

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
 Data File : VX001084.D
 Acq On : 24 Apr 2018 18:28
 Operator : JC/MD
 Sample : J2377-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014MW015-180412

Quant Time: Apr 25 07:38:04 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	230563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	321318	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	274516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	141642	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	164900	56.42	ug/l	0.00
Spiked Amount			Recovery	=	112.84%	
35) Dibromofluoromethane	5.51	113	126784	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	
50) Toluene-d8	8.72	98	478076	52.77	ug/l	0.00
Spiked Amount			Recovery	=	105.54%	
62) 4-Bromofluorobenzene	11.14	95	158908	41.79	ug/l	0.00
Spiked Amount			Recovery	=	83.58%	

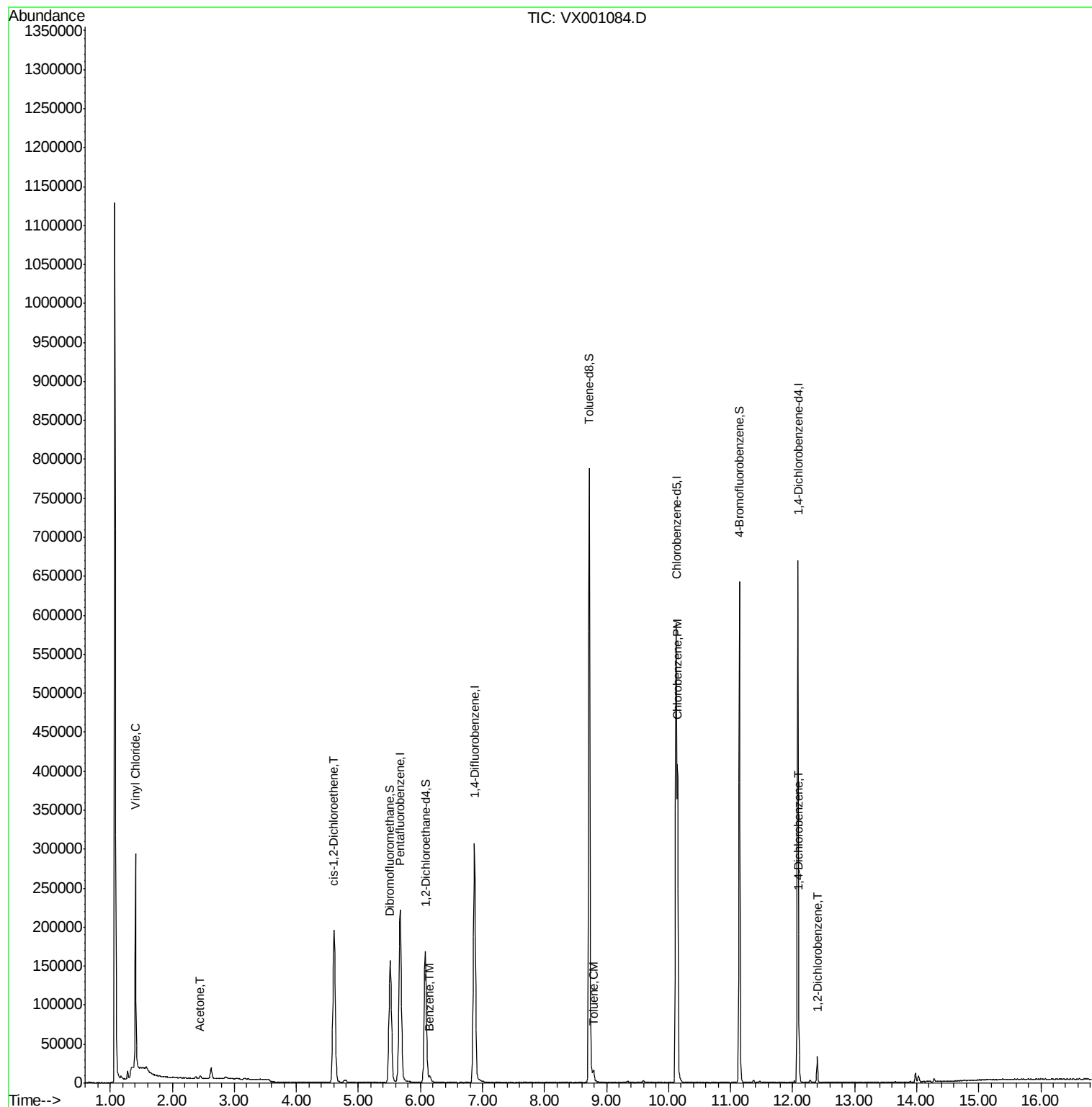
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	172144	62.38	ug/l	99
16) Acetone	2.45	43	3224	2.93	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	124110	44.55	ug/l	89
40) Benzene	6.15	78	8350	0.80	ug/l	91
52) Toluene	8.79	92	3519	0.51	ug/l	99
65) Chlorobenzene	10.15	112	172431	23.59	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	13048	2.53	ug/l	86
91) 1,2-Dichlorobenzene	12.40	146	10357	2.13	ug/l	98

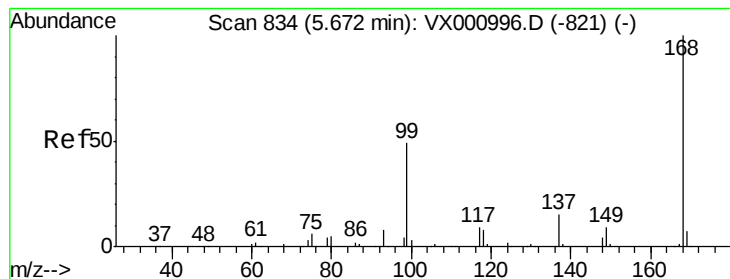
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX001084.D

