

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002881.D
 Acq On : 26 Jun 2018 01:14
 Operator : JC/MD
 Sample : J3705-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-14

Quant Time: Jun 27 07:06:30 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	236118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	334927	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	310858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176178	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	163007	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
35) Dibromofluoromethane	5.51	113	129037	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
50) Toluene-d8	8.72	98	469273	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
62) 4-Bromofluorobenzene	11.14	95	167328	44.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.60%	

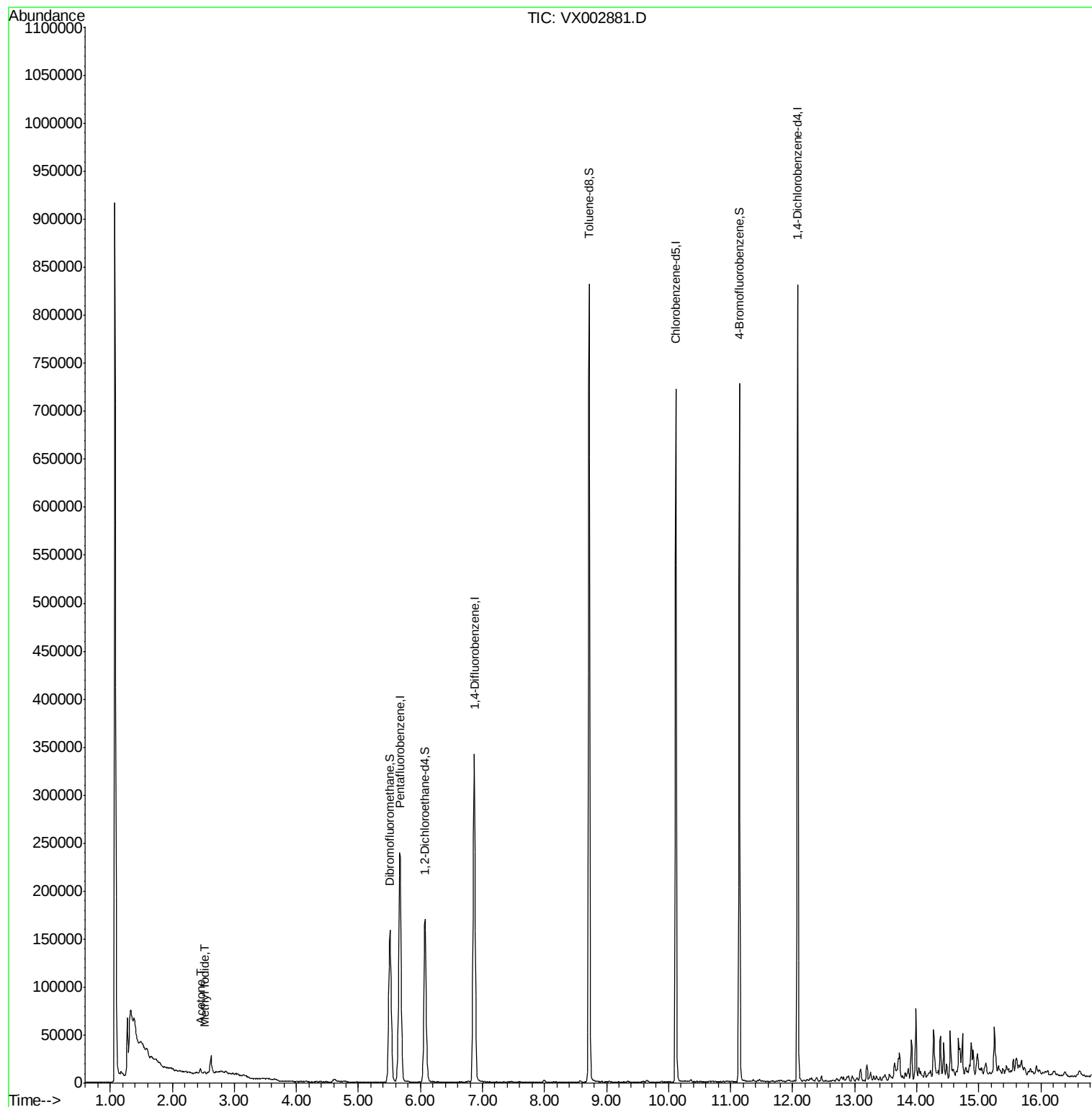
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	2555	7.07	ug/l	98
16) Acetone	2.45	43	4505	3.33	ug/l	93

