

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
 Data File : VX001102.D
 Acq On : 25 Apr 2018 03:00
 Operator : JC/MD
 Sample : J2463-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW006-180416

Quant Time: Apr 25 08:17:56 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	317692	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	284075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	160283	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	166056	57.76	ug/l	0.00
Spiked Amount			Recovery	=	115.52%	
35) Dibromofluoromethane	5.51	113	125981	52.00	ug/l	0.00
Spiked Amount			Recovery	=	104.00%	
50) Toluene-d8	8.72	98	476903	53.24	ug/l	0.00
Spiked Amount			Recovery	=	106.48%	
62) 4-Bromofluorobenzene	11.14	95	164433	43.74	ug/l	0.00
Spiked Amount			Recovery	=	87.48%	

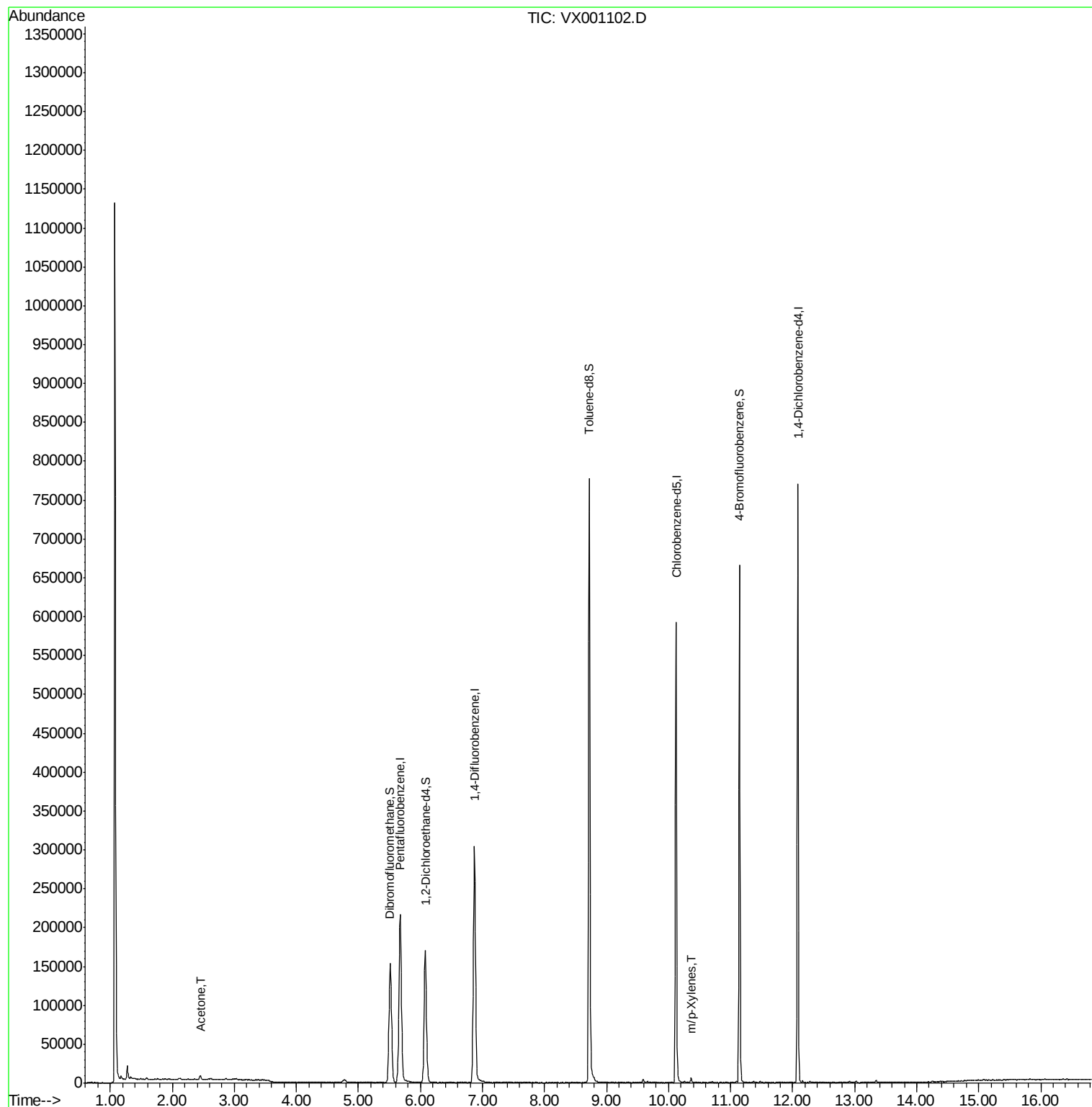
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	5703	5.27	ug/l	100
68) m/p-Xylenes	10.37	106	1498	0.30	ug/l	88

