

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002971.D
 Acq On : 28 Jun 2018 07:31
 Operator : JC/MD
 Sample : J3691-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-11

Quant Time: Jun 28 08:00:40 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

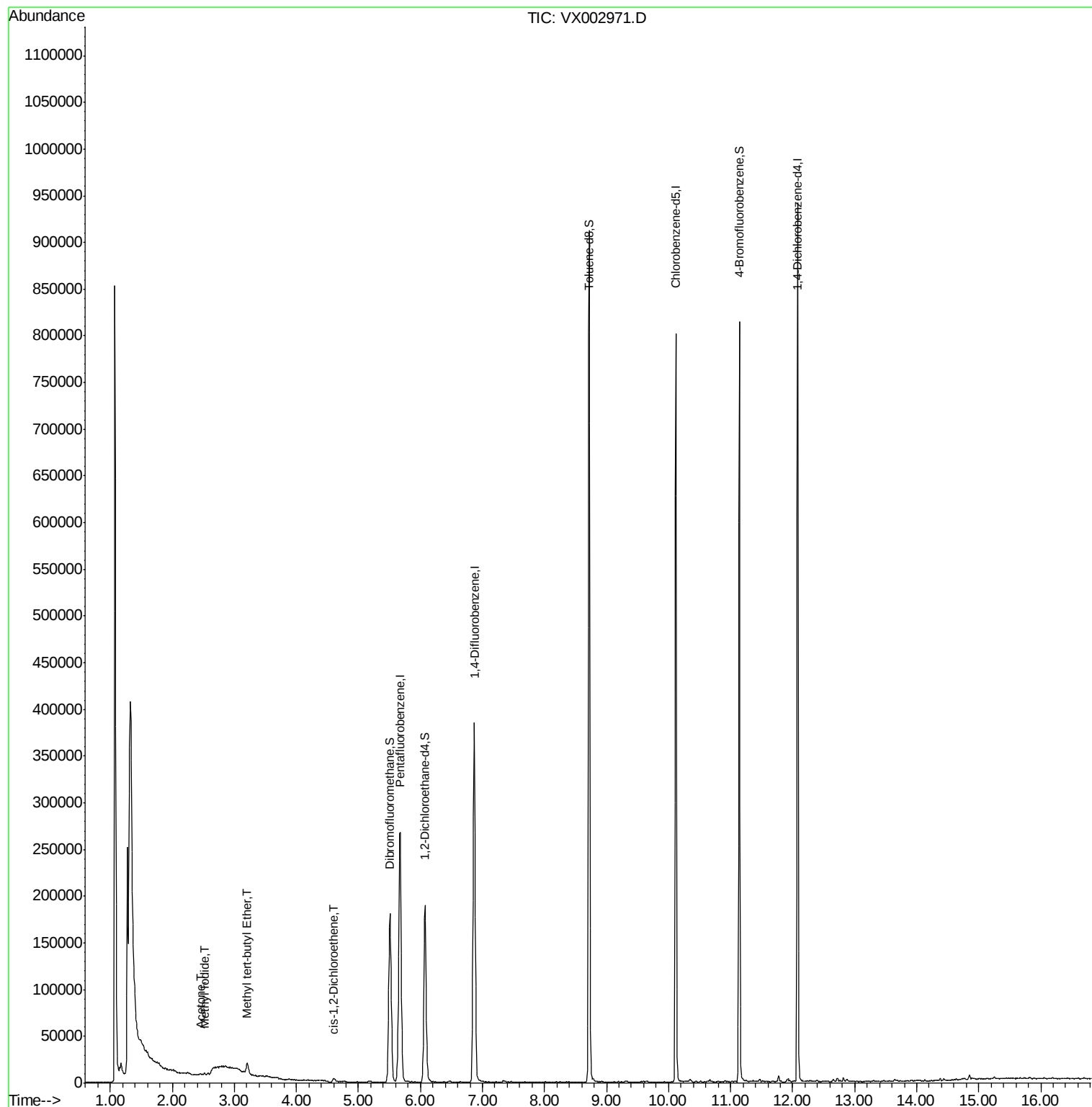
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	271449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	378803	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	350342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201319	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	180451	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
35) Dibromofluoromethane	5.51	113	147394	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
50) Toluene-d8	8.72	98	528999	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.58%	
62) 4-Bromofluorobenzene	11.14	95	188571	44.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.28%	
Target Compounds						
10) Methyl Iodide	2.51	142	2391	6.91	ug/l	96
16) Acetone	2.45	43	1905	1.23	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	11908	1.24	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	1114	0.34	ug/l #	1

