

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003041.D
 Acq On : 29 Jun 2018 20:44
 Operator : JC/MD
 Sample : J3694-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LIP-12

Quant Time: Jun 30 00:28:48 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	256147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	358787	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	333034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	188196	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	171936	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
35) Dibromofluoromethane	5.51	113	139102	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
50) Toluene-d8	8.72	98	501822	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
62) 4-Bromofluorobenzene	11.14	95	175907	43.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.92%	

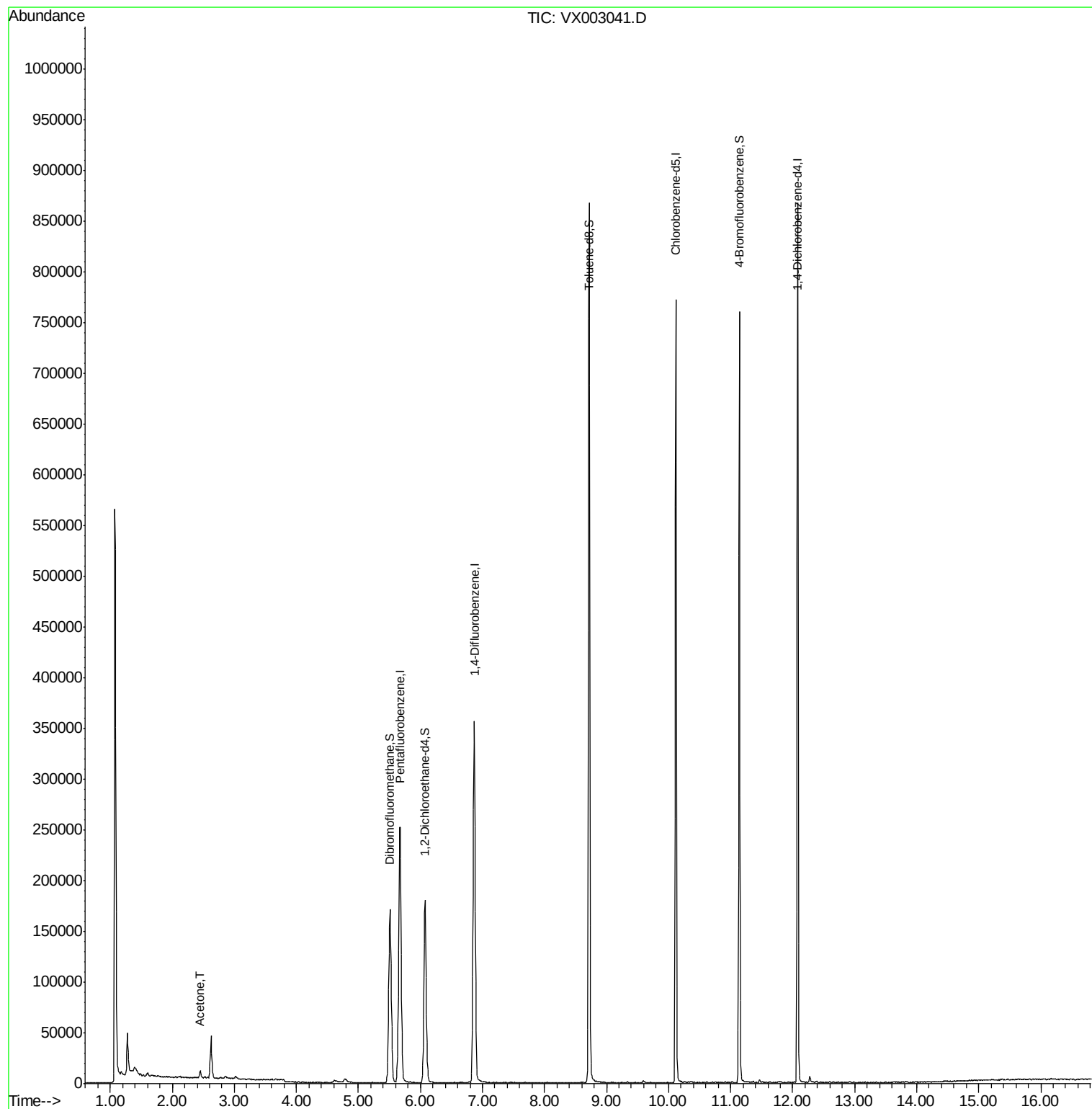
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	7883	5.38	ug/l	95