Acq: 24 Apr 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

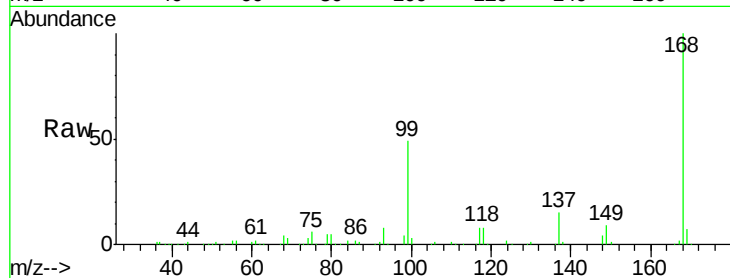
LF014MW015-180412

Tot Ion:168 Resp: 230563

Ion Ratio Lower Upper

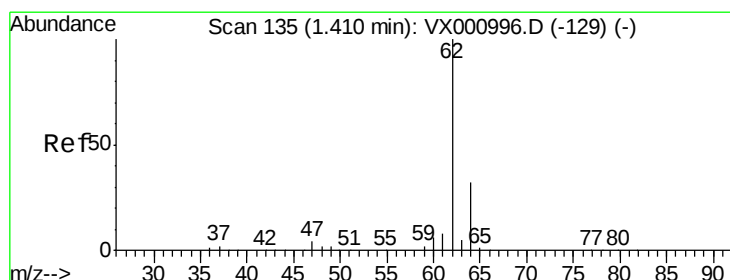
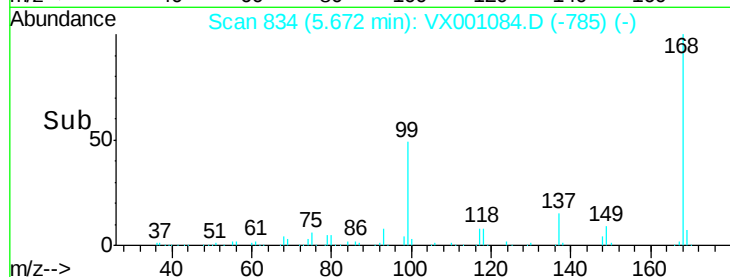
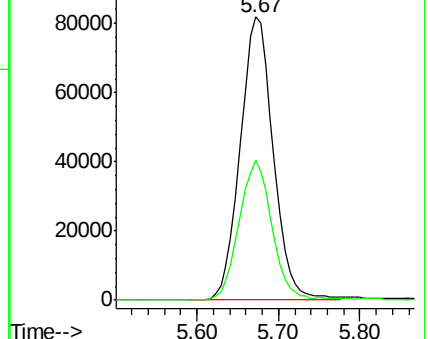
168 100

99 49.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 62.38 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001084.D

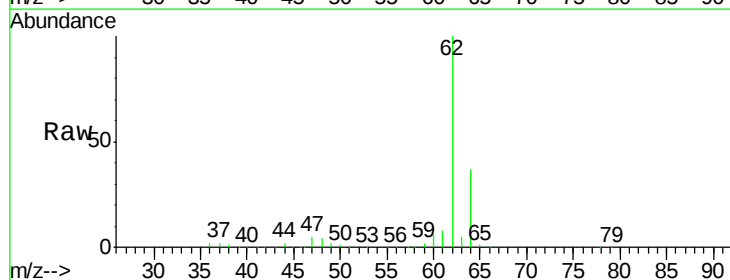
Acq: 24 Apr 2018 18:28

Tgt Ion: 62 Resp: 172144

Ion Ratio Lower Upper

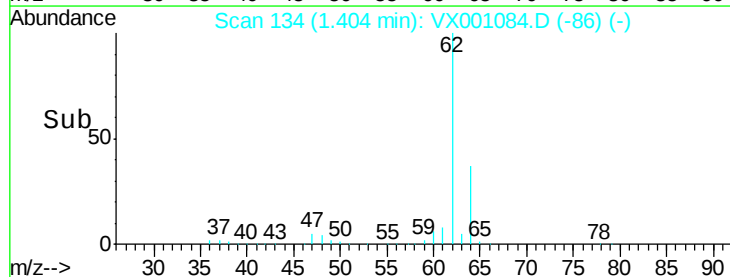
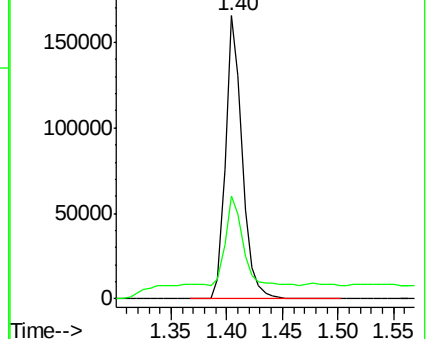
62 100

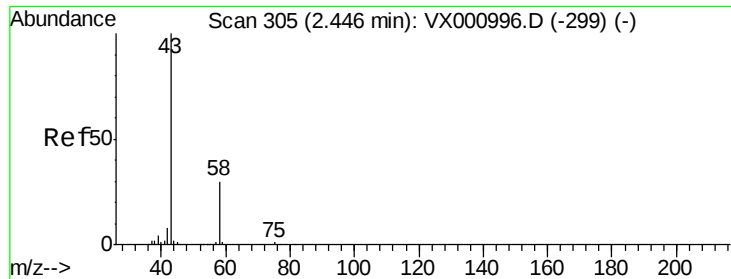
64 31.7 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 2.93 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001084.D