(#) = 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: VX002971.D

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Instrument :

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ClientSampleId :

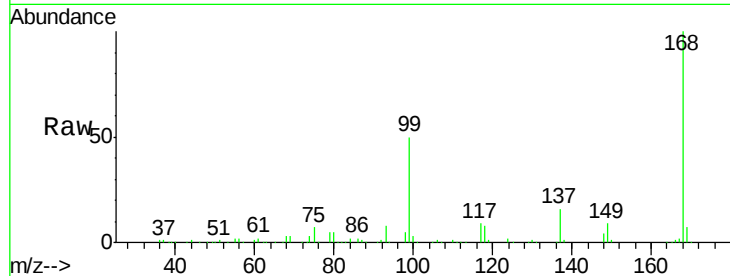
W-11

Tot Ion:168 Resp: 271449

Ion Ratio Lower Upper

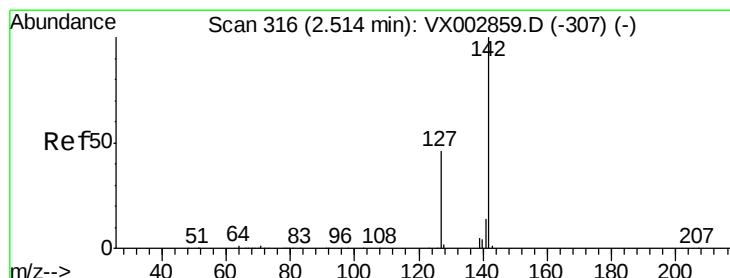
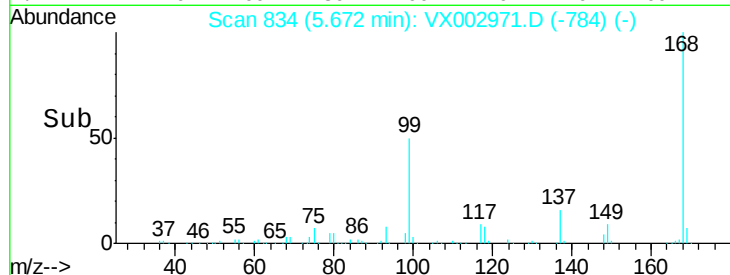
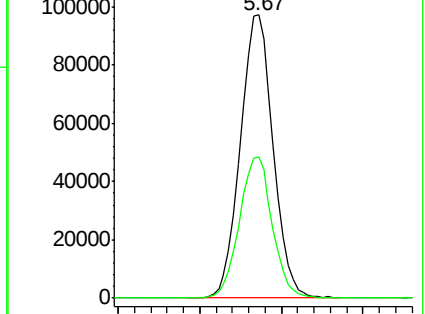
168 100

99 50.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 6.91 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002971.D

Acq: 28 Jun 2018 07:31

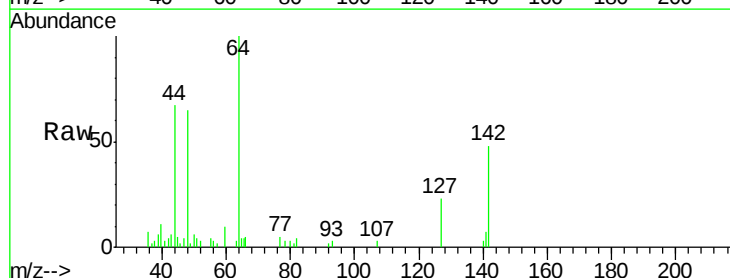
Tgt Ion:142 Resp: 2391

Ion Ratio Lower Upper

142 100

127 48.6 36.6 55.0

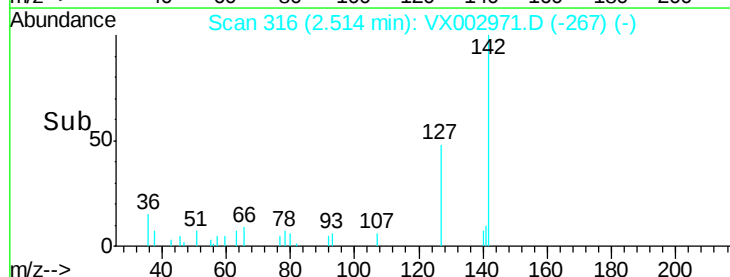
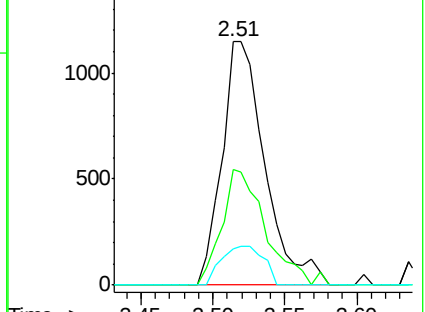
141 15.6 11.3 16.9

