

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041218\
 Data File : VX000805.D
 Acq On : 12 Apr 2018 16:32
 Operator : JC/MD
 Sample : PB108167TB 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB108167TB

Quant Time: Apr 13 07:26:44 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	274502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	358012	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	319466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	199711	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	156117	45.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.22%	
35) Dibromofluoromethane	5.51	113	129251	46.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.72%	
50) Toluene-d8	8.73	98	489066	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.24%	
62) 4-Bromofluorobenzene	11.15	95	185207	43.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.18%	

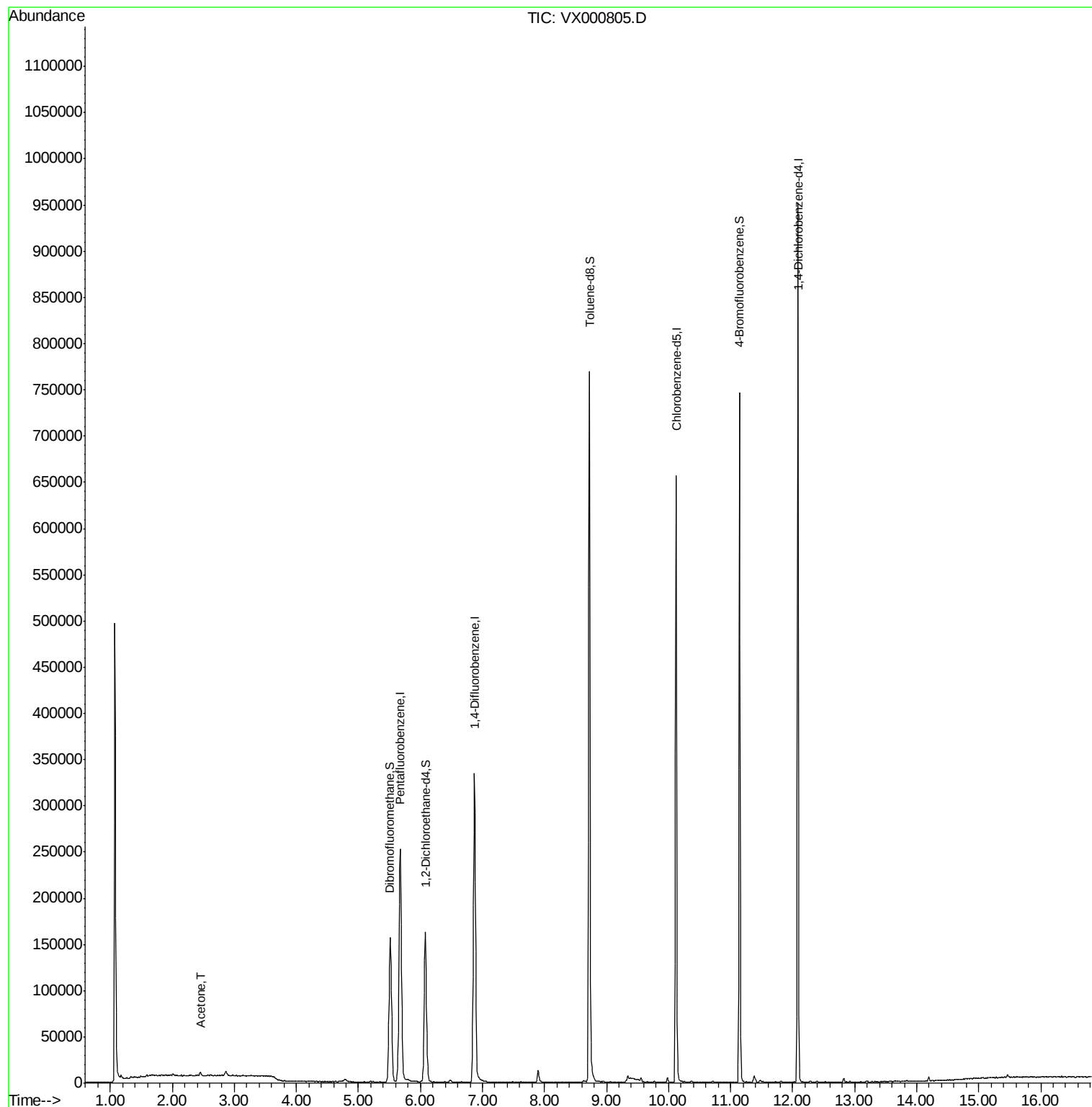
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	4064	3.40	ug/l	97

