

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041418\
 Data File : VX000871.D
 Acq On : 14 Apr 2018 13:42
 Operator : JC/MD
 Sample : J2353-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW003-180410

Quant Time: Apr 16 06:41:28 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	253017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	340651	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	311590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	206217	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	147495	46.23	ug/l	0.00
Spiked Amount						
			Recovery	=	92.46%	
35) Dibromofluoromethane	5.51	113	119603	45.57	ug/l	0.00
Spiked Amount						
			Recovery	=	91.14%	
50) Toluene-d8	8.72	98	465502	47.64	ug/l	0.00
Spiked Amount						
			Recovery	=	95.28%	
62) 4-Bromofluorobenzene	11.15	95	181262	44.83	ug/l	0.00
Spiked Amount						
			Recovery	=	89.66%	

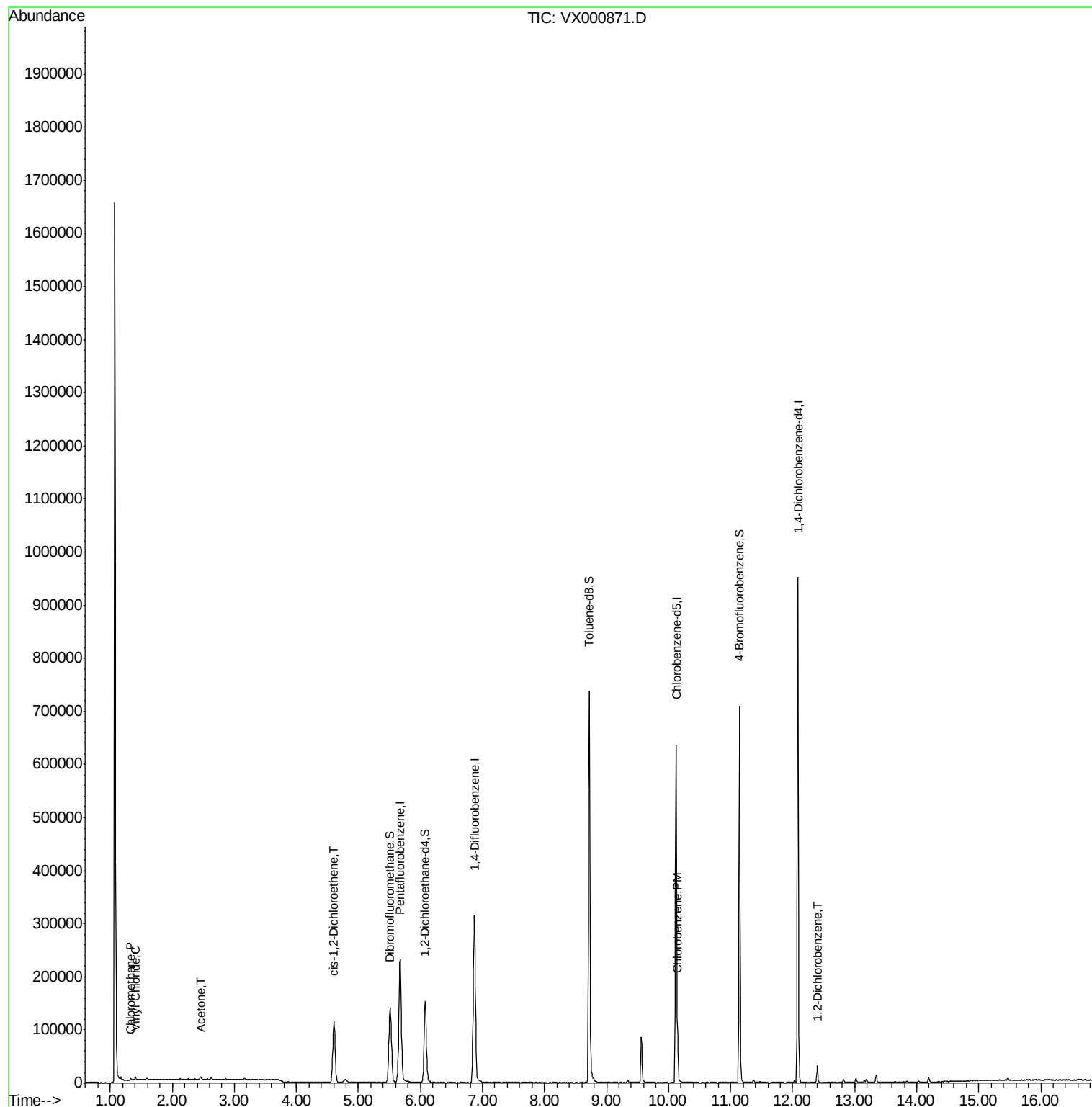
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1815	0.74	ug/l	94
4) Vinyl Chloride	1.40	62	3281	1.19	ug/l	94
16) Acetone	2.45	43	4612	4.19	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	74617	25.68	ug/l	89
65) Chlorobenzene	10.15	112	33265	4.24	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	9686	1.41	ug/l	97

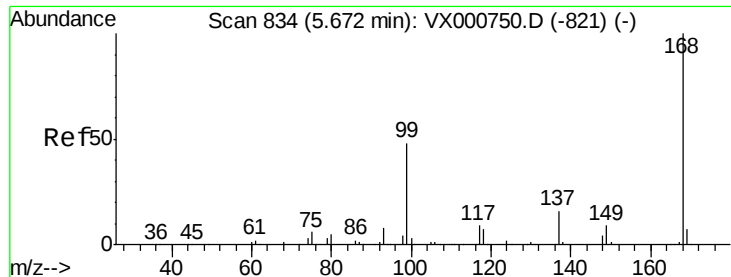
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX000871.D

