

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041418\
 Data File : VX000872.D
 Acq On : 14 Apr 2018 14:08
 Operator : JC/MD
 Sample : J2353-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW144-180410

Quant Time: Apr 16 06:43:37 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

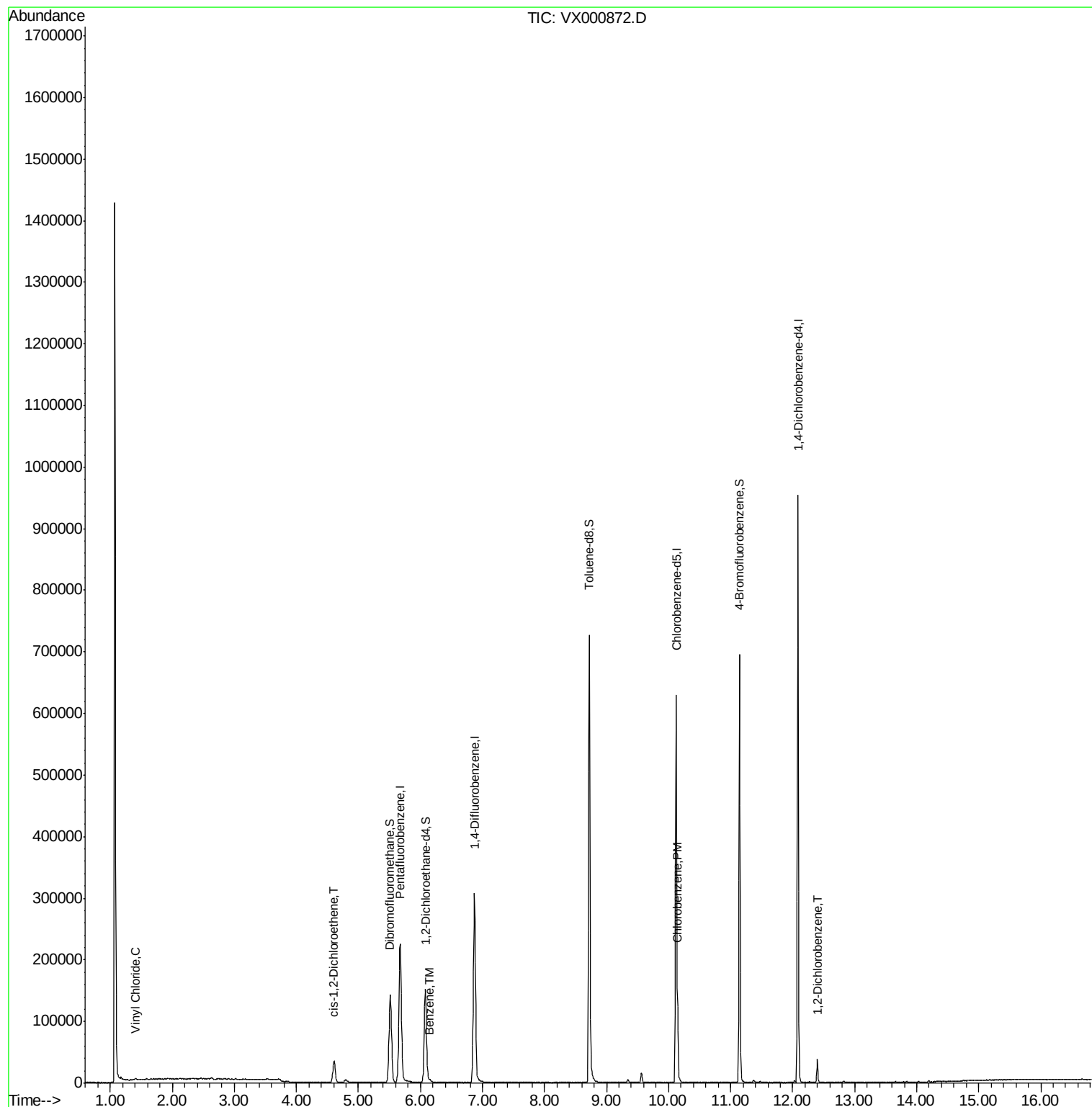
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	250284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	330158	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	303699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	200383	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	145527	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
35) Dibromofluoromethane	5.51	113	117151	46.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.12%	
50) Toluene-d8	8.72	98	460248	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	11.15	95	178425	45.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.06%	
Target Compounds						
4) Vinyl Chloride	1.40	62	1388	0.51	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	22358	7.78	ug/l	88
40) Benzene	6.15	78	4706	0.47	ug/l	96
65) Chlorobenzene	10.15	112	46645	6.11	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	11985	1.80	ug/l	98

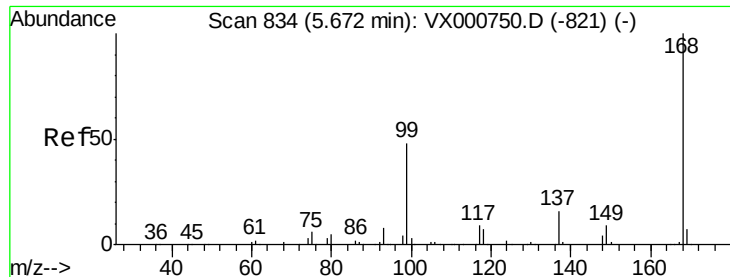
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX000872.D

