

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002574.D
 Acq On : 15 Jun 2018 02:03
 Operator : JC/MD
 Sample : PB110227ZHE#12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110227ZHE#12

Quant Time: Jun 15 03:44:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

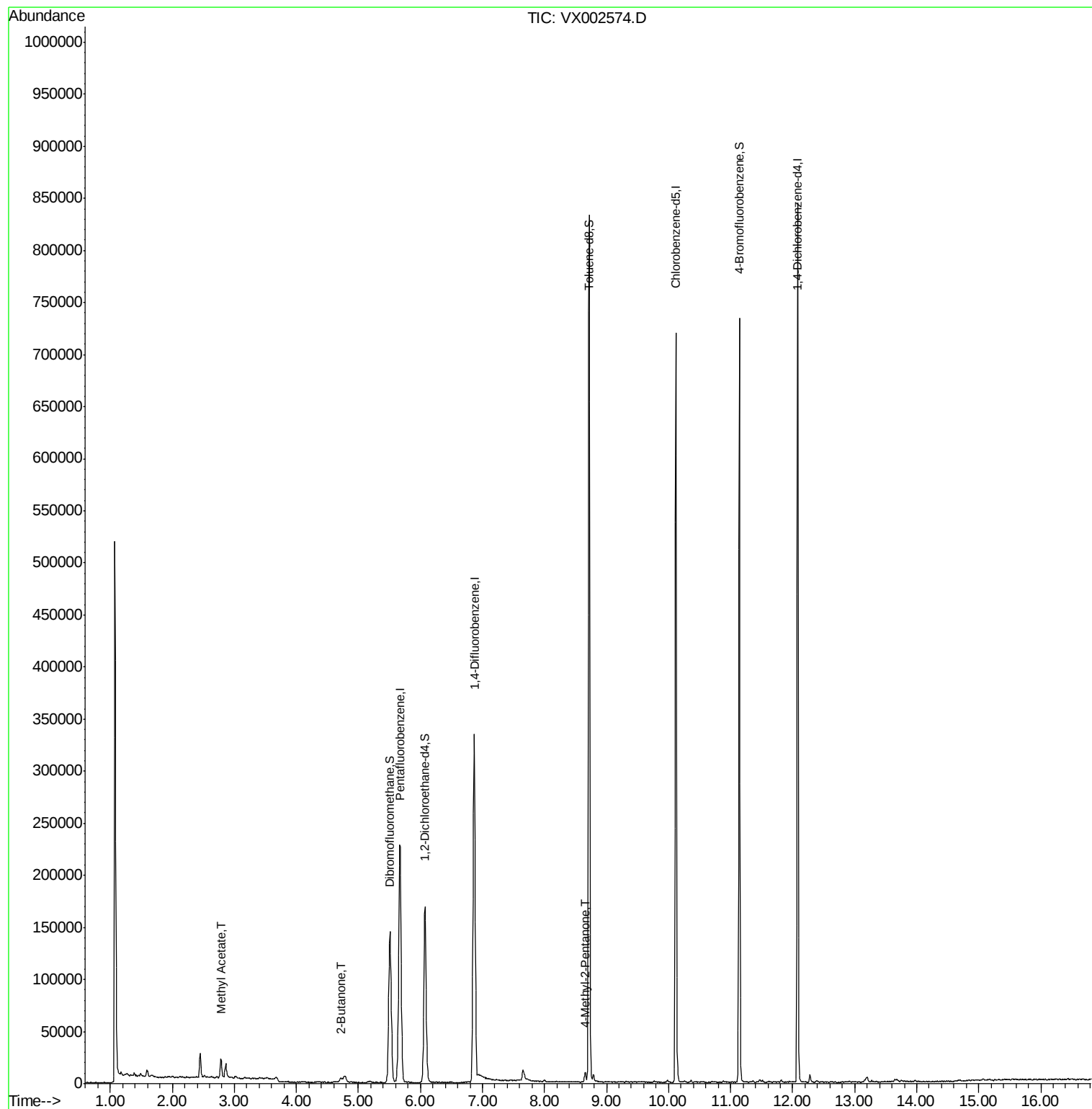
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	329722	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	305858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	173850	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	159362	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
35) Dibromofluoromethane	5.51	113	117634	45.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.74%	
50) Toluene-d8	8.72	98	471389	47.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.86%	
62) 4-Bromofluorobenzene	11.14	95	166885	43.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.08%	
Target Compounds						
18) Methyl Acetate	2.78	43	21811	4.250	ug/l	96
25) 2-Butanone	4.71	43	7478	3.366	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	5512	1.250	ug/l	100

