

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041418\
 Data File : VX000876.D
 Acq On : 14 Apr 2018 15:51
 Operator : JC/MD
 Sample : J2353-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW033-180411

Quant Time: Apr 16 06:49:26 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	251035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	328936	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	309416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	210632	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	144983	45.80	ug/l	0.00
Spiked Amount			Recovery	=	91.60%	
35) Dibromofluoromethane	5.51	113	117666	46.43	ug/l	0.00
Spiked Amount			Recovery	=	92.86%	
50) Toluene-d8	8.72	98	462973	49.06	ug/l	0.00
Spiked Amount			Recovery	=	98.12%	
62) 4-Bromofluorobenzene	11.15	95	183051	46.89	ug/l	0.00
Spiked Amount			Recovery	=	93.78%	

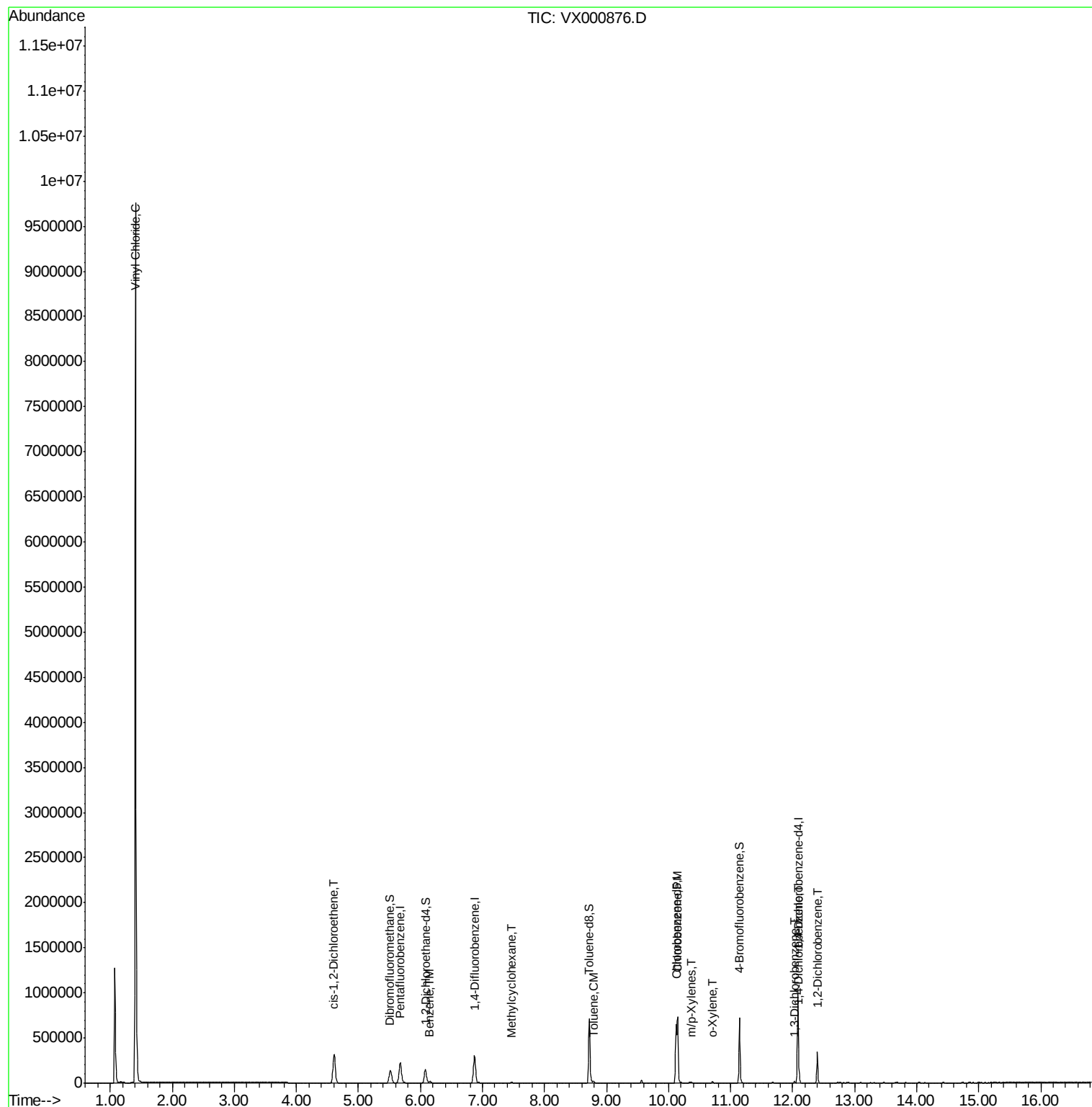
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	6325522	2314.61	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	208319	72.25	ug/l	88
39) Methylcyclohexane	7.47	83	3632	0.83	ug/l #	93
40) Benzene	6.15	78	16503	1.64	ug/l	100
52) Toluene	8.79	92	3347	0.50	ug/l	97
65) Chlorobenzene	10.15	112	328370	42.19	ug/l	99
68) m/p-Xylenes	10.37	106	2763	0.54	ug/l	100
69) o-Xylene	10.71	106	3599	0.73	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	6879	0.95	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	34340	4.62	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	112712	16.11	ug/l	99

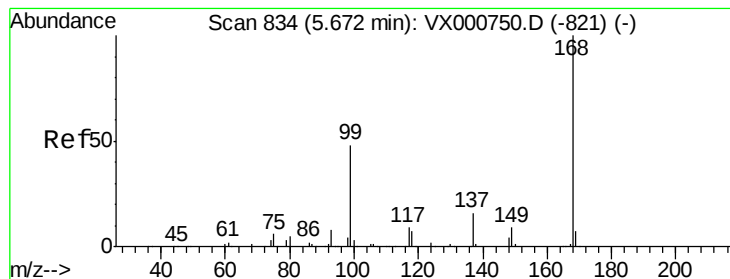
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041418\
Data File : VX000876.D
Acq On : 14 Apr 2018 15:51
Operator : JC/MD
Sample : J2353-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF012MW033-180411

Quant Time: Apr 16 06:49:26 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000876.D

Acq: 14 Apr 2018 15:51

Instrument :

MSVOA_X

ClientSampleId :