Acq: 14 Apr 2018 13:42

Instrument :

MSVOA_X

ClientSampleId :

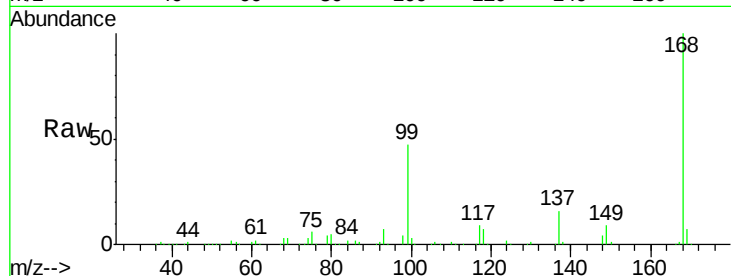
LF012MW003-180410

Tot Ion:168 Resp: 253017

Ion Ratio Lower Upper

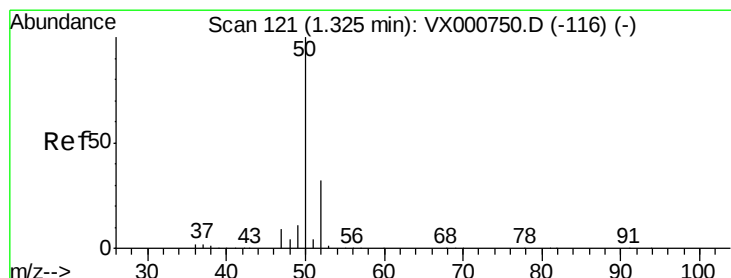
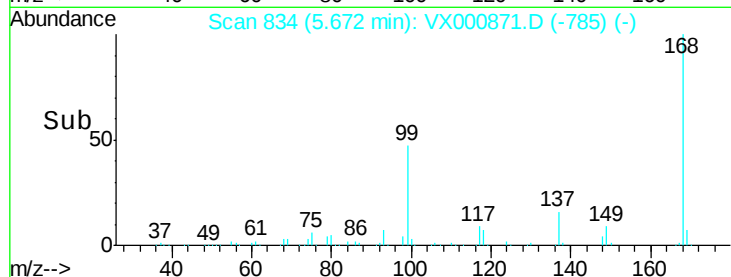
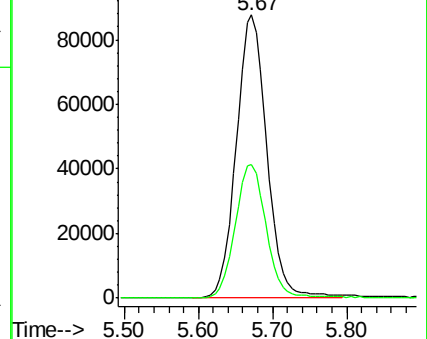
168 100

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



#3

Chloromethane

Concen: 0.74 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000871.D

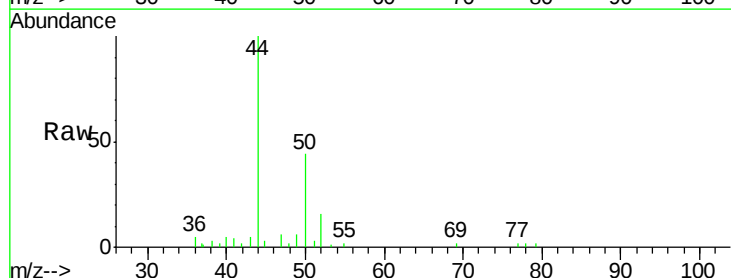
Acq: 14 Apr 2018 13:42

Tgt Ion: 50 Resp: 1815

Ion Ratio Lower Upper

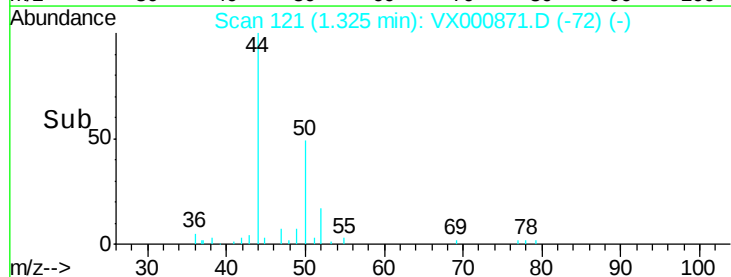
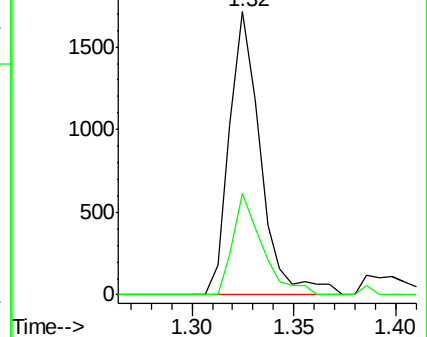
50 100

