

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002572.D
 Acq On : 15 Jun 2018 01:10
 Operator : JC/MD
 Sample : PB110227ZHE#10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110227ZHE#10

Quant Time: Jun 15 03:40:03 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

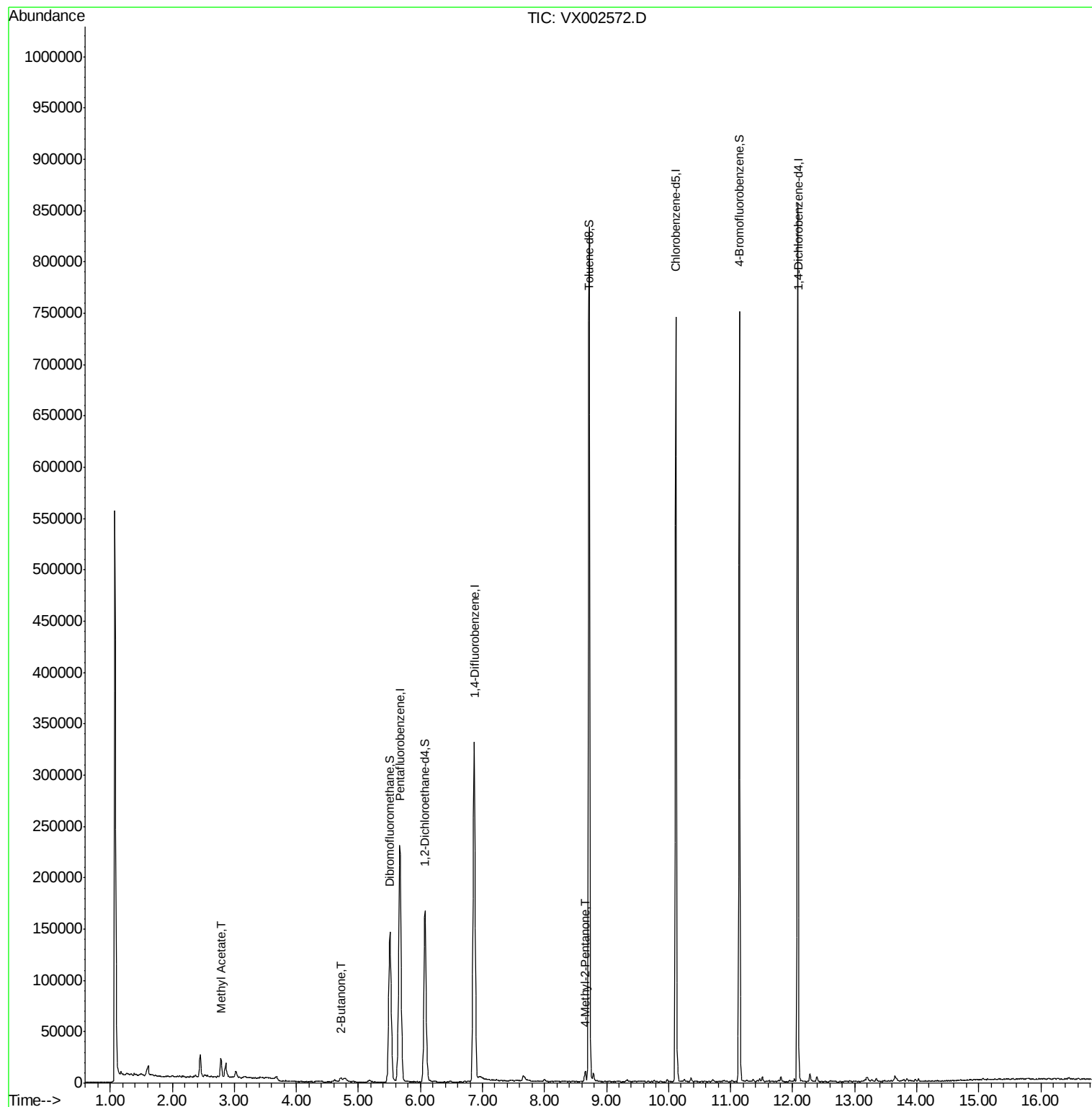
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	324681	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	309674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	179223	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	157422	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
35) Dibromofluoromethane	5.51	113	117521	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.06%	
50) Toluene-d8	8.72	98	470346	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
62) 4-Bromofluorobenzene	11.14	95	169999	45.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.10%	
Target Compounds						
18) Methyl Acetate	2.78	43	21654	4.210	ug/l	97
25) 2-Butanone	4.71	43	7588	3.421	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	5951	1.371	ug/l	93