(#) = 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: VX000805.D

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Instrument :

MSVOA_X

ClientSampleId :

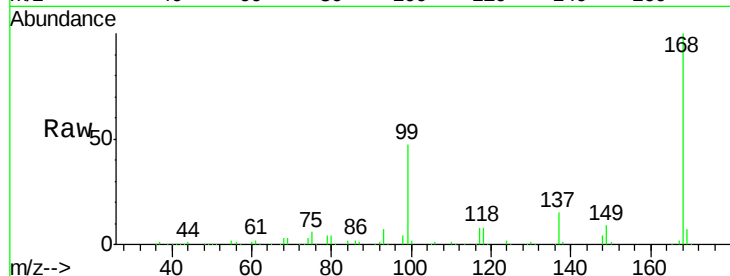
PB108167TB

Tot Ion:168 Resp: 274502

Ion Ratio Lower Upper

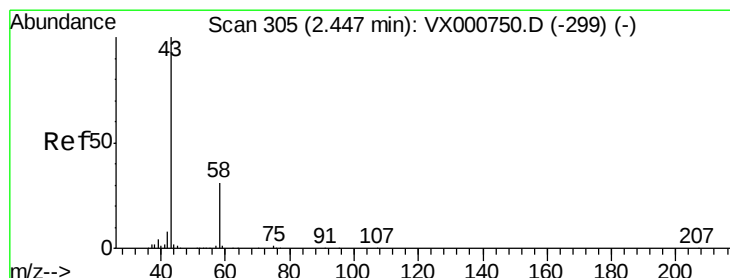
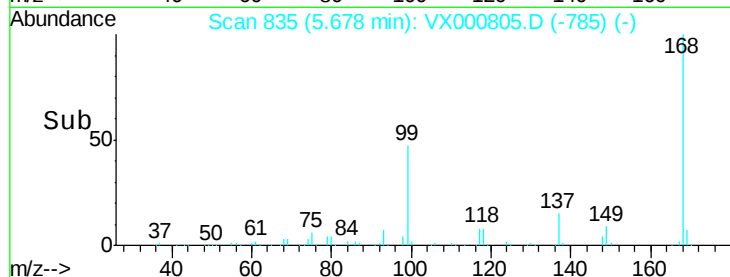
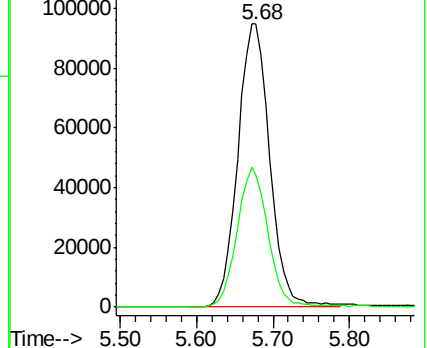
168 100

99 46.7 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.40 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000805.D

