

Data File : VX000903.D

Acq On : 15 Apr 2018 17:53

Operator : JC/MD

Sample : J2313-07DL 40X

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 16 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

LF012MW033-180411DL

Quant Time: Apr 16 07:39:56 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	5.68	168	279680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	376462	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347435	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	228149	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	164865	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	
35) Dibromofluoromethane	5.51	113	131985	45.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.02%	
50) Toluene-d8	8.72	98	524999	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
62) 4-Bromofluorobenzene	11.14	95	202008	45.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.42%	

Target Compounds

						Qvalue
4) Vinyl Chloride	1.41	62	165090	54.22	ug/l	97
5) Bromomethane	1.64	94	24	Below	Cal	81
13) Acrolein	2.29	56	151	0.50	ug/l #	49
15) Acrylonitrile	3.16	53	324	0.24	ug/l #	20
16) Acetone	2.45	43	698	0.57	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	5329	1.66	ug/l	86
29) Tetrahydrofuran	5.18	42	836	0.66	ug/l #	49
31) Cyclohexane	5.67	56	4601	0.99	ug/l #	1
36) 1,1-Dichloropropene	5.68	75	16726	4.03	ug/l #	48
38) Carbon Tetrachloride	5.68	117	23240	5.01	ug/l #	16
65) Chlorobenzene	10.15	112	7928	0.91	ug/l	96
76) 1,2,3-Trichloropropane	11.14	75	98704	25.09	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	98704	69.01	ug/l #	11
91) 1,2-Dichlorobenzene	12.40	146	2903	0.38	ug/l	98

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

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Sample : J2313-07DL 40X

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 16 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