(#) = 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: VX002572.D

Acq: 15 Jun 2018 01:10

Instrument :

MSVOA_X

ClientSampleId :

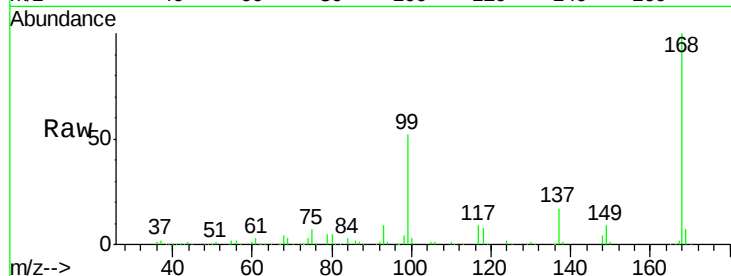
PB110227ZHE#10

Tot Ion:168 Resp: 226212

Ion Ratio Lower Upper

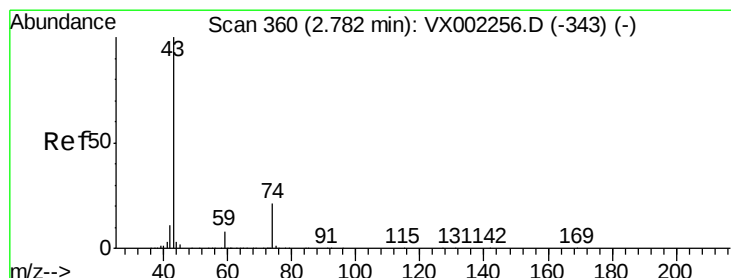
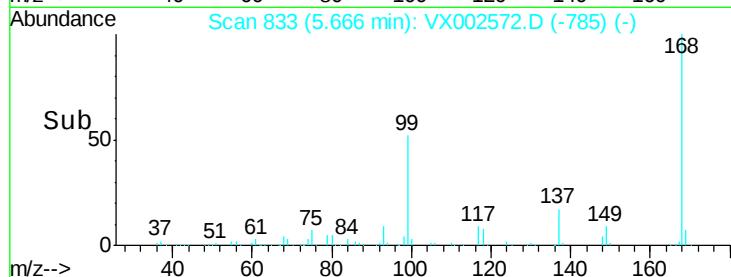
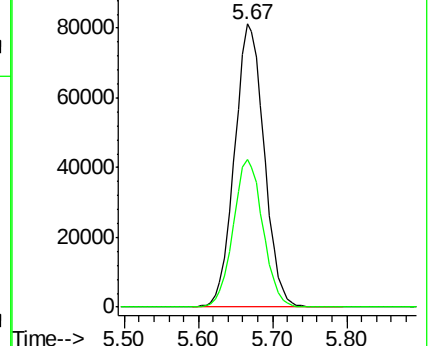
168 100

99 52.2 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: 4.210 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002572.D