Acq: 14 Apr 2018 14:08

Instrument :

MSVOA_X

ClientSampleId :

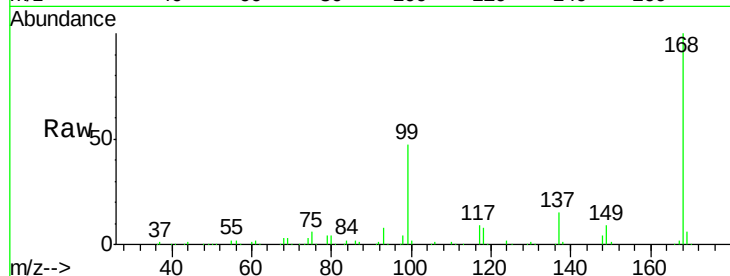
LF012MW144-180410

Tot Ion:168 Resp: 250284

Ion Ratio Lower Upper

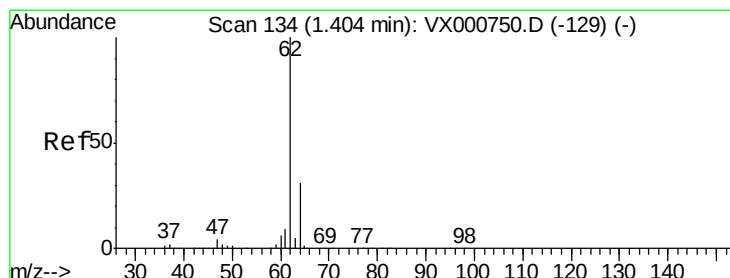
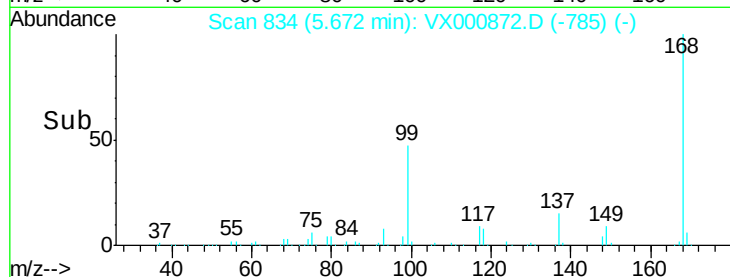
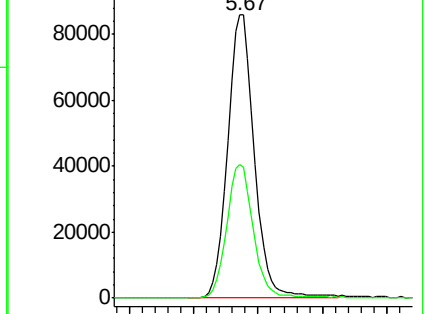
168 100

99 47.2 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 0.51 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000872.D

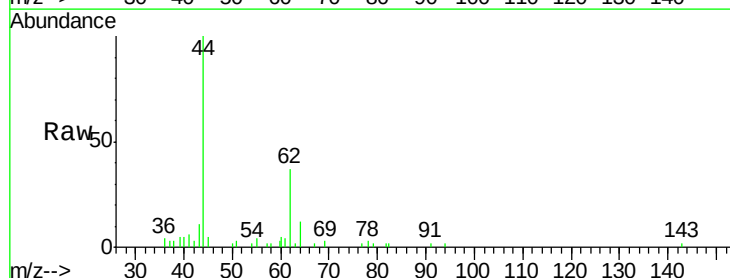
Acq: 14 Apr 2018 14:08

Tgt Ion: 62 Resp: 1388

Ion Ratio Lower Upper

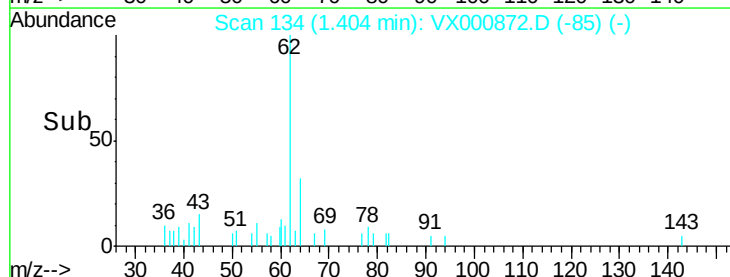
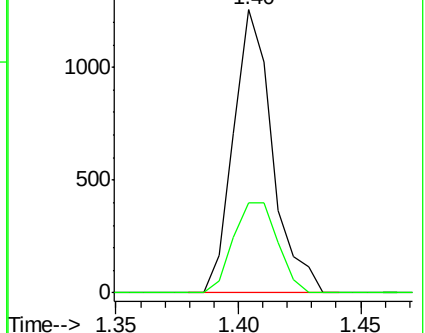
62 100

