

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003062.D
 Acq On : 30 Jun 2018 06:28
 Operator : JC/MD
 Sample : J3675-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0214

Quant Time: Jun 30 10:27:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

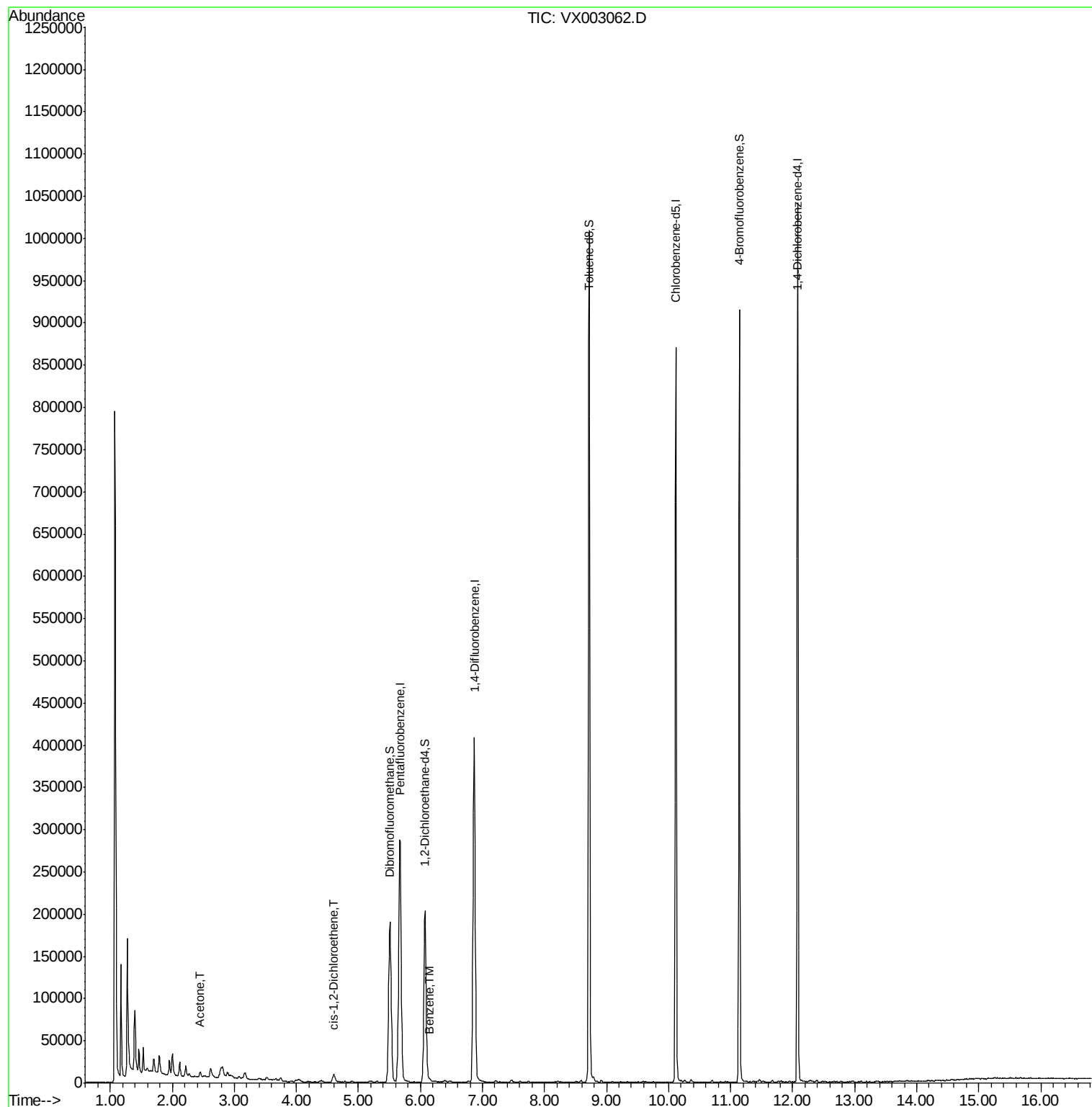
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	296584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	415732	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	397186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	226744	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	194823	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
35) Dibromofluoromethane	5.51	113	157261	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	
50) Toluene-d8	8.72	98	586436	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	11.14	95	212410	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.62%	
Target Compounds						
16) Acetone	2.45	43	6650	3.92	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	4459	1.25	ug/l	50
40) Benzene	6.15	78	3333	0.25	ug/l	93