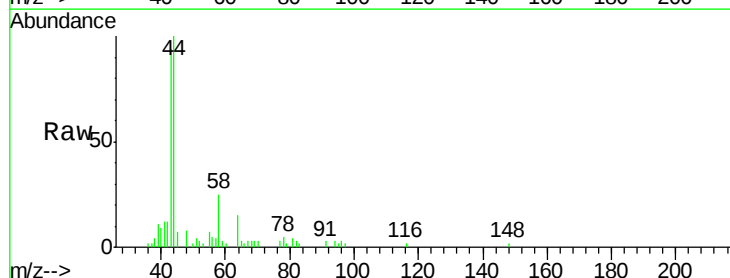
Acq: 12 Apr 2018 16:32

Tgt Ion: 43 Resp: 4064

Ion Ratio Lower Upper

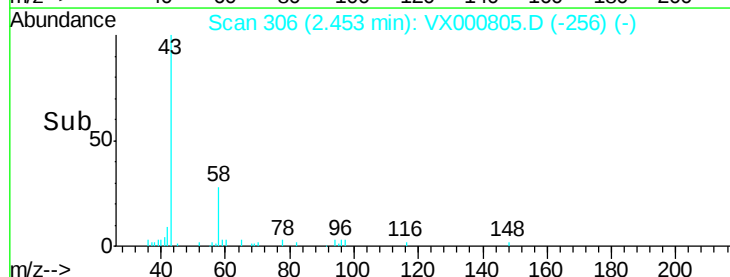
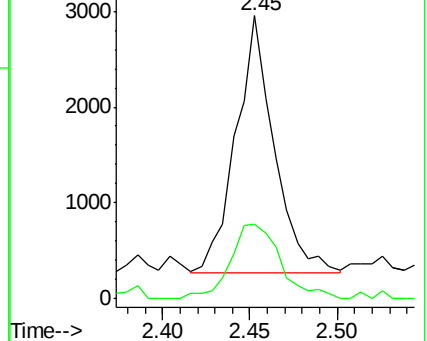
43 100

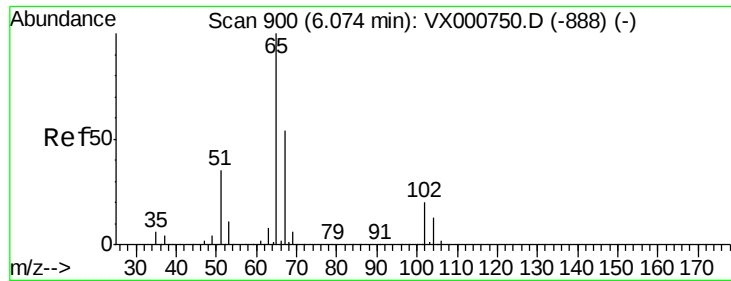
58 29.1 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.11 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX000805.D

Acq: 12 Apr 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

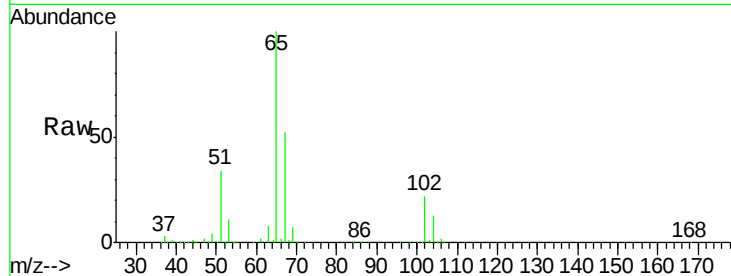
PB108167TB

Tot Ion: 65 Resp: 156117

Ion Ratio Lower Upper

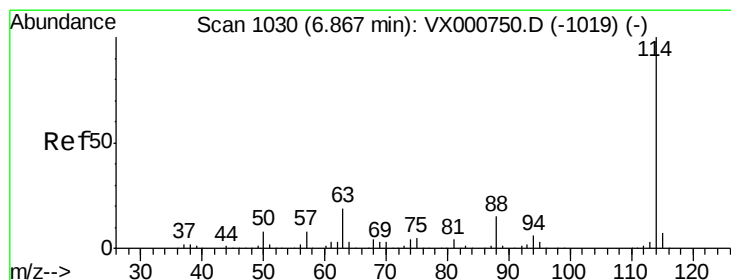
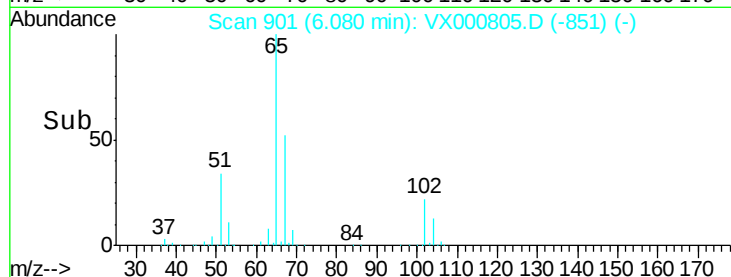
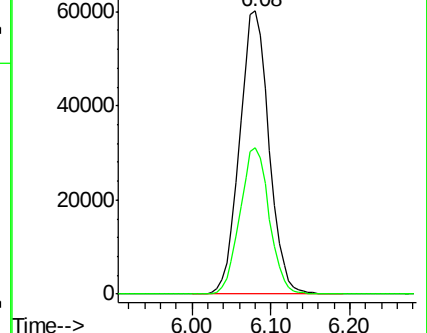
65 100