(#) = 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# 833

Delta R.T. -0.00 min

Lab File: VX002881.D

Acq: 26 Jun 2018 01:14

Instrument :

MSVOA_X

ClientSampleId :

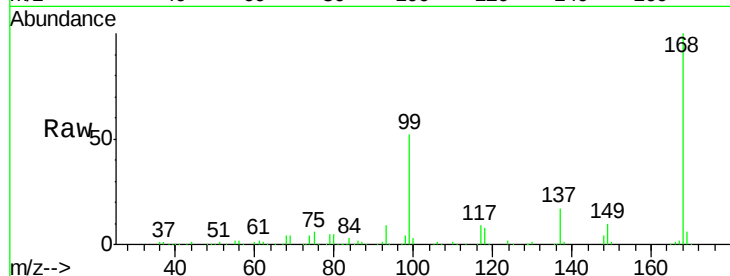
W-14

Tot Ion:168 Resp: 236118

Ion Ratio Lower Upper

168 100

99 51.5 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

80000

60000

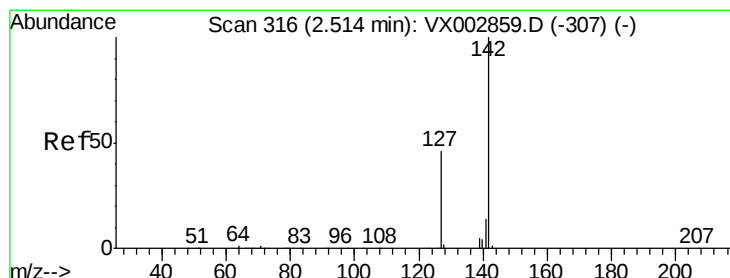
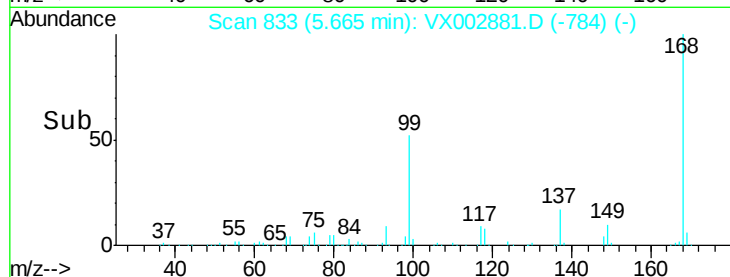
40000