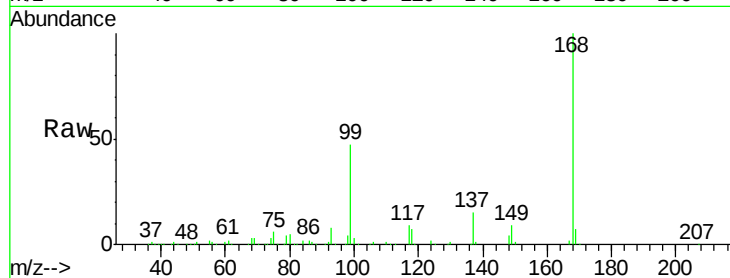
LF012MW033-180411

Tot Ion:168 Resp: 251035

Ion Ratio Lower Upper

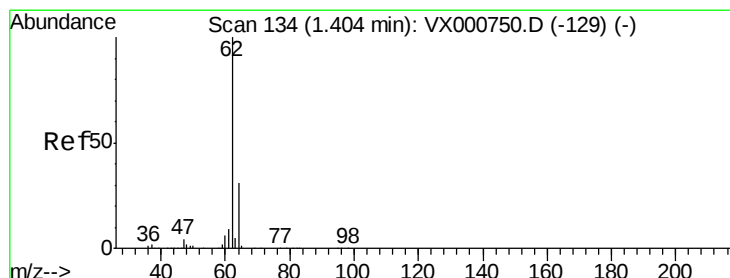
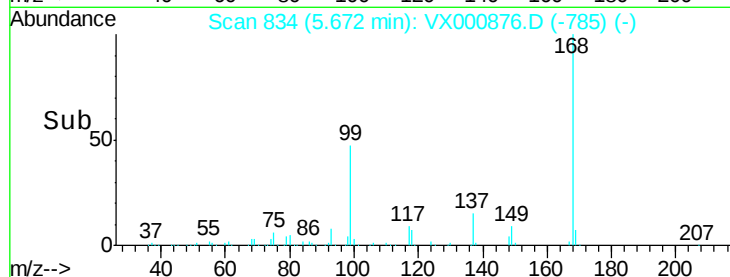
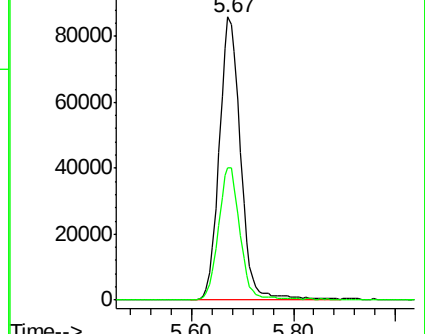
168 100

99 46.9 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: 2314.61 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000876.D

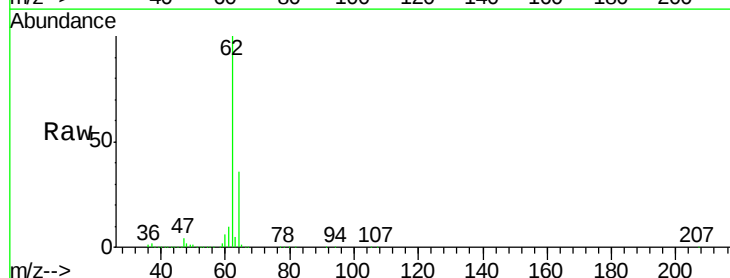
Acq: 14 Apr 2018 15:51

Tgt Ion: 62 Resp: 6325522

Ion Ratio Lower Upper

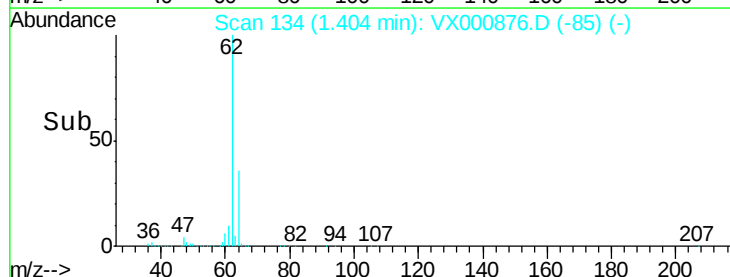
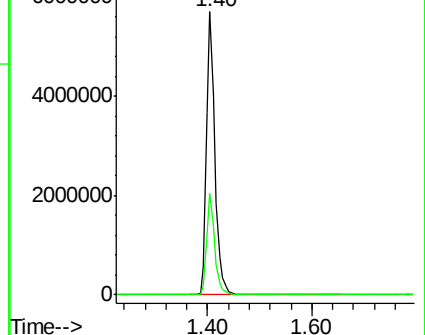
62 100

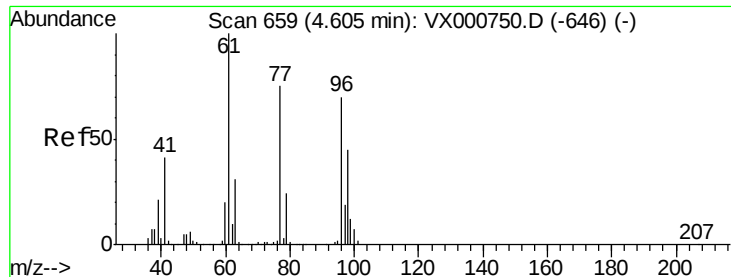
64 35.7 24.6 36.8



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: 72.25 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000876.D

Acq: 14 Apr 2018 15:51

Instrument :

MSVOA_X

ClientSampleId :

LF012MW033-180411

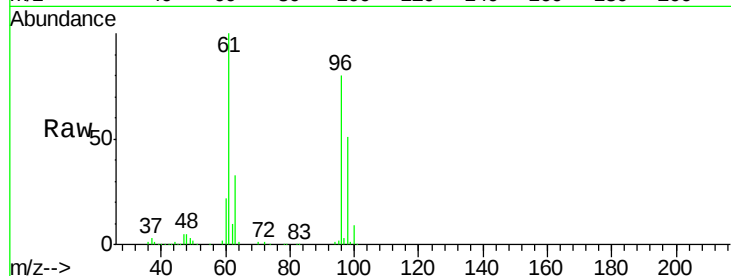
Tot Ion: 96 Resp: 208319

Ion Ratio Lower Upper

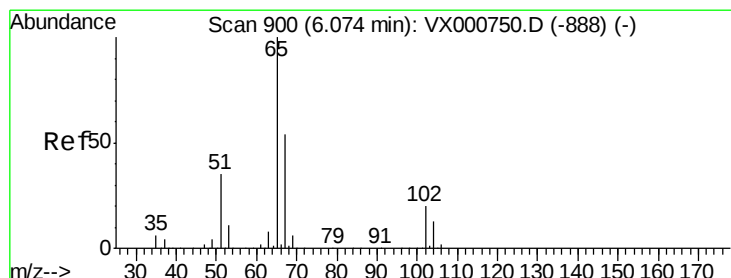
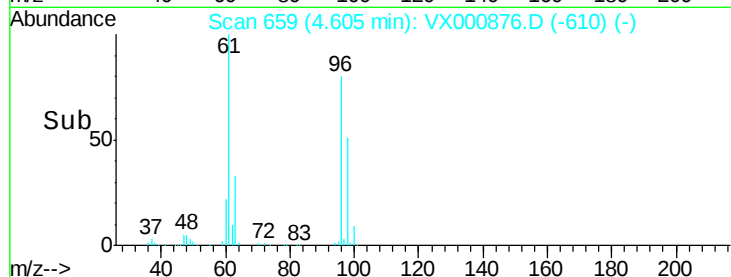
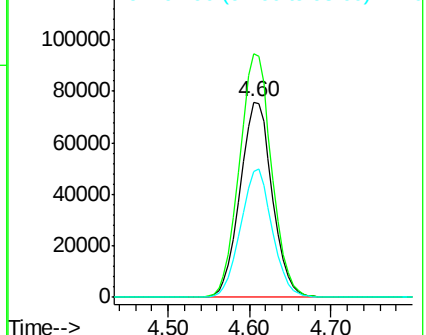
96 100

61 124.8 0.0 292.4

98 64.5 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: 45.80 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX000876.D