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: VX000805.D

Acq: 12 Apr 2018 16:32

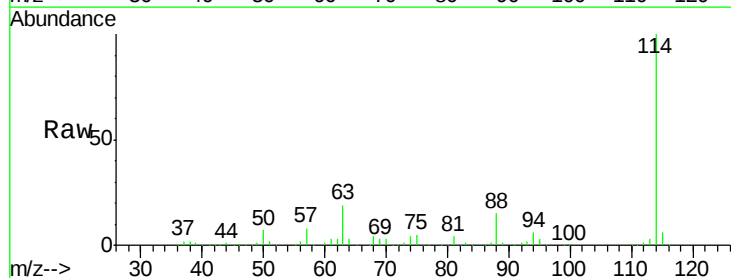
Tgt Ion: 114 Resp: 358012

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.4

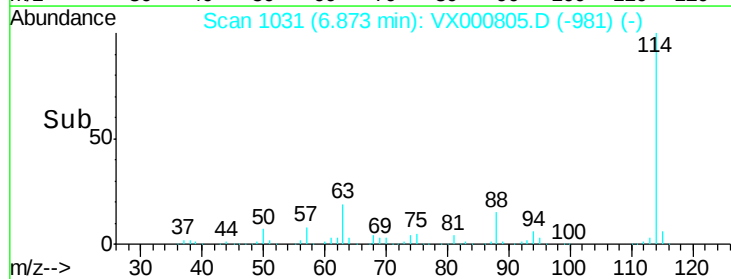
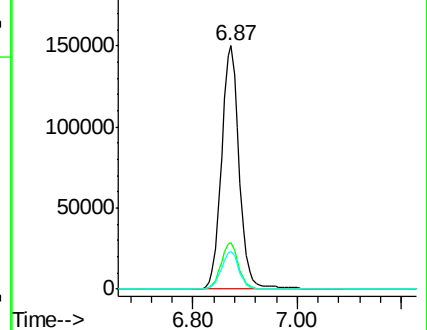
88 15.4 0.0 31.0