Acq: 24 Apr 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

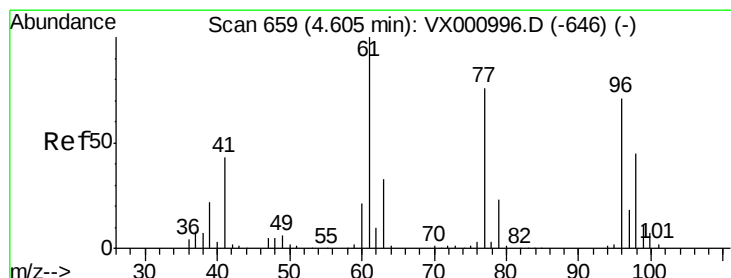
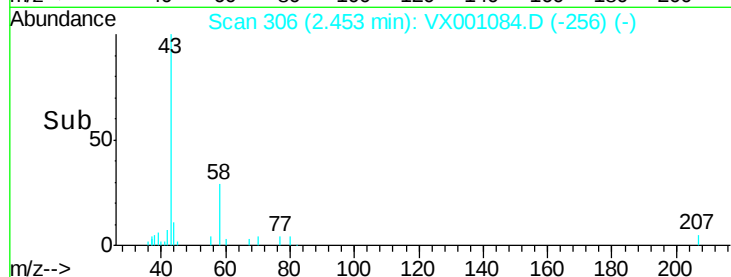
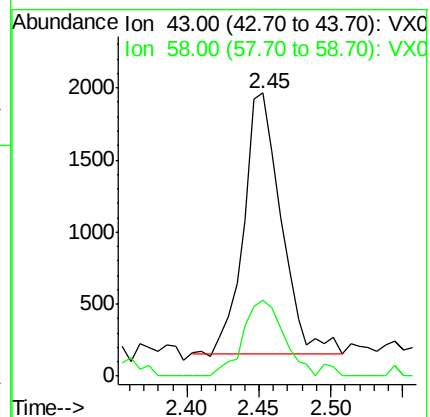
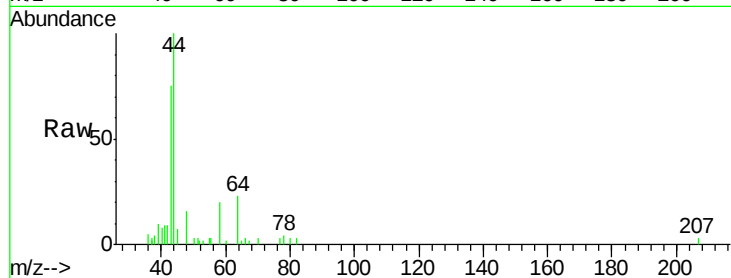
LF014MW015-180412

Tot Ion: 43 Resp: 3224

Ion Ratio Lower Upper

43 100

58 29.3 23.7 35.5



#27

cis-1,2-Dichloroethene

Concen: 44.55 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX001084.D

Acq: 24 Apr 2018 18:28

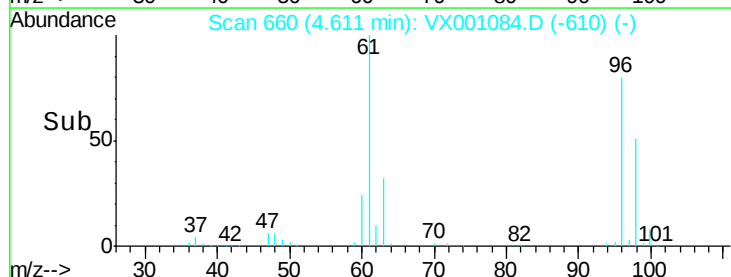
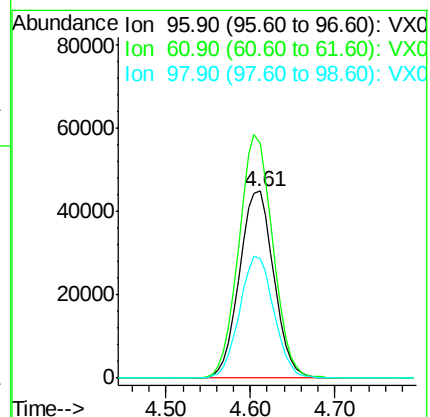
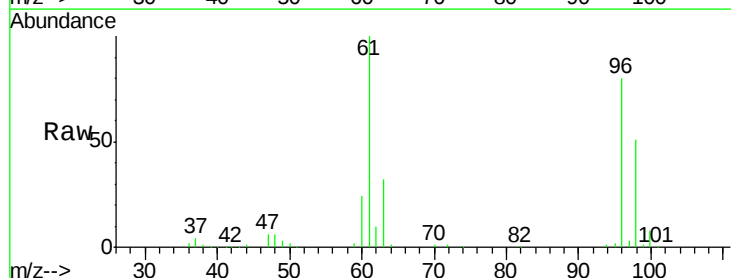
Tgt Ion: 96 Resp: 124110