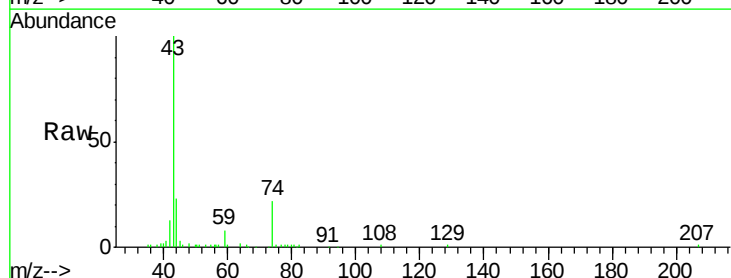
Acq: 15 Jun 2018 01:10

Tgt Ion: 43 Resp: 21654

Ion Ratio Lower Upper

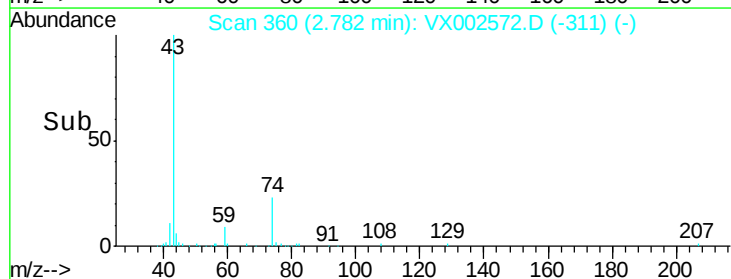
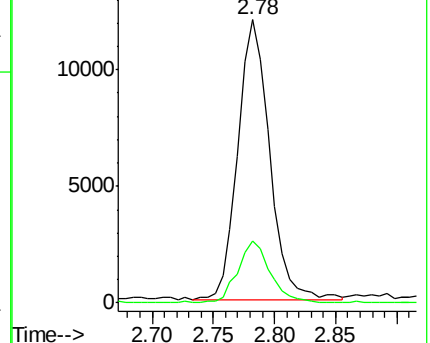
43 100

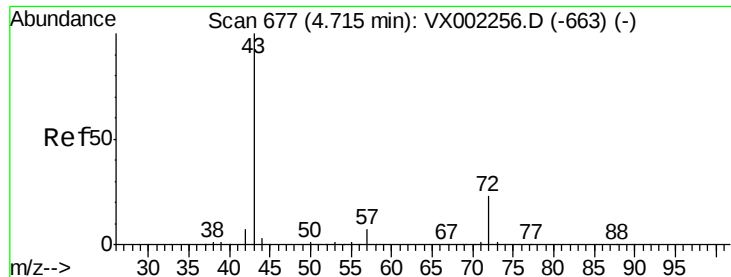
74 22.5 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#25

2-Butanone

Concen: 3.421 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002572.D

Acq: 15 Jun 2018 01:10

Instrument :

MSVOA_X

ClientSampleId :

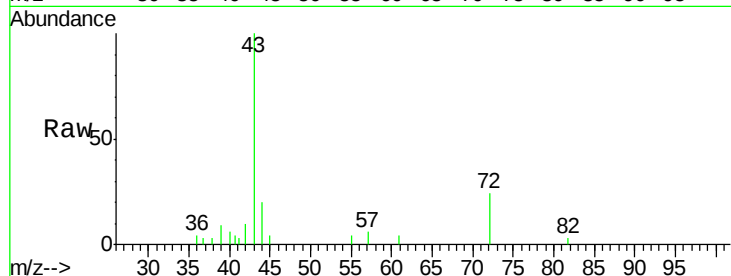
PB110227ZHE#10

Tot Ion: 43 Resp: 7588

Ion Ratio Lower Upper

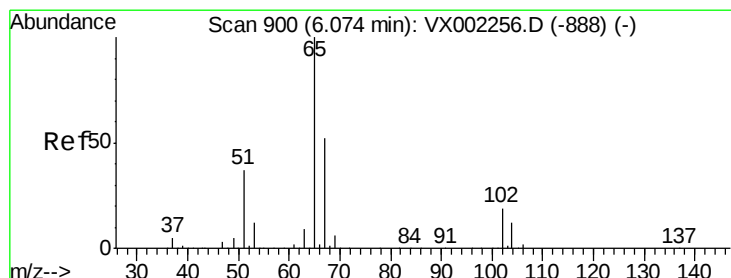
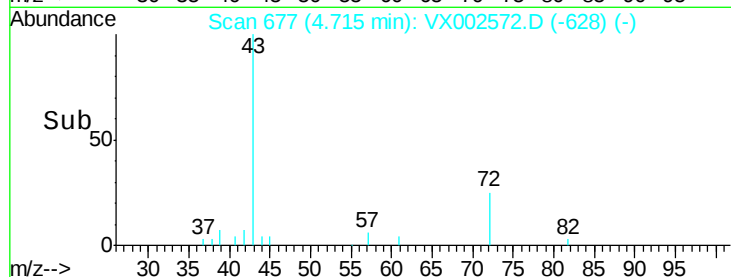
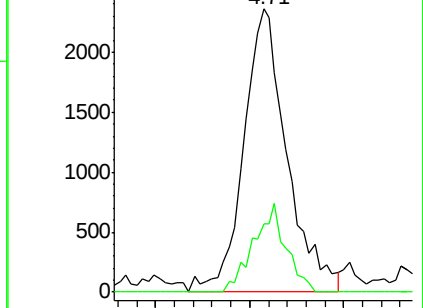
43 100