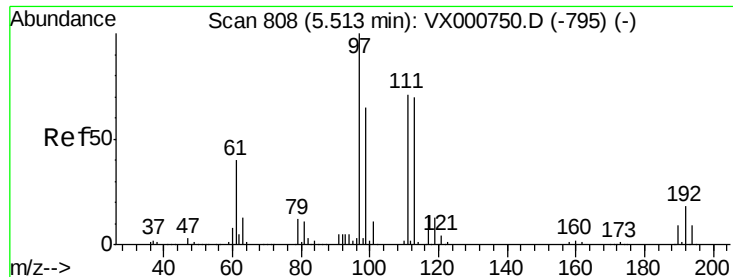


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

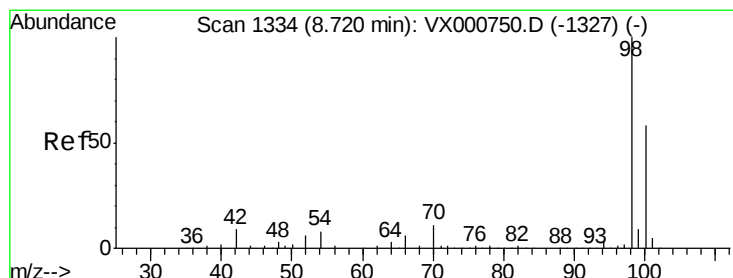
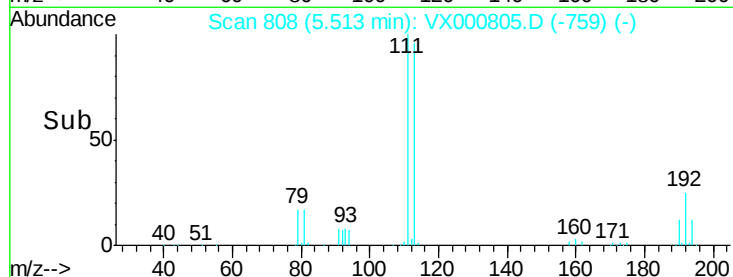
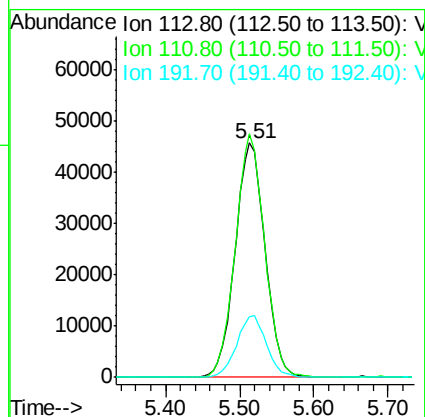
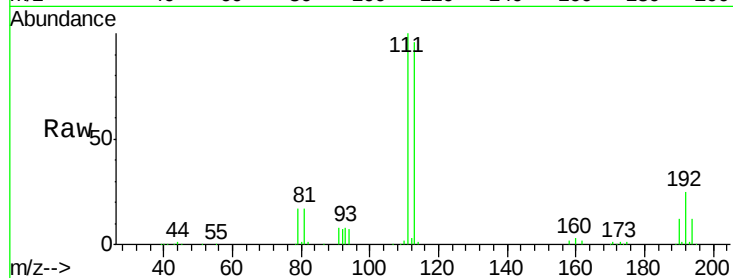




#35
 Dibromofluoromethane
 Concen: 46.86 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000805.D
 Acq: 12 Apr 2018 16:32

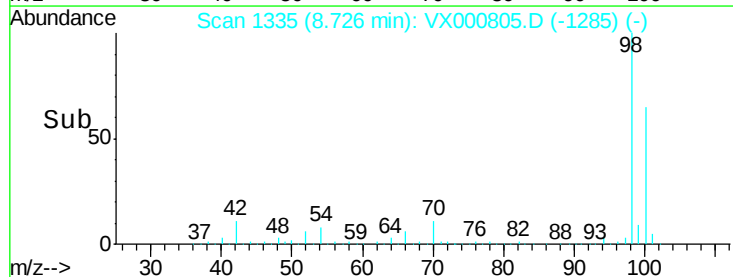
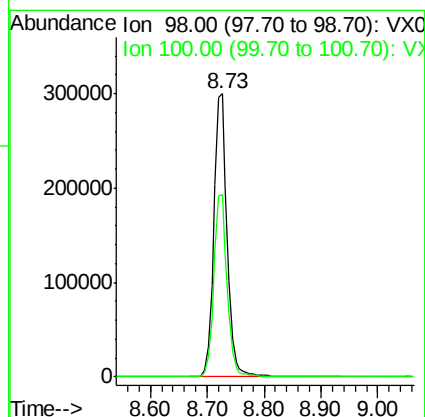
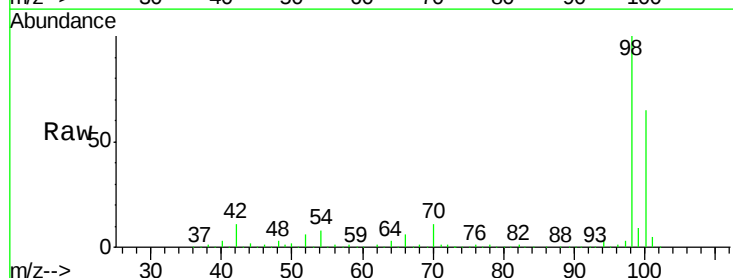
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 PB108167TB