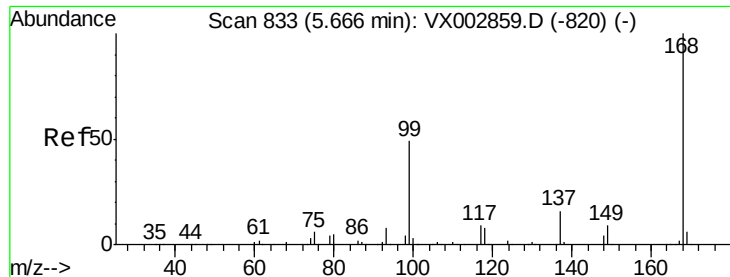
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003041.D

Acq: 29 Jun 2018 20:44

Instrument :

MSVOA_X

ClientSampled :

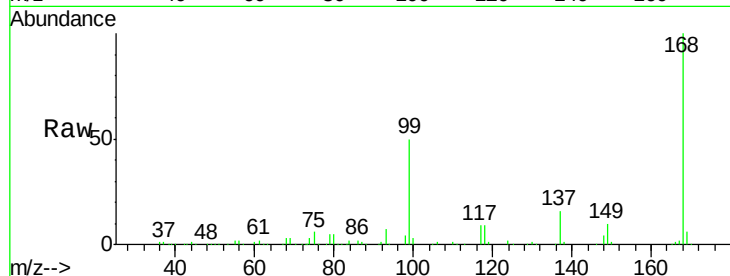
LIP-12

Tot Ion:168 Resp: 256147

Ion Ratio Lower Upper

168 100

99 50.4 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

100000

80000

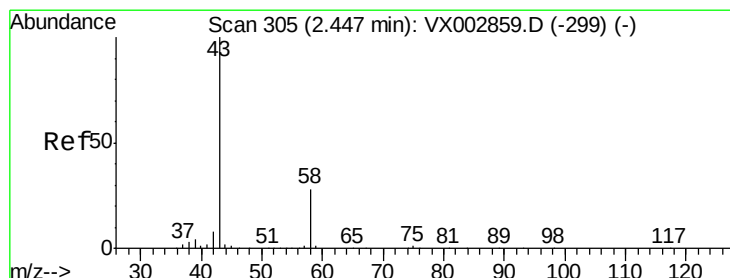
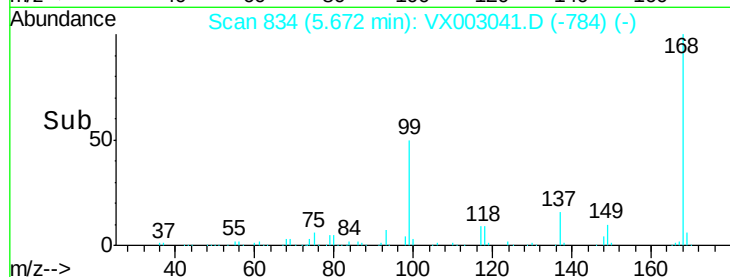
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.38 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003041.D