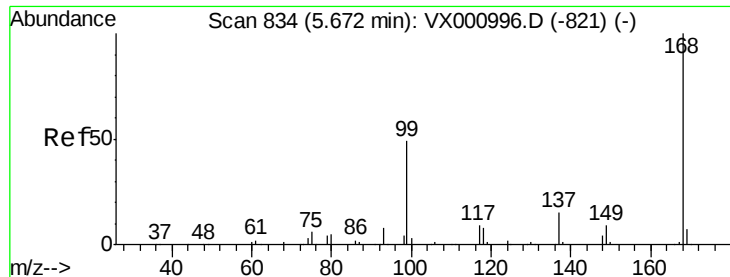
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001102.D

Acq: 25 Apr 2018 03:00

Instrument :

MSVOA_X

ClientSampleId :

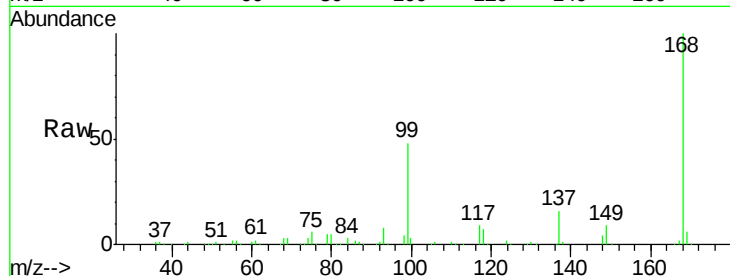
LF015MW006-180416

Tot Ion:168 Resp: 226783

Ion Ratio Lower Upper

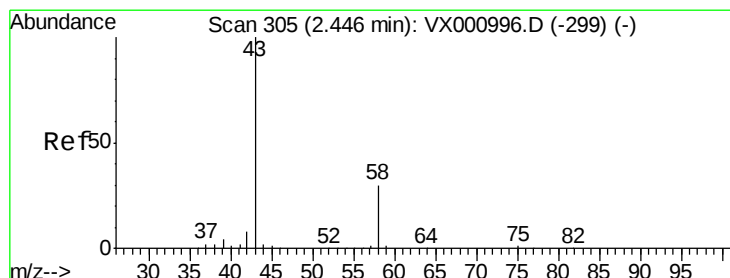
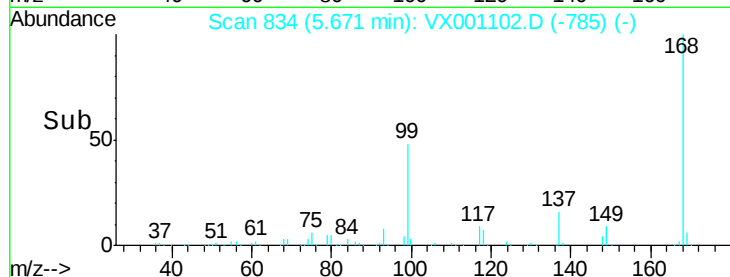
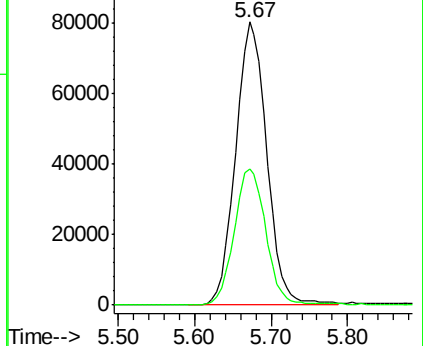
168 100