(#) = 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

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ClientSampleId :

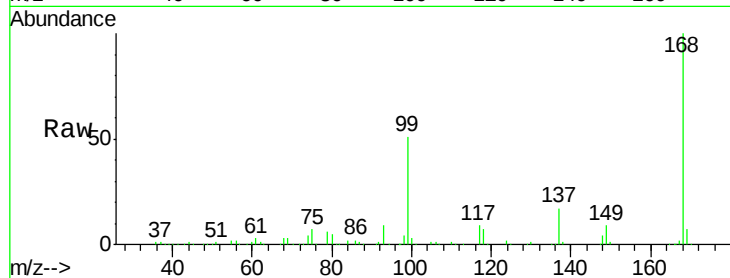
PB110227ZHE#12

Tot Ion:168 Resp: 226585

Ion Ratio Lower Upper

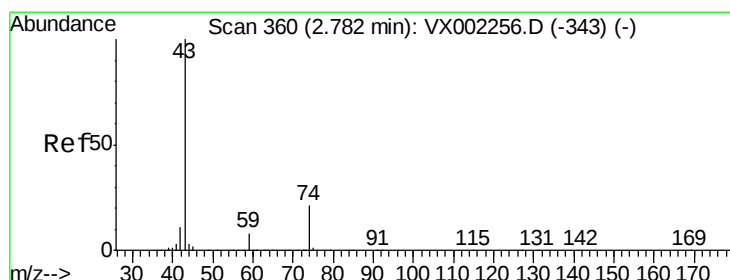
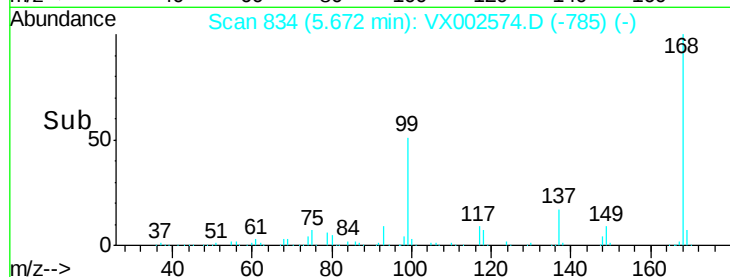
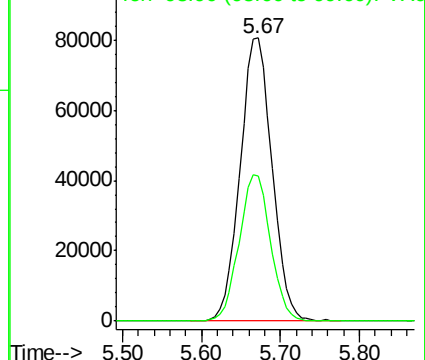
168 100