20000

0

5.60 5.70 5.80

Time-->



#10

Methyl Iodide

Concen: 7.07 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002881.D

Acq: 26 Jun 2018 01:14

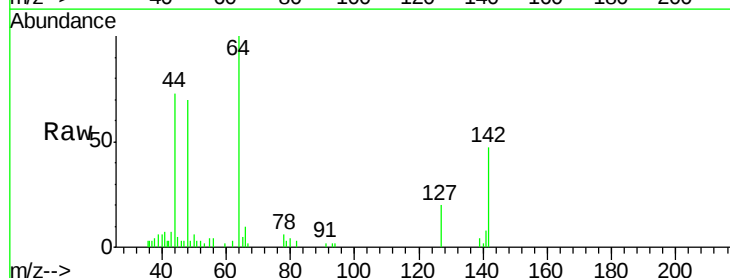
Tgt Ion:142 Resp: 2555

Ion Ratio Lower Upper

142 100

127 46.5 36.6 55.0

141 16.4 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

2.52

1500

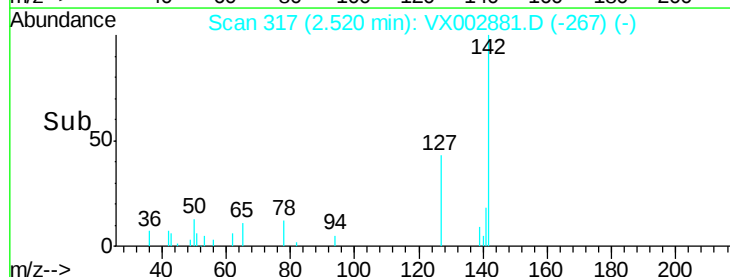
1000

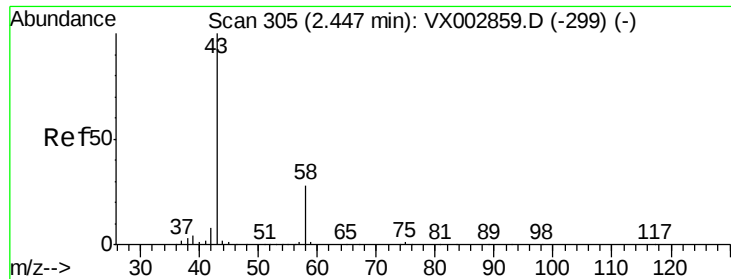
500

0

2.45 2.50 2.55

Time-->





#16

Acetone

Concen: 3.33 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX002881.D

Acq: 26 Jun 2018 01:14

Instrument :

MSVOA_X

ClientSampleId :

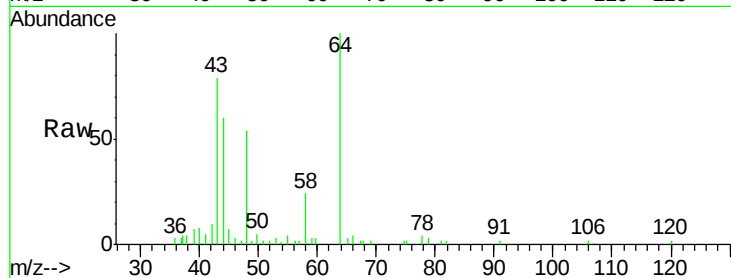
W-14

Tot Ion: 43 Resp: 4505

Ion Ratio Lower Upper

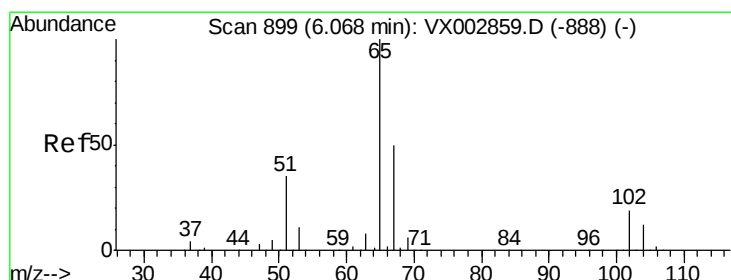
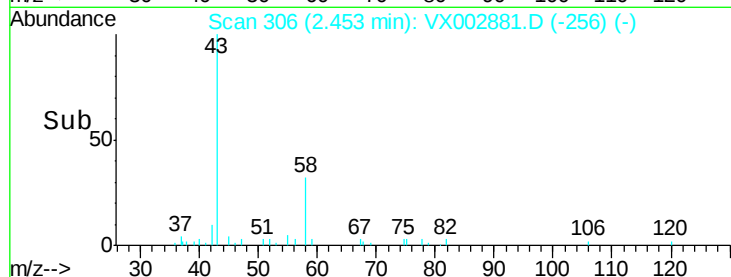
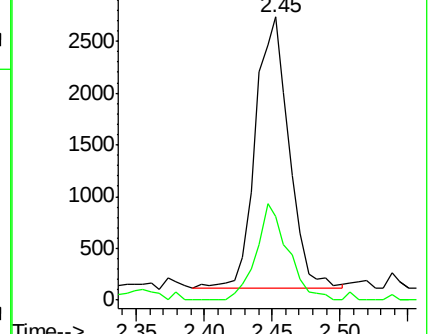
43 100

58 31.1 22.1 33.1



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: 49.95 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002881.D