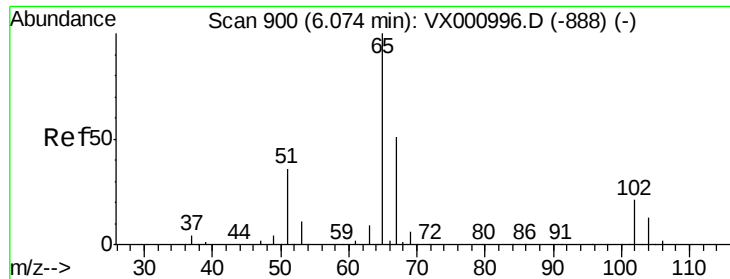
Ion Ratio Lower Upper

96 100

61 128.6 0.0 297.0

98 65.0 0.0 130.0

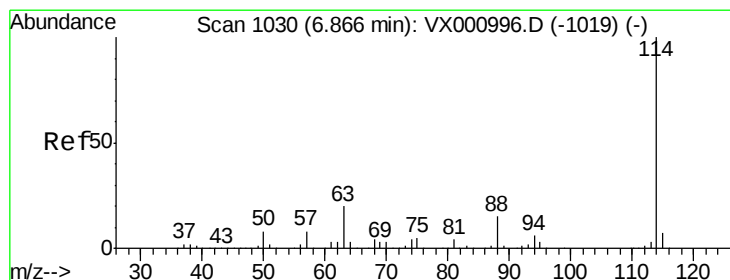
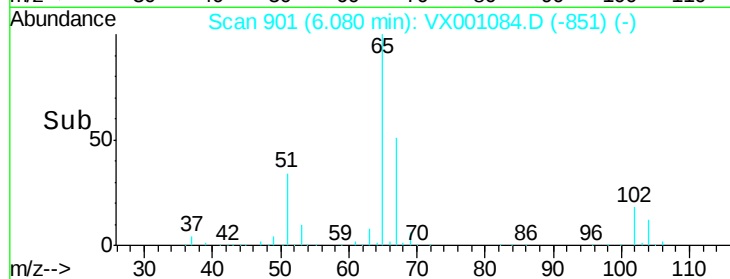
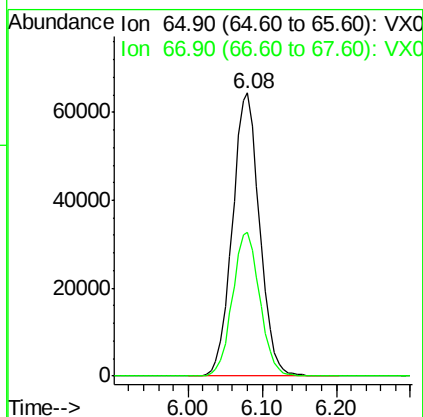
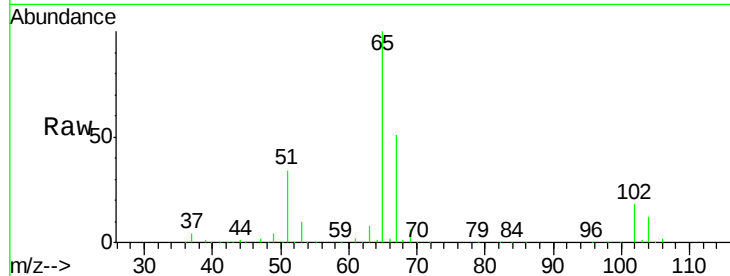




#33
 1,2-Dichloroethane-d4
 Concen: 56.42 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001084.D
 Acq: 24 Apr 2018 18:28

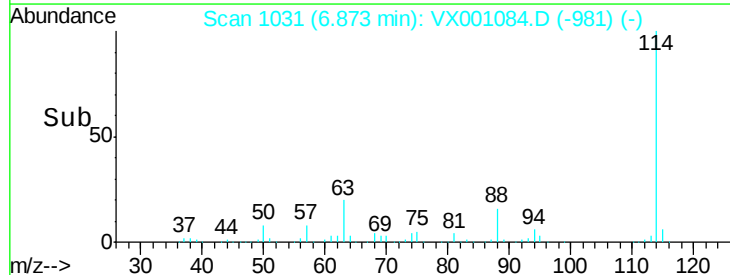
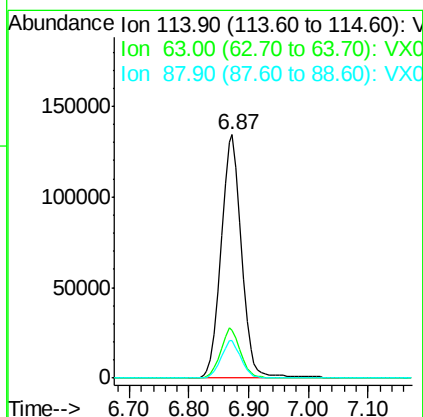
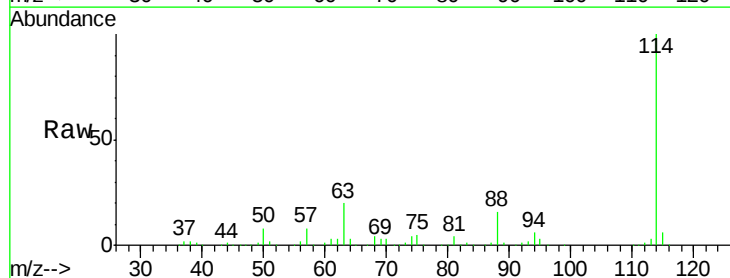
Instrument :
 MSVOA_X
 ClientSampleId :
 LF014MW015-180412

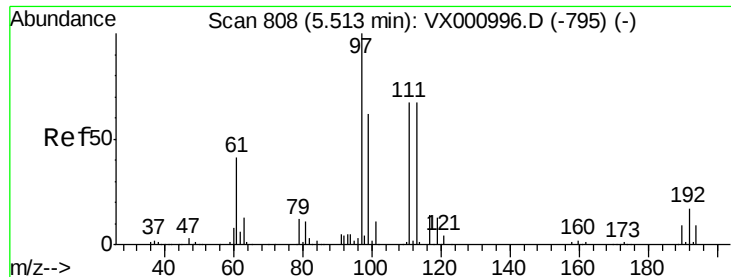
Tot Ion: 65 Resp: 164900
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001084.D
 Acq: 24 Apr 2018 18:28

Tgt Ion: 114 Resp: 321318
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.4
 88 15.6 0.0 29.8





#35

Dibromofluoromethane

Concen: 51.75 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001084.D

Acq: 24 Apr 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

LF014MW015-180412

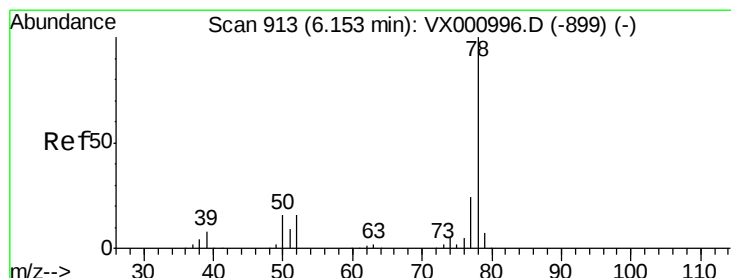
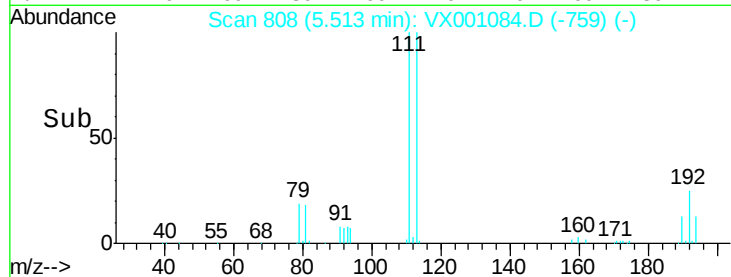
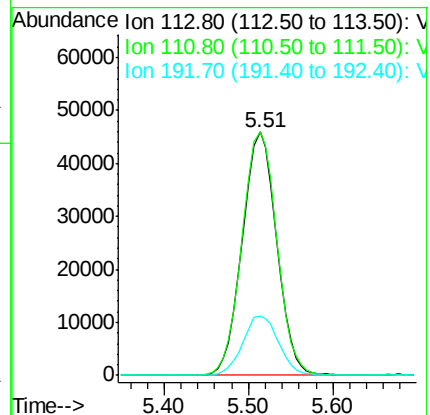
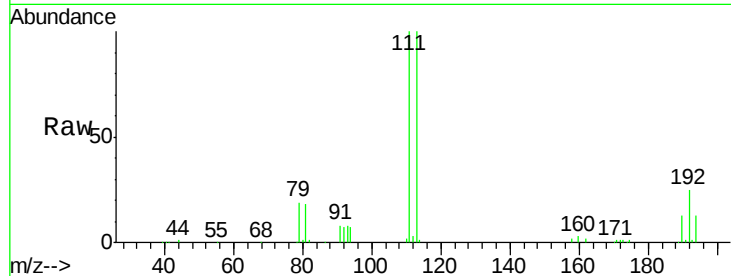
Tot Ion:113 Resp: 126784