99 51.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#18

Methyl Acetate

Concen: 4.250 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002574.D

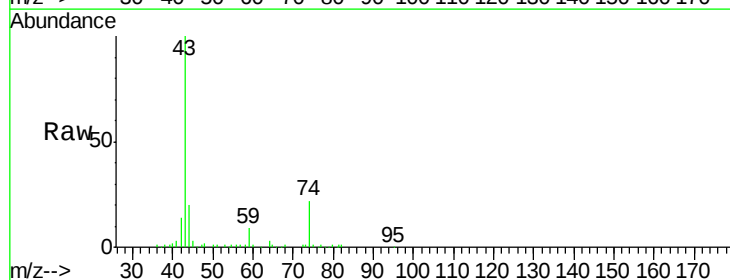
Acq: 15 Jun 2018 02:03

Tgt Ion: 43 Resp: 21811

Ion Ratio Lower Upper

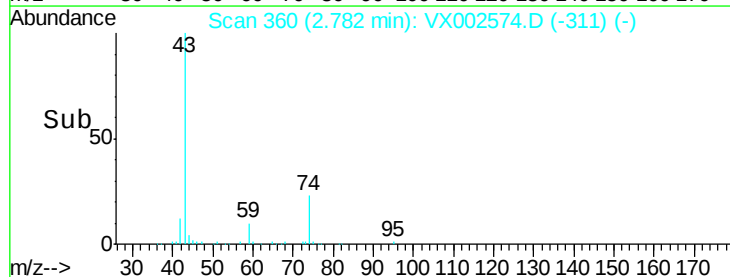
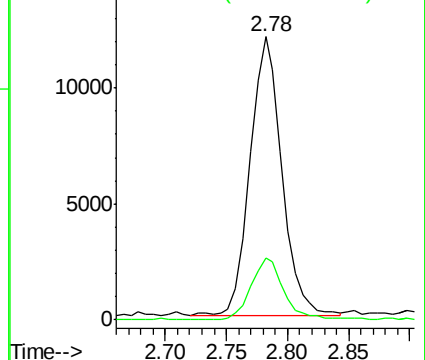
43 100

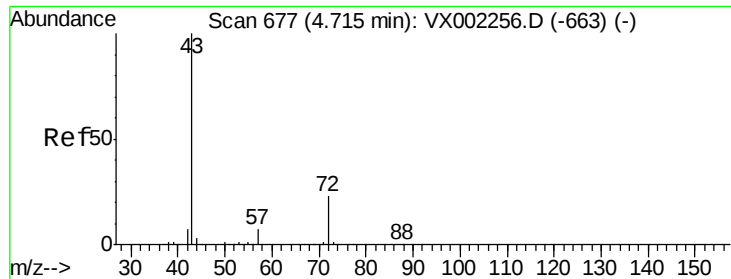
74 22.9 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#25

2-Butanone

Concen: 3.366 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002574.D

Acq: 15 Jun 2018 02:03

Instrument :

MSVOA_X

ClientSampleId :

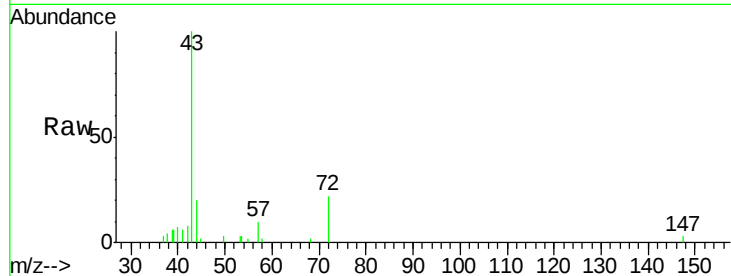
PB110227ZHE#12

Tot Ion: 43 Resp: 7478

Ion Ratio Lower Upper

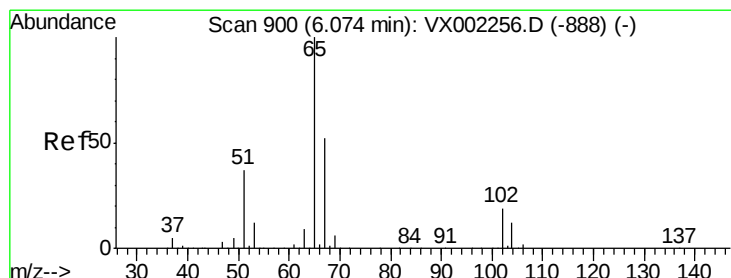
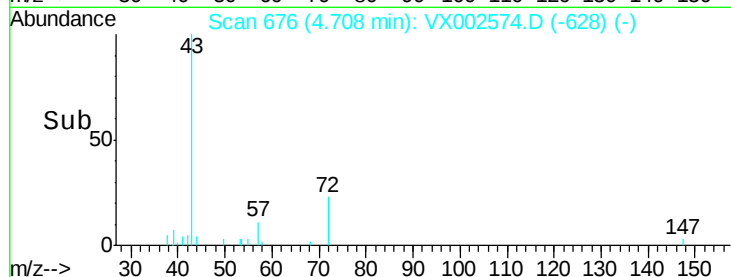
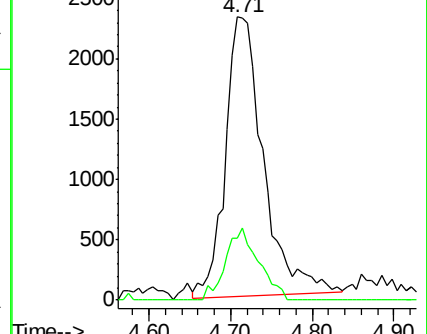
43 100