99 48.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.27 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001102.D

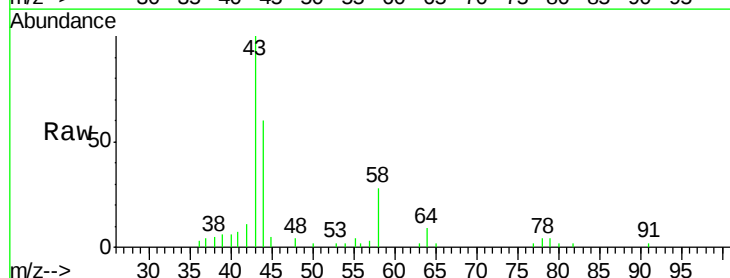
Acq: 25 Apr 2018 03:00

Tgt Ion: 43 Resp: 5703

Ion Ratio Lower Upper

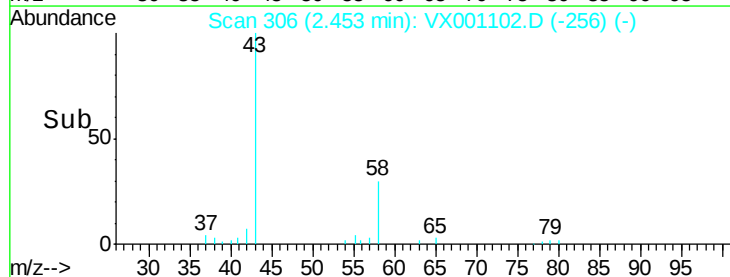
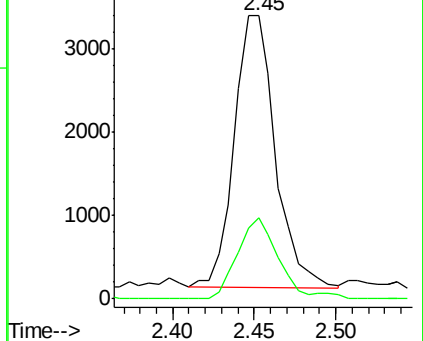
43 100

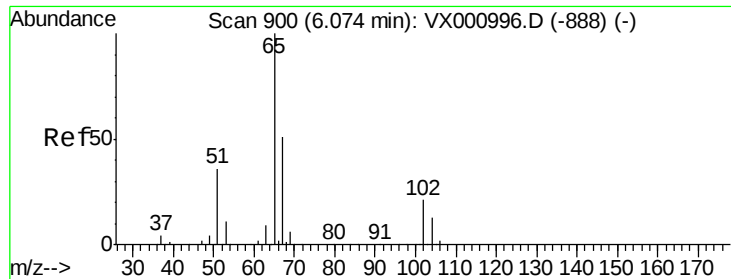
58 29.8 23.7 35.5



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: 57.76 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001102.D

Acq: 25 Apr 2018 03:00

Instrument :

MSVOA_X

ClientSampleId :