(#) = 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. 0.01 min

Lab File: VX003062.D

Acq: 30 Jun 2018 06:28

Instrument :

MSVOA_X

ClientSampleId :

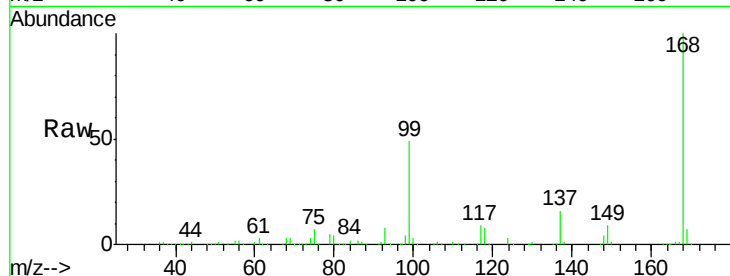
S73-0214

Tot Ion:168 Resp: 296584

Ion Ratio Lower Upper

168 100

99 48.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

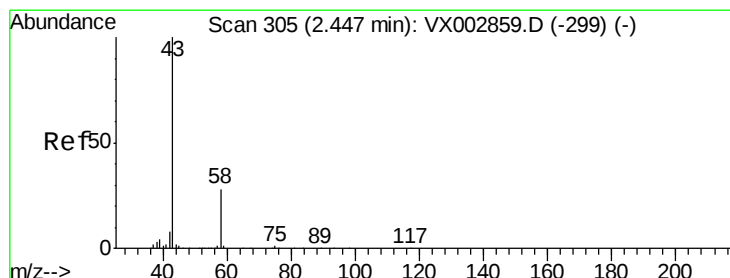
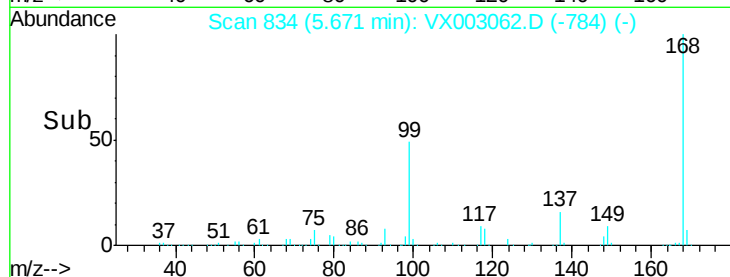
40000