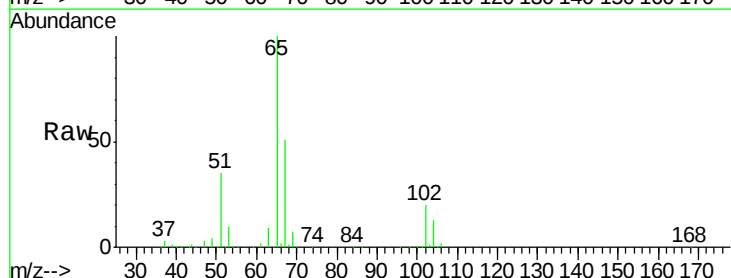
Acq: 14 Apr 2018 15:51

Tgt Ion: 65 Resp: 144983

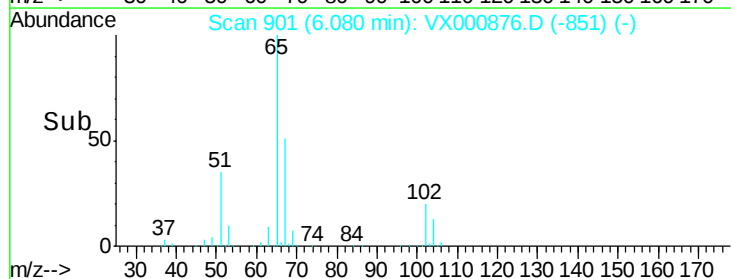
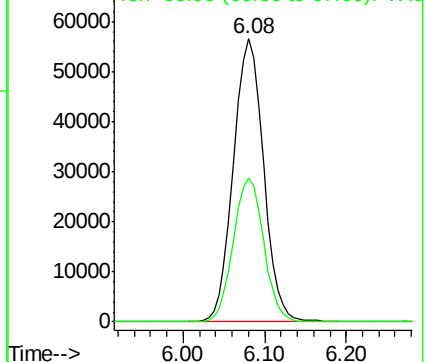
Ion Ratio Lower Upper

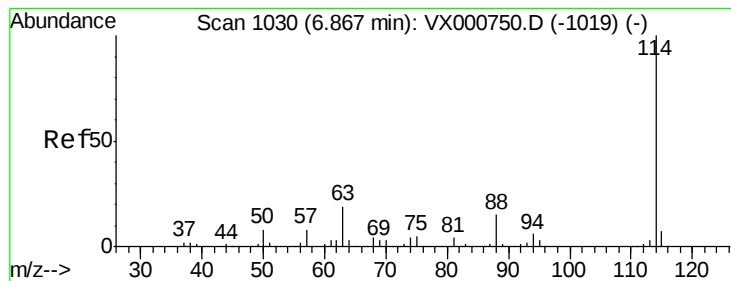
65 100

67 51.0 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: VX000876.D

Acq: 14 Apr 2018 15:51

Instrument :

MSVOA_X

ClientSampleId :

LF012MW033-180411

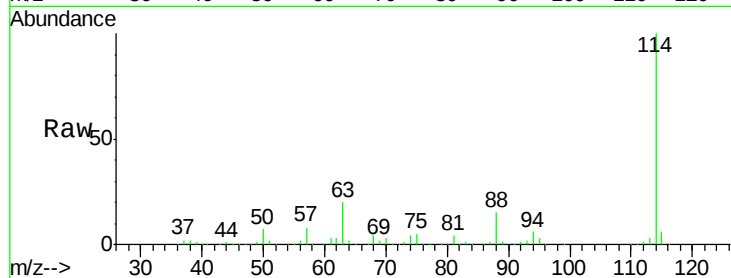
Tot Ion:114 Resp: 328936

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.4

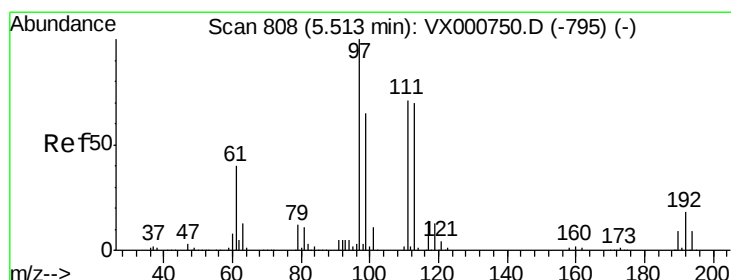
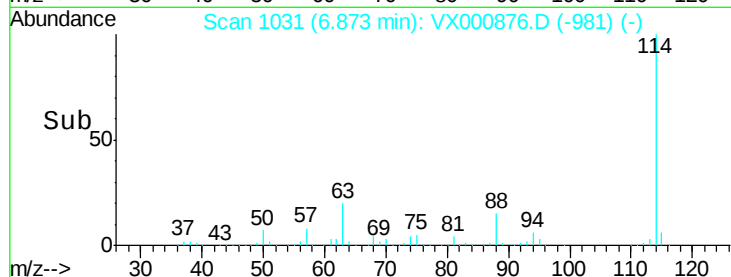
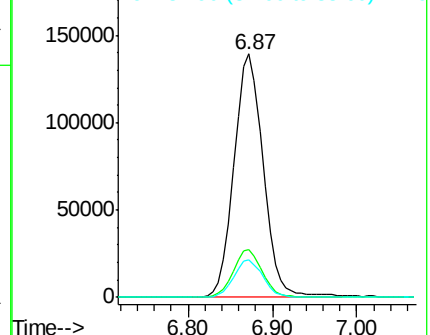
88 15.2 0.0 31.0



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: 46.43 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000876.D

Acq: 14 Apr 2018 15:51

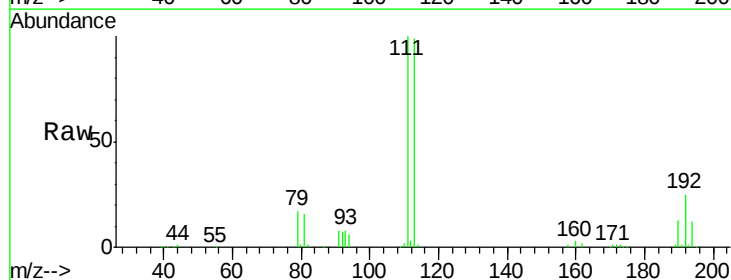
Tgt Ion:113 Resp: 117666

Ion Ratio Lower Upper

113 100

111 102.1 81.5 122.3

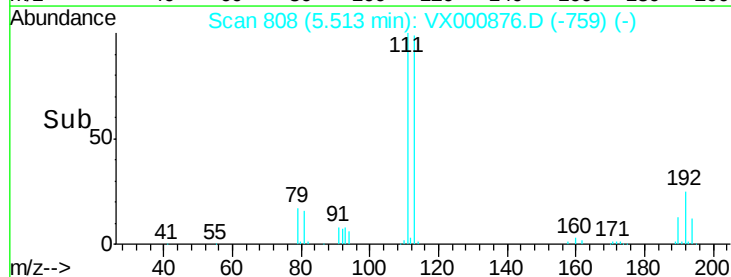
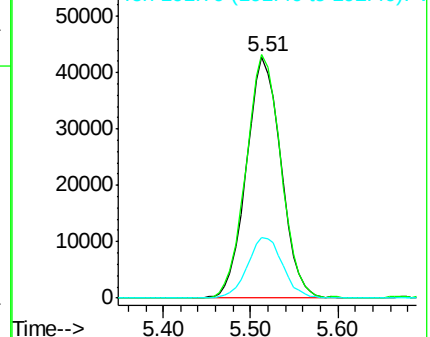
192 25.4 20.4 30.6