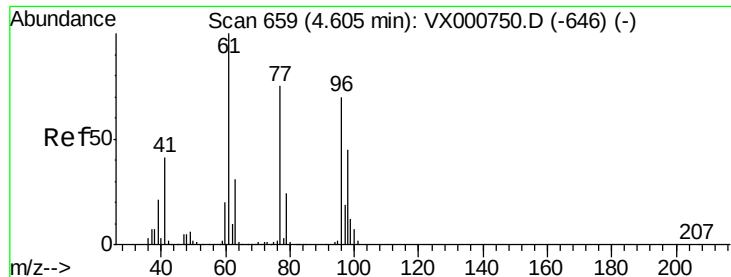
64 31.9 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 7.78 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000872.D

Acq: 14 Apr 2018 14:08

Instrument :

MSVOA_X

ClientSampleId :

LF012MW144-180410

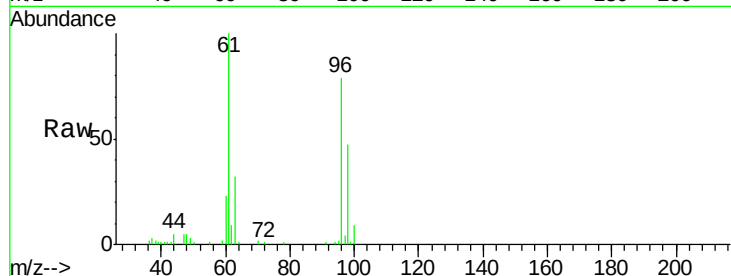
Tot Ion: 96 Resp: 22358

Ion Ratio Lower Upper

96 100

61 125.7 0.0 292.4

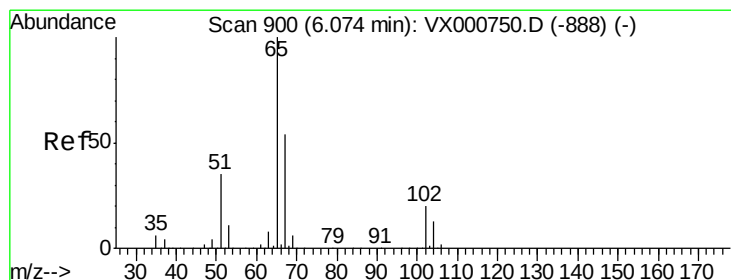
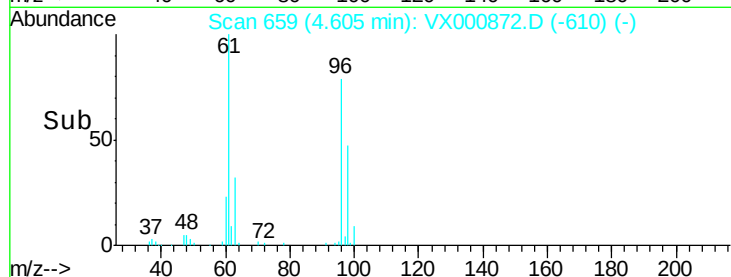
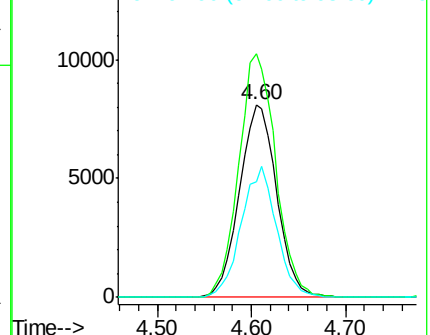
98 64.3 0.0 130.2



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: 46.11 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX000872.D

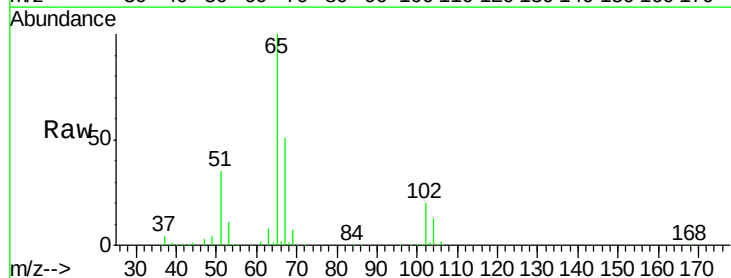
Acq: 14 Apr 2018 14:08

Tgt Ion: 65 Resp: 145527

Ion Ratio Lower Upper

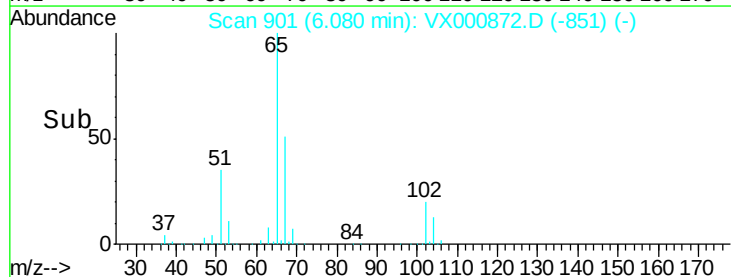
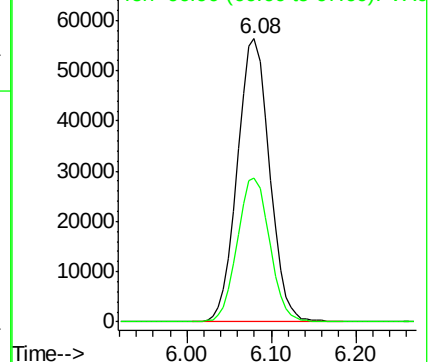
65 100