20000

0

Time-->

5.60 5.70 5.80



#16

Acetone

Concen: 3.92 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003062.D

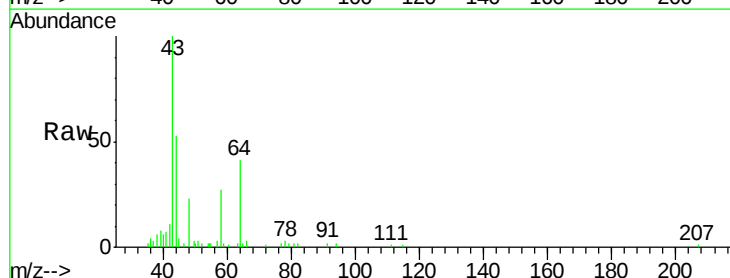
Acq: 30 Jun 2018 06:28

Tgt Ion: 43 Resp: 6650

Ion Ratio Lower Upper

43 100

58 28.4 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

4000

3000

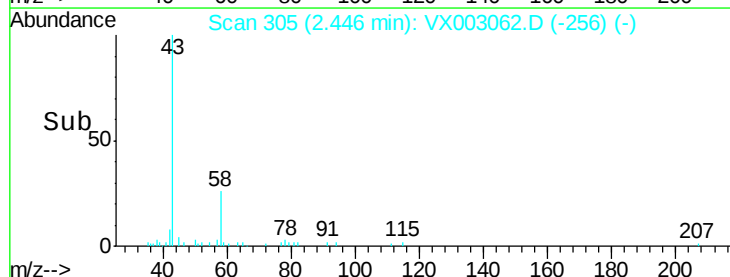
2000

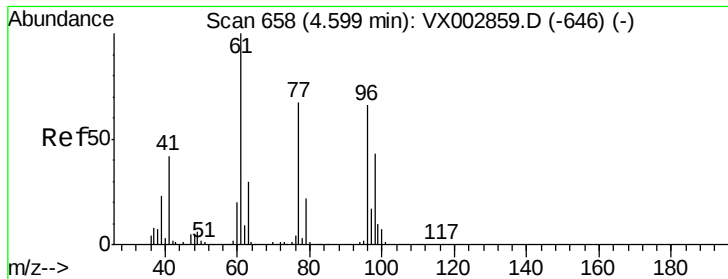
1000

0

Time-->

2.40 2.45 2.50





#27

cis-1,2-Dichloroethene

Concen: 1.25 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003062.D

Acq: 30 Jun 2018 06:28

Instrument :

MSVOA_X

ClientSampleId :

S73-0214

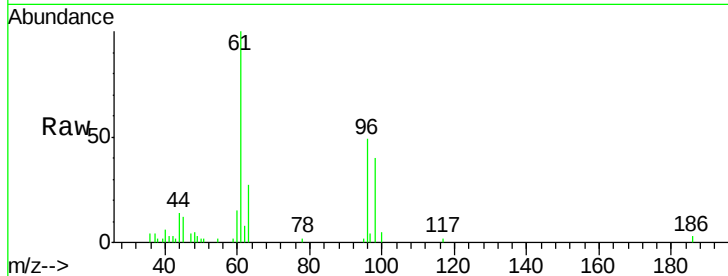
Tot Ion: 96 Resp: 4459

Ion Ratio Lower Upper

96 100

61 257.0 0.0 330.2

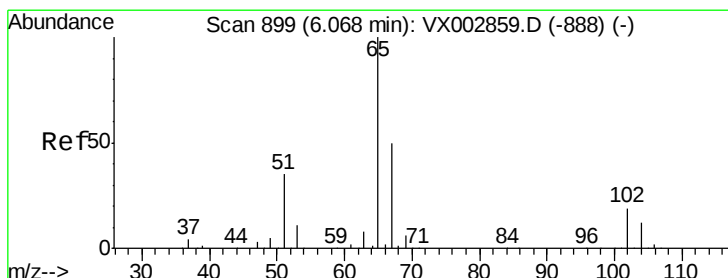
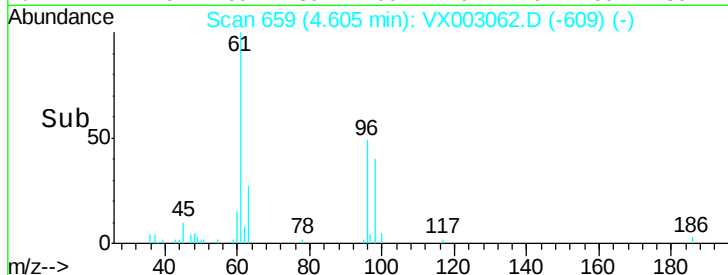
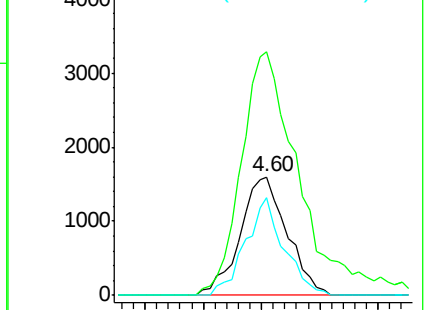
98 67.3 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.52 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003062.D