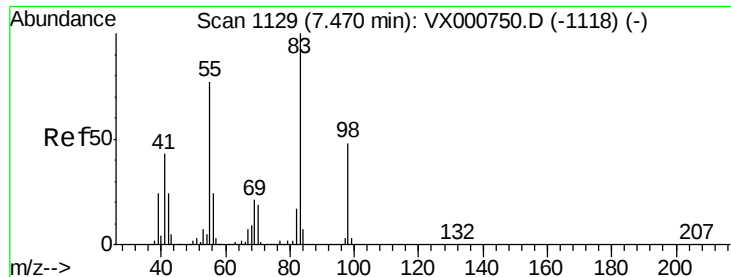


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

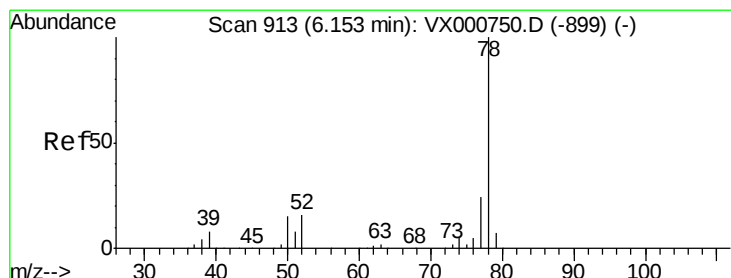
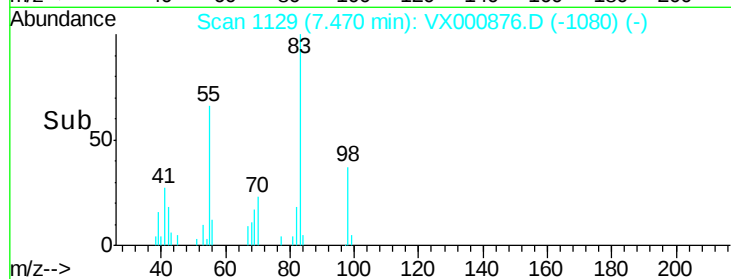
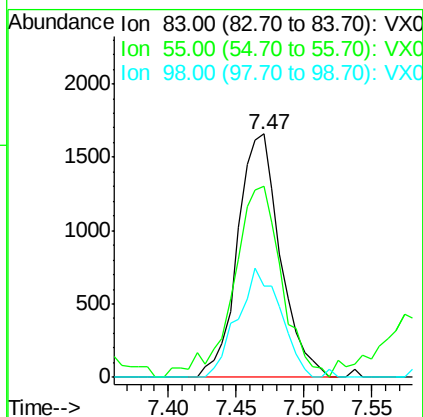
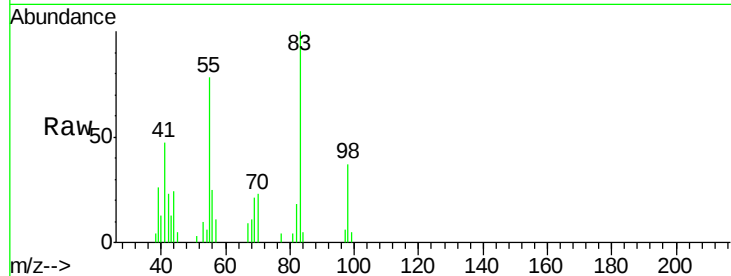




#39
Methvlcvclohexane
Concen: 0.83 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000876.D
Acq: 14 Apr 2018 15:51

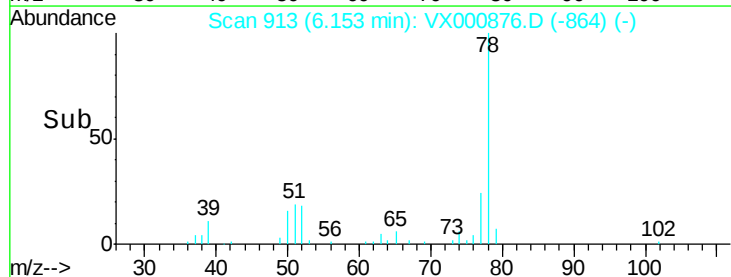
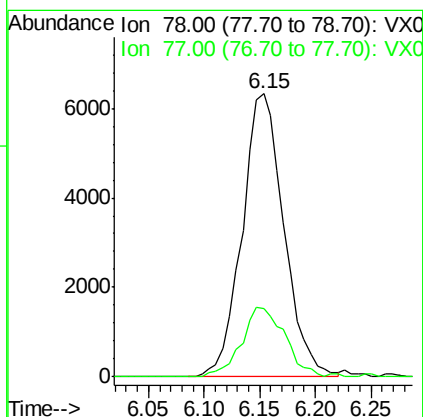
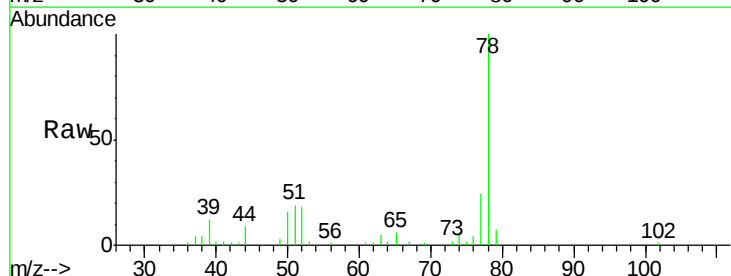
Instrument :
MSVOA_X
ClientSampleId :
LF012MW033-180411

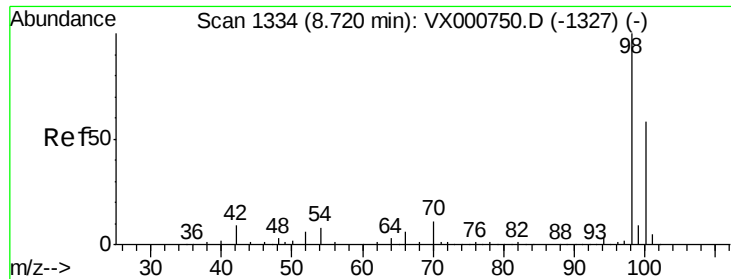
Tot Ion: 83 Resp: 3632
Ion Ratio Lower Upper
83 100
55 74.9 61.5 92.3
98 37.3 38.1 57.1#



#40
Benzene
Concen: 1.64 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000876.D
Acq: 14 Apr 2018 15:51