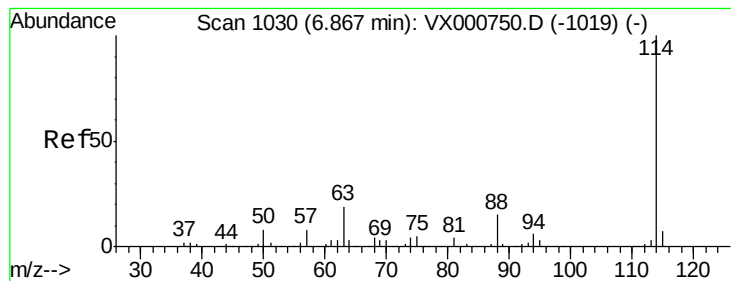
67 51.4 0.0 103.8



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# 1031

Delta R.T. 0.01 min

Lab File: VX000872.D

Acq: 14 Apr 2018 14:08

Instrument :

MSVOA_X

ClientSampleId :

LF012MW144-180410

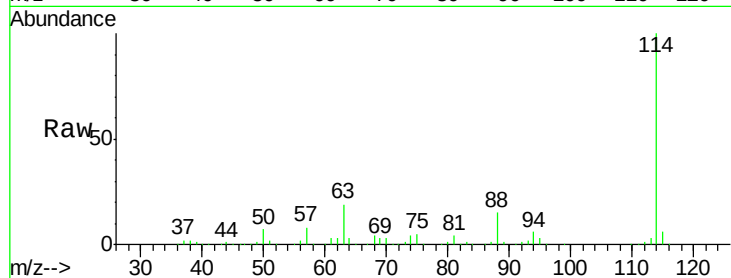
Tot Ion:114 Resp: 330158

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.4

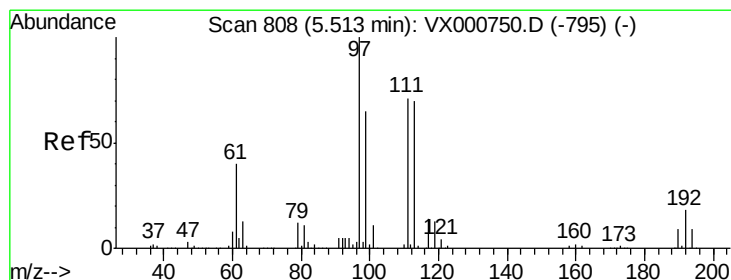
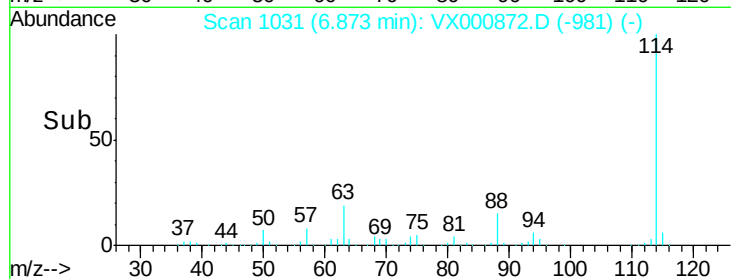
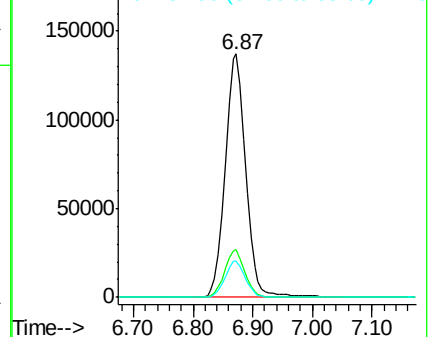
88 14.9 0.0 31.0



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: 46.06 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000872.D