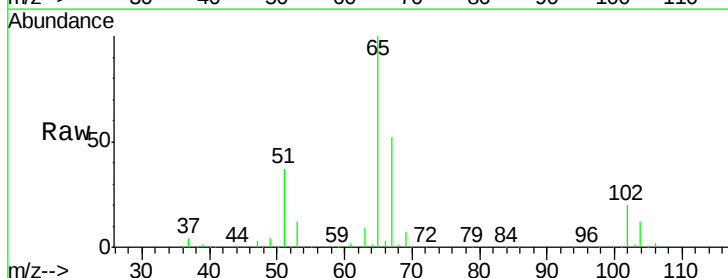
Acq: 30 Jun 2018 06:28

Tgt Ion: 65 Resp: 194823

Ion Ratio Lower Upper

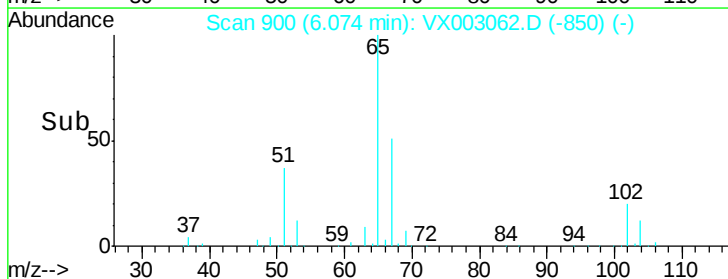
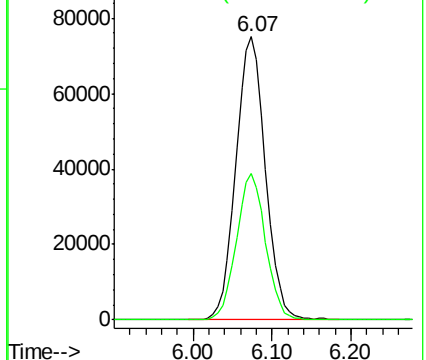
65 100

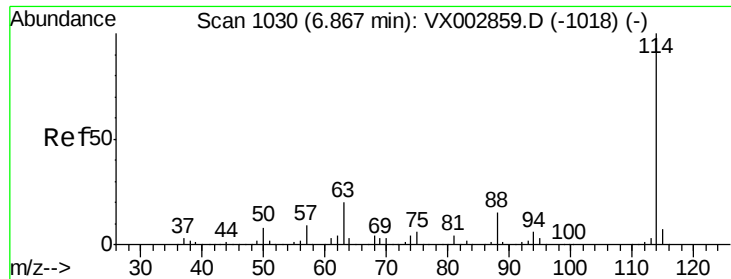
67 51.1 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