Tgt Ion: 78 Resp: 16503
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6

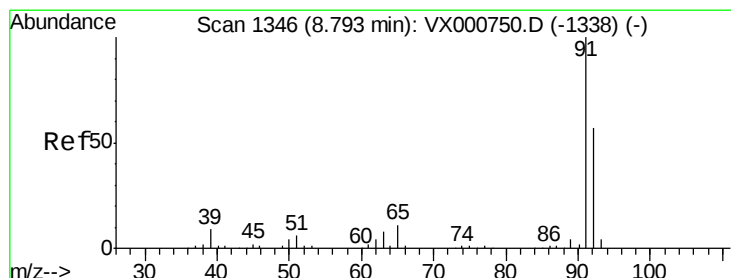
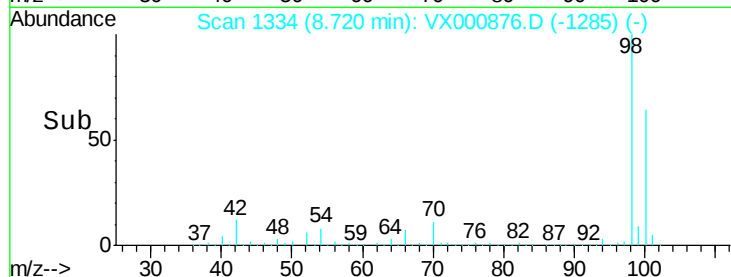
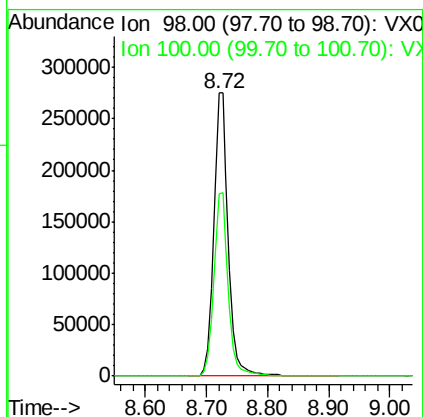
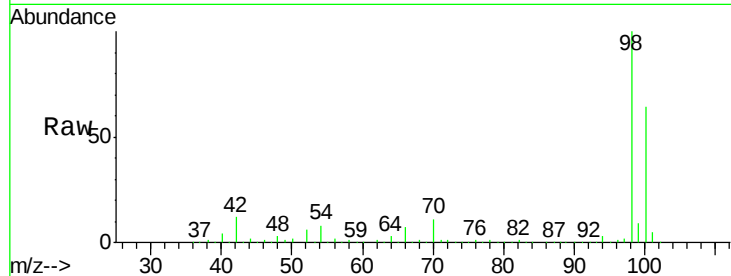




#50
Toluene-d8
Concen: 49.06 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX000876.D
Acq: 14 Apr 2018 15:51

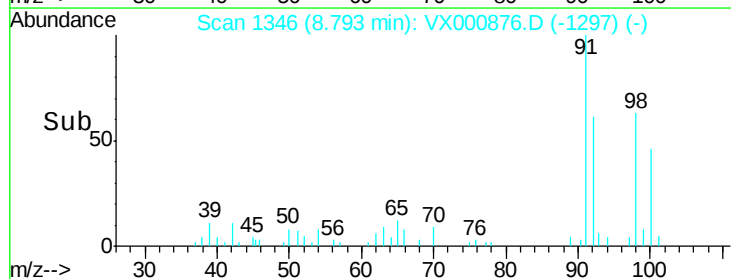
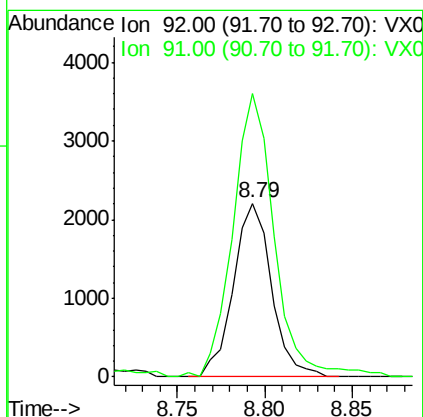
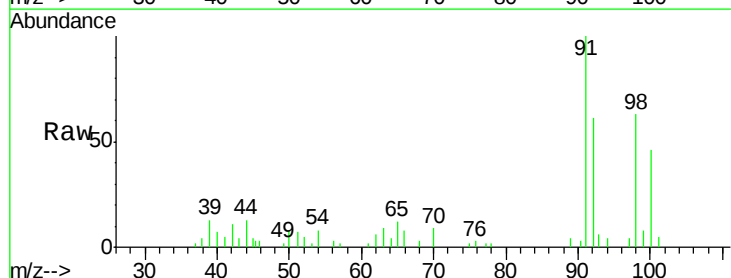
Instrument :
MSVOA_X
ClientSampleId :
LF012MW033-180411

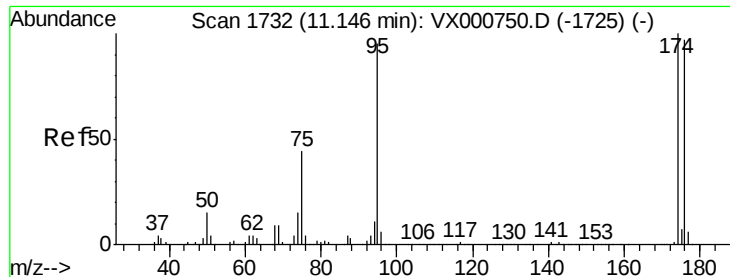
Tot Ion: 98 Resp: 462973
Ion Ratio Lower Upper
98 100
100 64.6 52.6 79.0



#52
Toluene
Concen: 0.50 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX000876.D
Acq: 14 Apr 2018 15:51

Tgt Ion: 92 Resp: 3347
Ion Ratio Lower Upper
92 100
91 178.1 139.0 208.4

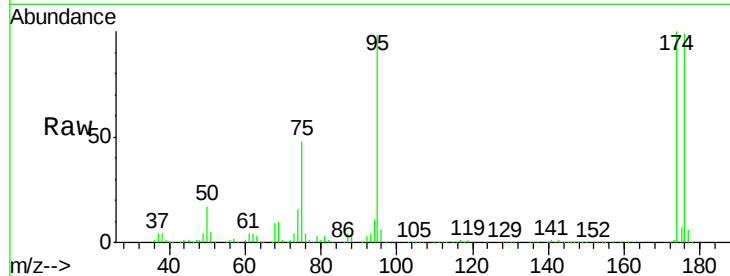




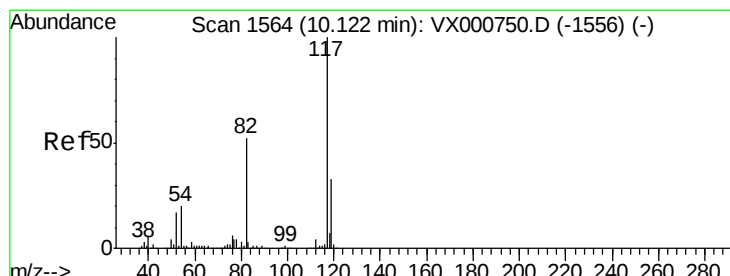
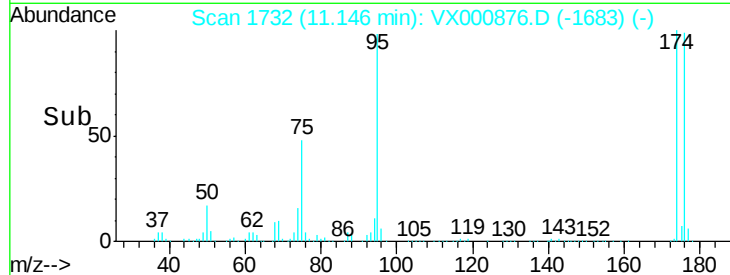
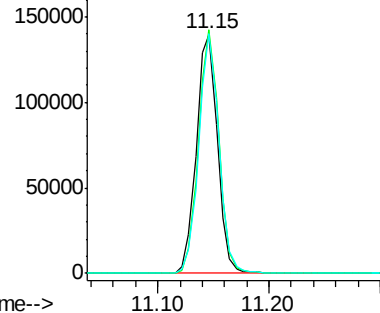
#62
4-Bromofluorobenzene
Concen: 46.89 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000876.D
Acq: 14 Apr 2018 15:51