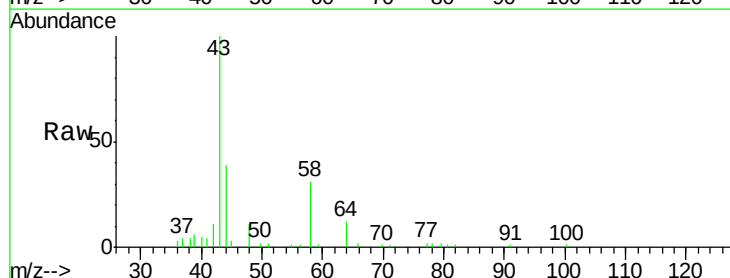
Acq: 29 Jun 2018 20:44

Tgt Ion: 43 Resp: 7883

Ion Ratio Lower Upper

43 100

58 30.0 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

5000

4000

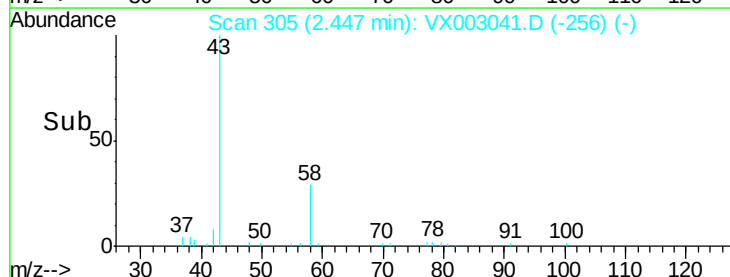
3000

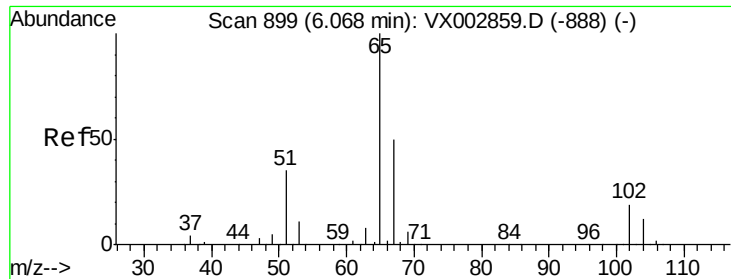
2000

1000

0

Time--> 2.35 2.40 2.45 2.50

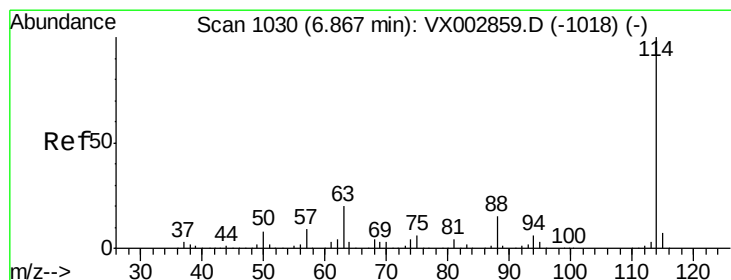
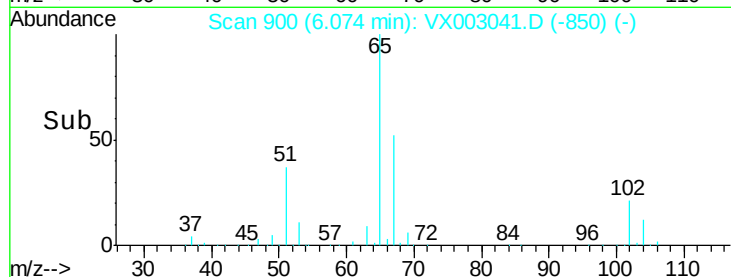
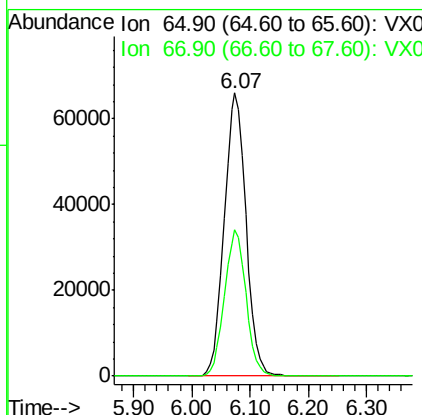
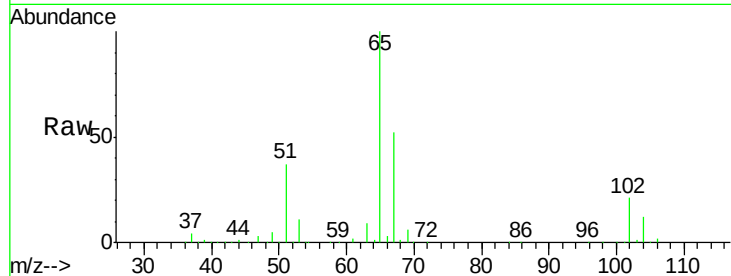