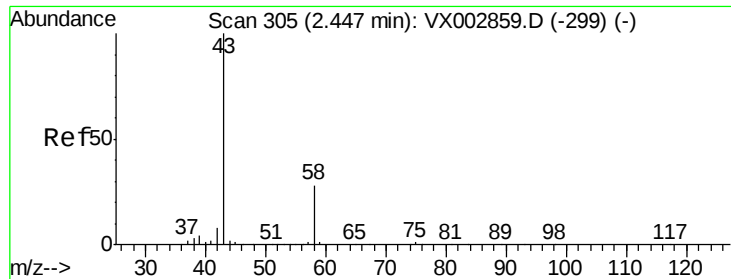


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 1.23 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX002971.D

Acq: 28 Jun 2018 07:31

Instrument :

MSVOA_X

ClientSampled :

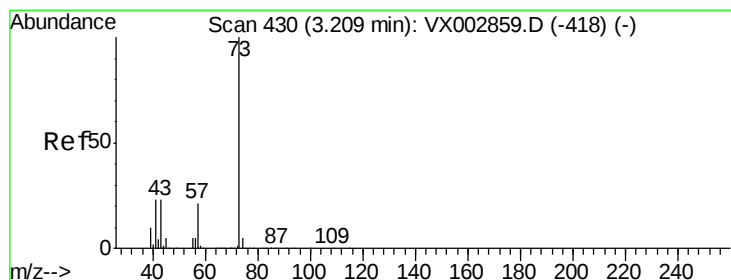
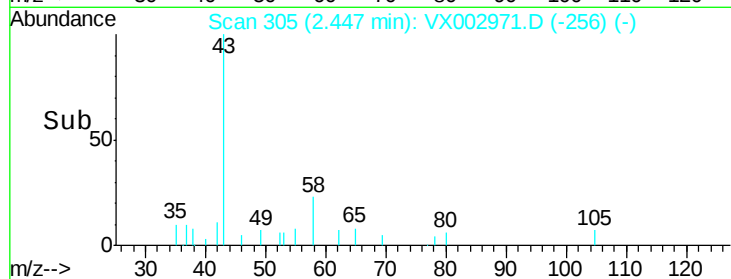
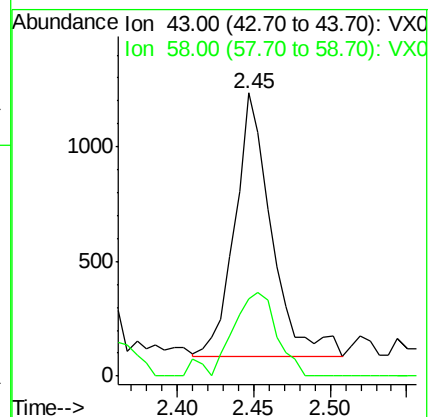
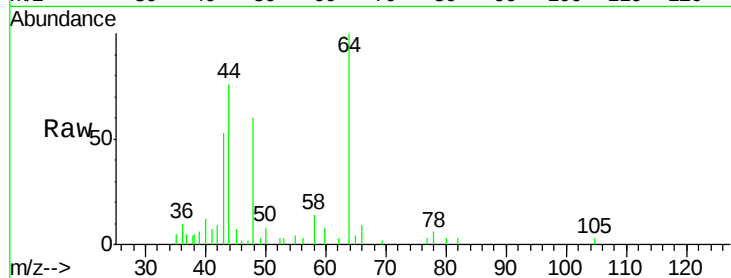
W-11