Instrument :
MSVOA_X
ClientSampleId :
LF012MW033-180411

Tot Ion: 95 Resp: 183051
Ion Ratio Lower Upper
95 100
174 98.4 0.0 198.4
176 96.0 0.0 194.4

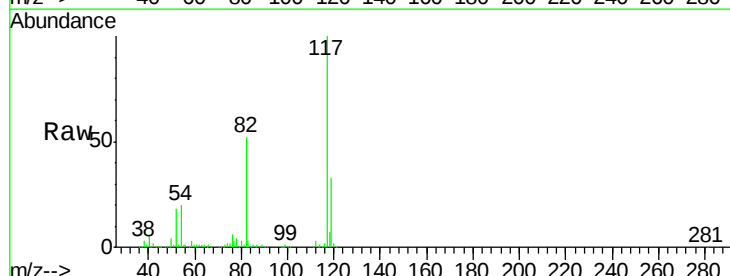


Abundance Ion 94.90 (94.60 to 95.60): VX
Ion 173.80 (173.50 to 174.50): VX
Ion 175.80 (175.50 to 176.50): VX

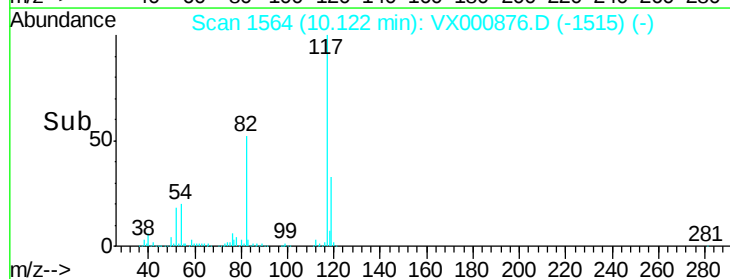
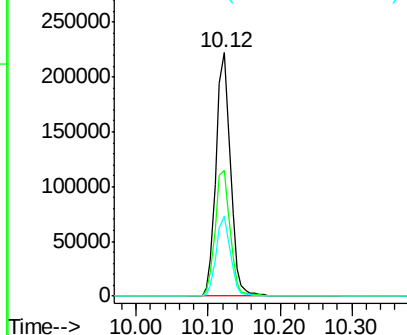


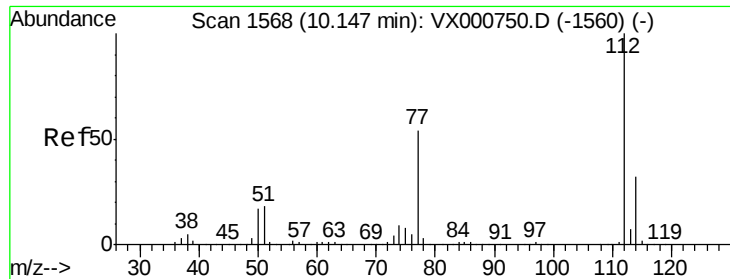
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000876.D
Acq: 14 Apr 2018 15:51

Tgt Ion: 117 Resp: 309416
Ion Ratio Lower Upper
117 100
82 51.6 41.9 62.9
119 32.7 26.0 39.0



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

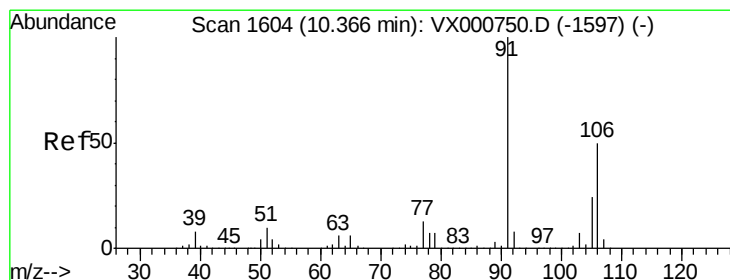
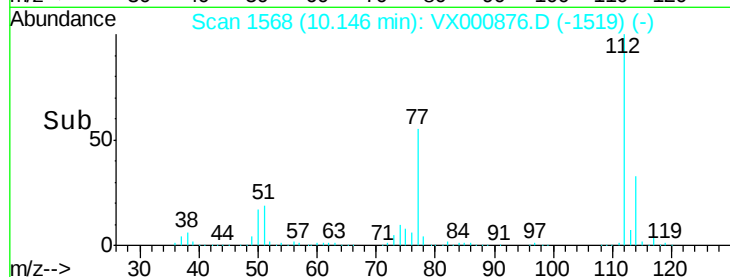
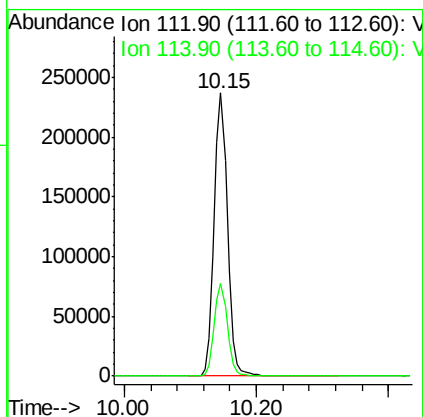
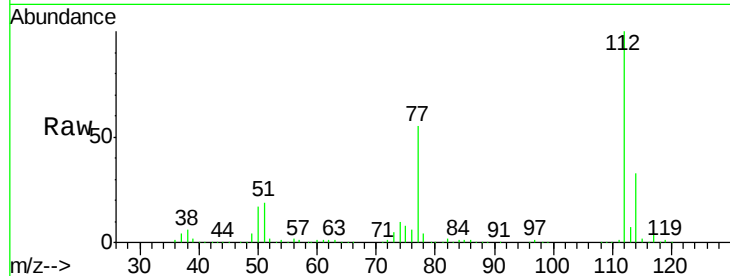




#65
Chlorobenzene
Concen: 42.19 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000876.D
Acq: 14 Apr 2018 15:51