72 22.6 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.123 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002574.D

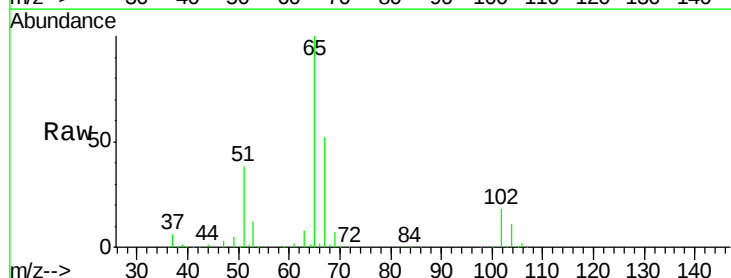
Acq: 15 Jun 2018 02:03

Tgt Ion: 65 Resp: 159362

Ion Ratio Lower Upper

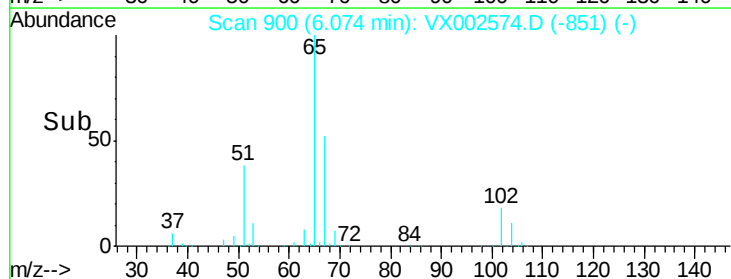
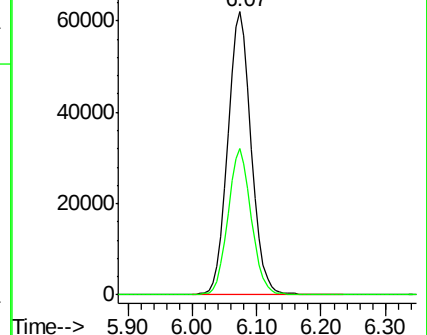
65 100

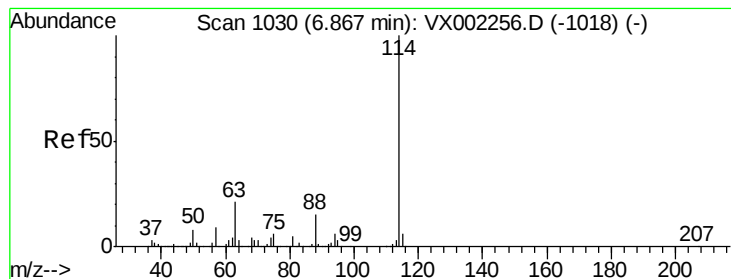
67 51.3 0.0 102.6



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: VX002574.D

Acq: 15 Jun 2018 02:03

Instrument :

MSVOA_X

ClientSampleId :