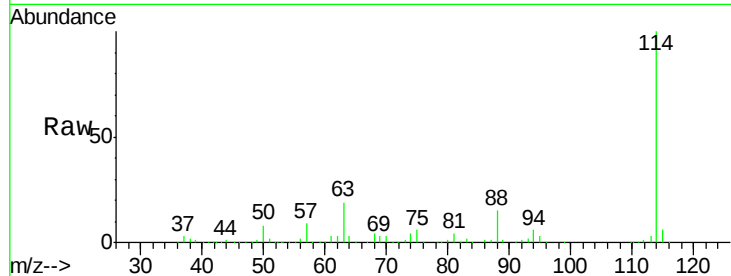




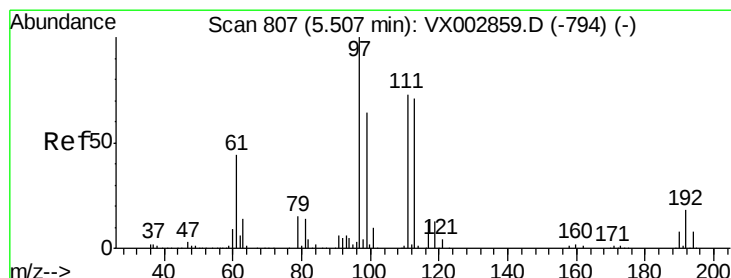
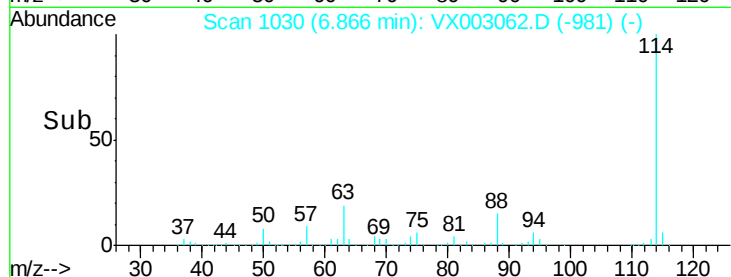
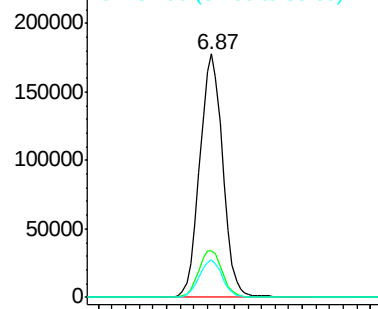
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003062.D
 Acq: 30 Jun 2018 06:28

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0214

Tot Ion:114 Resp: 415732
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.4
 88 15.2 0.0 30.0

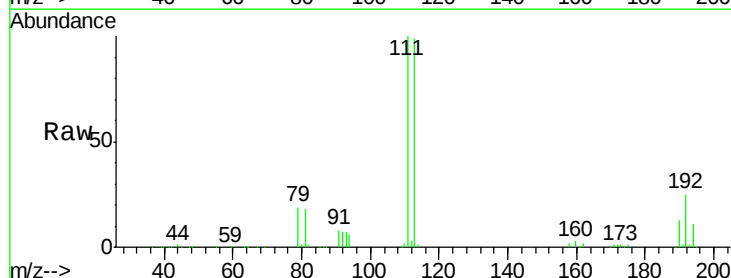


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

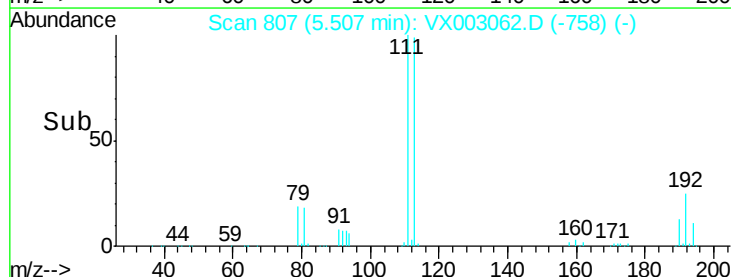
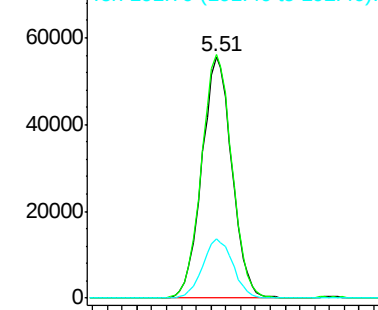


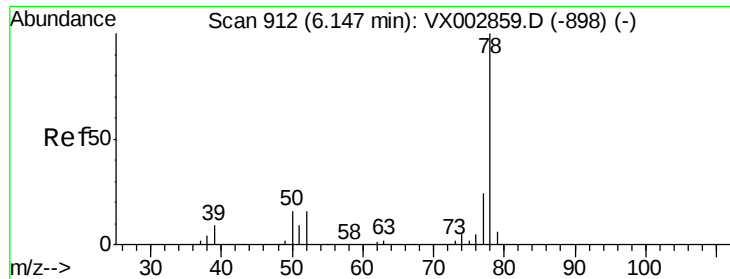
#35
 Dibromofluoromethane
 Concen: 47.77 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003062.D
 Acq: 30 Jun 2018 06:28

Tgt Ion:113 Resp: 157261
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.4 122.0
 192 24.8 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





#40

Benzene

Concen: 0.25 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX003062.D

Acq: 30 Jun 2018 06:28

Instrument :

MSVOA_X

ClientSampled :