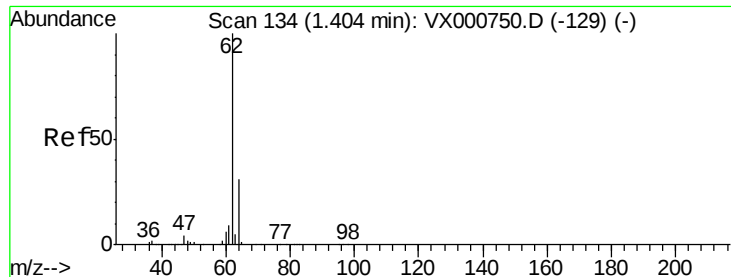
52 35.7 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 1.19 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000871.D

Acq: 14 Apr 2018 13:42

Instrument :

MSVOA_X

ClientSampleId :

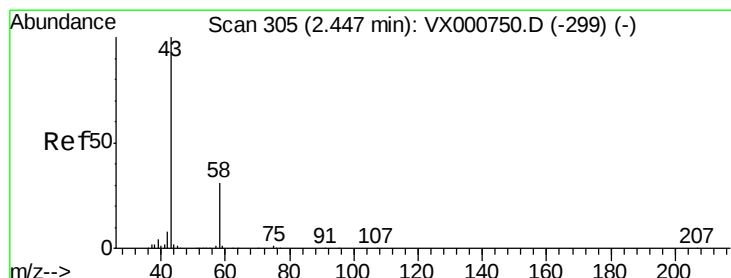
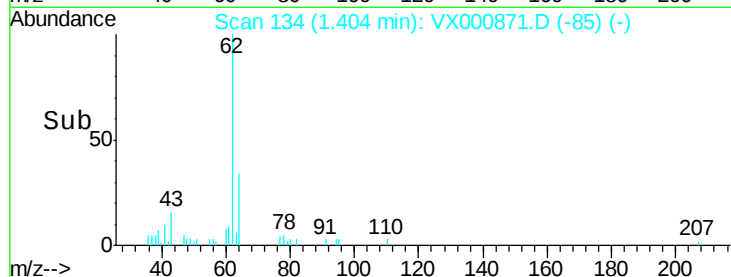
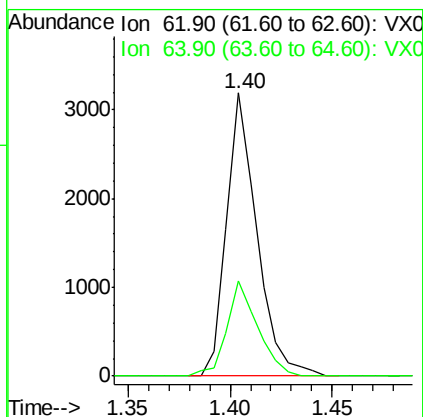
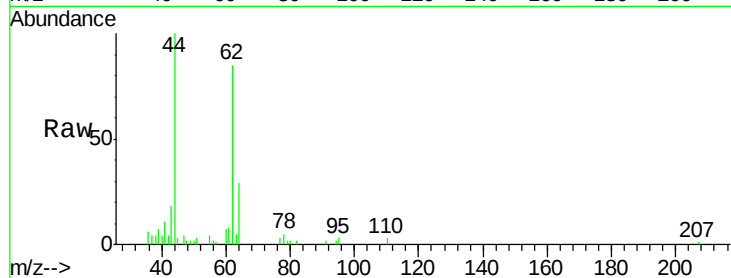
LF012MW003-180410

Tot Ion: 62 Resp: 3281

Ion Ratio Lower Upper

62 100

64 33.7 24.6 36.8



#16

Acetone

Concen: 4.19 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000871.D

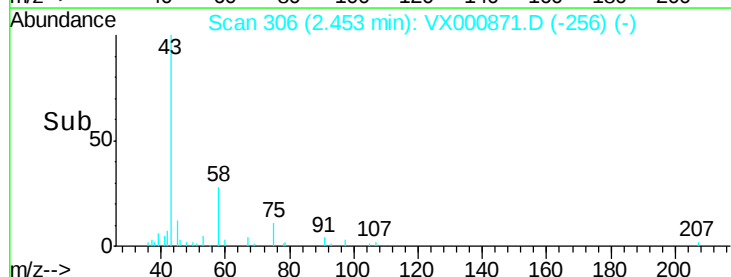
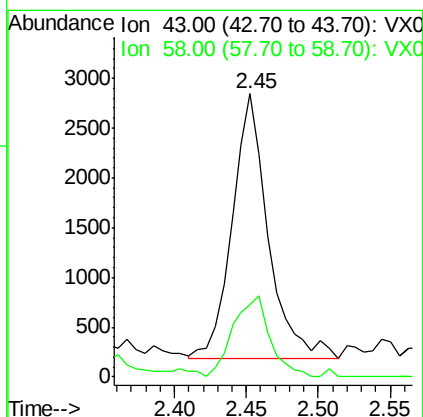
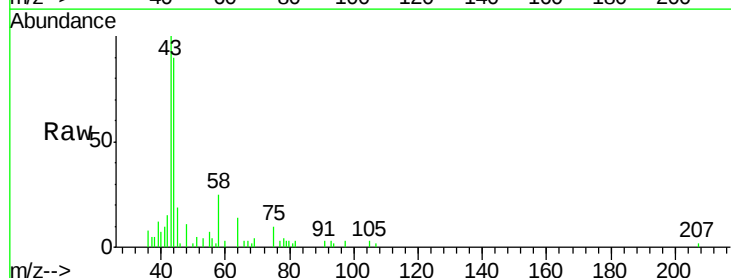
Acq: 14 Apr 2018 13:42