LF012MW033-180411DL

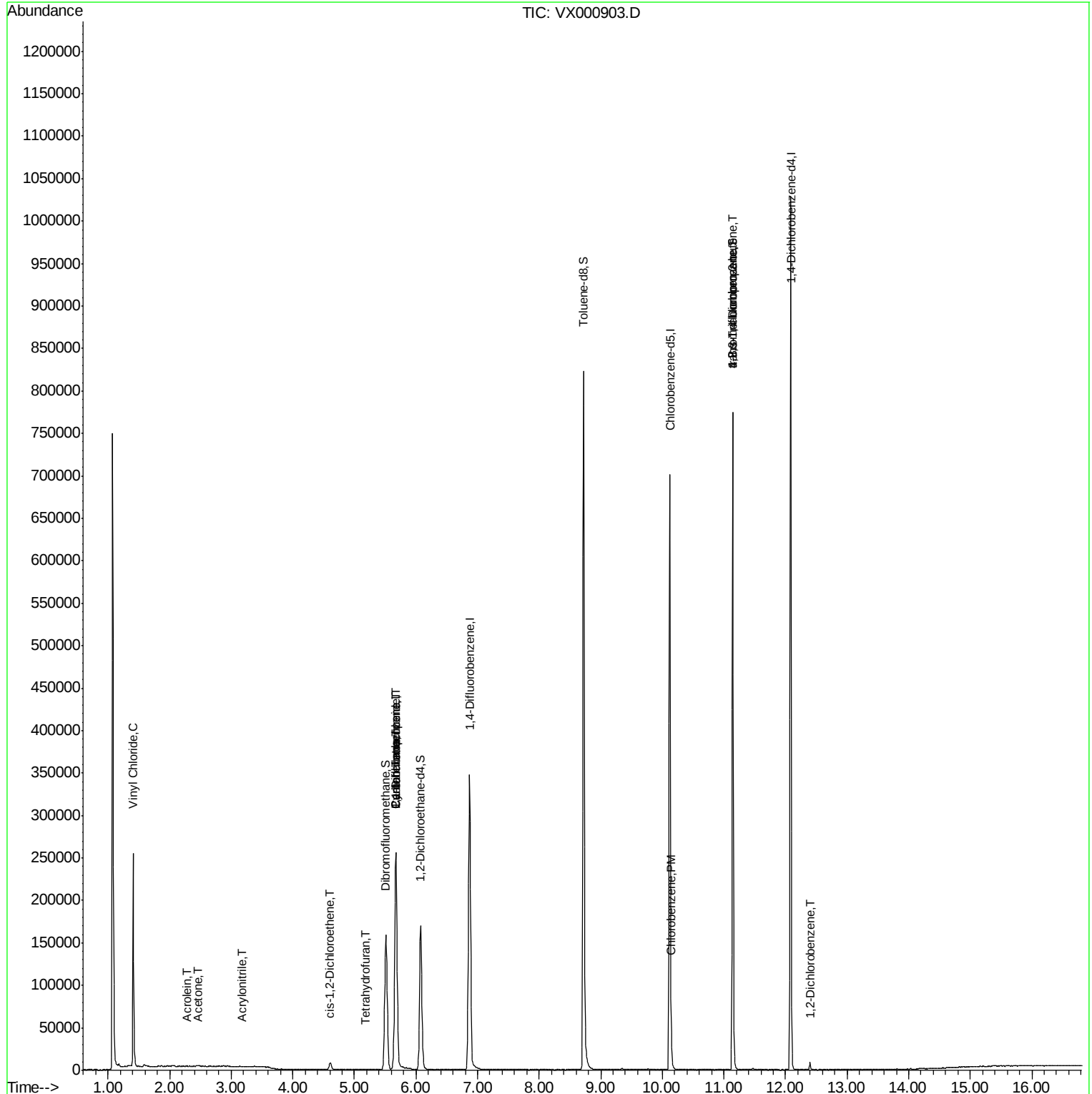
Quant Time: Apr 16 07:39:56 2018

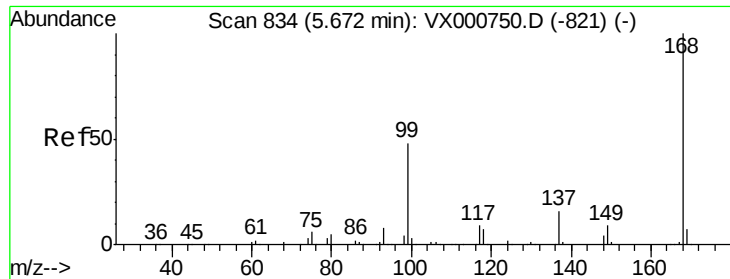
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M

Quant Title : SW846 8260

QLast Update : Tue Apr 10 15:49:28 2018

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX000903.D

Acq: 15 Apr 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

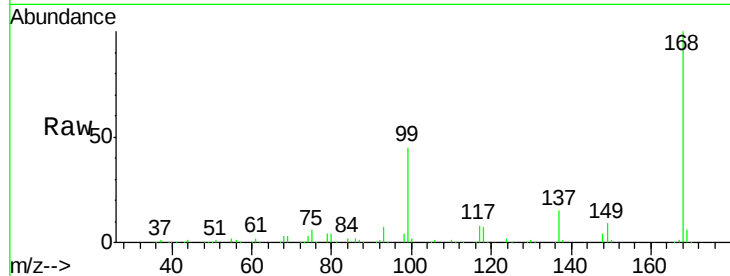
LF012MW033-180411DL

Tgt Ion: 168 Resp: 279680

Ion Ratio Lower Upper

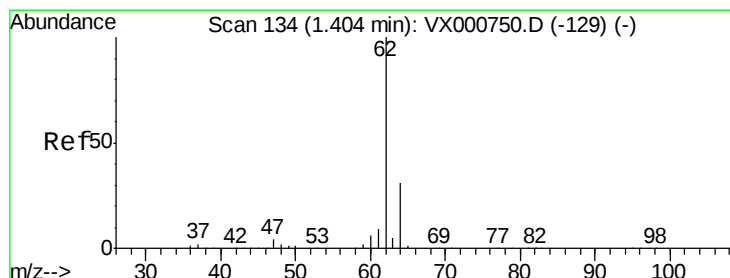
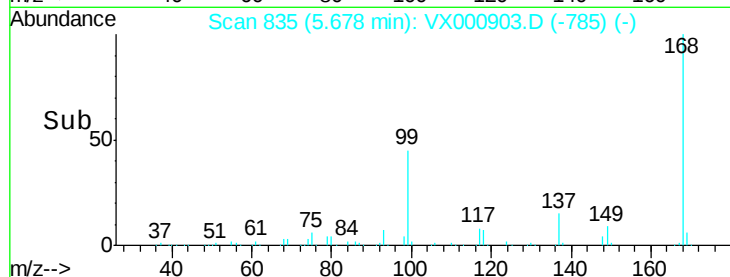
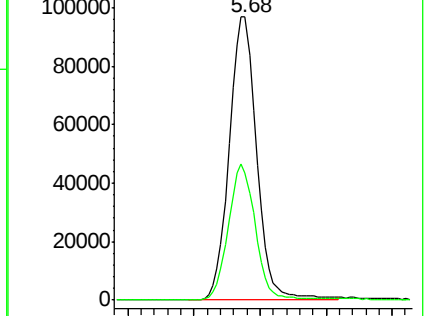
168 100

99 45.1 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: 54.22 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX000903.D