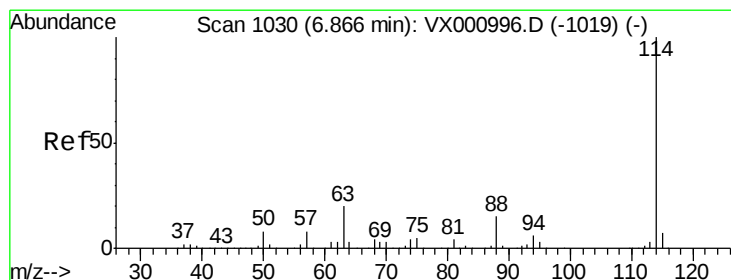
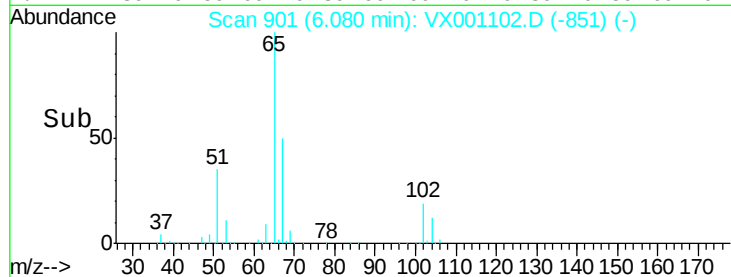
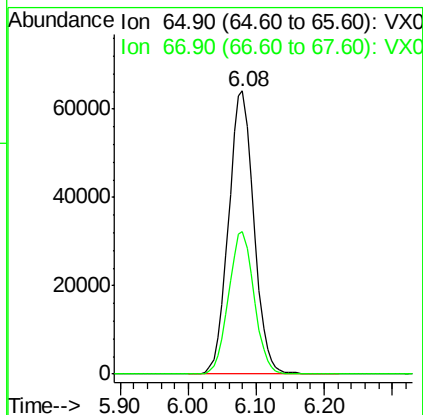
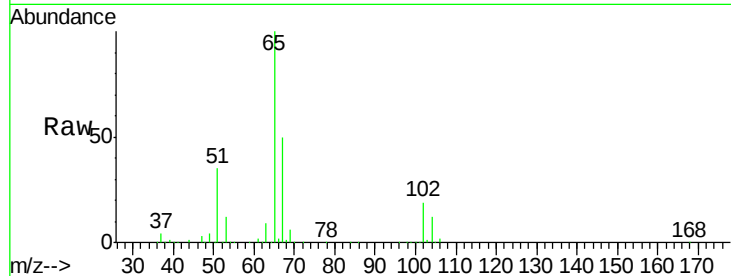
LF015MW006-180416

Tot Ion: 65 Resp: 166056

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001102.D

Acq: 25 Apr 2018 03:00

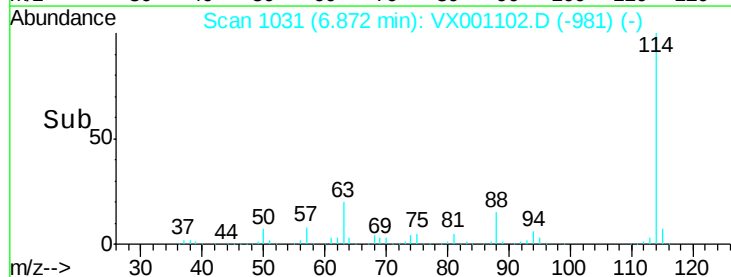
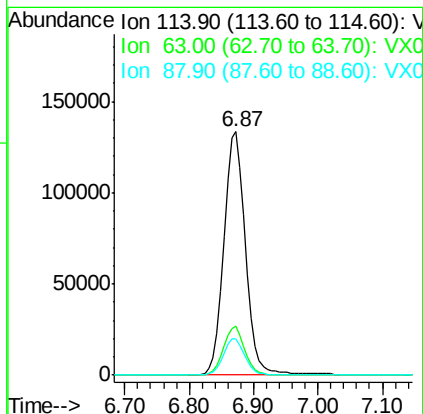
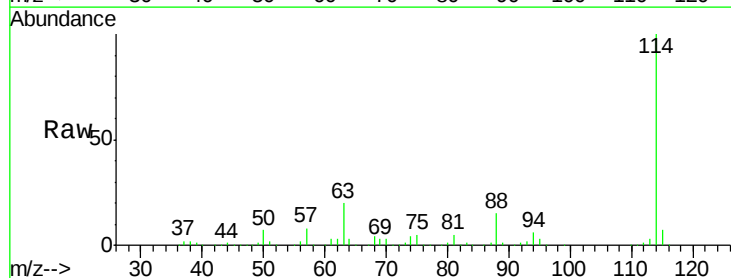
Tgt Ion: 114 Resp: 317692

