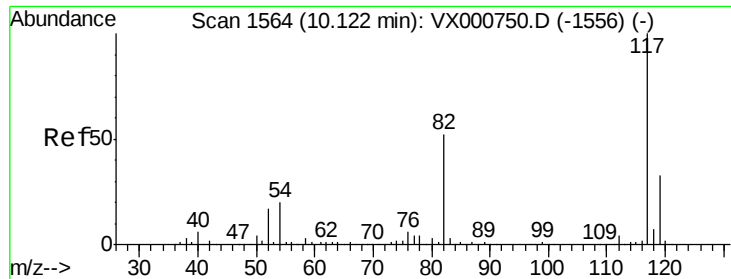
Tot Ion: 98 Resp: 522315
Ion Ratio Lower Upper
98 100
100 64.5 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 44.87 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.01 min
Lab File: VX000896.D
Acq: 15 Apr 2018 14:55

Tgt Ion: 95 Resp: 200829
Ion Ratio Lower Upper
95 100
174 97.6 0.0 198.4
176 95.2 0.0 194.4

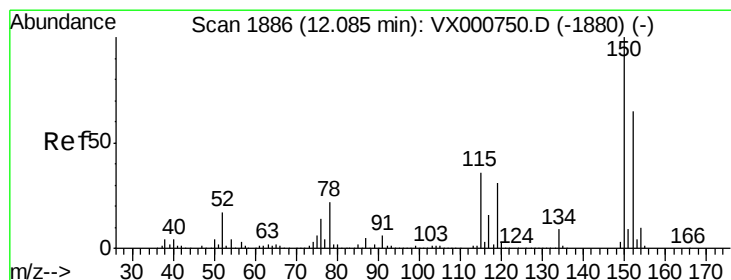
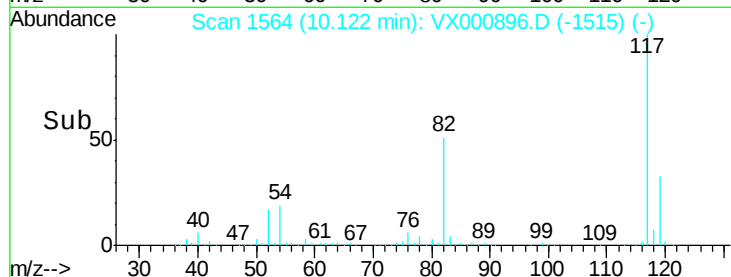
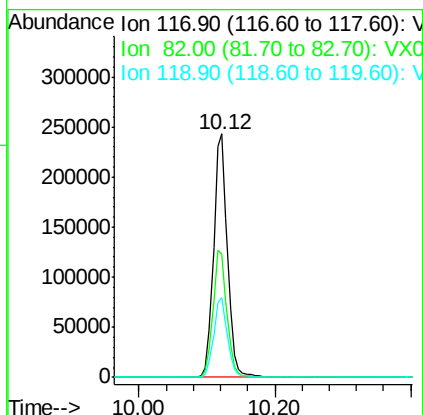
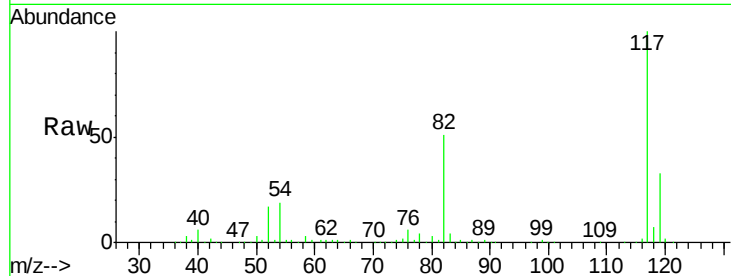




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000896.D
Acq: 15 Apr 2018 14:55

Instrument :
MSVOA_X
ClientSampleId :
PB108205ZHE#09 5X

Tot Ion:117 Resp: 343157
Ion Ratio Lower Upper
117 100
82 50.7 41.9 62.9
119 32.7 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: VX000896.D
Acq: 15 Apr 2018 14:55

Tgt Ion:152 Resp: 223848
Ion Ratio Lower Upper
152 100
115 53.9 37.9 113.7
150 155.7 0.0 348.0