PB110227ZHE#12

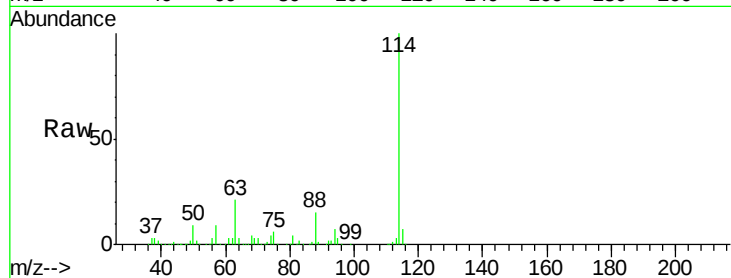
Tot Ion:114 Resp: 329722

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.4

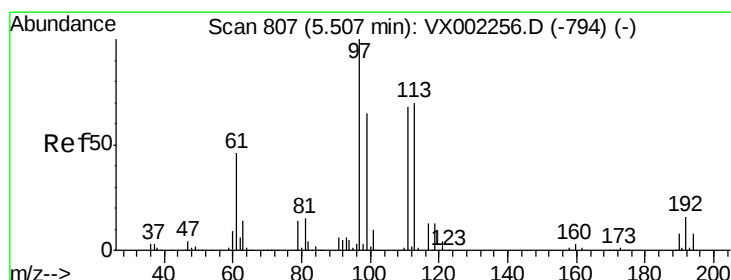
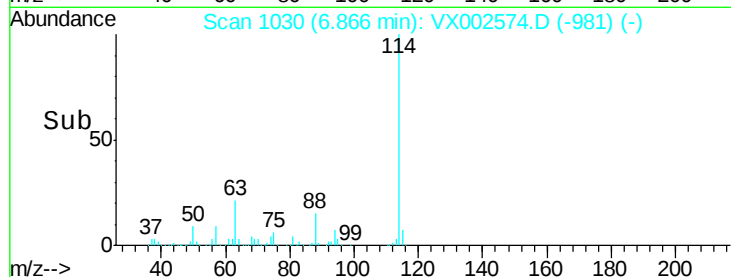
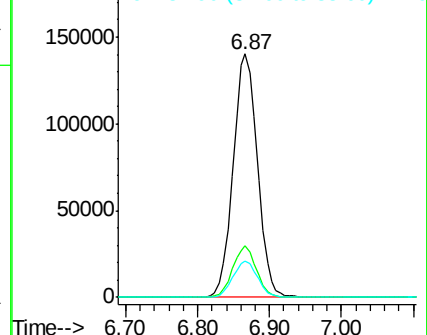
88 14.8 0.0 30.0



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: 45.367 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002574.D

Acq: 15 Jun 2018 02:03

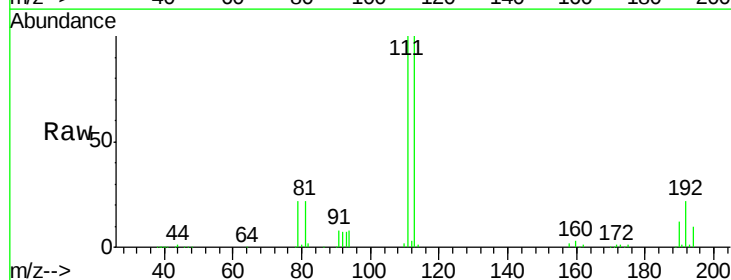
Tgt Ion:113 Resp: 117634

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

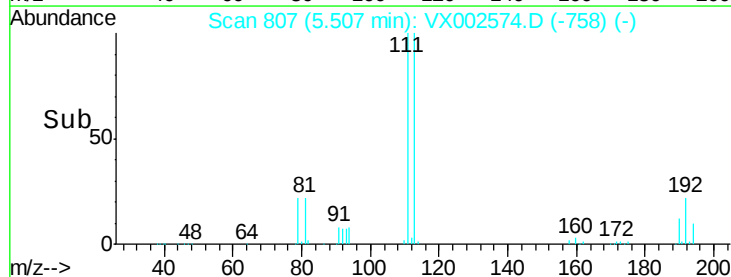
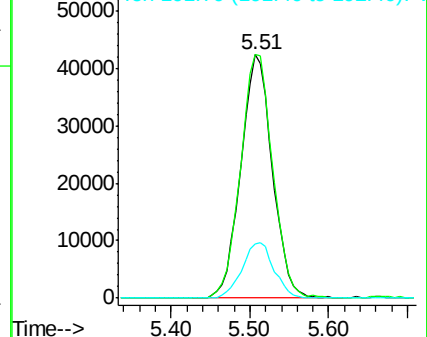
192 23.2 19.1 28.7