Tot Ion: 43 Resp: 1905

Ion Ratio Lower Upper

43 100

58 29.2 22.1 33.1



#19

Methyl tert-butyl Ether

Concen: 1.24 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.00 min

Lab File: VX002971.D

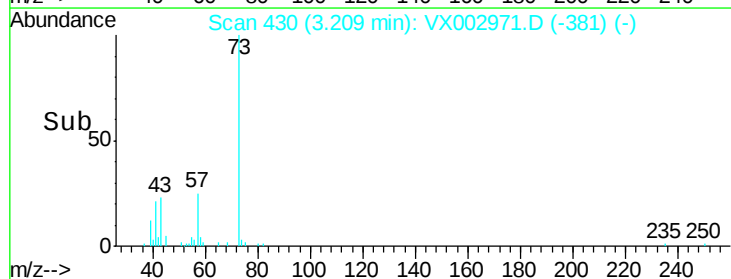
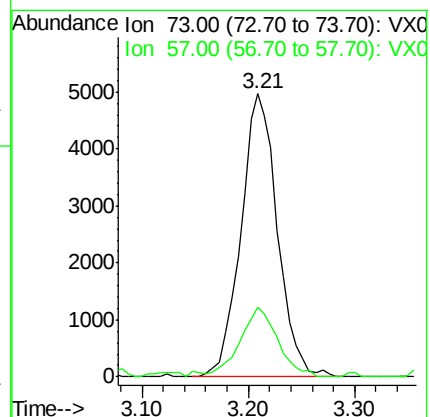
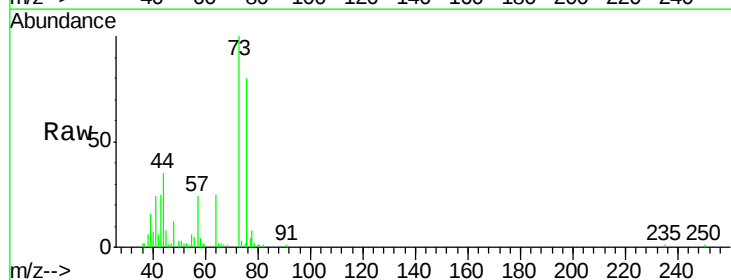
Acq: 28 Jun 2018 07:31

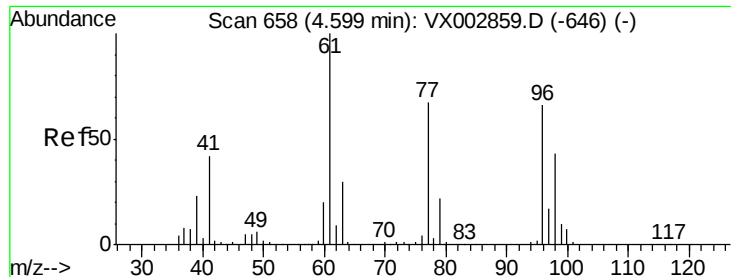
Tgt Ion: 73 Resp: 11908

Ion Ratio Lower Upper

73 100

57 24.5 17.7 26.5





#27

cis-1,2-Dichloroethene

Concen: 0.34 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX002971.D

Acq: 28 Jun 2018 07:31

Instrument :

MSVOA_X

ClientSampled :

W-11

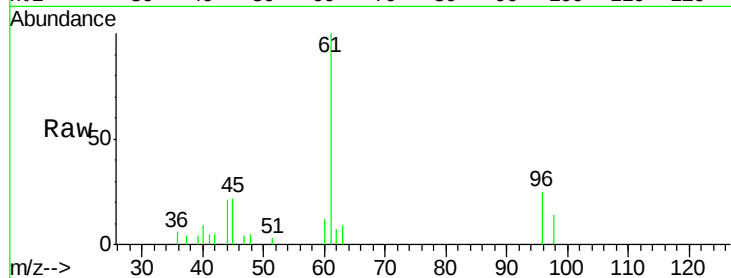
Tot Ion: 96 Resp: 1114

Ion Ratio Lower Upper

96 100

61 616.2 0.0 330.2#

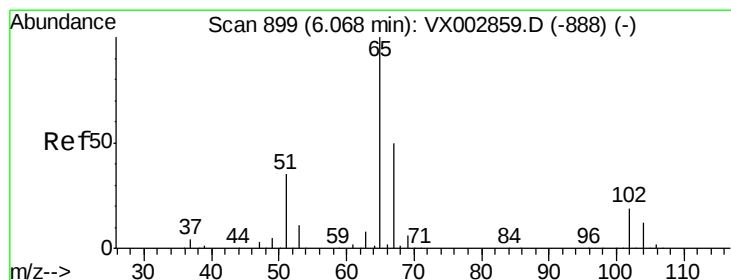
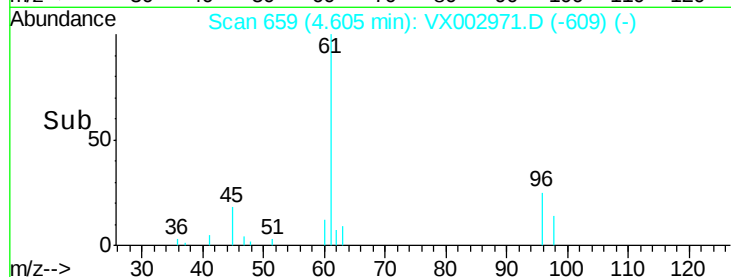
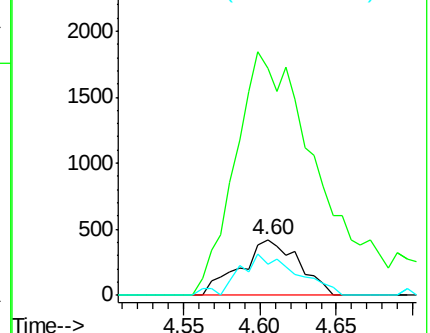
98 73.4 0.0 130.2