Acq: 14 Apr 2018 14:08

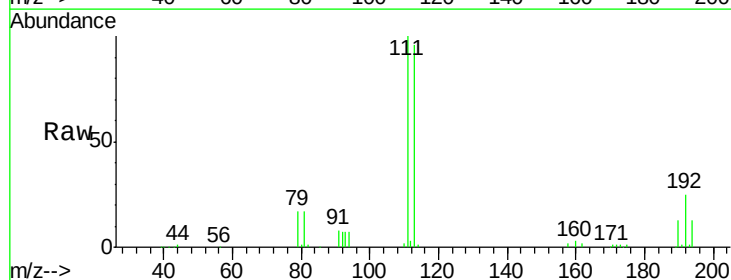
Tgt Ion:113 Resp: 117151

Ion Ratio Lower Upper

113 100

111 102.9 81.5 122.3

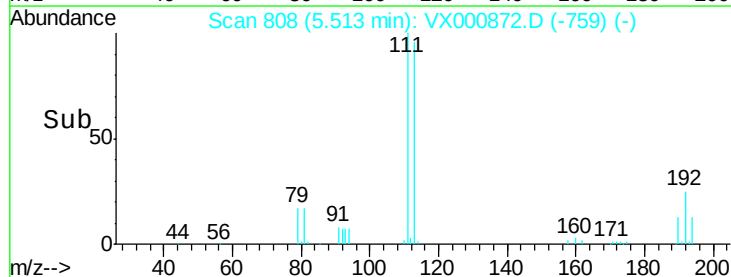
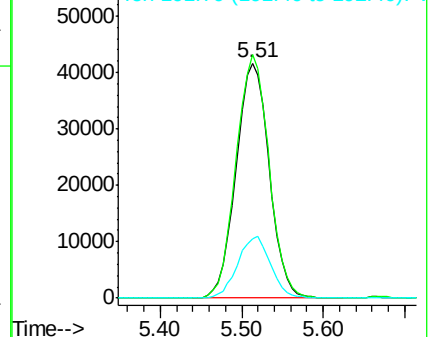
192 26.1 20.4 30.6

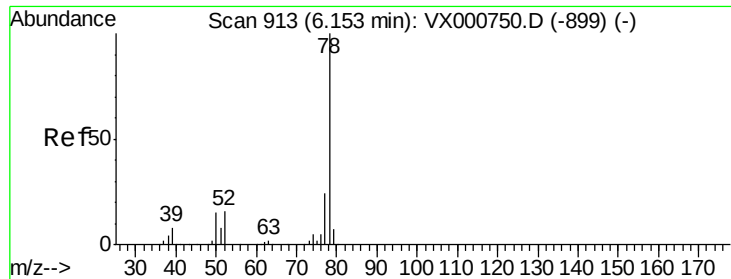


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.47 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX000872.D

Acq: 14 Apr 2018 14:08

Instrument :

MSVOA_X

ClientSampleId :

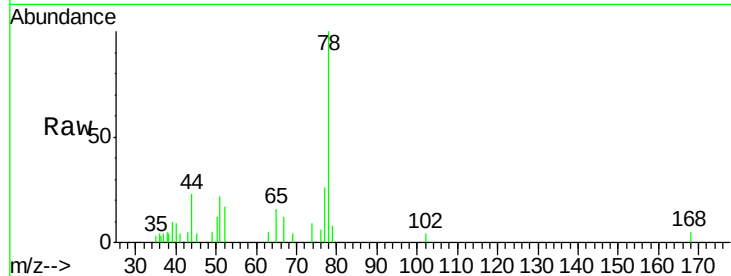
LF012MW144-180410

Tot Ion: 78 Resp: 4706

Ion Ratio Lower Upper

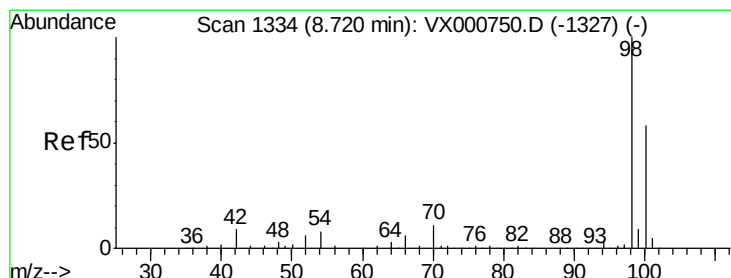
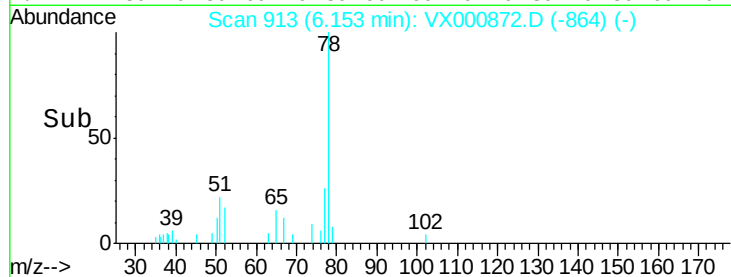
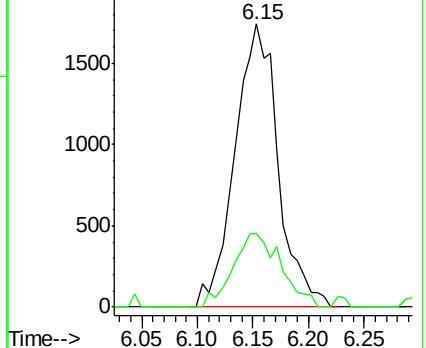
78 100

77 25.9 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 48.60 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000872.D