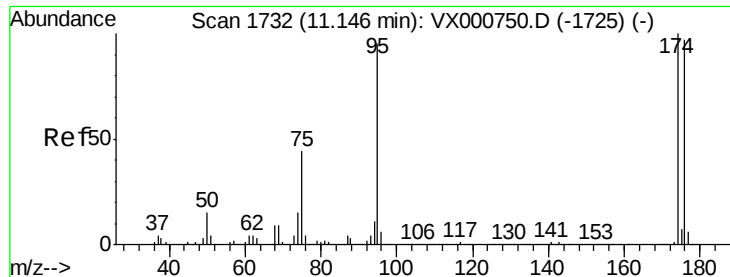
Tot Ion:113 Resp: 129251
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.5 122.3
 192 25.9 20.4 30.6



#50
 Toluene-d8
 Concen: 47.62 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: VX000805.D
 Acq: 12 Apr 2018 16:32

Tgt Ion: 98 Resp: 489066
 Ion Ratio Lower Upper
 98 100
 100 64.6 52.6 79.0

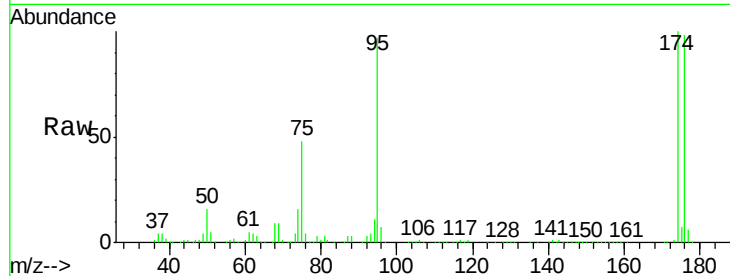




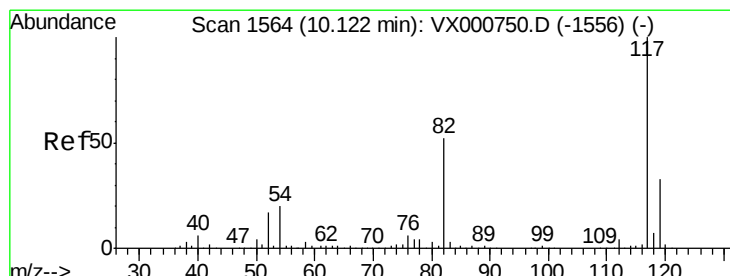
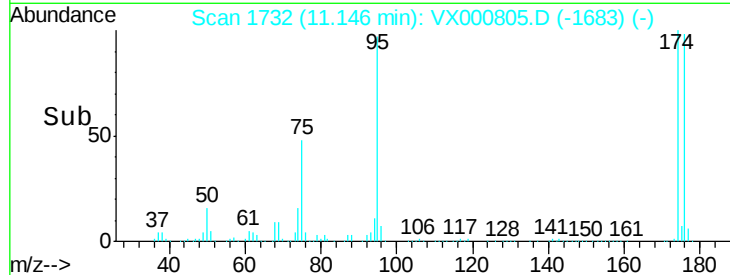
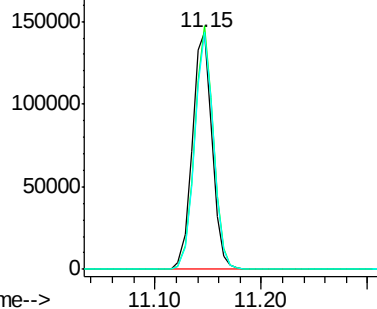
#62
4-Bromofluorobenzene
Concen: 43.59 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000805.D
Acq: 12 Apr 2018 16:32