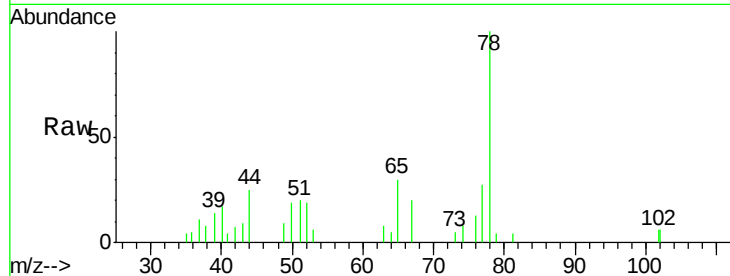
S73-0214

Tot Ion: 78 Resp: 3333

Ion Ratio Lower Upper

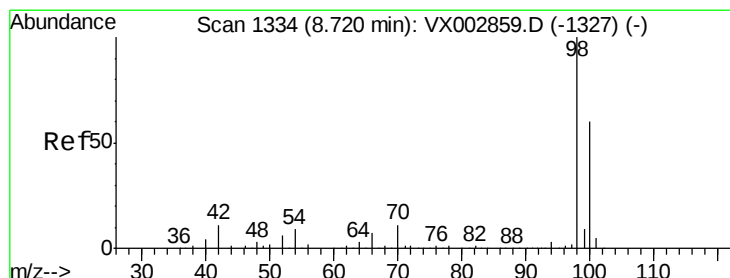
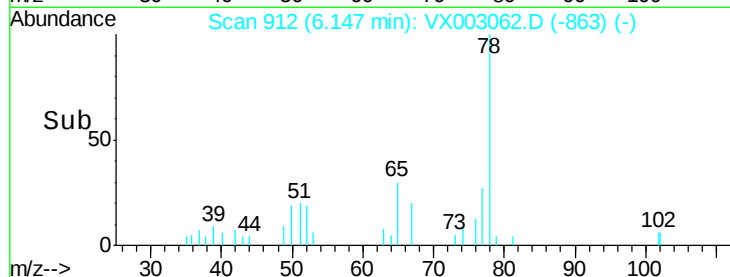
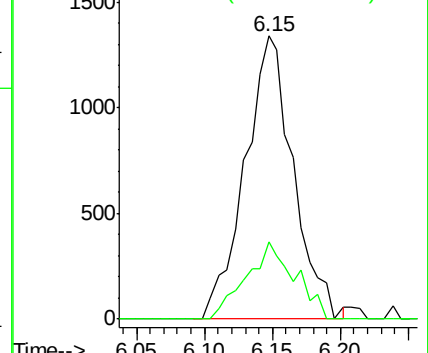
78 100

77 27.5 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 48.78 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003062.D

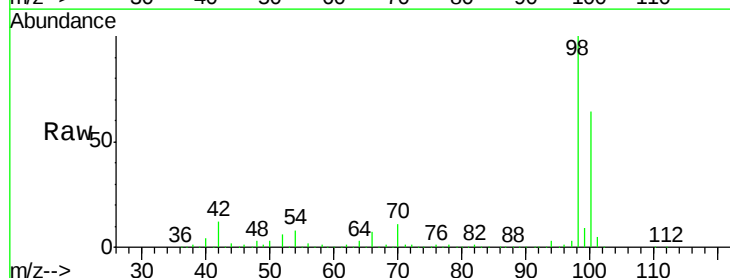
Acq: 30 Jun 2018 06:28

Tgt Ion: 98 Resp: 586436

Ion Ratio Lower Upper

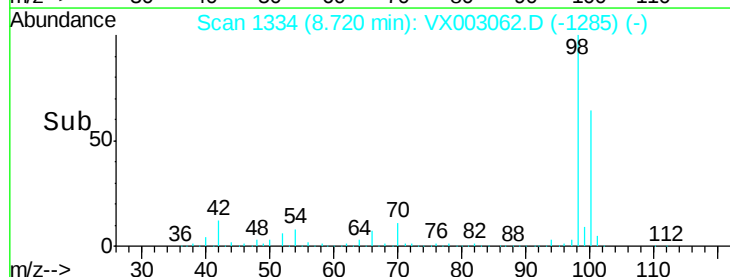
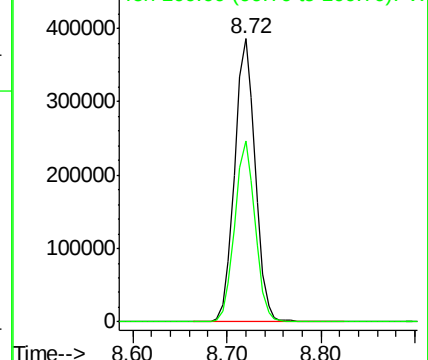
98 100