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: 48.09 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002971.D

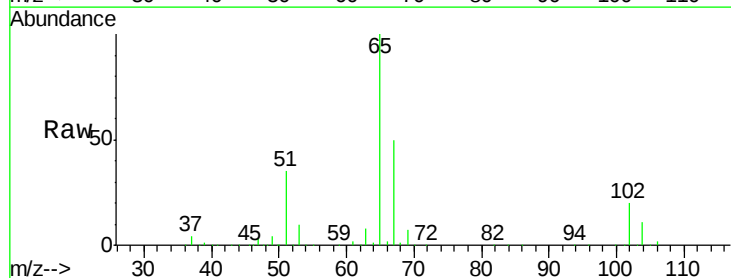
Acq: 28 Jun 2018 07:31

Tgt Ion: 65 Resp: 180451

Ion Ratio Lower Upper

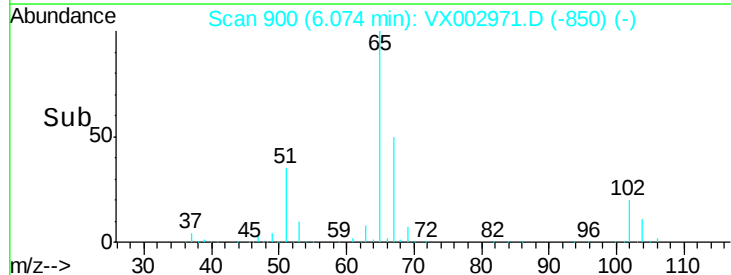
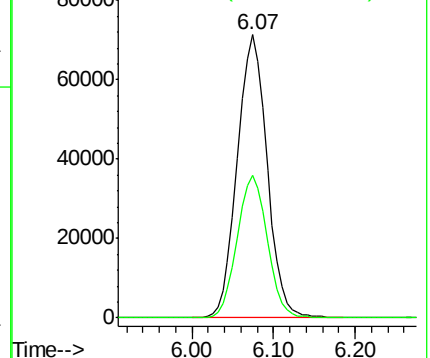
65 100

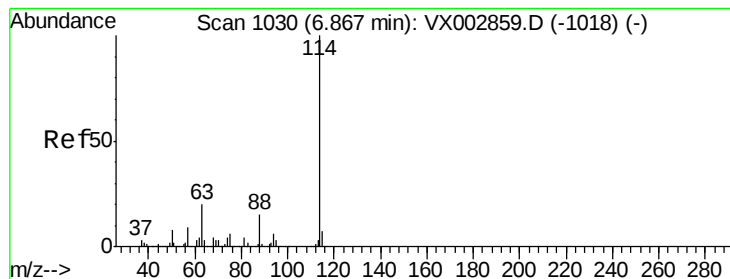
67 51.0 0.0 102.6



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: VX002971.D

Acq: 28 Jun 2018 07:31

Instrument :

MSVOA_X

ClientSampleId :

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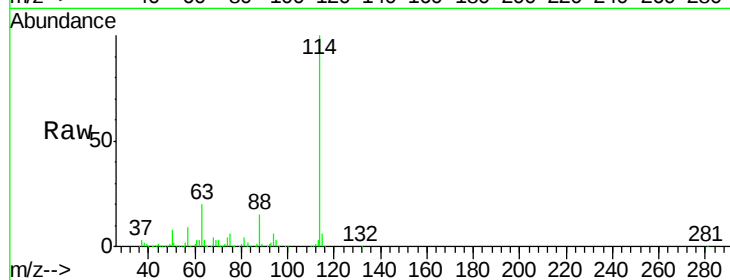
Tot Ion:114 Resp: 378803