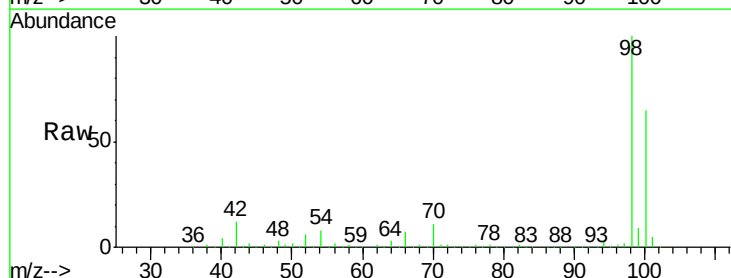
Acq: 14 Apr 2018 14:08

Tgt Ion: 98 Resp: 460248

Ion Ratio Lower Upper

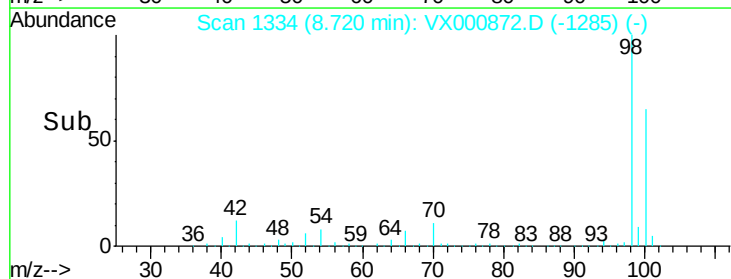
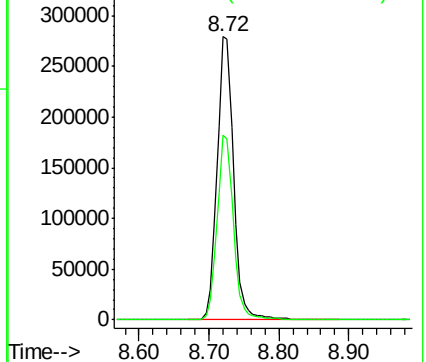
98 100

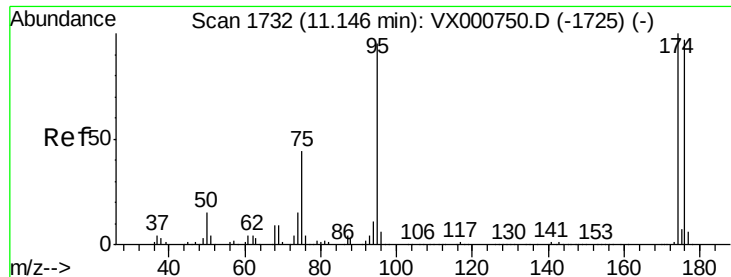
100 64.6 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

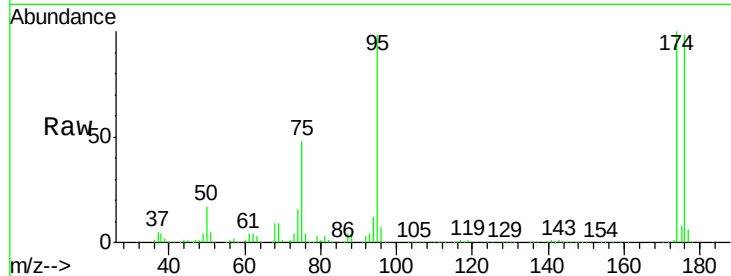




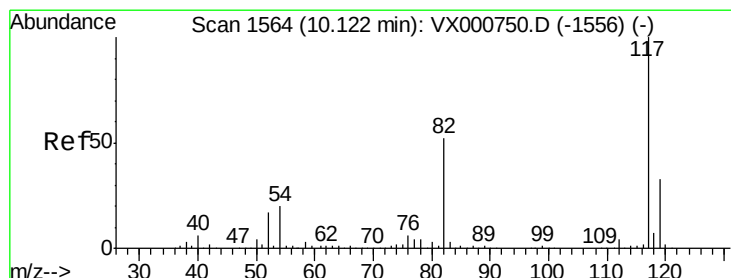
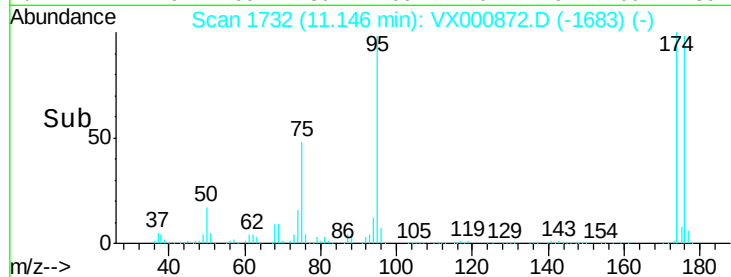
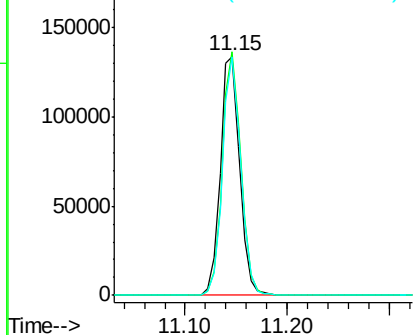
#62
4-Bromofluorobenzene
Concen: 45.53 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000872.D
Acq: 14 Apr 2018 14:08