72 24.1 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: 48.565 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002572.D

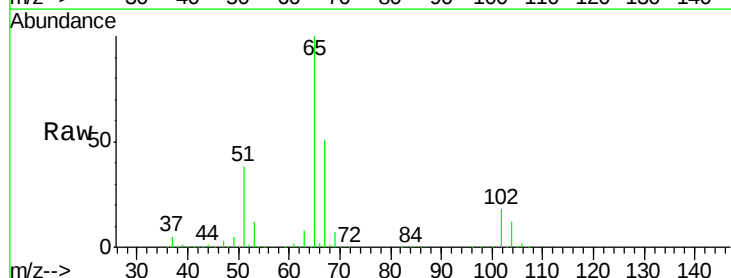
Acq: 15 Jun 2018 01:10

Tgt Ion: 65 Resp: 157422

Ion Ratio Lower Upper

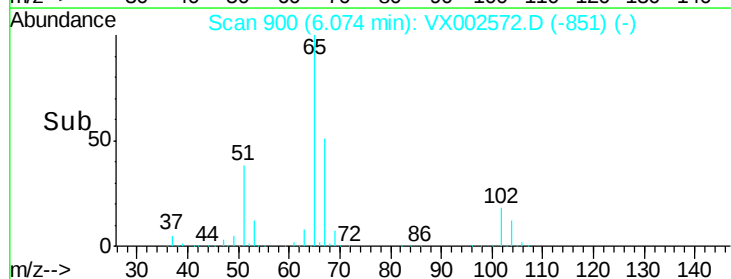
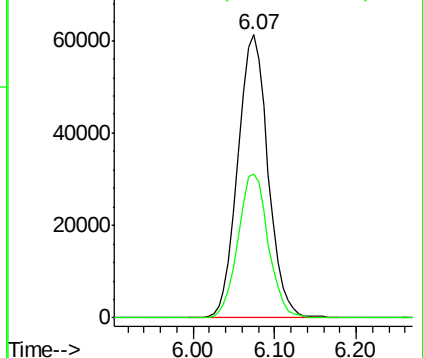
65 100

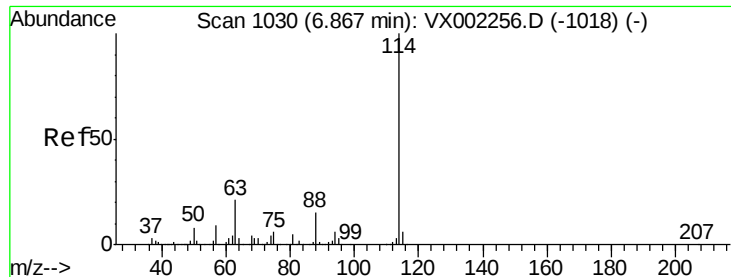
67 51.1 0.0 102.6



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: VX002572.D

Acq: 15 Jun 2018 01:10

Instrument :

MSVOA_X

ClientSampleId :