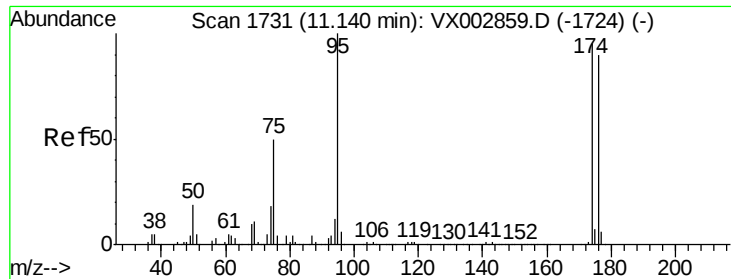
100 63.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

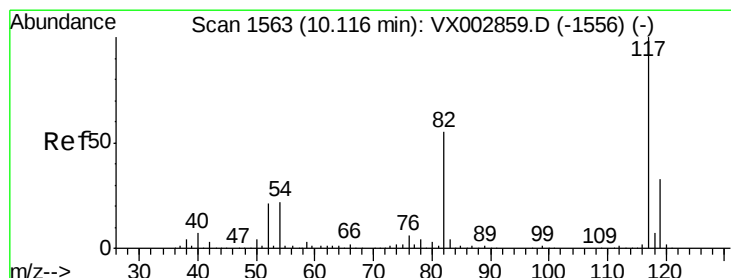
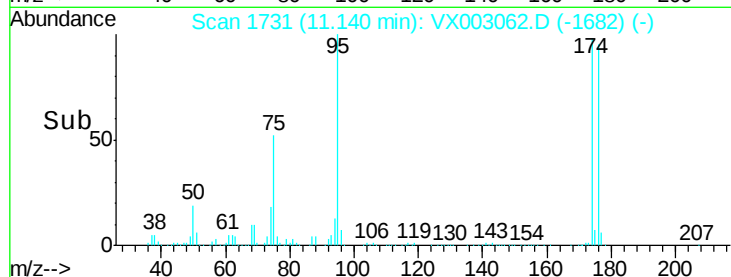
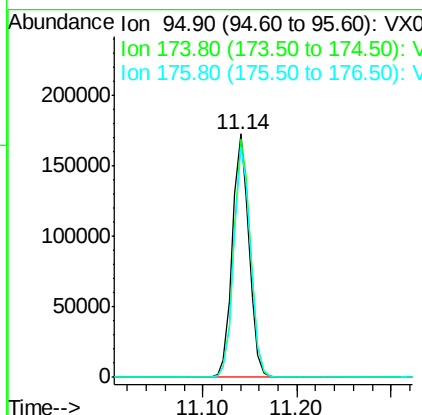
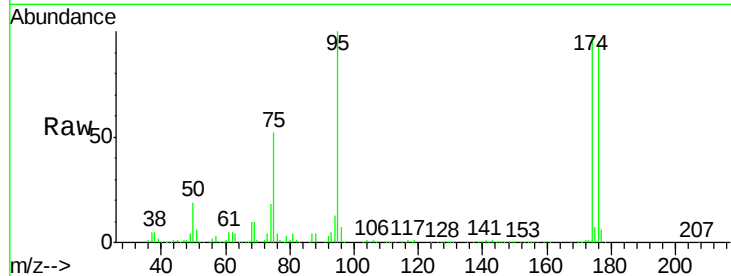




#62
4-Bromofluorobenzene
Concen: 45.81 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003062.D
Acq: 30 Jun 2018 06:28