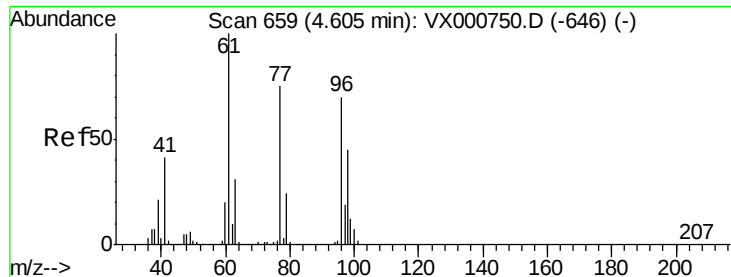
Tgt Ion: 43 Resp: 4612

Ion Ratio Lower Upper

43 100

58 27.2 24.6 37.0





#27

cis-1,2-Dichloroethene

Concen: 25.68 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000871.D

Acq: 14 Apr 2018 13:42

Instrument :

MSVOA_X

ClientSampleId :

LF012MW003-180410

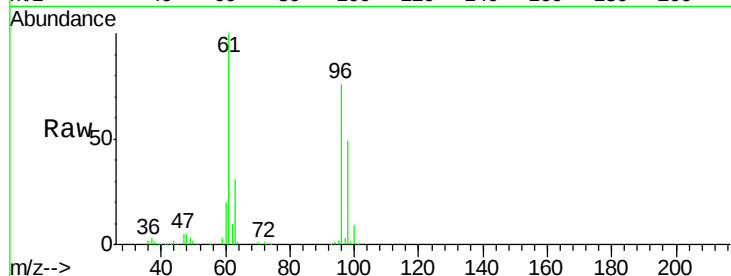
Tot Ion: 96 Resp: 74617

Ion Ratio Lower Upper

96 100

61 125.8 0.0 292.4

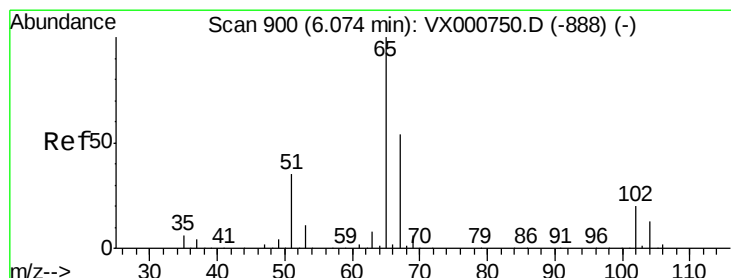
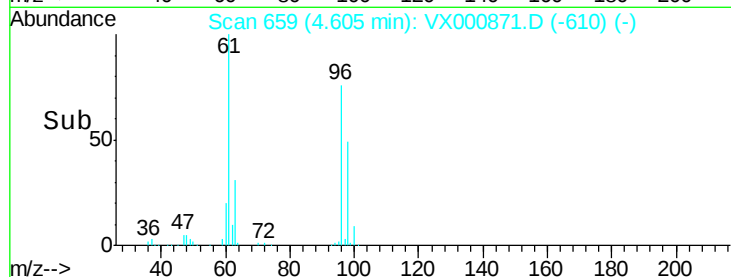
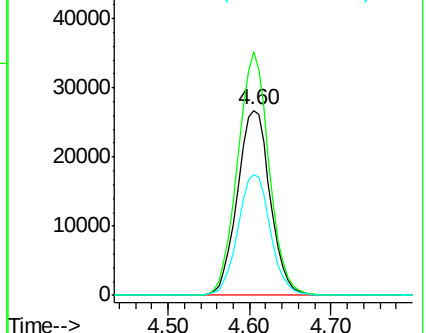
98 64.6 0.0 130.2



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: 46.23 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX000871.D

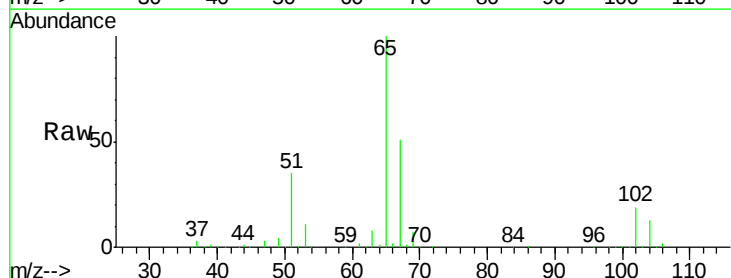
Acq: 14 Apr 2018 13:42

Tgt Ion: 65 Resp: 147495

Ion Ratio Lower Upper

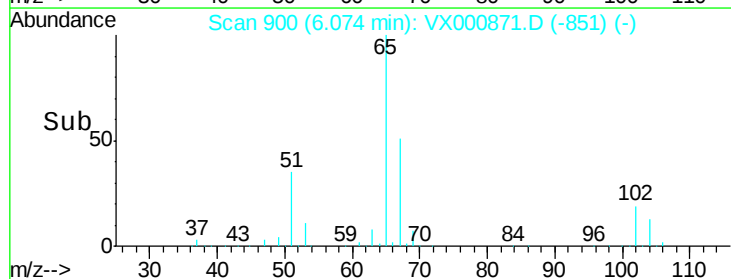
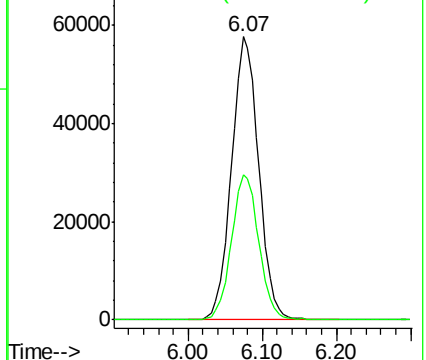
65 100