PB110227ZHE#10

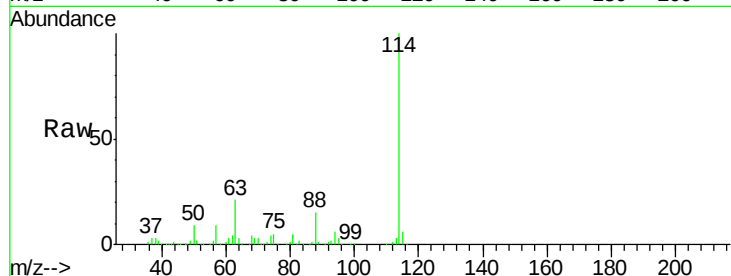
Tot Ion:114 Resp: 324681

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

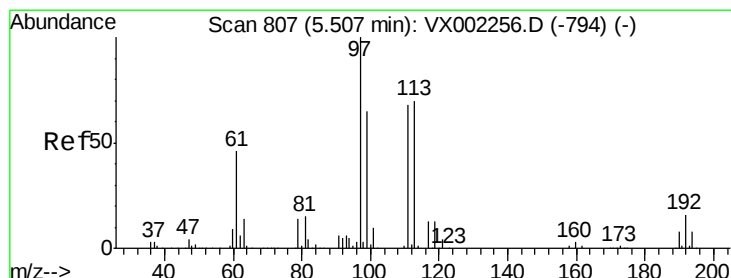
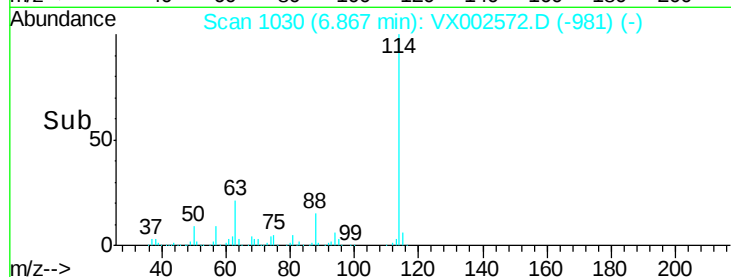
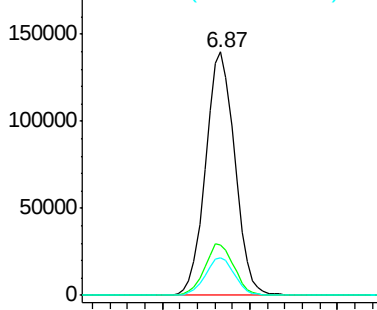
88 15.2 0.0 30.0



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: 46.027 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002572.D

Acq: 15 Jun 2018 01:10

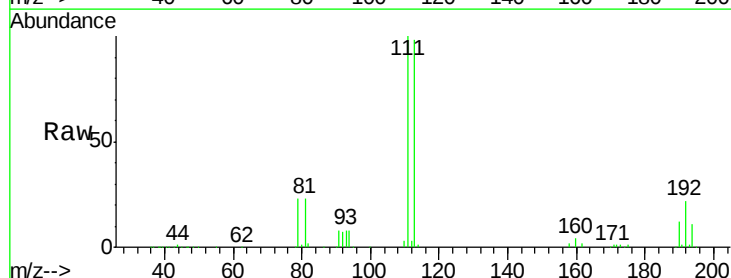
Tgt Ion:113 Resp: 117521

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

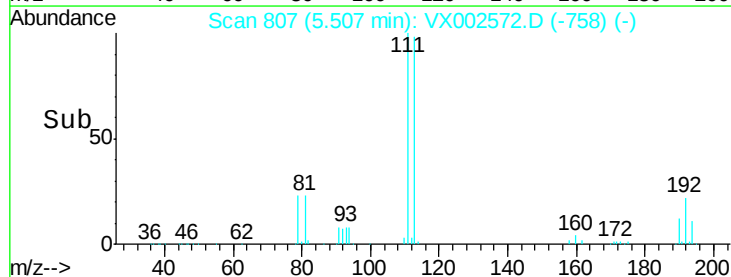
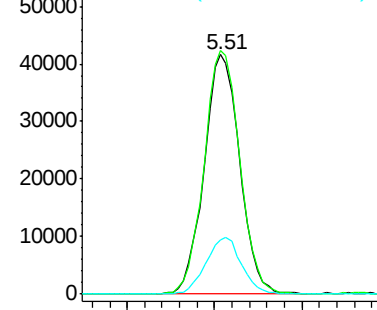
192 23.6 19.1 28.7