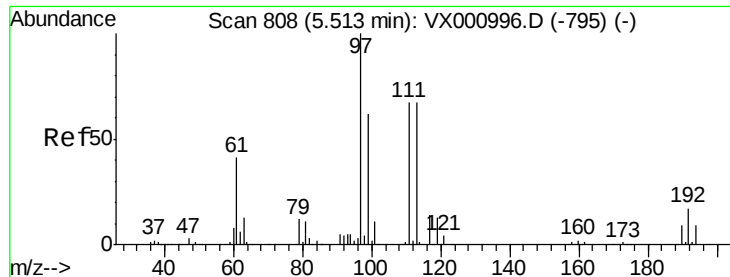
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.4

88 15.1 0.0 29.8

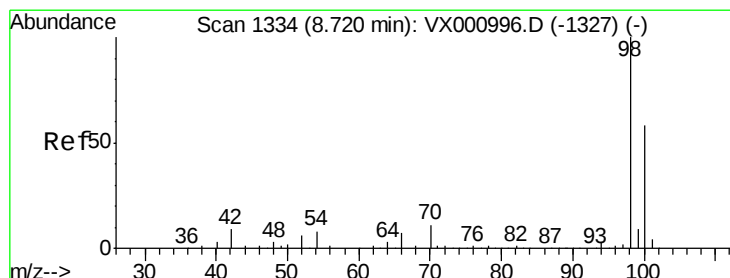
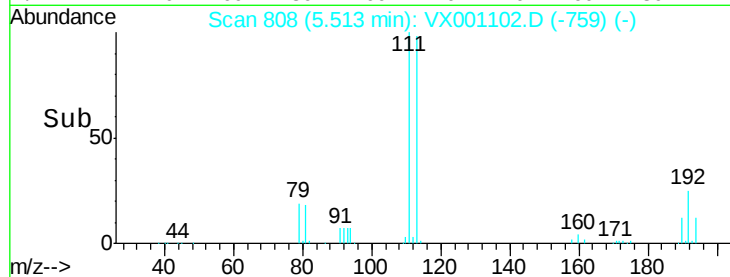
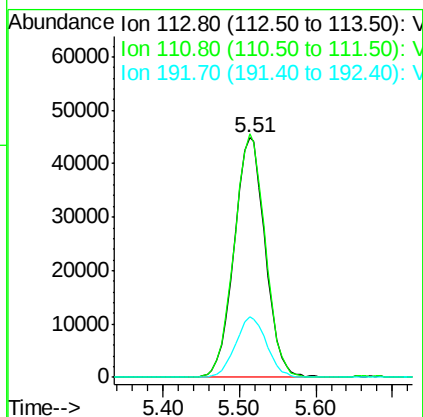
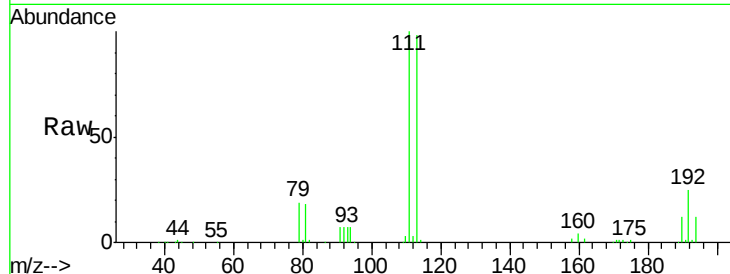




#35
 Dibromofluoromethane
 Concen: 52.00 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001102.D
 Acq: 25 Apr 2018 03:00