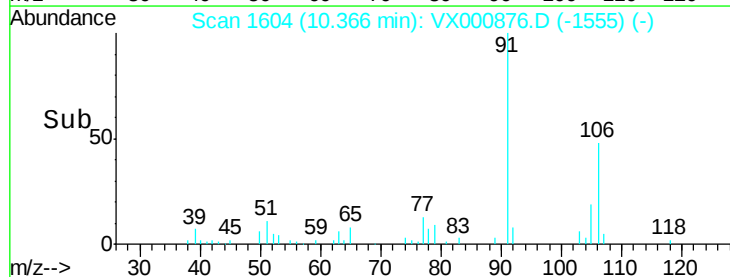
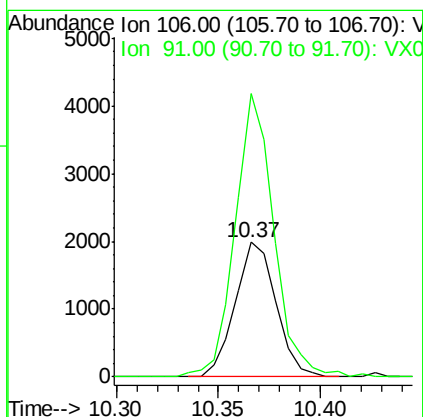
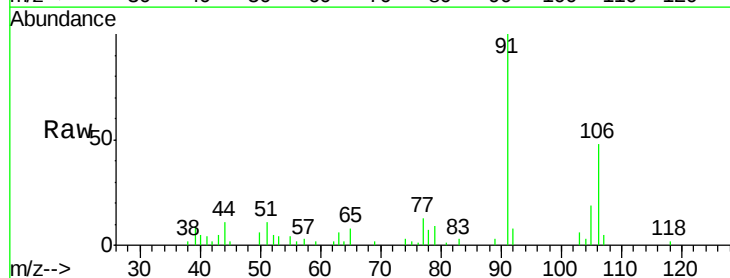
Instrument :
MSVOA_X
ClientSampleId :
LF012MW033-180411

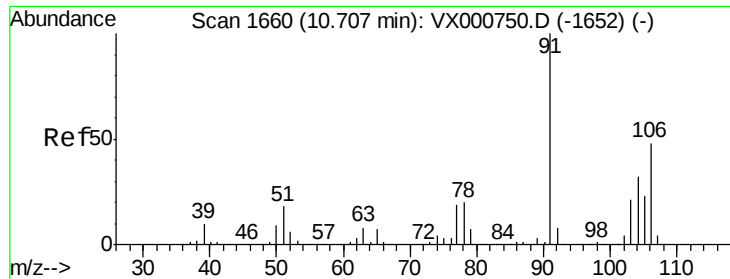
Tot Ion:112 Resp: 328370
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.8



#68
m/p-Xylenes
Concen: 0.54 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000876.D
Acq: 14 Apr 2018 15:51

Tgt Ion:106 Resp: 2763
Ion Ratio Lower Upper
106 100
91 199.4 159.3 238.9

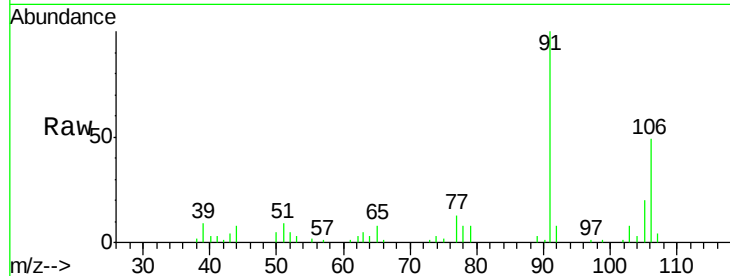




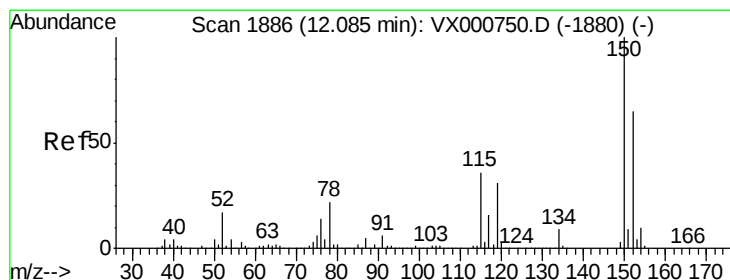
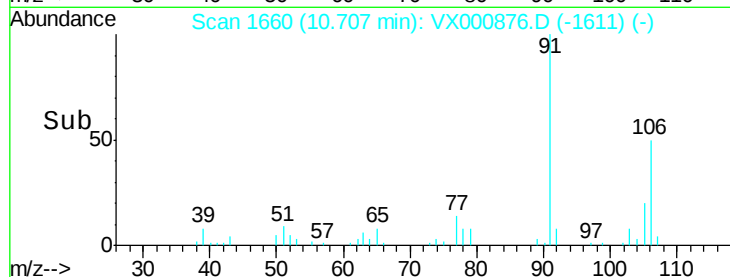
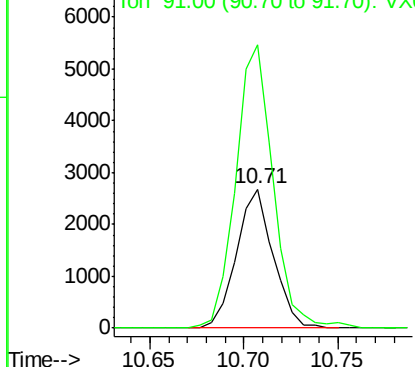
#69
o-Xylene
Concen: 0.73 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000876.D
Acq: 14 Apr 2018 15:51

Instrument :
MSVOA_X
ClientSampleId :
LF012MW033-180411

Tot Ion:106 Resp: 3599
Ion Ratio Lower Upper
106 100
91 207.9 105.0 315.0

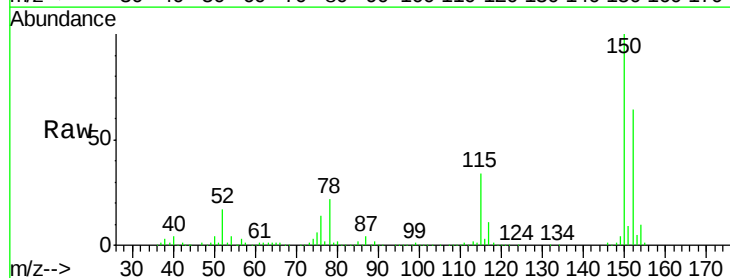


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

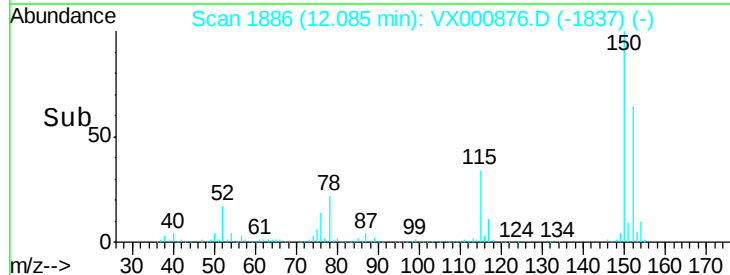
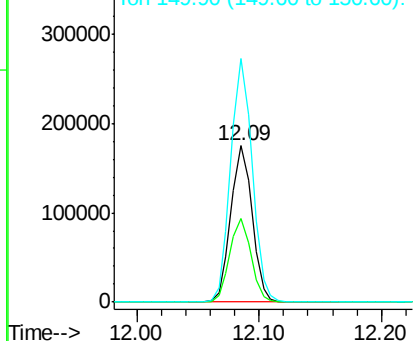


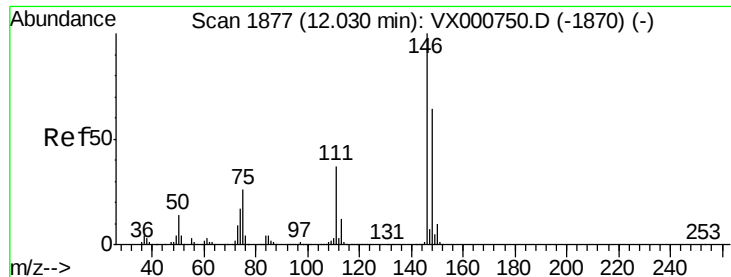
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000876.D
Acq: 14 Apr 2018 15:51