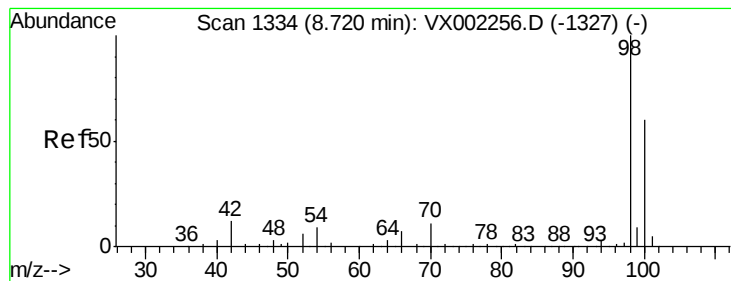


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.060 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002572.D

Acq: 15 Jun 2018 01:10

Instrument :

MSVOA_X

ClientSampleId :

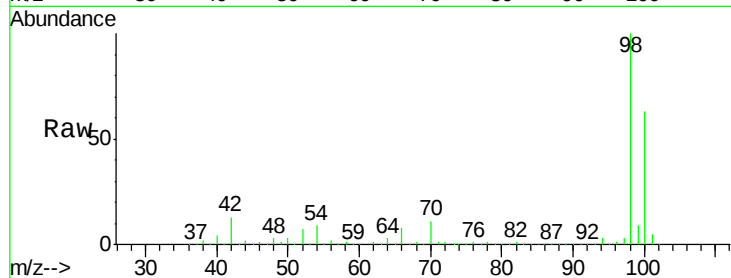
PB110227ZHE#10

Tot Ion: 98 Resp: 470346

Ion Ratio Lower Upper

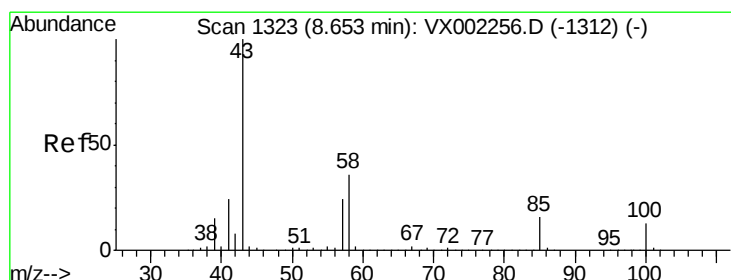
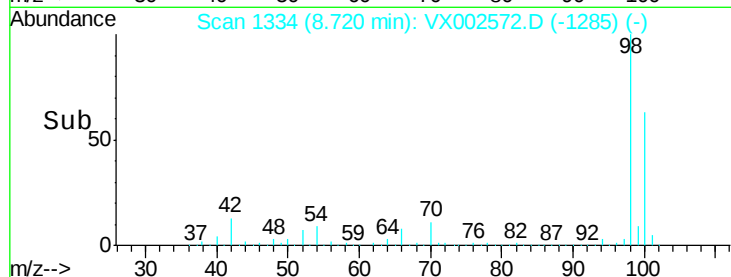
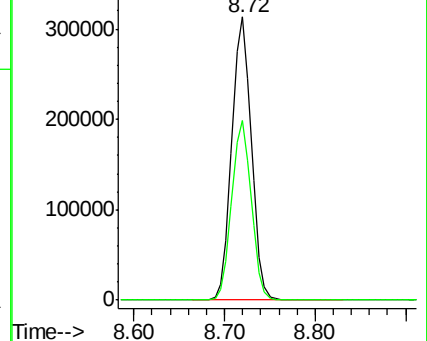
98 100

100 63.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 1.371 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX002572.D