#33
 1,2-Dichloroethane-d4
 Concen: 48.56 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003041.D
 Acq: 29 Jun 2018 20:44

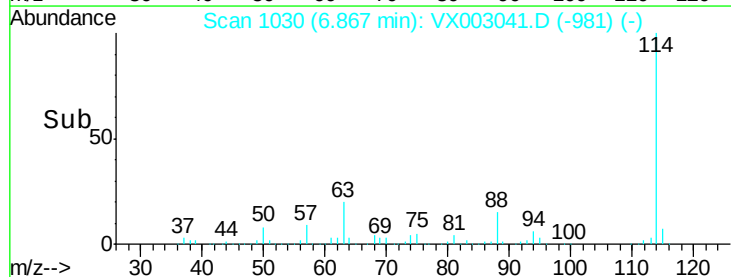
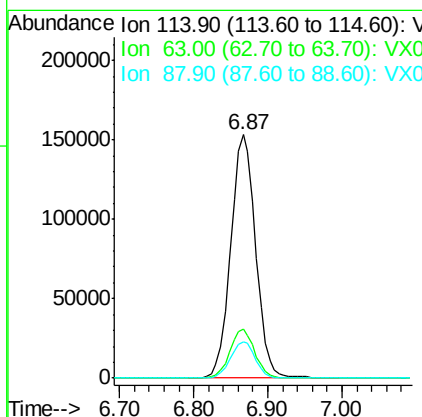
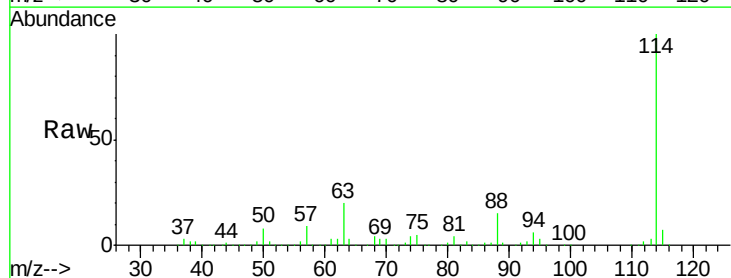
Instrument :
 MSVOA_X
 ClientSampleId :
 LIP-12

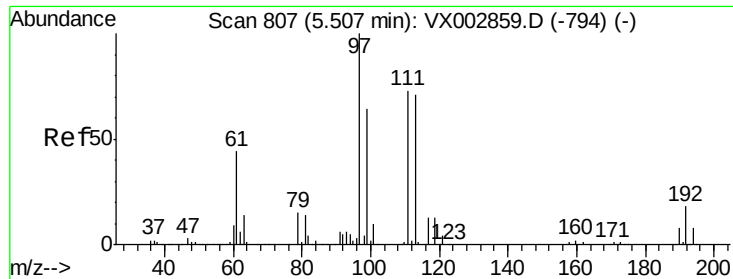
Tot Ion: 65 Resp: 171936
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003041.D
 Acq: 29 Jun 2018 20:44

Tgt Ion: 114 Resp: 358787
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.4
 88 14.8 0.0 30.0