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

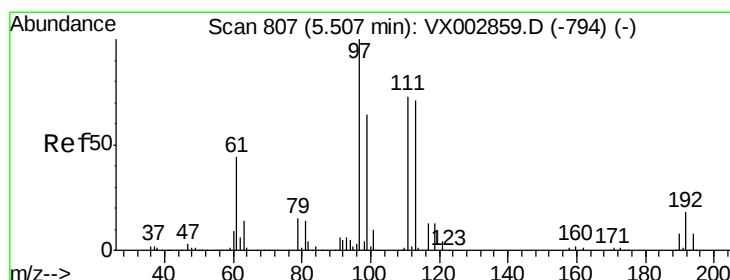
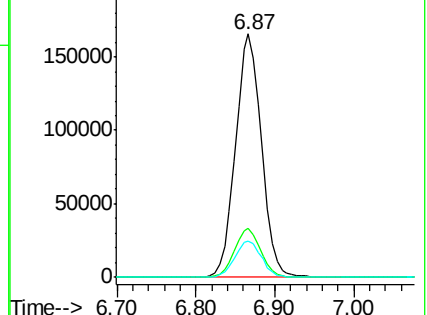
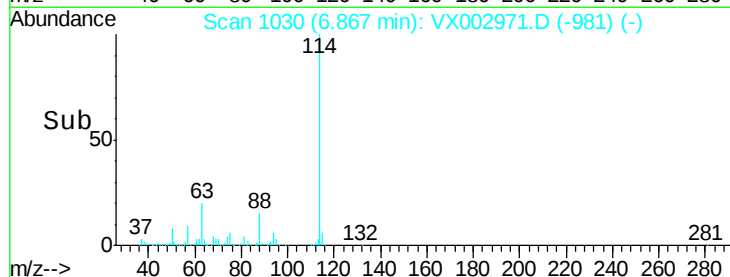
88 14.9 0.0 30.0



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: 49.14 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002971.D

Acq: 28 Jun 2018 07:31

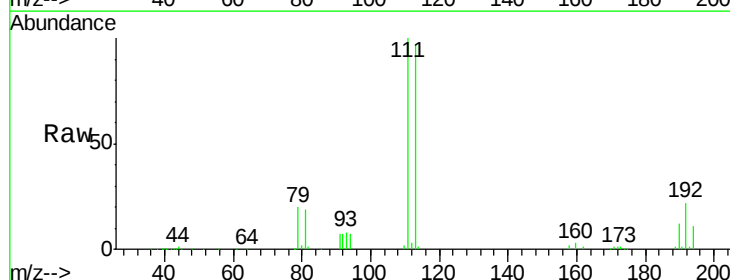
Tgt Ion:113 Resp: 147394

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

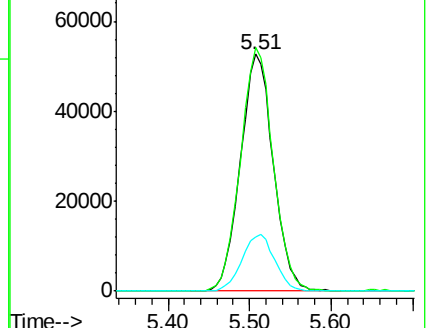
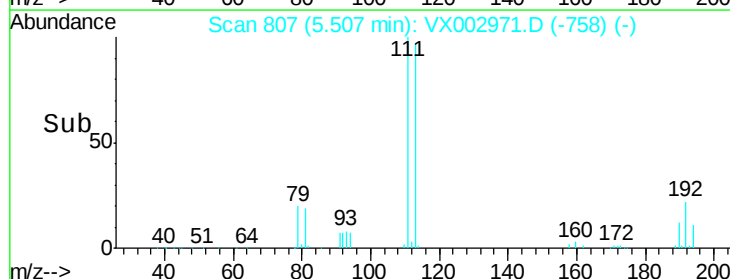
192 24.1 19.1 28.7

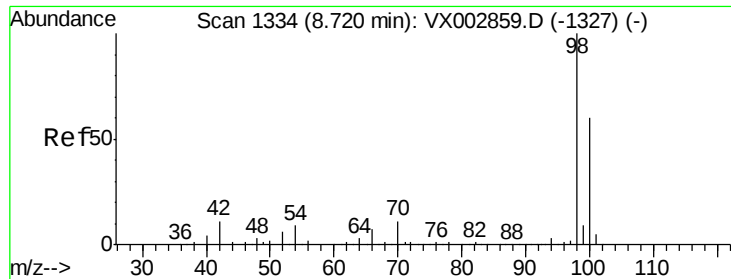


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.29 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002971.D