Tgt Ion:152 Resp: 210632
Ion Ratio Lower Upper
152 100
115 53.2 37.9 113.7
150 157.2 0.0 348.0



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

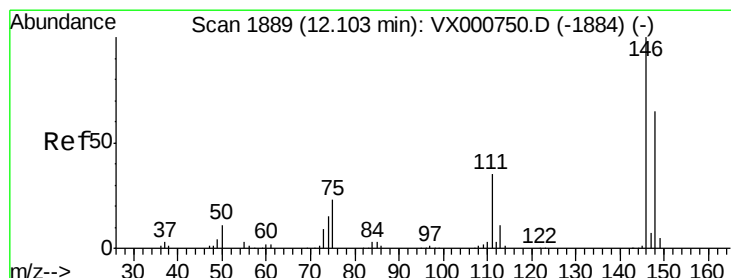
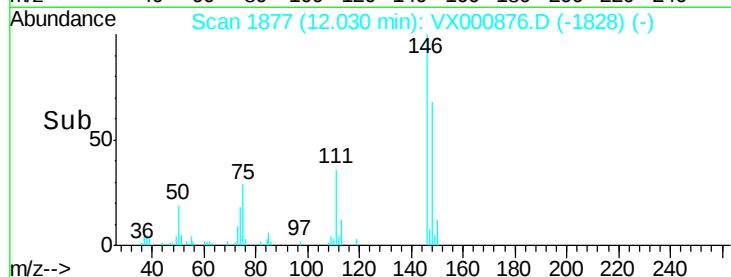
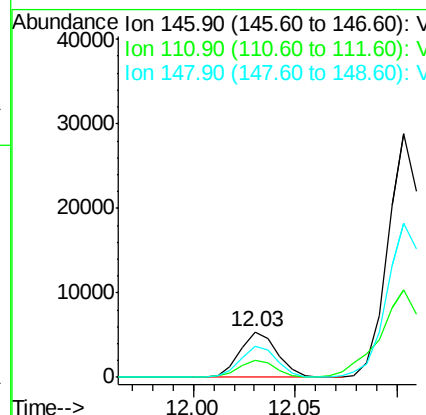
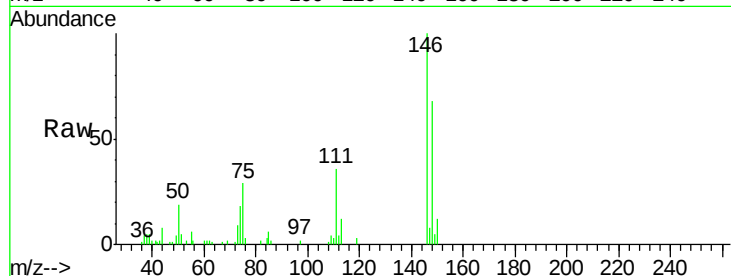




#87
 1,3-Dichlorobenzene
 Concen: 0.95 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000876.D
 Acq: 14 Apr 2018 15:51

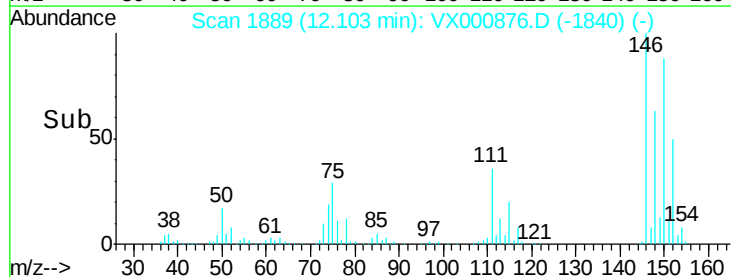
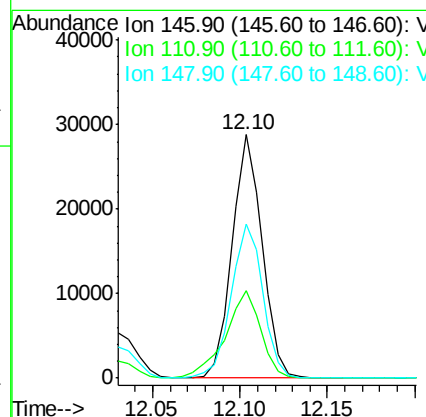
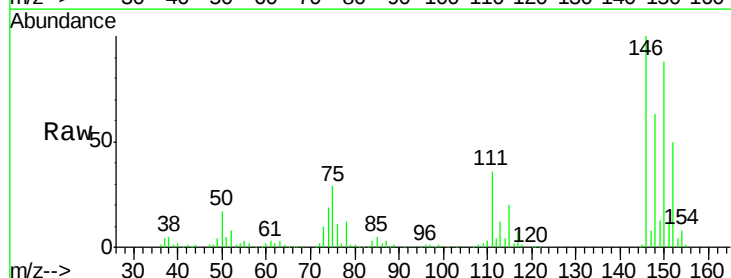
Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW033-180411

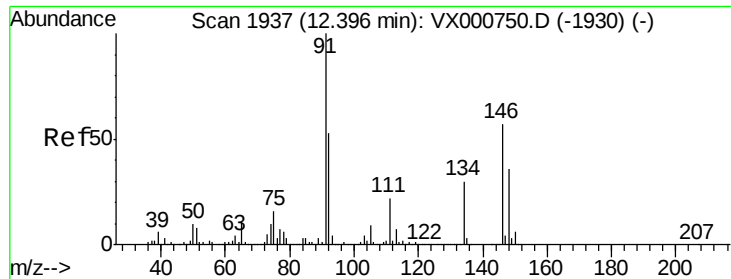
Tot Ion:146 Resp: 6879
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.3 54.8
 148 67.6 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 4.62 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000876.D
 Acq: 14 Apr 2018 15:51

Tgt Ion:146 Resp: 34340
 Ion Ratio Lower Upper
 146 100
 111 42.7 17.9 53.8
 148 67.3 32.6 97.7





#91

1,2-Dichlorobenzene

Concen: 16.11 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000876.D

Acq: 14 Apr 2018 15:51

Instrument :

MSVOA_X

ClientSampleId :

LF012MW033-180411

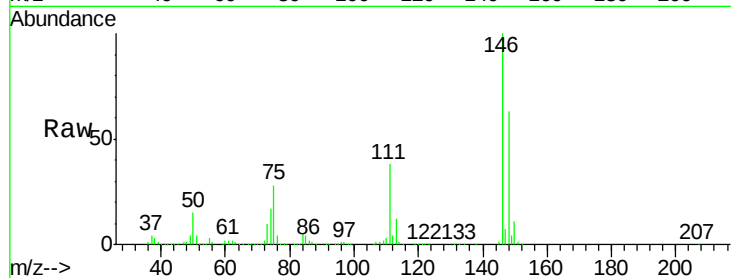
Tot Ion:146 Resp: 112712

Ion Ratio Lower Upper

146 100

111 38.4 18.9 56.7

148 64.3 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