Instrument :
MSVOA_X
ClientSampleId :
LF012MW144-180410

Tot Ion: 95 Resp: 178425
Ion Ratio Lower Upper
95 100
174 97.2 0.0 198.4
176 94.3 0.0 194.4

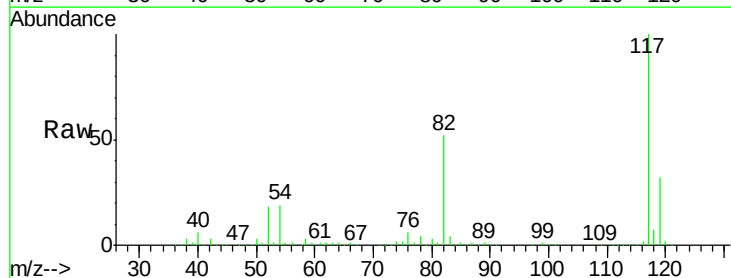


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

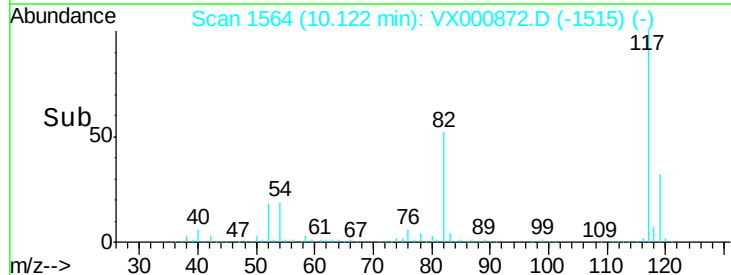
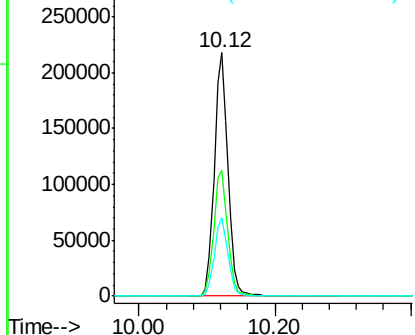


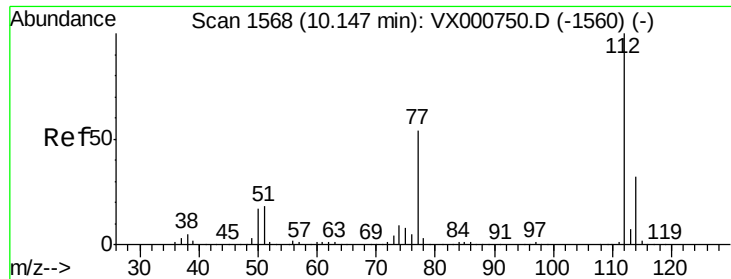
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000872.D
Acq: 14 Apr 2018 14:08

Tgt Ion: 117 Resp: 303699
Ion Ratio Lower Upper
117 100
82 51.8 41.9 62.9
119 32.2 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

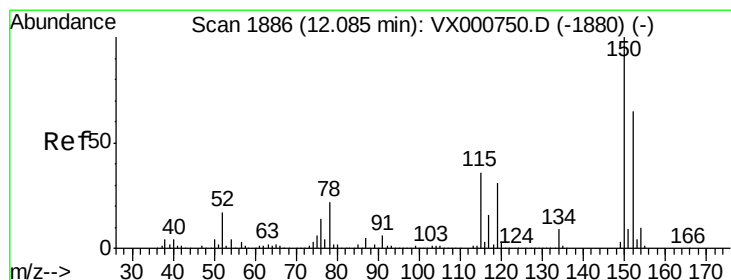
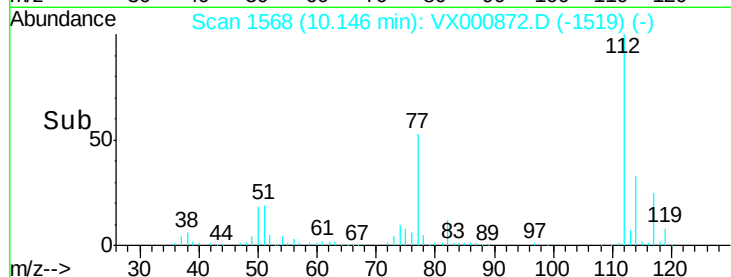
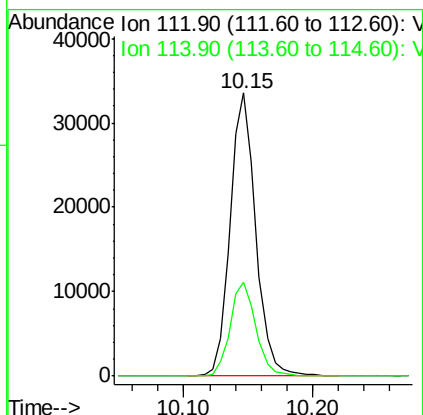
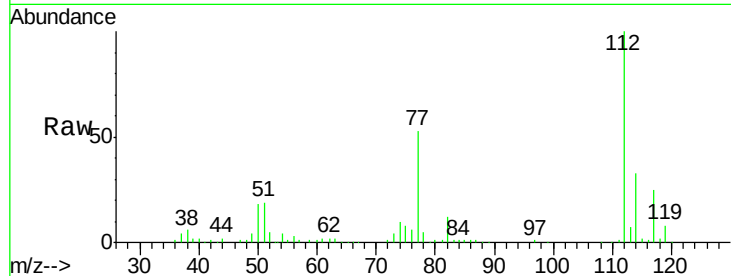