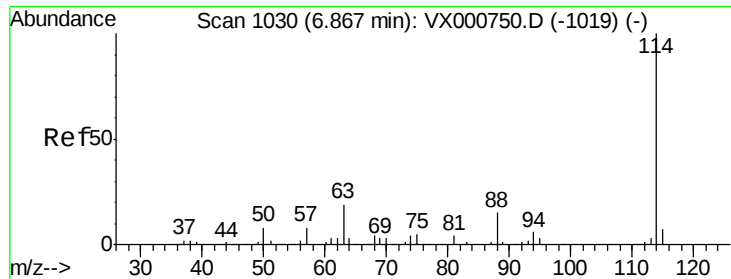
67 51.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

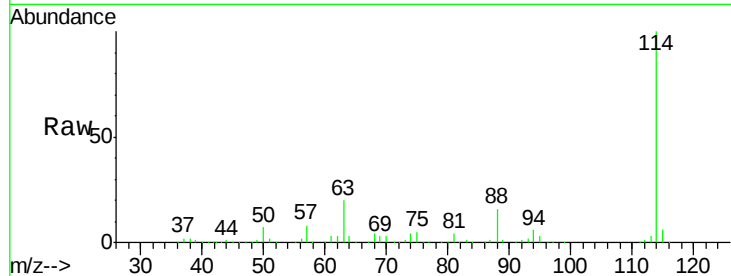




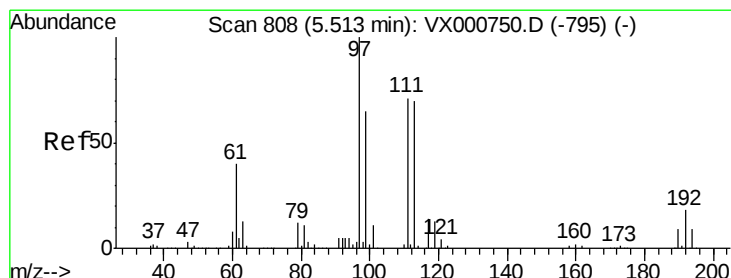
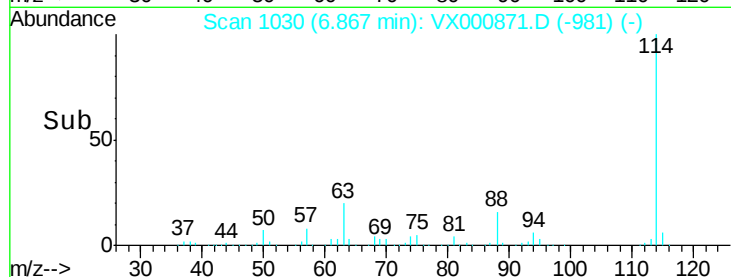
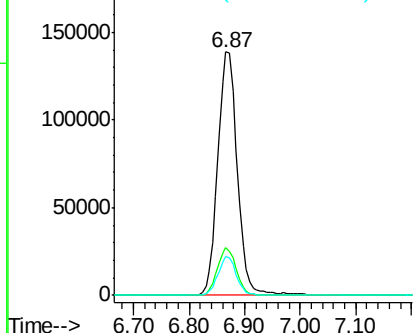
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX000871.D
 Acq: 14 Apr 2018 13:42

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW003-180410

Tot Ion:114 Resp: 340651
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.4
 88 15.8 0.0 31.0

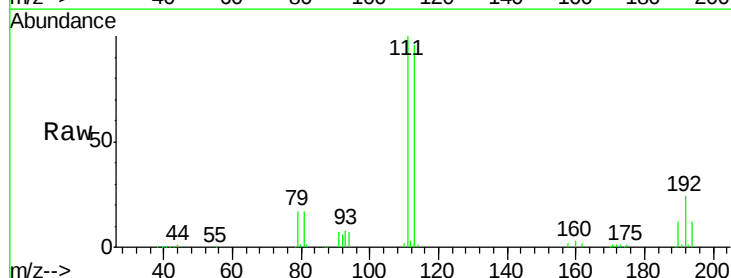


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

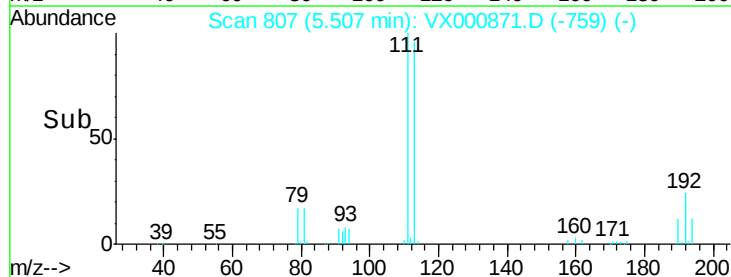
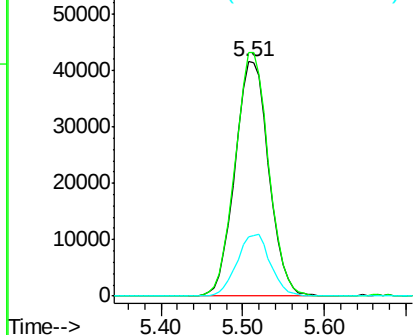