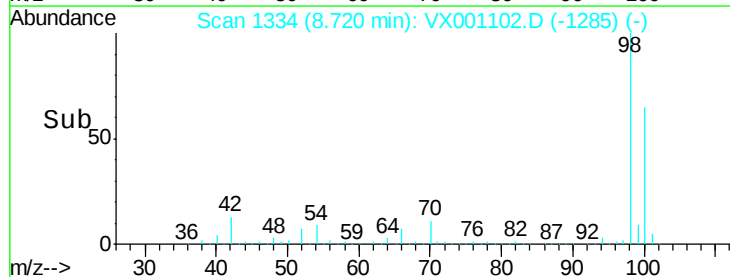
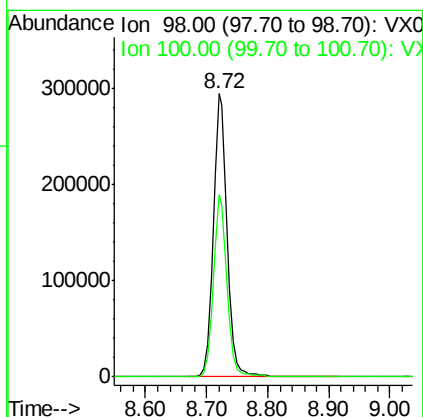
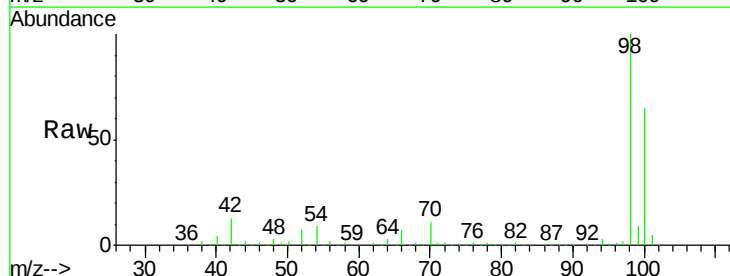
Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW006-180416

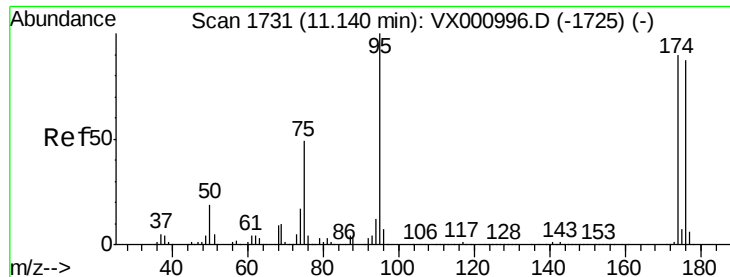
Tot Ion:113 Resp: 125981
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.4 122.2
 192 25.3 20.4 30.6



#50
 Toluene-d8
 Concen: 53.24 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX001102.D
 Acq: 25 Apr 2018 03:00

Tgt Ion: 98 Resp: 476903
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.9 77.9