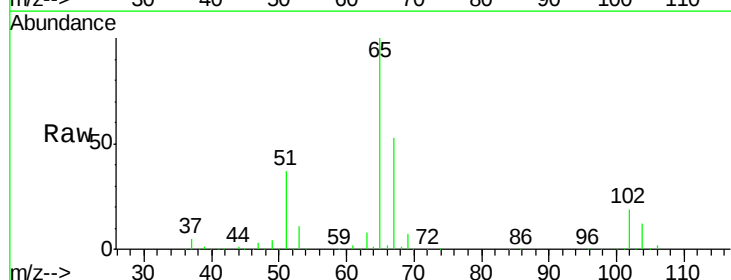
Acq: 26 Jun 2018 01:14

Tgt Ion: 65 Resp: 163007

Ion Ratio Lower Upper

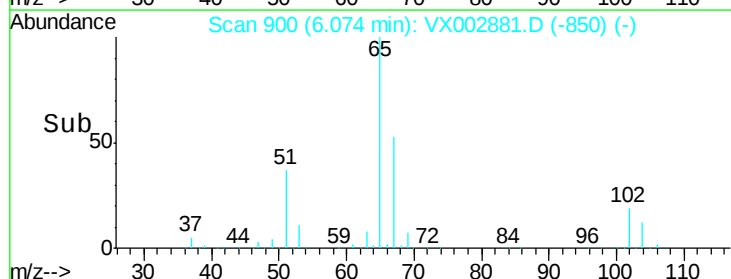
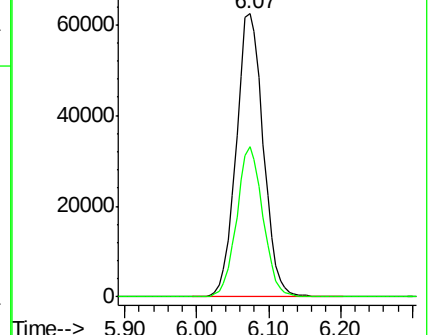
65 100

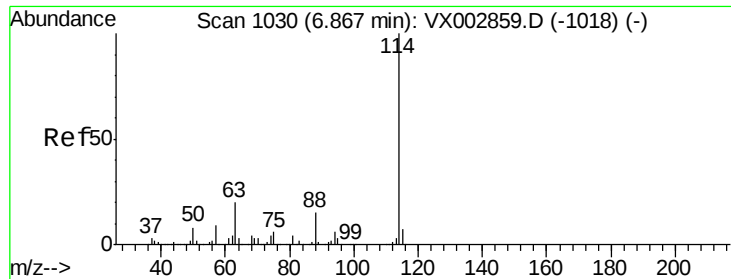
67 51.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

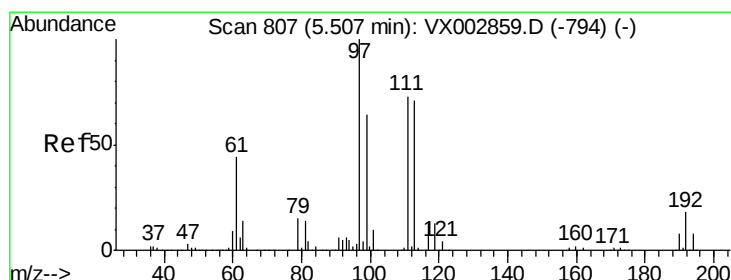
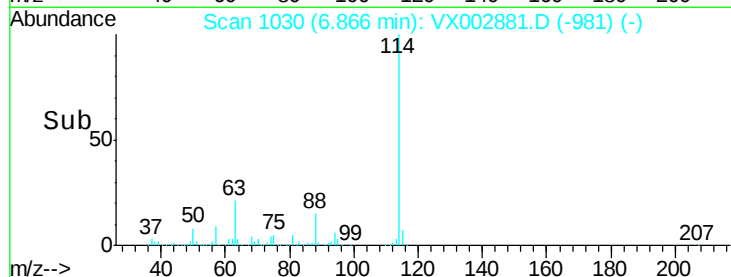
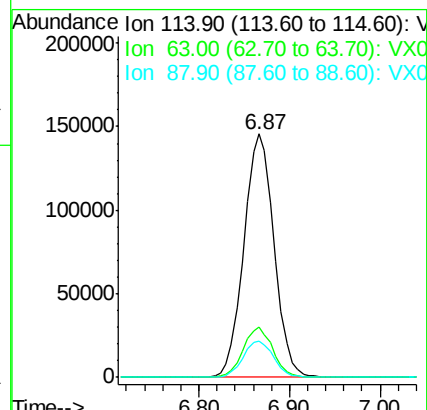
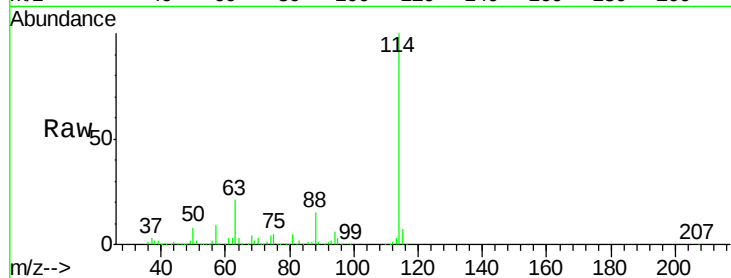