Acq: 28 Jun 2018 07:31

Instrument :

MSVOA_X

ClientSampleId :

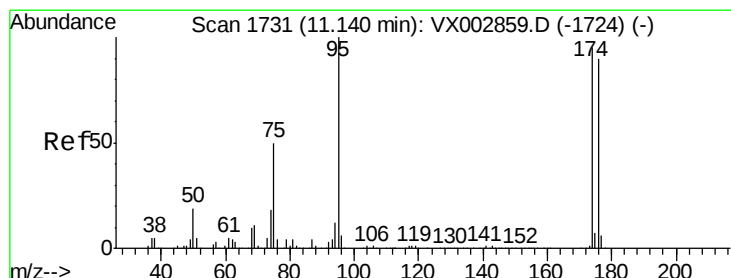
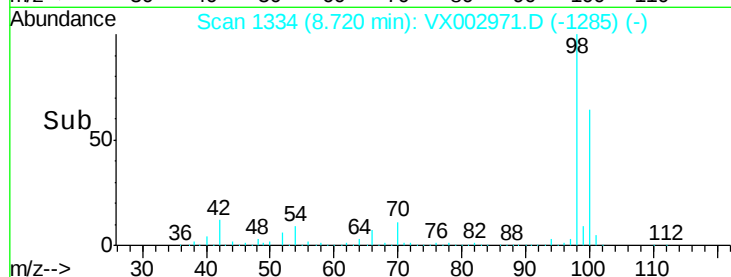
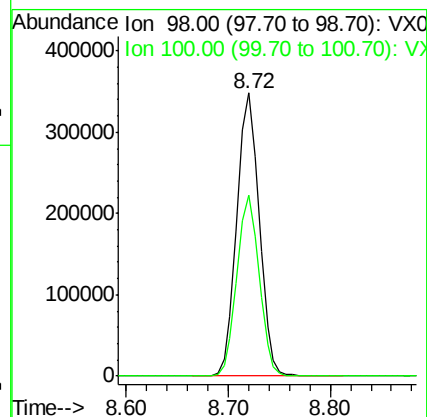
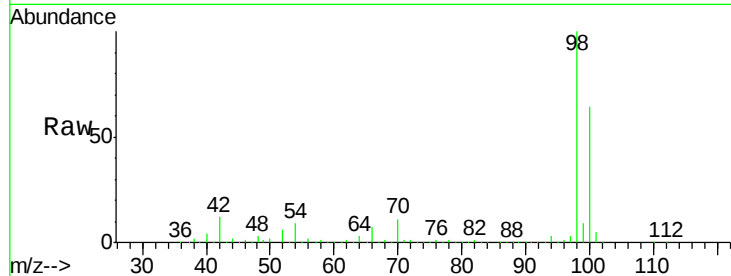
W-11

Tot Ion: 98 Resp: 528999

Ion Ratio Lower Upper

98 100

100 63.6 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 44.64 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002971.D

Acq: 28 Jun 2018 07:31

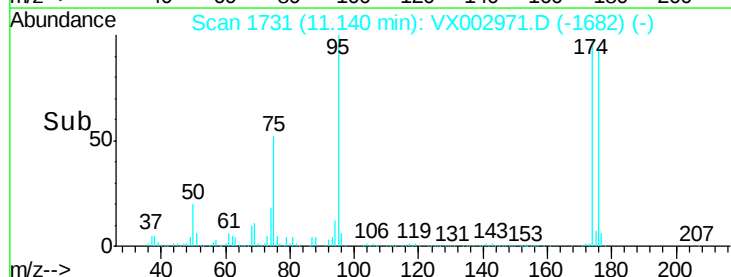
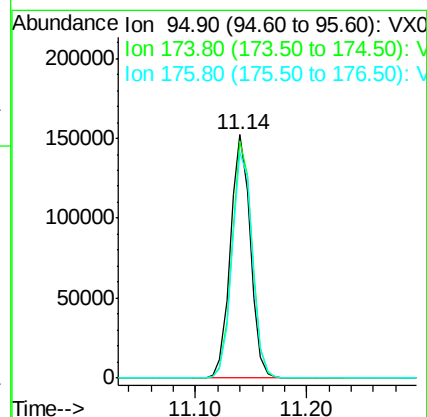
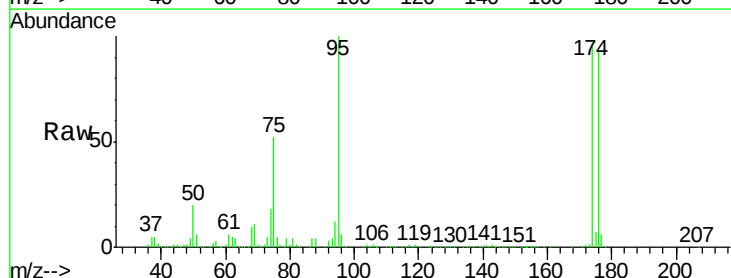
Tgt Ion: 95 Resp: 188571