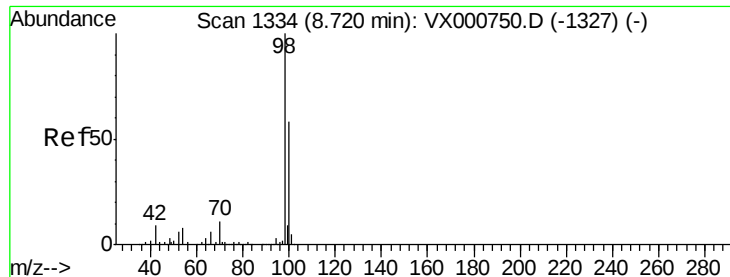
#35
 Dibromofluoromethane
 Concen: 45.57 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX000871.D
 Acq: 14 Apr 2018 13:42

Tgt Ion:113 Resp: 119603
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.5 122.3
 192 26.0 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





#50

Toluene-d8

Concen: 47.64 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000871.D

Acq: 14 Apr 2018 13:42

Instrument :

MSVOA_X

ClientSampleId :

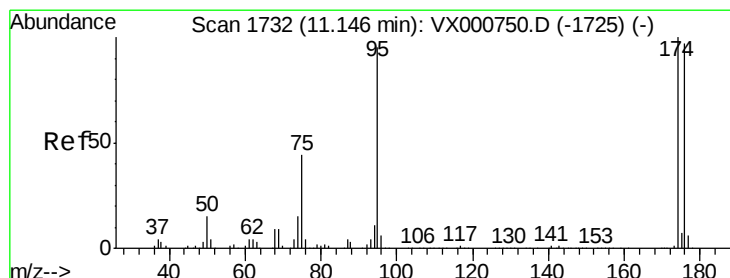
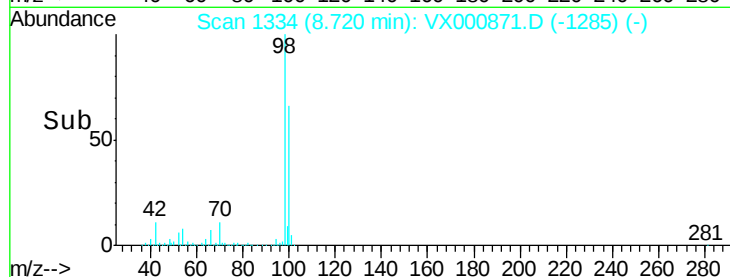
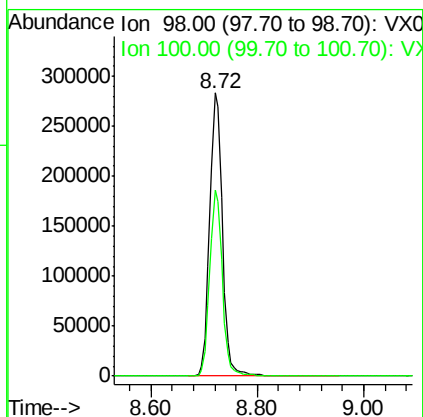
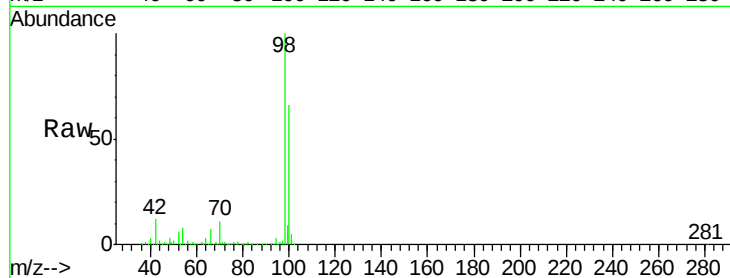
LF012MW003-180410

Tot Ion: 98 Resp: 465502

Ion Ratio Lower Upper

98 100

100 65.1 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 44.83 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000871.D

Acq: 14 Apr 2018 13:42

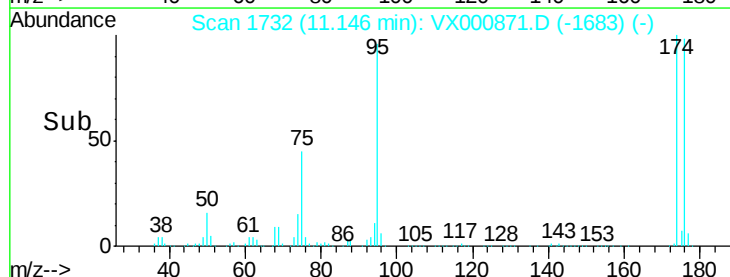
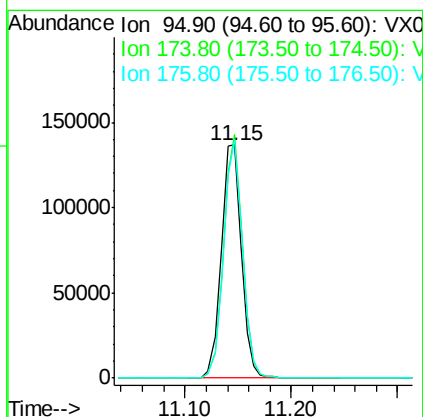
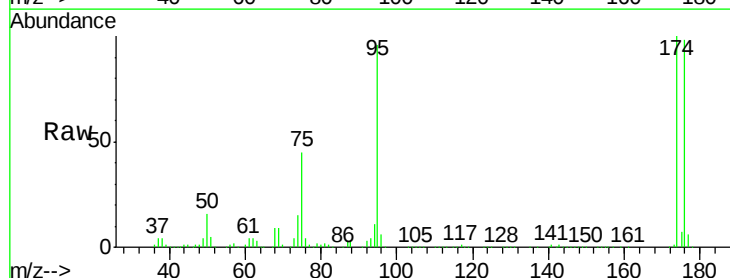
Tgt Ion: 95 Resp: 181262