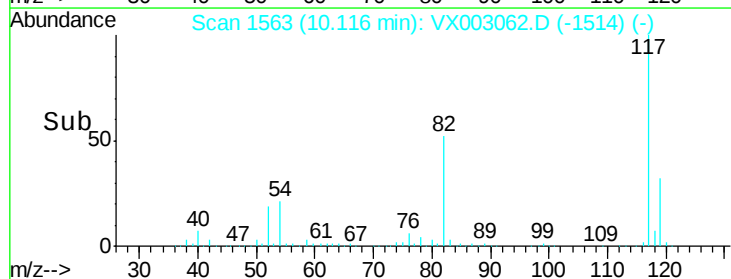
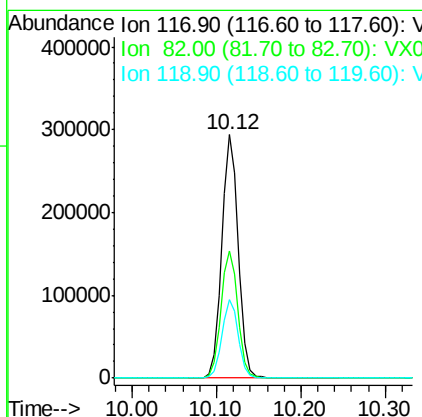
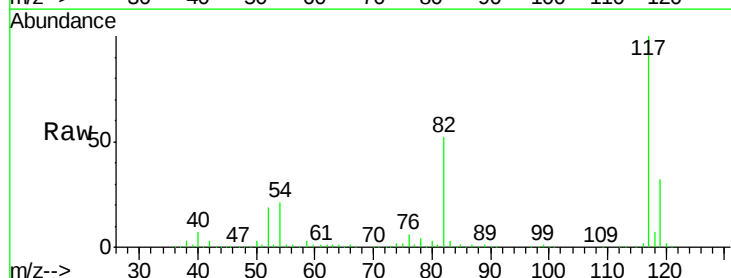
Instrument :
MSVOA_X
ClientSampled :
S73-0214

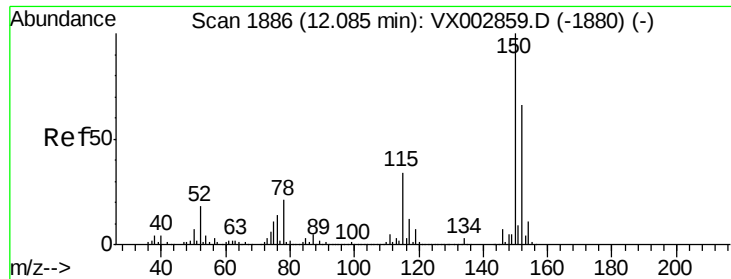
Tot Ion: 95 Resp: 212410
Ion Ratio Lower Upper
95 100
174 97.7 0.0 187.4
176 94.7 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003062.D
Acq: 30 Jun 2018 06:28

Tgt Ion: 117 Resp: 397186
Ion Ratio Lower Upper
117 100
82 52.4 45.0 67.4
119 32.2 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX003062.D

Acq: 30 Jun 2018 06:28

Instrument :

MSVOA_X

ClientSampleId :

S73-0214

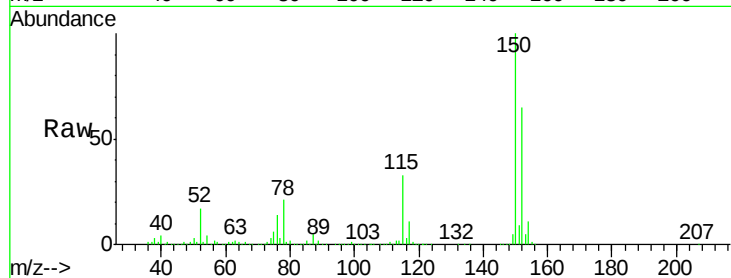
Tot Ion:152 Resp: 226744

Ion Ratio Lower Upper

152 100

115 53.0 40.1 120.2

150 154.3 0.0 347.2



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