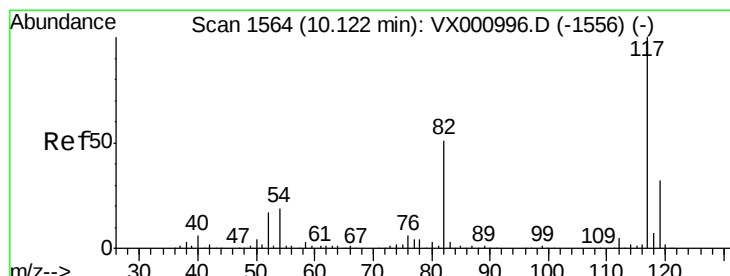
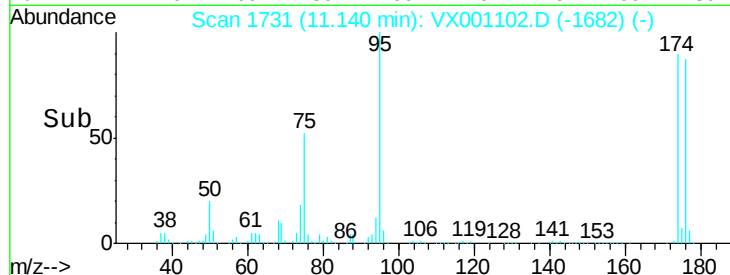
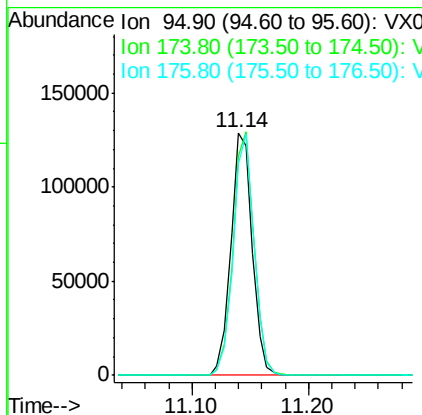
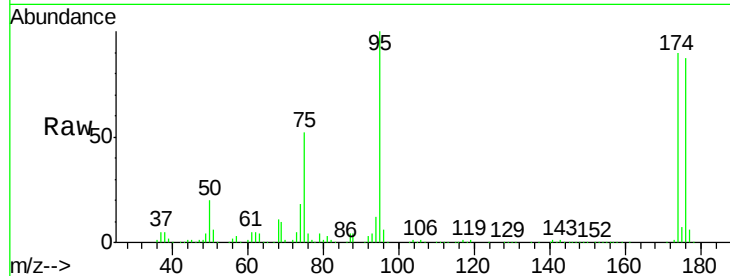




#62
4-Bromofluorobenzene
Concen: 43.74 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001102.D
Acq: 25 Apr 2018 03:00

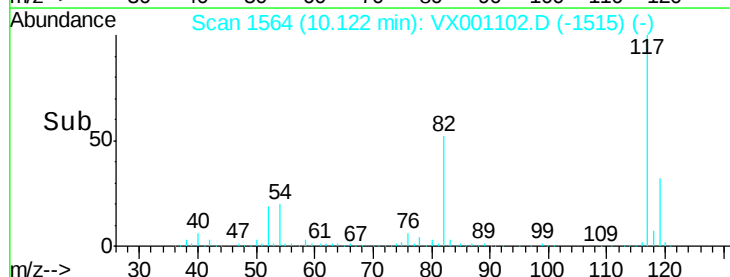
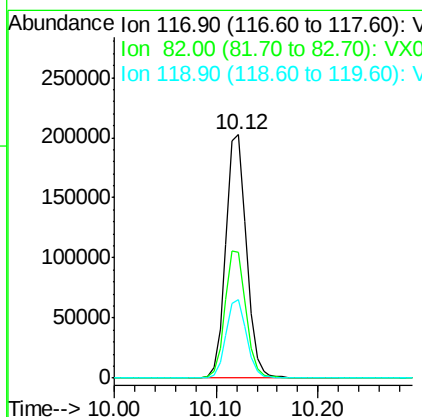
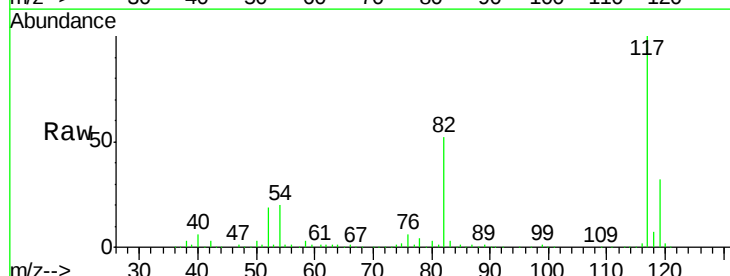
Instrument :
MSVOA_X
ClientSampleId :
LF015MW006-180416