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.2

192 25.5 20.4 30.6



#40

Benzene

Concen: 0.80 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.01 min

Lab File: VX001084.D

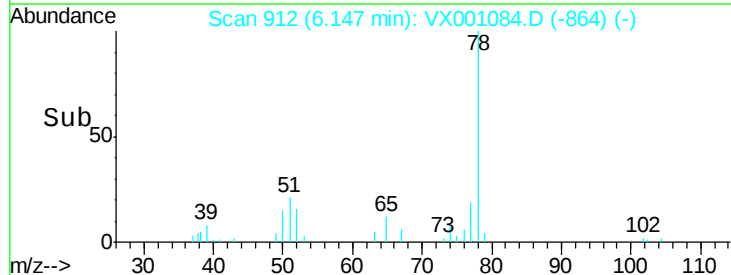
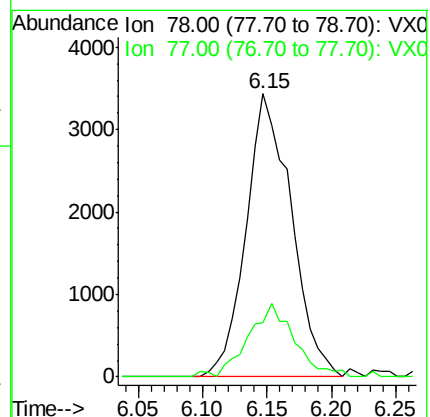
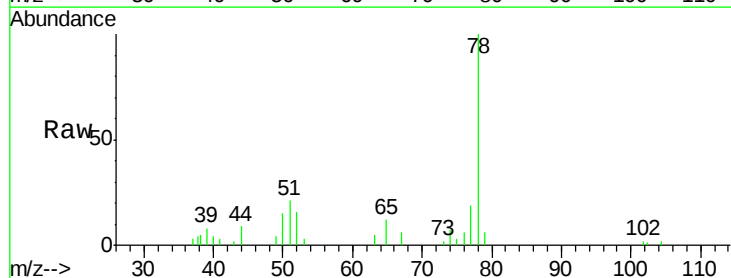
Acq: 24 Apr 2018 18:28

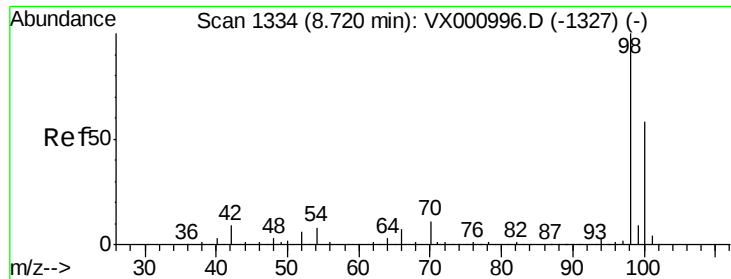
Tgt Ion: 78 Resp: 8350

Ion Ratio Lower Upper

78 100

77 19.1 18.9 28.3





#50

Toluene-d8

Concen: 52.77 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001084.D

Acq: 24 Apr 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

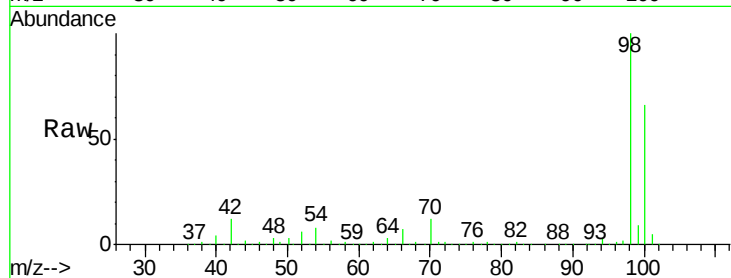
LF014MW015-180412

Tot Ion: 98 Resp: 478076

Ion Ratio Lower Upper

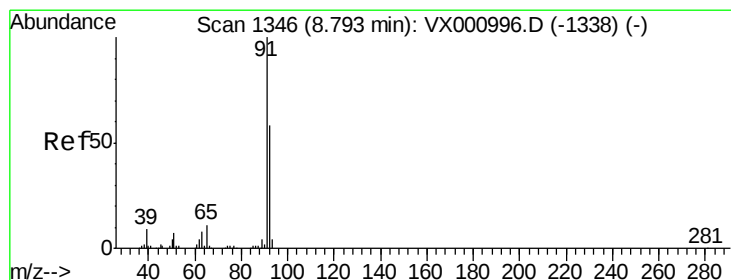
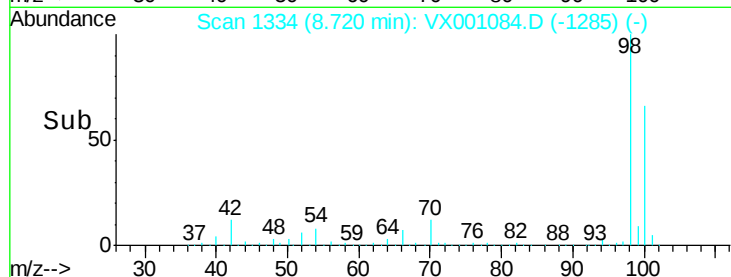
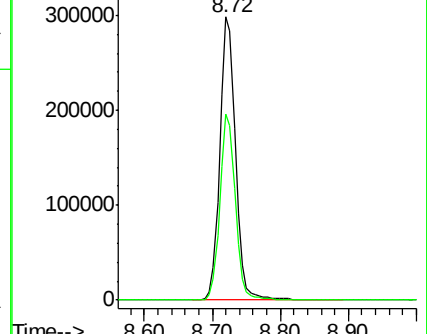
98 100