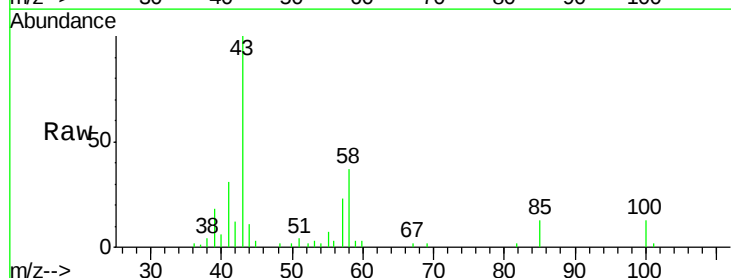
Acq: 15 Jun 2018 01:10

Tgt Ion: 43 Resp: 5951

Ion Ratio Lower Upper

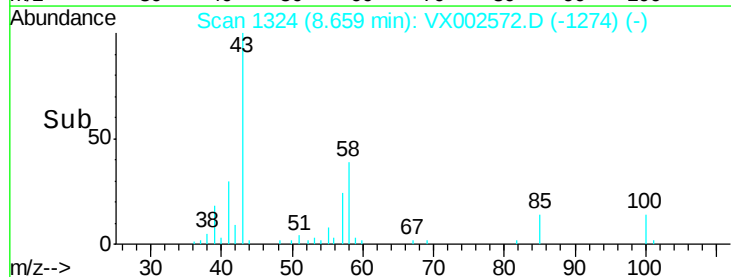
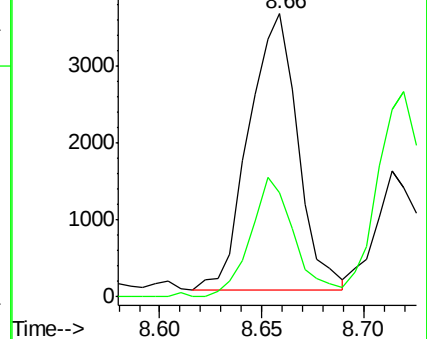
43 100

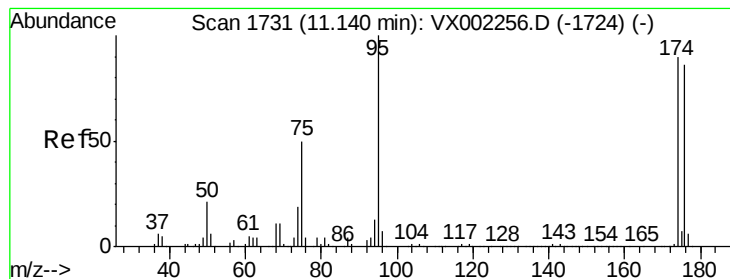
58 39.7 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.046 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002572.D

Acq: 15 Jun 2018 01:10

Instrument :

MSVOA_X

ClientSampleId :

PB110227ZHE#10

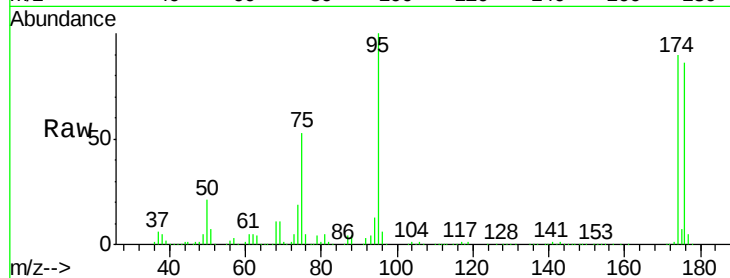
Tot Ion: 95 Resp: 169999

Ion Ratio Lower Upper

95 100

174 94.9 0.0 187.4

176 91.3 0.0 181.0

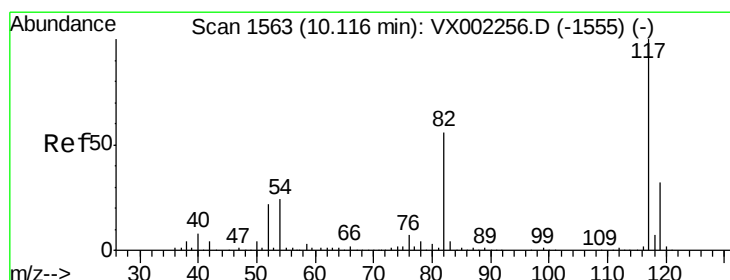
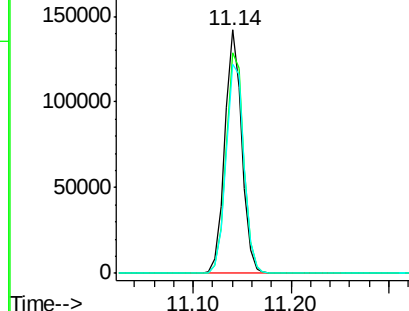
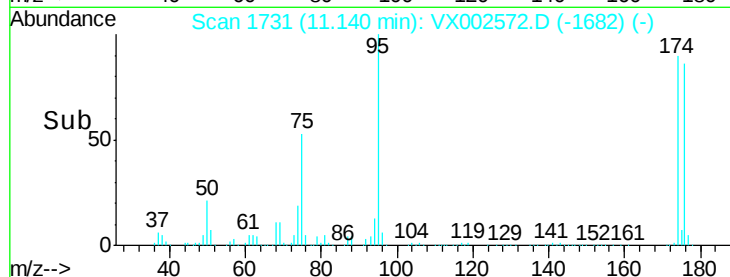