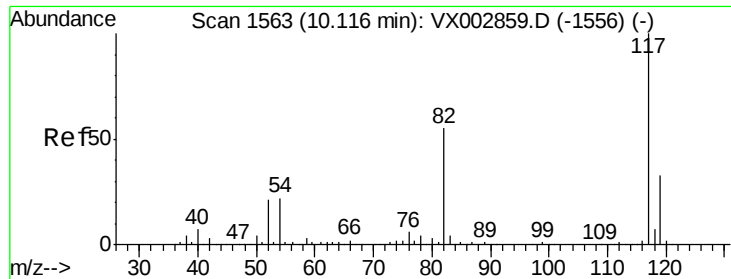
Ion Ratio Lower Upper

95 100

174 97.8 0.0 187.4

176 94.3 0.0 181.0

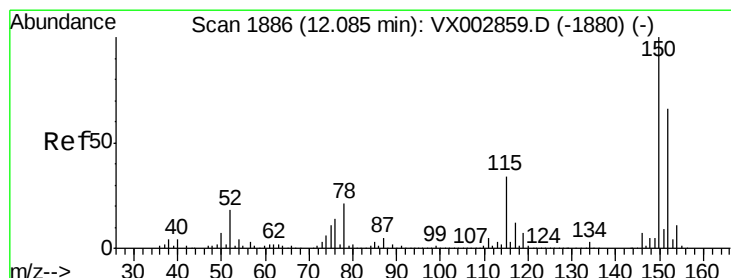
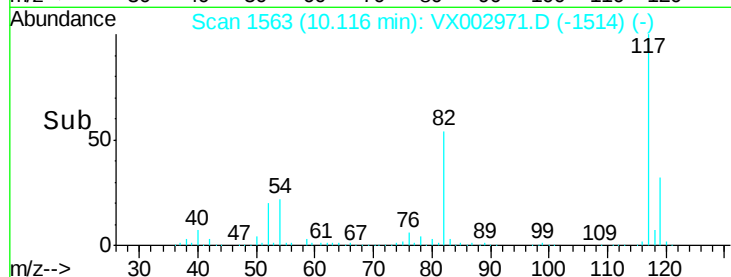
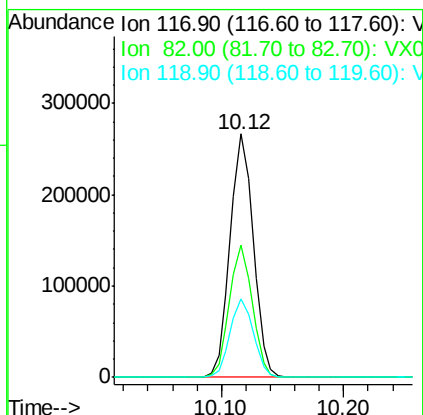
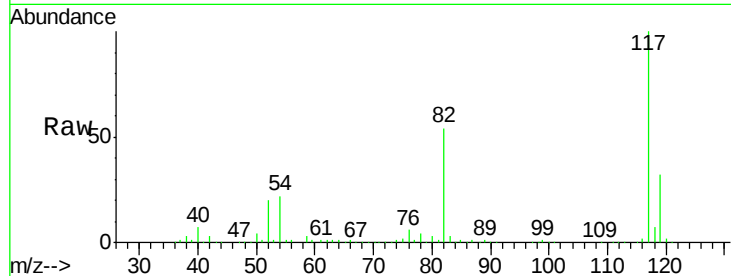




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002971.D
Acq: 28 Jun 2018 07:31

Instrument :
MSVOA_X
ClientSampleId :
W-11

Tot Ion:117 Resp: 350342
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.4
119 32.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002971.D
Acq: 28 Jun 2018 07:31

Tgt Ion:152 Resp: 201319
Ion Ratio Lower Upper
152 100
115 54.4 40.1 120.2
150 157.0 0.0 347.2