Instrument :
MSVOA_X
ClientSampleId :
PB108167TB

Tot Ion: 95 Resp: 185207
Ion Ratio Lower Upper
95 100
174 98.0 0.0 198.4
176 96.1 0.0 194.4

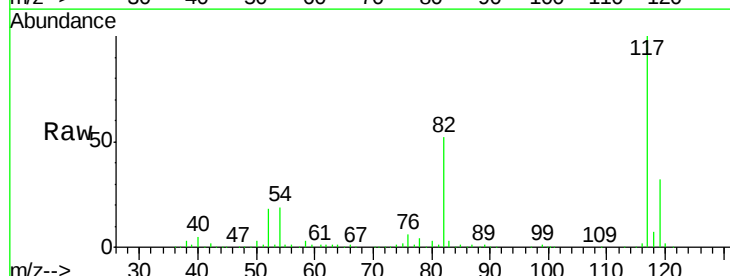


Abundance Ion 94.90 (94.60 to 95.60): VX
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

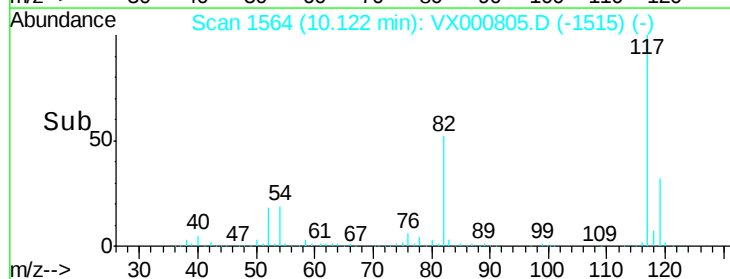
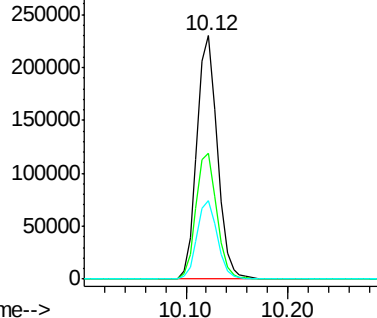


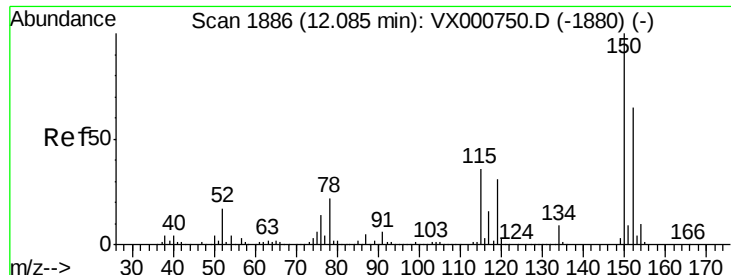
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000805.D
Acq: 12 Apr 2018 16:32

Tgt Ion: 117 Resp: 319466
Ion Ratio Lower Upper
117 100
82 51.8 41.9 62.9
119 32.4 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000805.D

Acq: 12 Apr 2018 16:32

Instrument :

MSVOA_X

ClientSampleId :

PB108167TB

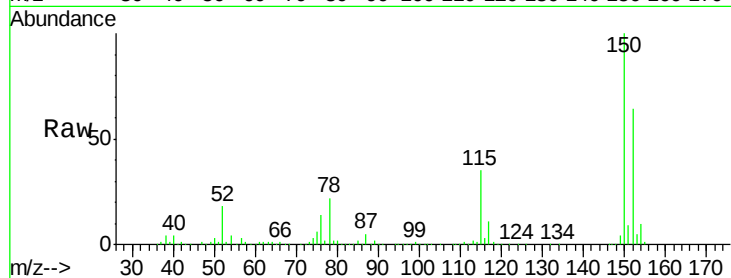
Tot Ion:152 Resp: 199711

Ion Ratio Lower Upper

152 100

115 54.4 37.9 113.7

150 156.6 0.0 348.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