100 64.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#52

Toluene

Concen: 0.51 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001084.D

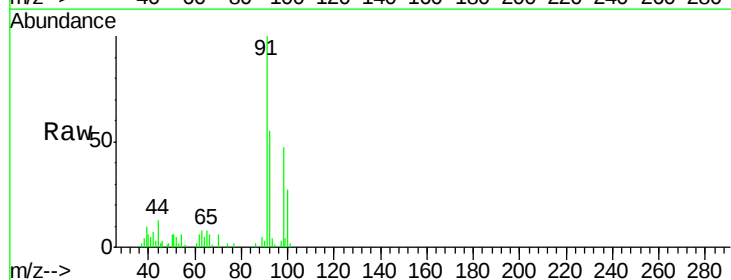
Acq: 24 Apr 2018 18:28

Tgt Ion: 92 Resp: 3519

Ion Ratio Lower Upper

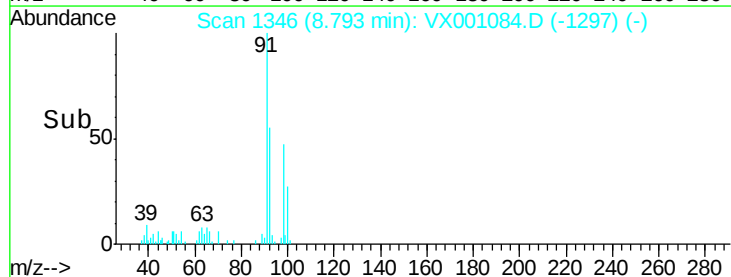
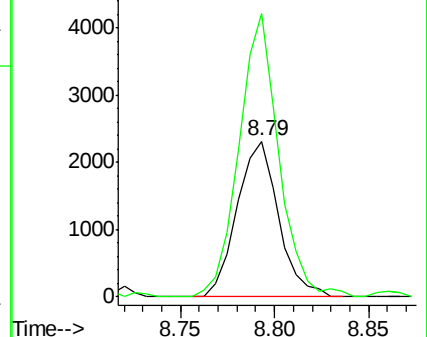
92 100

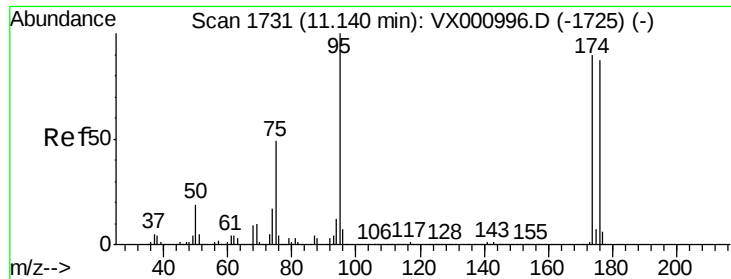
91 174.3 138.2 207.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

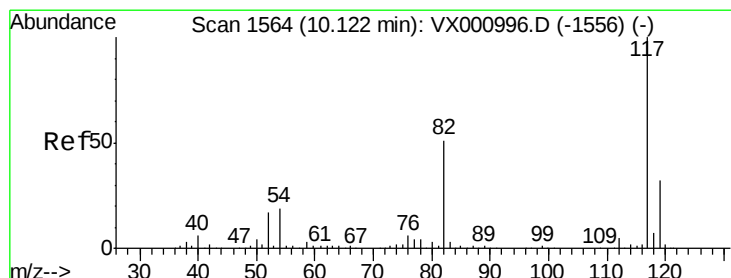
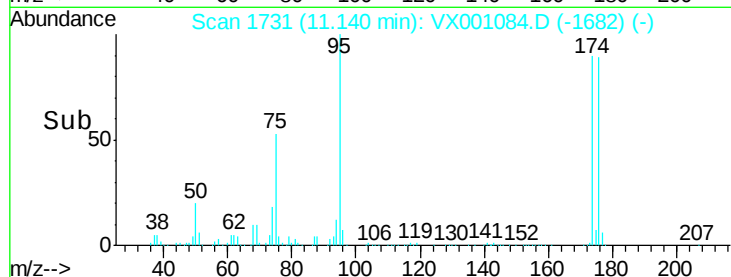
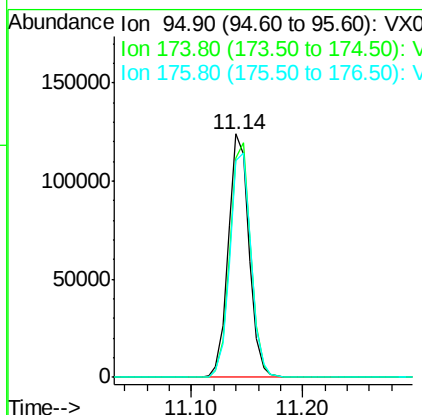
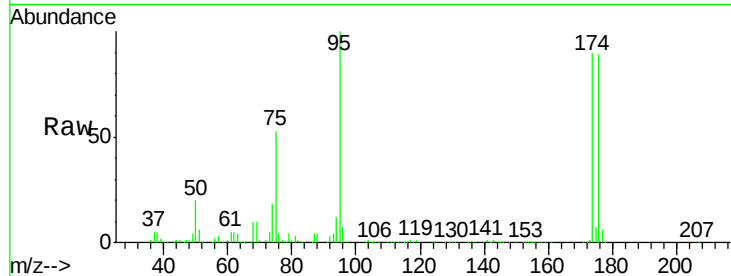