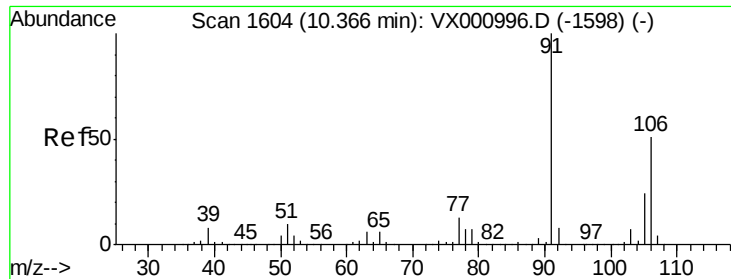
Tot Ion: 95 Resp: 164433
Ion Ratio Lower Upper
95 100
174 99.3 0.0 198.4
176 96.9 0.0 192.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001102.D
Acq: 25 Apr 2018 03:00

Tgt Ion: 117 Resp: 284075
Ion Ratio Lower Upper
117 100
82 51.8 40.6 60.8
119 32.0 26.0 39.0

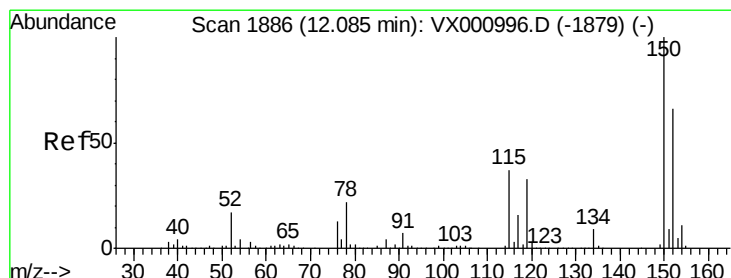
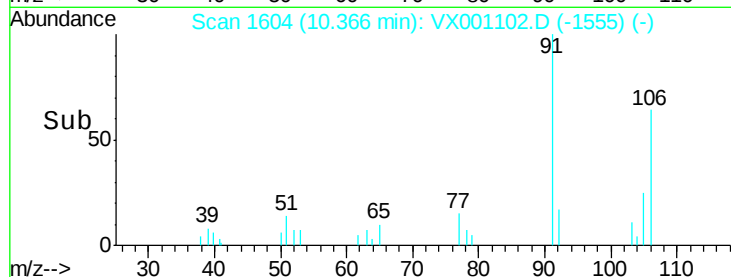
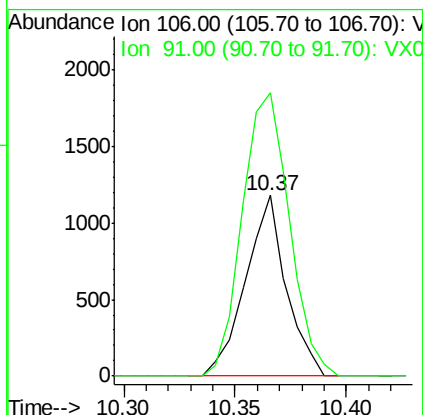
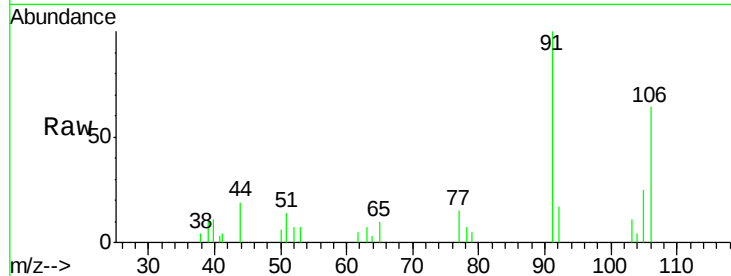




#68
m/p-Xvlenes
Concen: 0.30 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001102.D
Acq: 25 Apr 2018 03:00

Instrument :
MSVOA_X
ClientSampleId :
LF015MW006-180416

Tot Ion:106 Resp: 1498
Ion Ratio Lower Upper
106 100
91 181.2 159.3 238.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001102.D
Acq: 25 Apr 2018 03:00

Tgt Ion:152 Resp: 160283
Ion Ratio Lower Upper
152 100
115 54.2 38.2 114.6
150 158.2 0.0 350.4