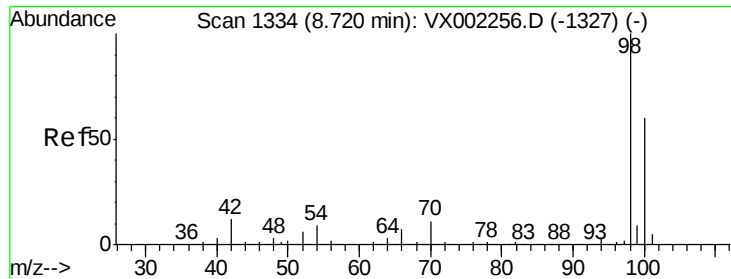


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

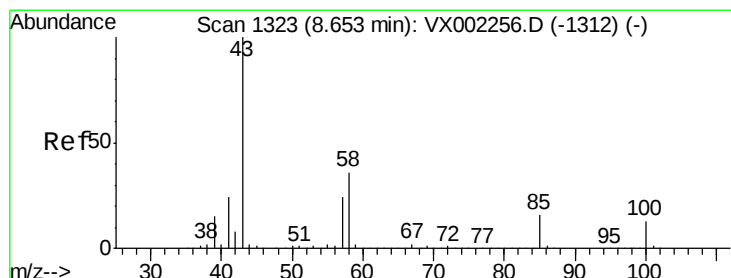
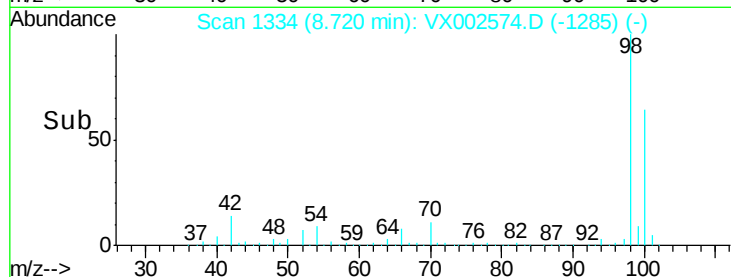
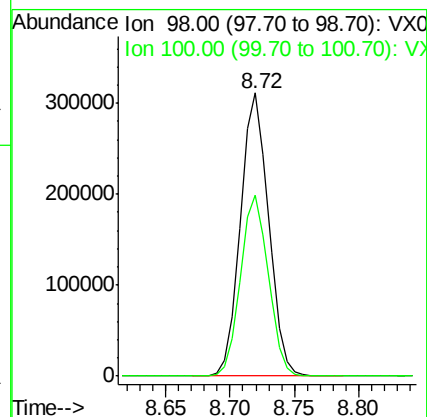
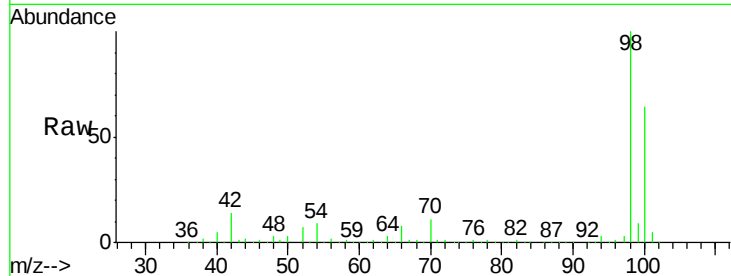




#50
Toluene-d8
Concen: 47.430 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002574.D
Acq: 15 Jun 2018 02:03

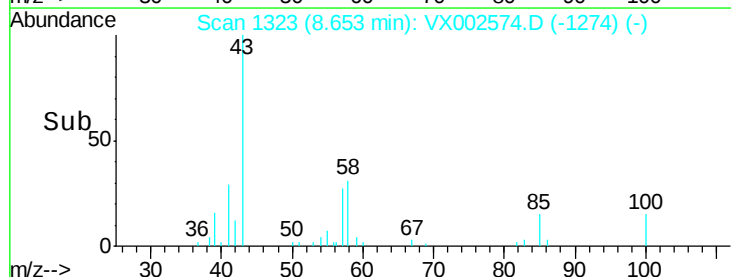
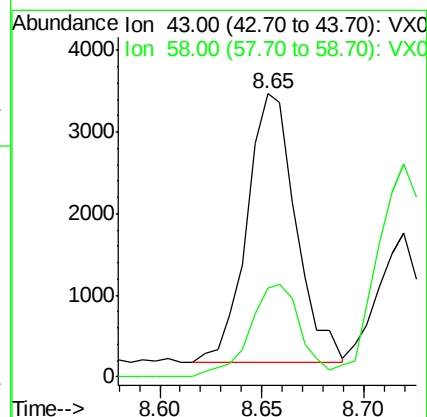
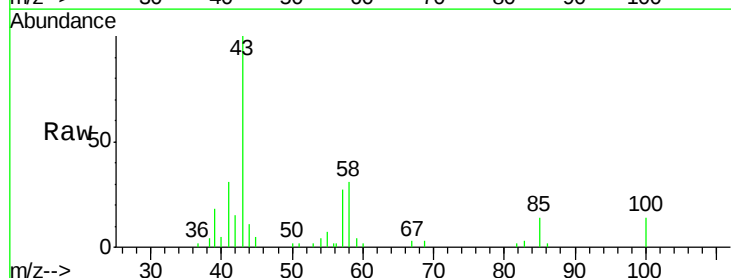
Instrument :
MSVOA_X
ClientSampleId :
PB110227ZHE#12