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002881.D
 Acq: 26 Jun 2018 01:14

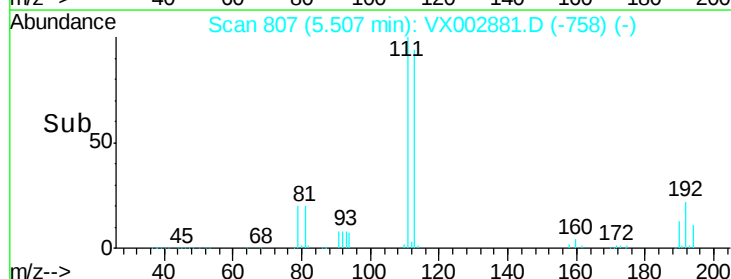
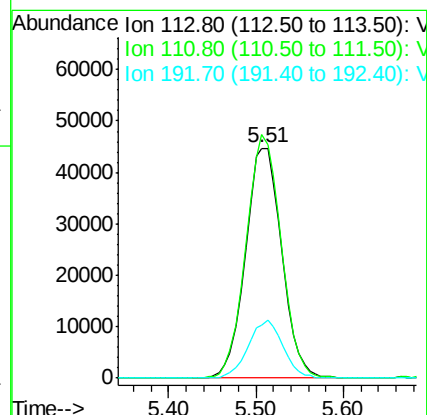
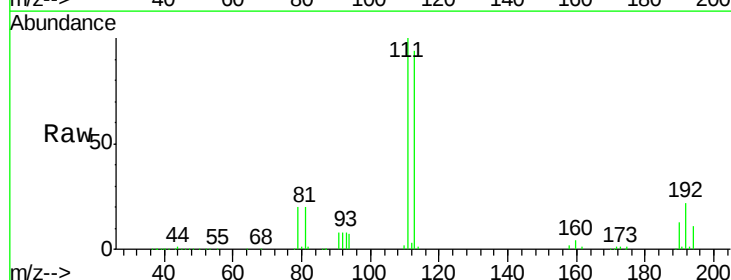
Instrument :
 MSVOA_X
 ClientSampleId :
 W-14

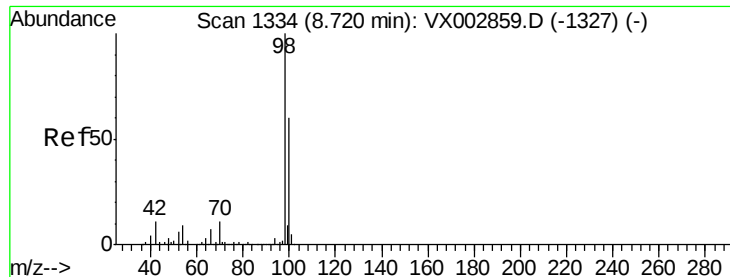
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	41.4
88	14.7	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 48.65 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002881.D
 Acq: 26 Jun 2018 01:14

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.0
192	24.2	19.1	28.7





#50

Toluene-d8

Concen: 48.45 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002881.D

Acq: 26 Jun 2018 01:14

Instrument :

MSVOA_X

ClientSampleId :