#62
4-Bromofluorobenzene
Concen: 41.79 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001084.D
Acq: 24 Apr 2018 18:28

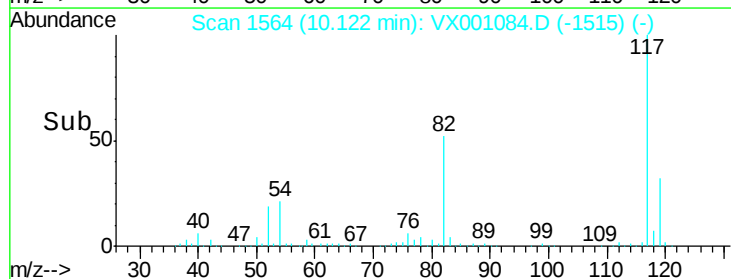
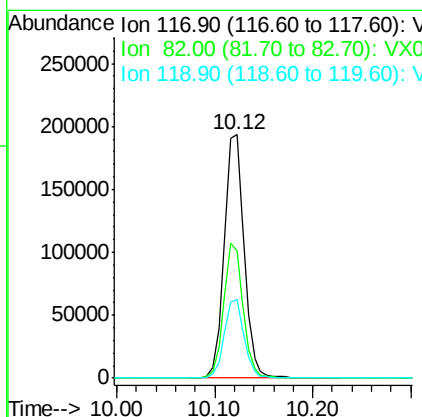
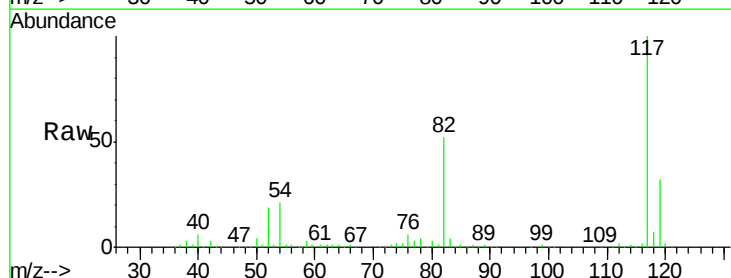
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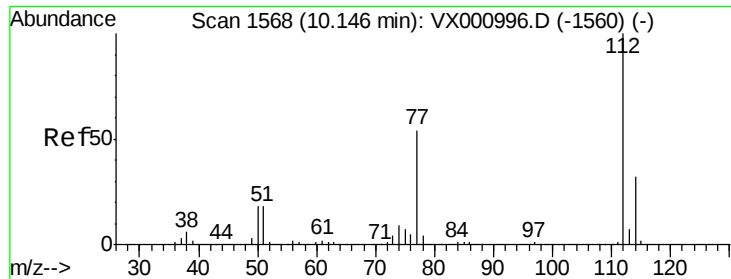
Tot Ion: 95 Resp: 158908
Ion Ratio Lower Upper
95 100
174 97.5 0.0 198.4
176 94.6 0.0 192.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001084.D
Acq: 24 Apr 2018 18:28

Tgt Ion: 117 Resp: 274516
Ion Ratio Lower Upper
117 100
82 52.2 40.6 60.8
119 32.0 26.0 39.0





#65

Chlorobenzene

Concen: 23.59 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001084.D

Acq: 24 Apr 2018 18:28

Instrument :

MSVOA_X

ClientSampleId :

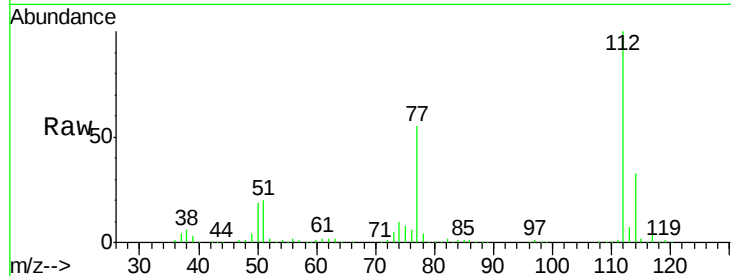
LF014MW015-180412

Tot Ion:112 Resp: 172431

Ion Ratio Lower Upper

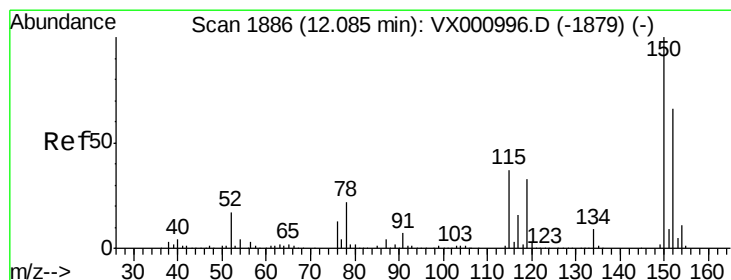
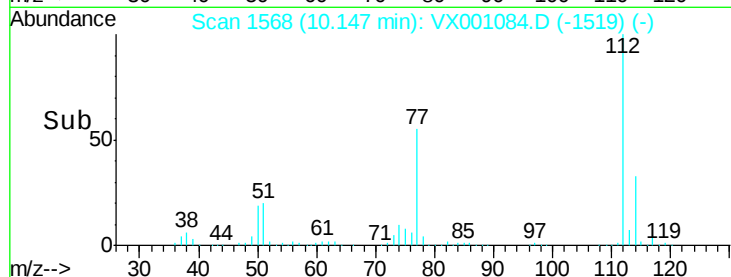
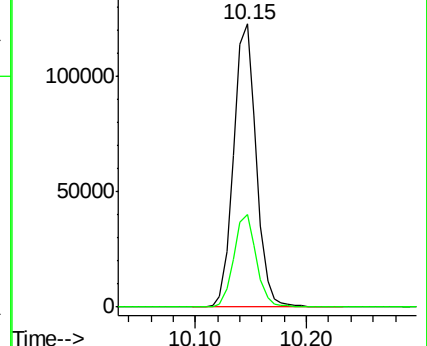
112 100