#65
Chlorobenzene
Concen: 6.11 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000872.D
Acq: 14 Apr 2018 14:08

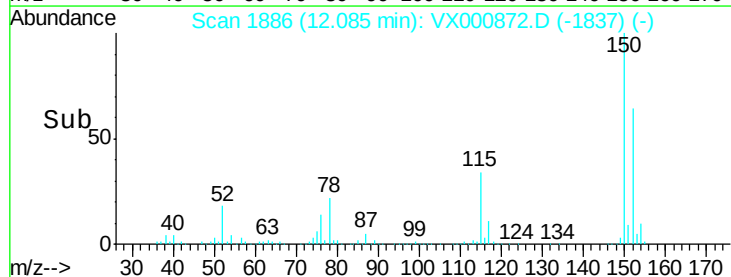
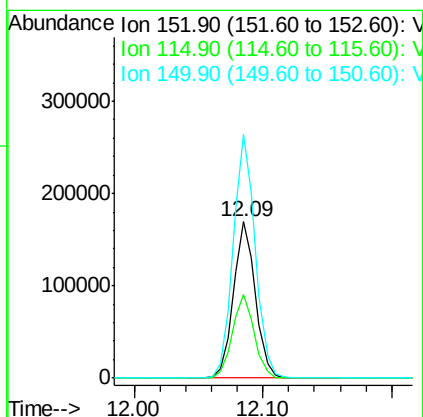
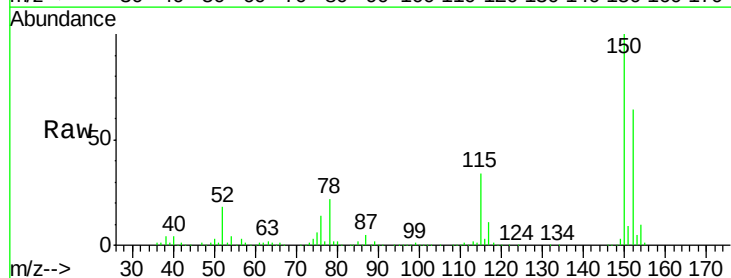
Instrument :
MSVOA_X
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LF012MW144-180410

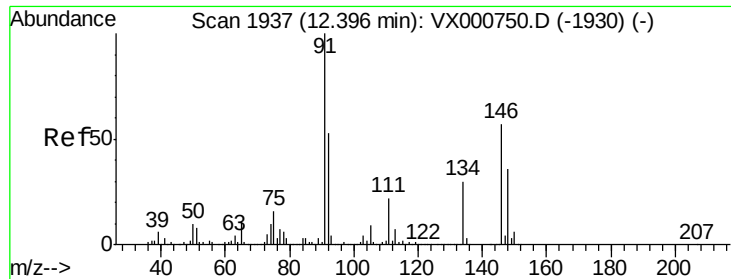
Tot Ion:112 Resp: 46645
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000872.D
Acq: 14 Apr 2018 14:08

Tgt Ion:152 Resp: 200383
Ion Ratio Lower Upper
152 100
115 53.5 37.9 113.7
150 156.9 0.0 348.0





#91

1,2-Dichlorobenzene

Concen: 1.80 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000872.D

Acq: 14 Apr 2018 14:08

Instrument :

MSVOA_X

ClientSampleId :

LF012MW144-180410

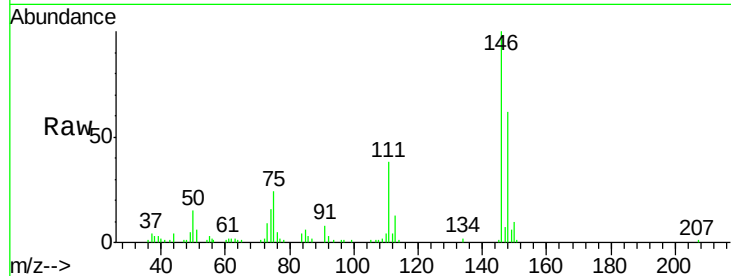
Tot Ion:146 Resp: 11985

Ion Ratio Lower Upper

146 100

111 38.2 18.9 56.7

148 66.2 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