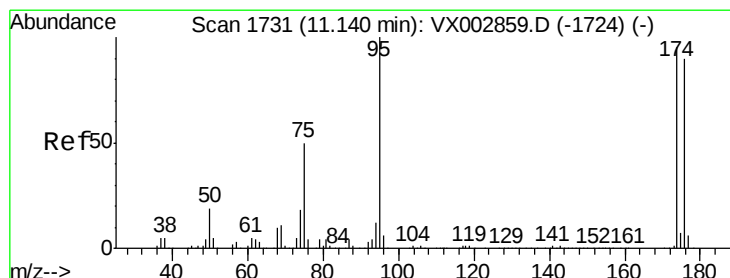
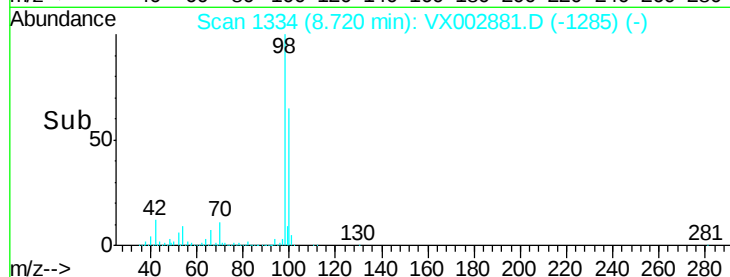
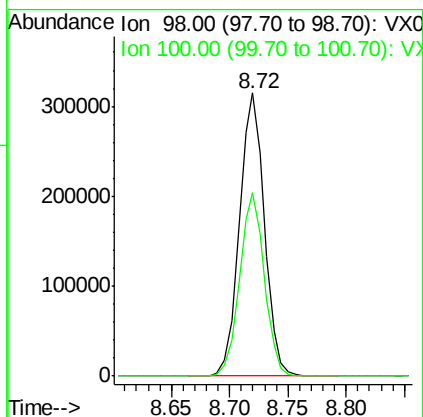
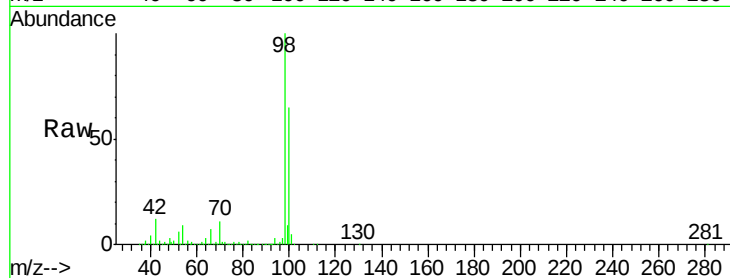
W-14

Tot Ion: 98 Resp: 469273

Ion Ratio Lower Upper

98 100

100 64.3 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 44.80 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002881.D

Acq: 26 Jun 2018 01:14

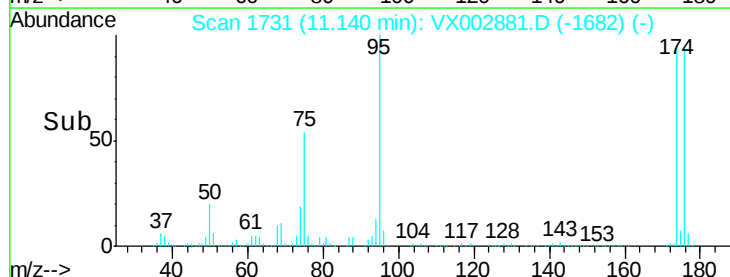
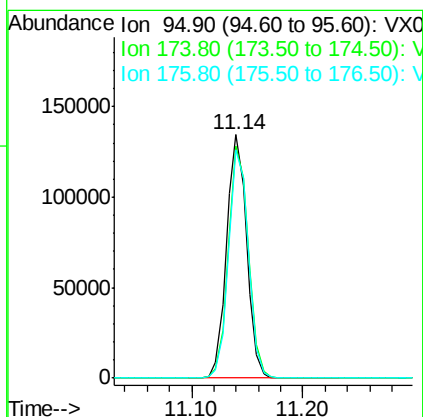
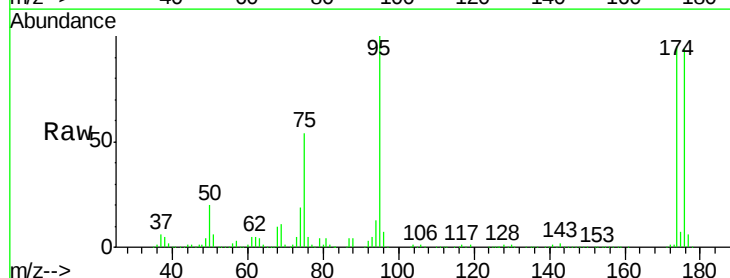
Tgt Ion: 95 Resp: 167328