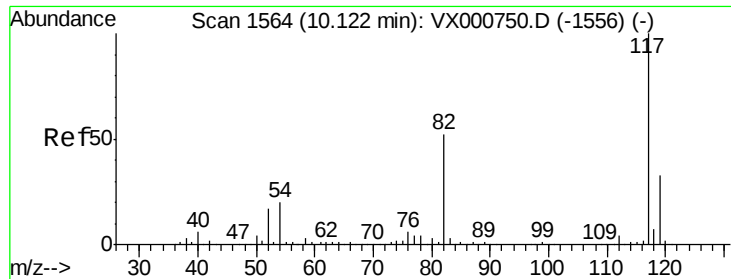
Ion Ratio Lower Upper

95 100

174 97.8 0.0 198.4

176 96.0 0.0 194.4

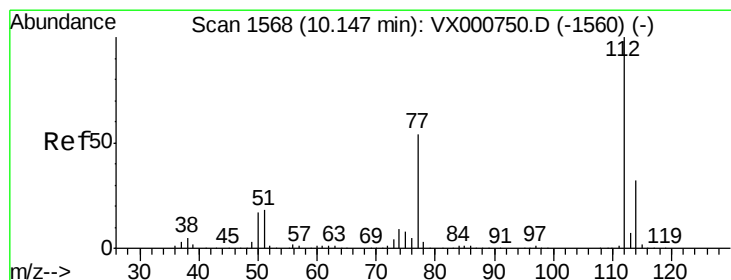
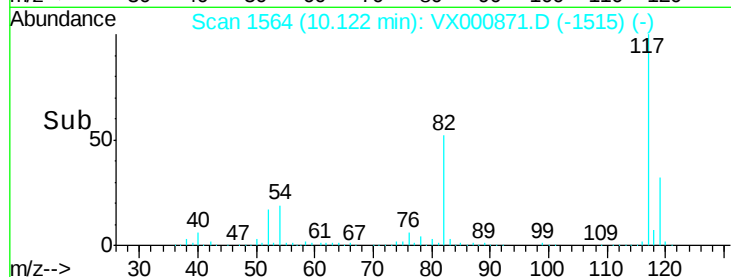
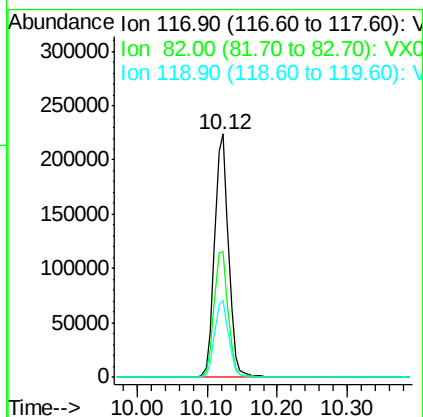
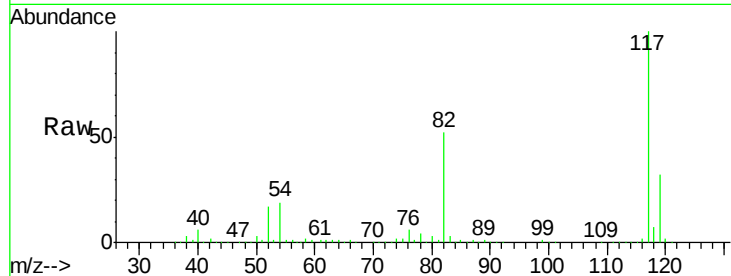




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000871.D
Acq: 14 Apr 2018 13:42

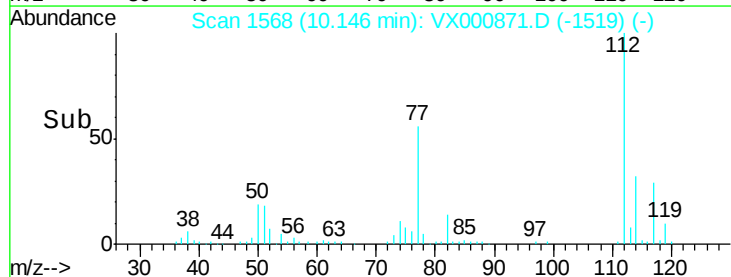
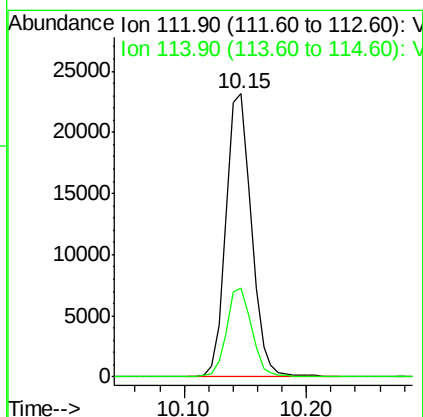
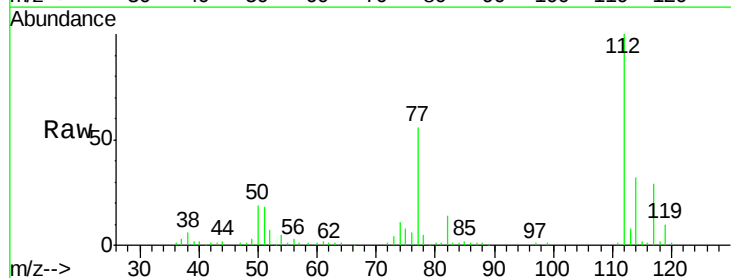
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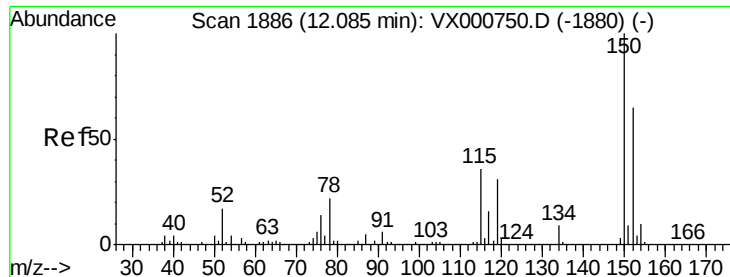
Tot Ion:117 Resp: 311590
Ion Ratio Lower Upper
117 100
82 51.8 41.9 62.9
119 31.5 26.0 39.0