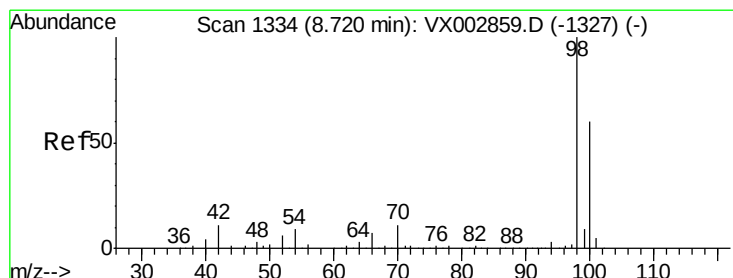
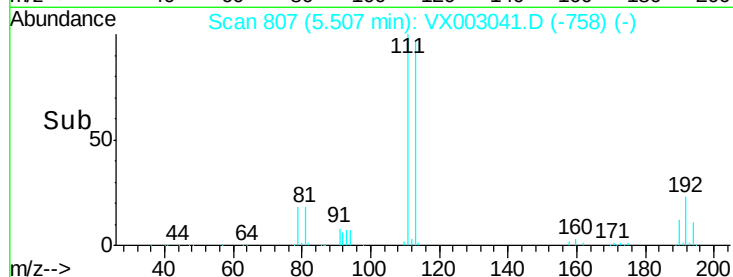
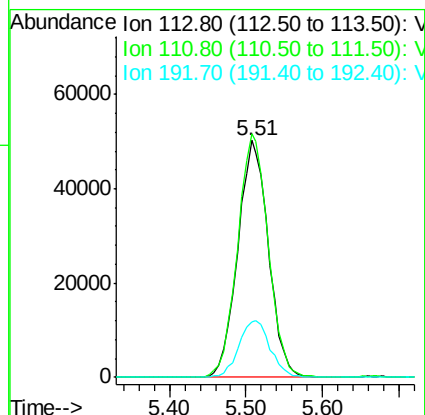
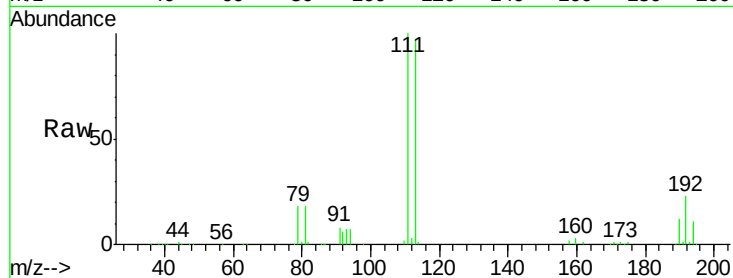




#35
Dibromofluoromethane
Concen: 48.96 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003041.D
Acq: 29 Jun 2018 20:44

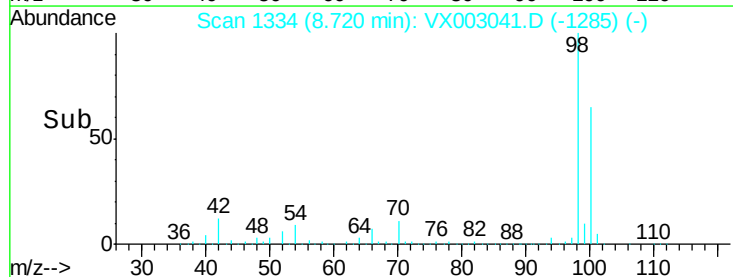
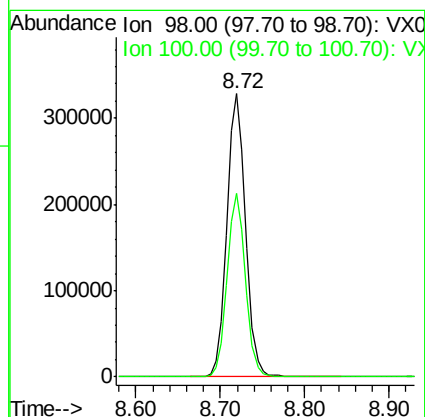
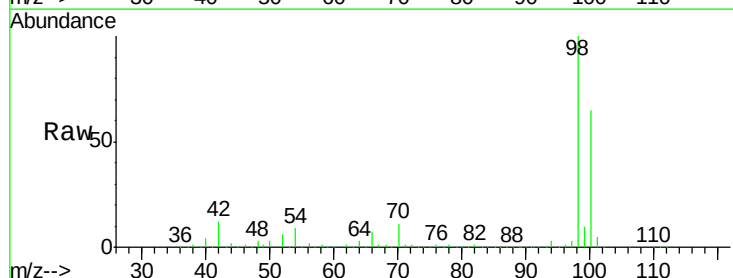
Instrument :
MSVOA_X
ClientSampleId :
LIP-12