114 32.8 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001084.D

Acq: 24 Apr 2018 18:28

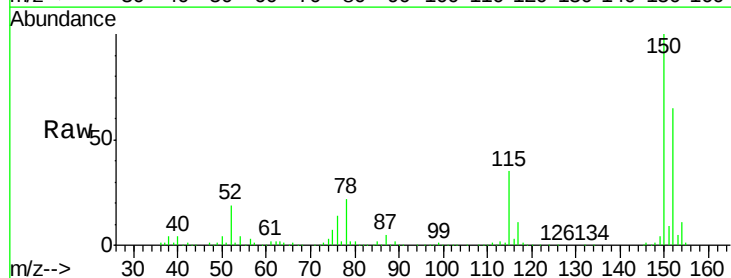
Tgt Ion:152 Resp: 141642

Ion Ratio Lower Upper

152 100

115 54.0 38.2 114.6

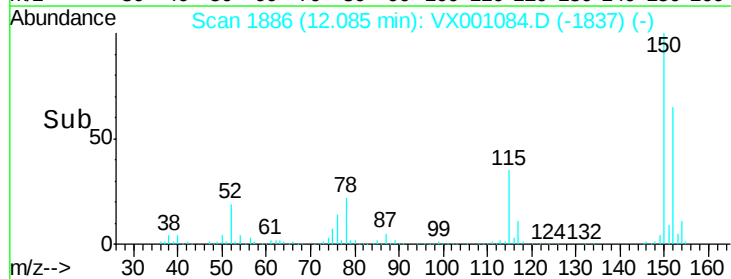
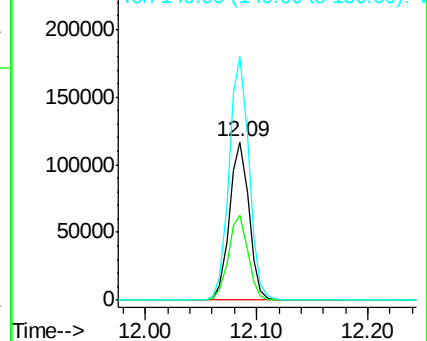
150 156.9 0.0 350.4

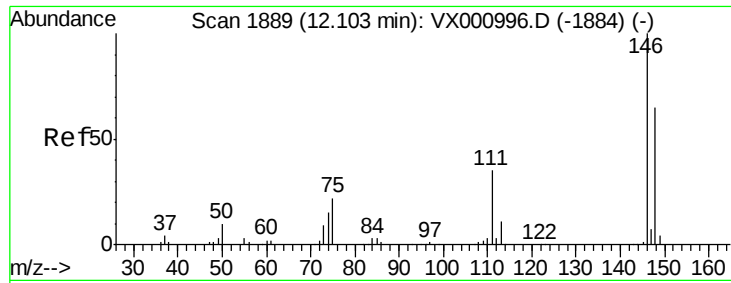


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

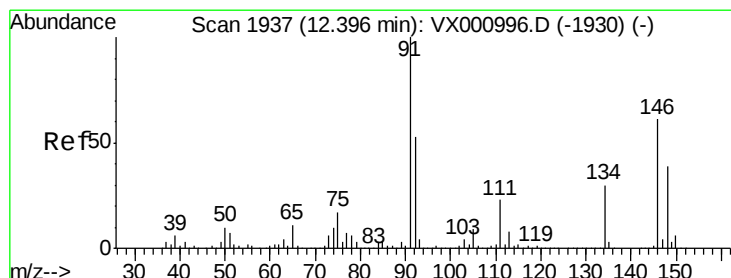
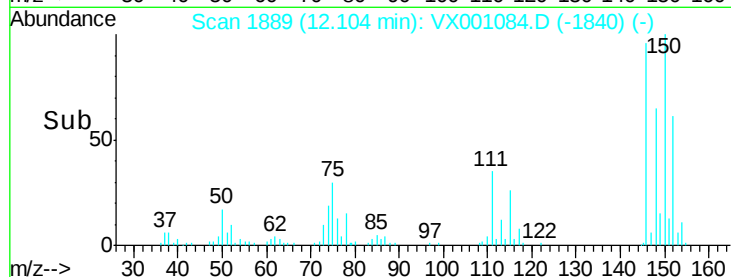
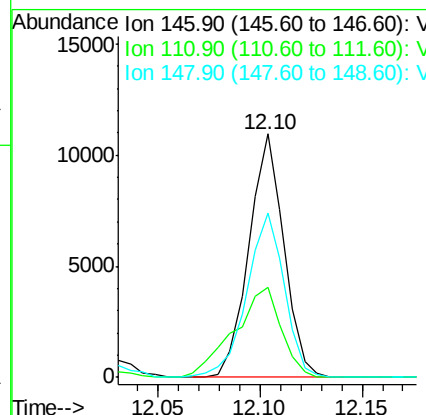
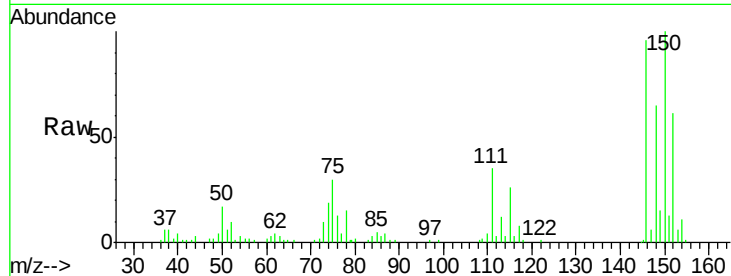




#88
 1,4-Dichlorobenzene
 Concen: 2.53 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001084.D
 Acq: 24 Apr 2018 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014MW015-180412

Tot Ion:146 Resp: 13048
 Ion Ratio Lower Upper
 146 100
 111 49.7 18.0 54.0
 148 72.2 32.4 97.0



#91
 1,2-Dichlorobenzene
 Concen: 2.13 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001084.D
 Acq: 24 Apr 2018 18:28

Tgt Ion:146 Resp: 10357
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.6 56.0
 148 62.8 32.3 96.8