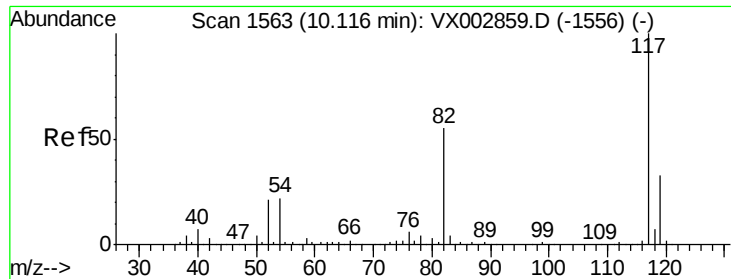
Ion Ratio Lower Upper

95 100

174 95.4 0.0 187.4

176 92.7 0.0 181.0

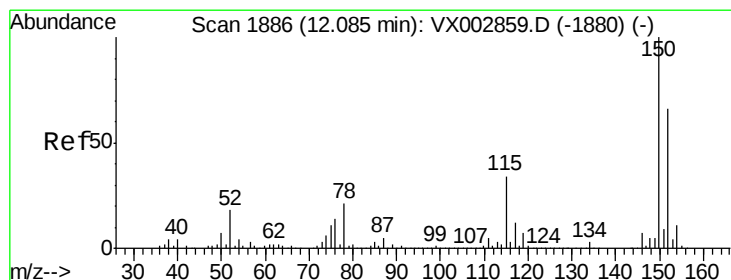
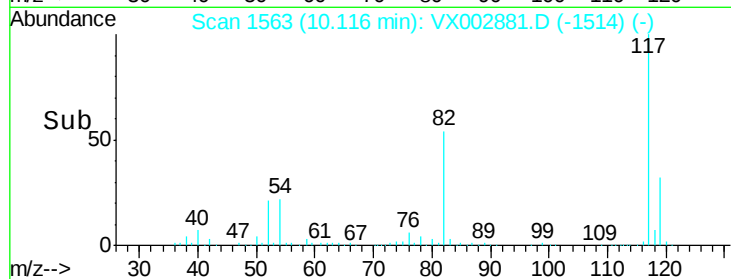
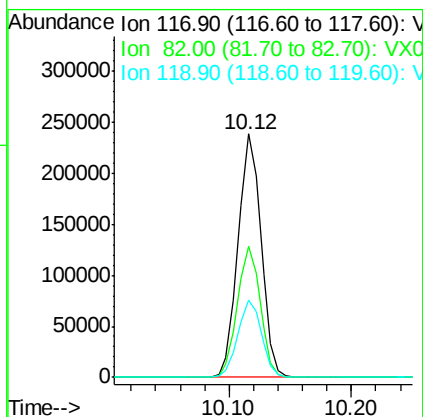
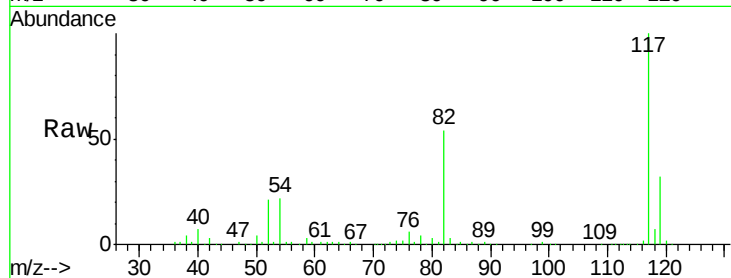




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002881.D
Acq: 26 Jun 2018 01:14

Instrument :
MSVOA_X
ClientSampled :
W-14

Tot Ion:117 Resp: 310858
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 31.9 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: VX002881.D
Acq: 26 Jun 2018 01:14

Tgt Ion:152 Resp: 176178
Ion Ratio Lower Upper
152 100
115 53.8 40.1 120.2
150 156.8 0.0 347.2