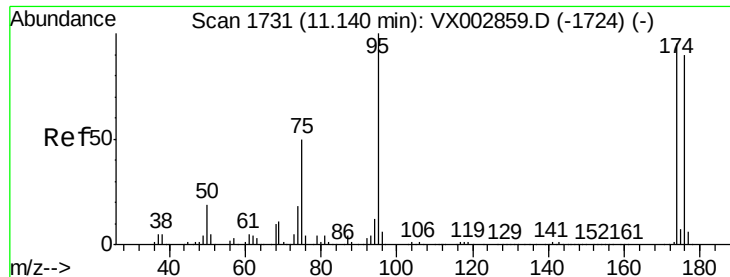
Tot Ion:113 Resp: 139102
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.0
192 24.4 19.1 28.7



#50
Toluene-d8
Concen: 48.37 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003041.D
Acq: 29 Jun 2018 20:44

Tgt Ion: 98 Resp: 501822
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3

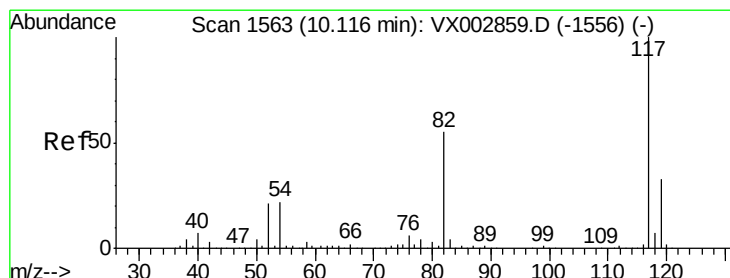
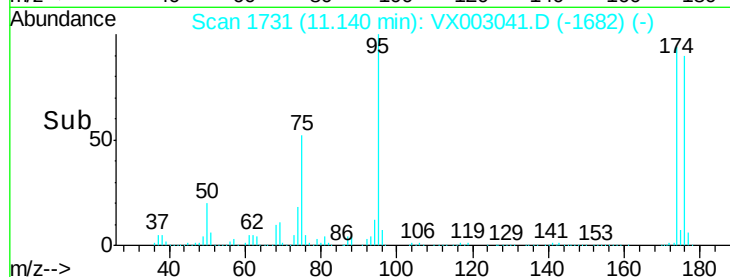
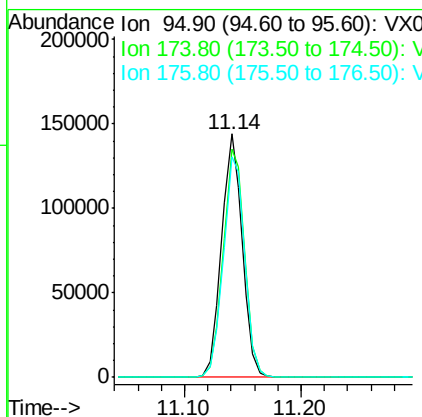
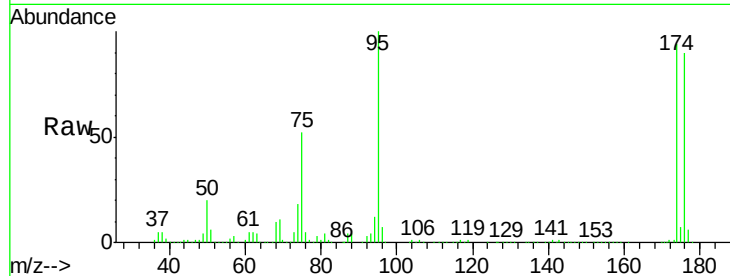




#62
4-Bromofluorobenzene
Concen: 43.96 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003041.D
Acq: 29 Jun 2018 20:44