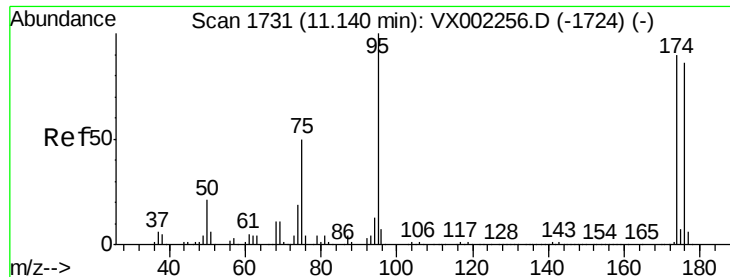
Tot Ion: 98 Resp: 471389
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.250 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX002574.D
Acq: 15 Jun 2018 02:03

Tgt Ion: 43 Resp: 5512
Ion Ratio Lower Upper
43 100
58 35.6 28.6 42.8

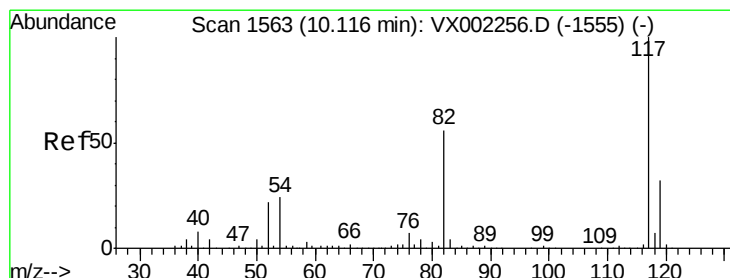
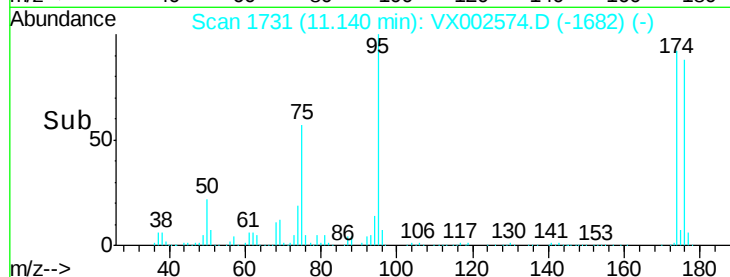
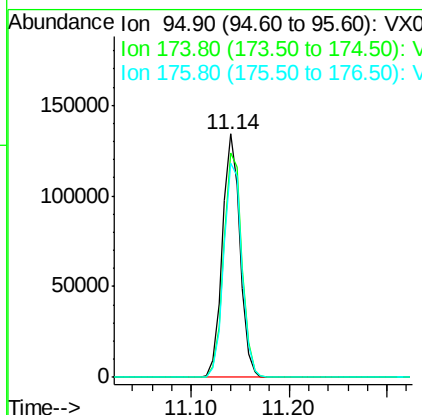
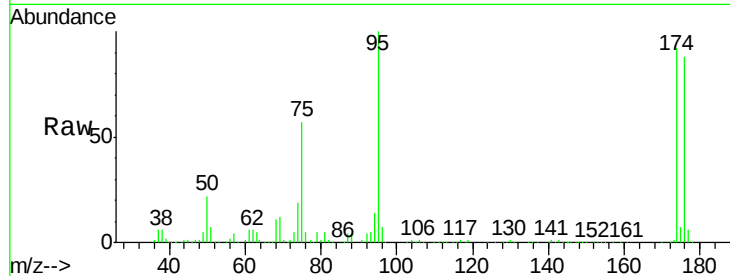