Abundance Ion 94.90 (94.60 to 95.60): VX002256.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002256.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002256.D (-1724) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002572.D

Acq: 15 Jun 2018 01:10

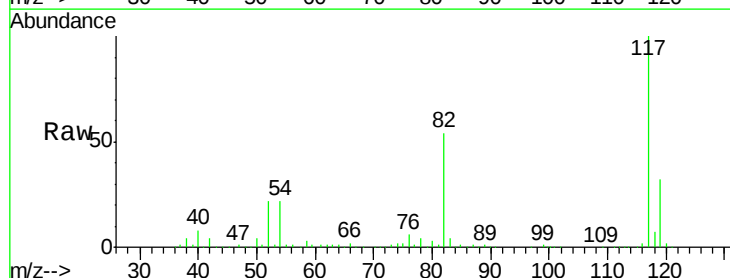
Tgt Ion: 117 Resp: 309674

Ion Ratio Lower Upper

117 100

82 54.5 45.0 67.4

119 32.3 25.8 38.6

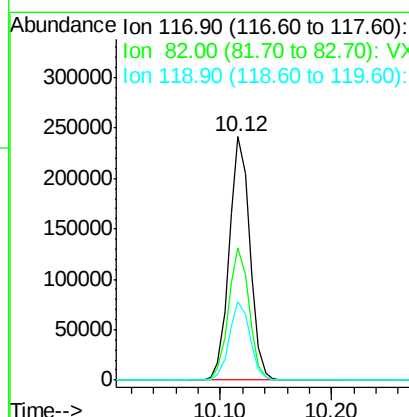
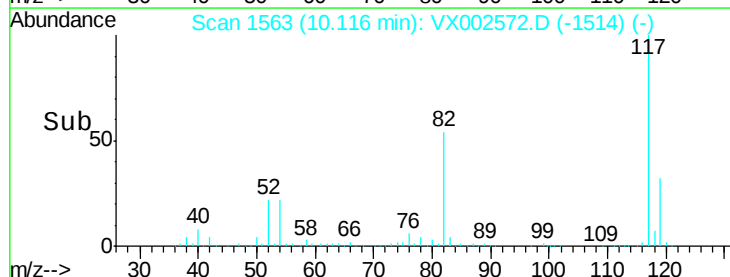


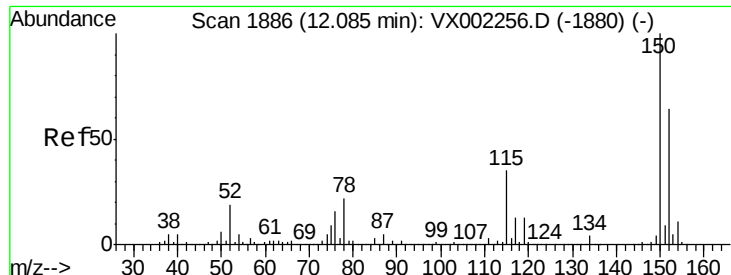
Abundance Ion 116.90 (116.60 to 117.60): VX002256.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX002256.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX002256.D (-1555) (-)

Time-->





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX002572.D
 Acq: 15 Jun 2018 01:10

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110227ZHE#10

Tot Ion:152 Resp: 179223
 Ion Ratio Lower Upper
 152 100
 115 55.2 40.1 120.2
 150 156.5 0.0 347.2