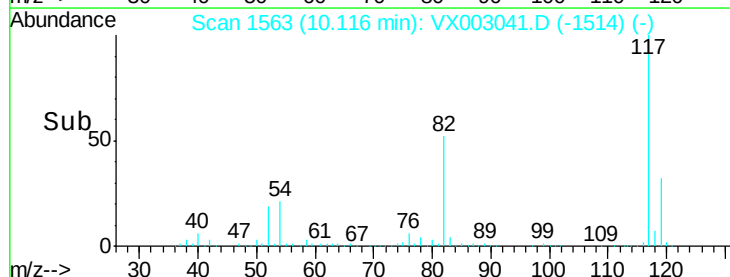
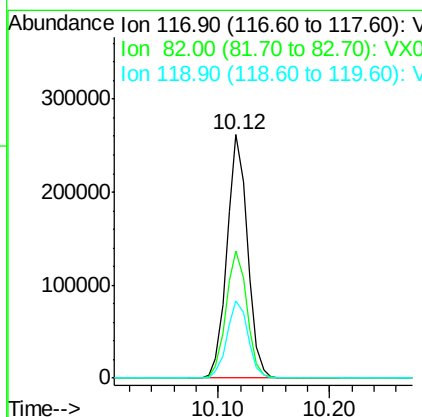
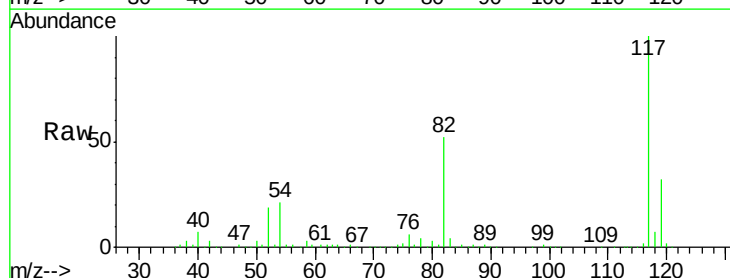
Instrument :
MSVOA_X
ClientSampled :
LIP-12

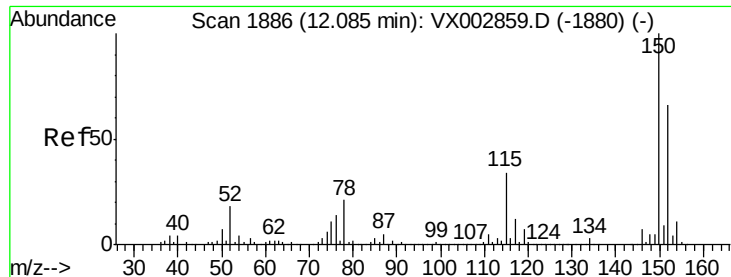
Tot Ion: 95 Resp: 175907
Ion Ratio Lower Upper
95 100
174 97.3 0.0 187.4
176 93.8 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003041.D
Acq: 29 Jun 2018 20:44

Tgt Ion: 117 Resp: 333034
Ion Ratio Lower Upper
117 100
82 52.2 45.0 67.4
119 31.8 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX003041.D

Acq: 29 Jun 2018 20:44

Instrument :

MSVOA_X

ClientSampleId :

LIP-12

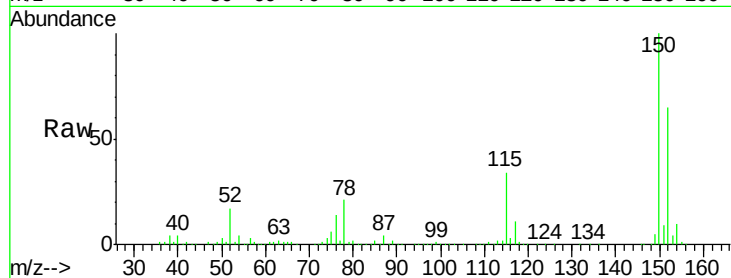
Tot Ion:152 Resp: 188196

Ion Ratio Lower Upper

152 100

115 54.8 40.1 120.2

150 157.0 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