#62
4-Bromofluorobenzene
Concen: 43.545 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002574.D
Acq: 15 Jun 2018 02:03

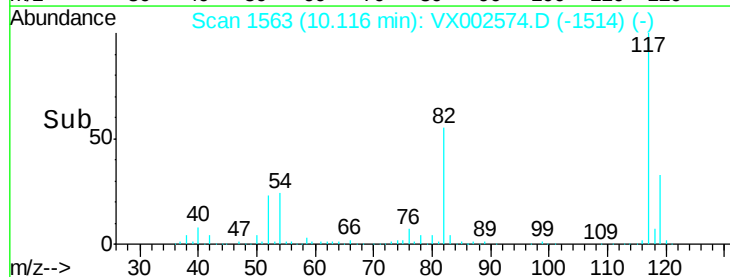
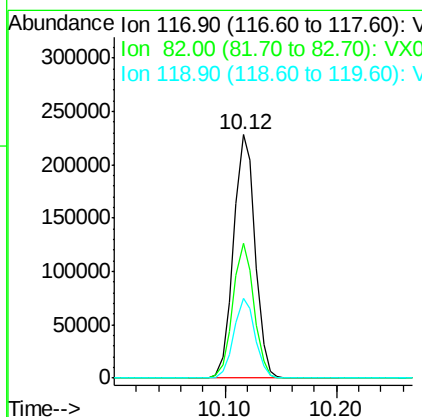
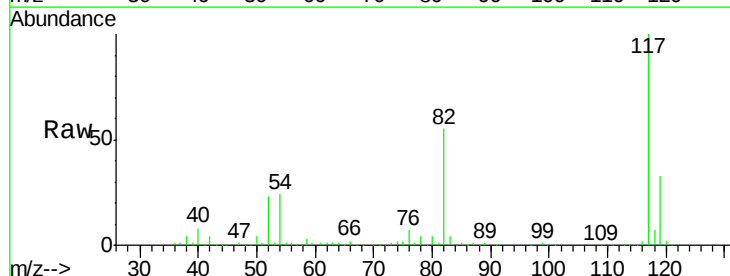
Instrument :
MSVOA_X
ClientSampleId :
PB110227ZHE#12

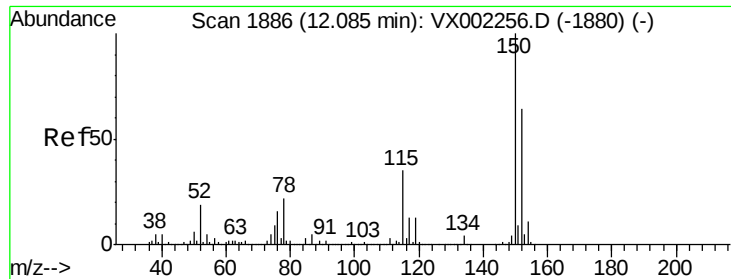
Tot Ion: 95 Resp: 166885
Ion Ratio Lower Upper
95 100
174 95.5 0.0 187.4
176 91.2 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002574.D
Acq: 15 Jun 2018 02:03

Tgt Ion: 117 Resp: 305858
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.4
119 33.0 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002574.D

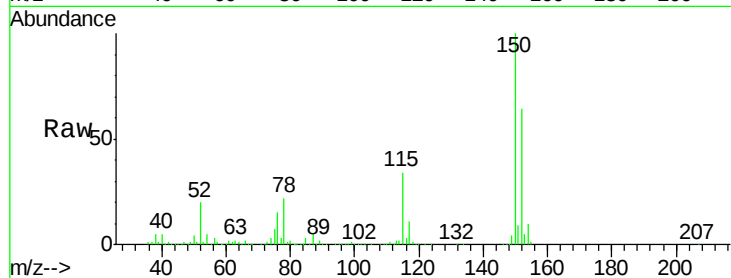
Acq: 15 Jun 2018 02:03

Instrument :

MSVOA_X

ClientSampleId :

PB110227ZHE#12



Tot Ion:152 Resp: 173850

Ion Ratio Lower Upper

152 100

115 55.1 40.1 120.2

150 156.6 0.0 347.2