#65
Chlorobenzene
Concen: 4.24 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000871.D
Acq: 14 Apr 2018 13:42

Tgt Ion:112 Resp: 33265
Ion Ratio Lower Upper
112 100
114 31.6 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: VX000871.D

Acq: 14 Apr 2018 13:42

Instrument :

MSVOA_X

ClientSampleId :

LF012MW003-180410

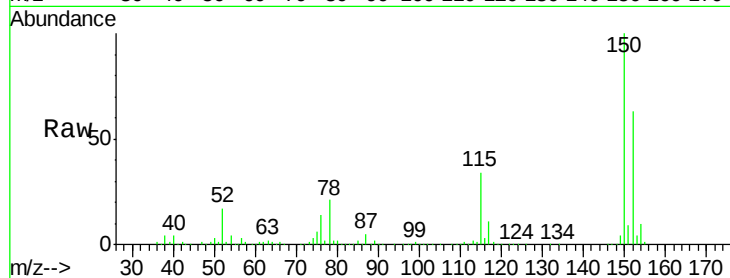
Tot Ion:152 Resp: 206217

Ion Ratio Lower Upper

152 100

115 53.8 37.9 113.7

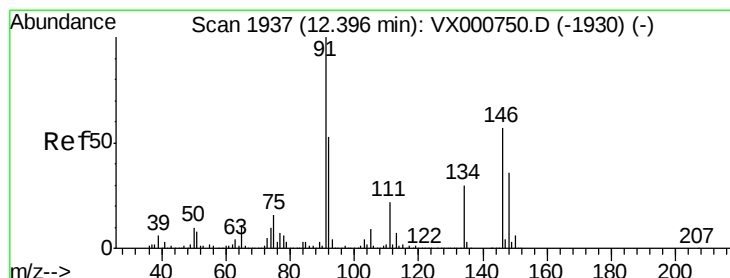
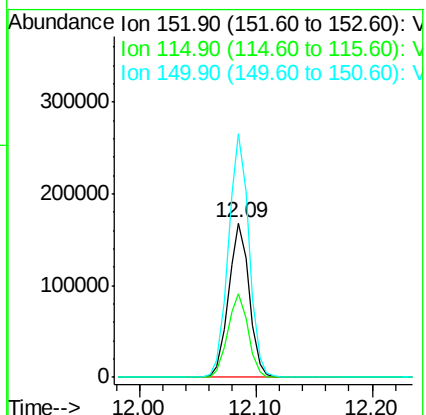
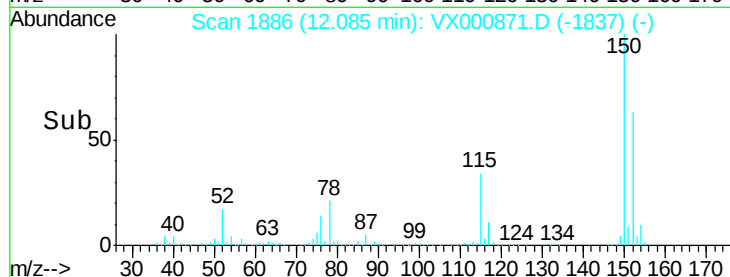
150 157.6 0.0 348.0



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



#91

1,2-Dichlorobenzene

Concen: 1.41 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000871.D

Acq: 14 Apr 2018 13:42

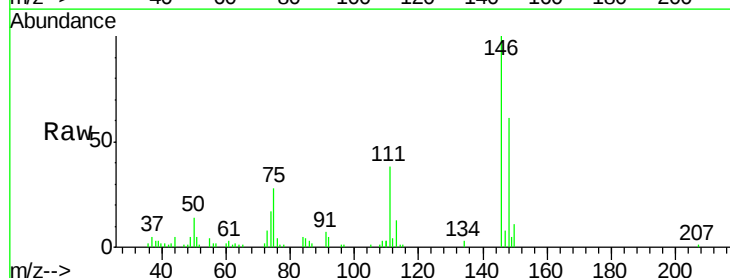
Tgt Ion:146 Resp: 9686

Ion Ratio Lower Upper

146 100

111 40.4 18.9 56.7

148 66.4 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