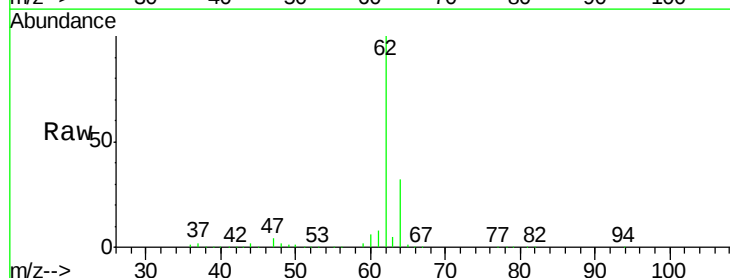
Acq: 15 Apr 2018 17:53

Tgt Ion: 62 Resp: 165090

Ion Ratio Lower Upper

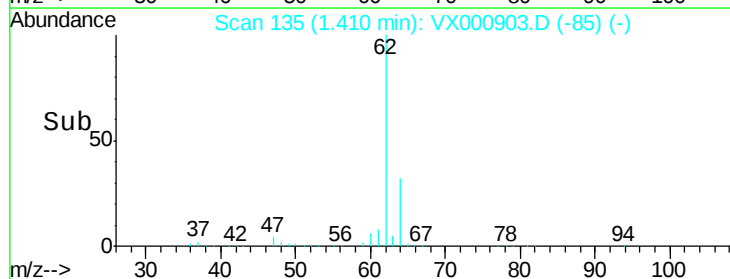
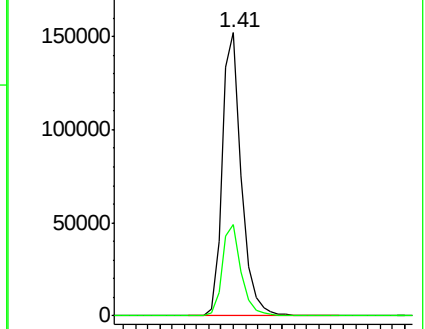
62 100

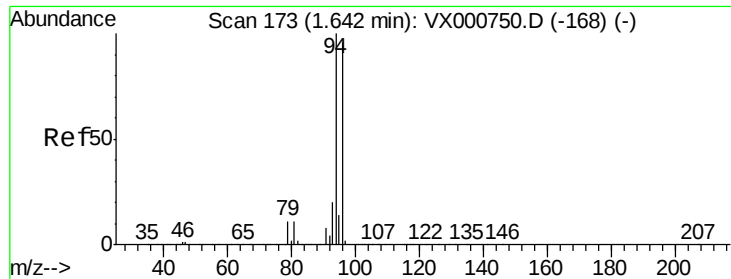
64 32.3 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000903.D

Acq: 15 Apr 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

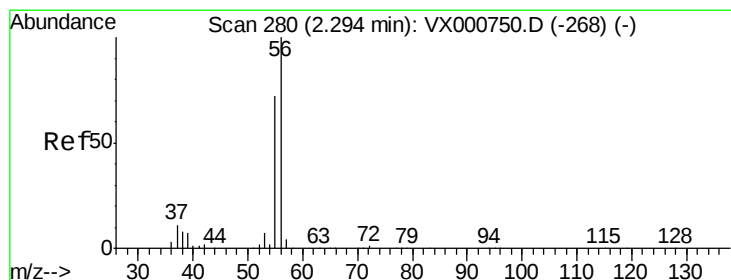
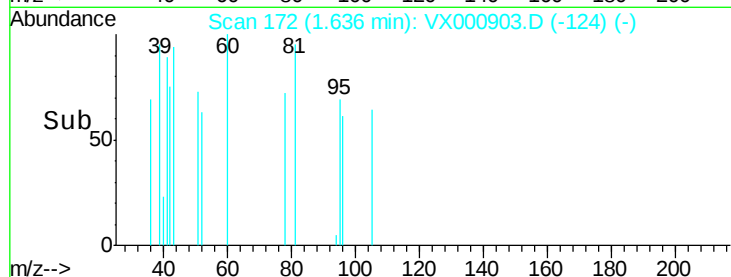
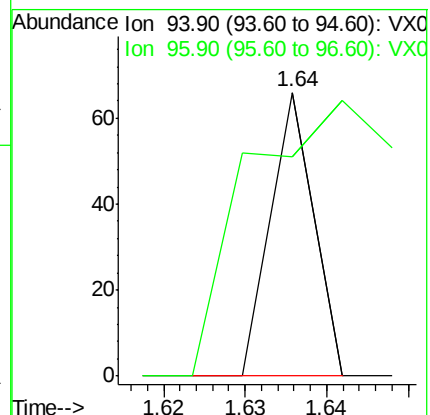
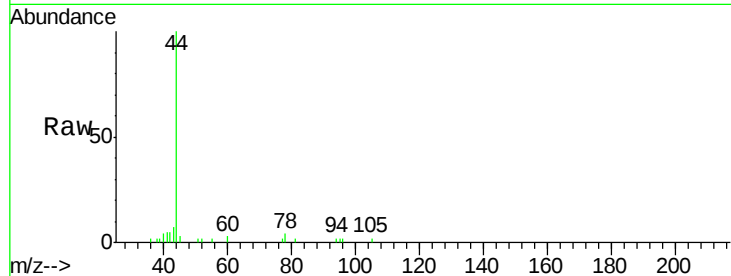
LF012MW033-180411DL

Tgt Ion: 94 Resp: 24

Ion Ratio Lower Upper

94 100

96 77.3 77.0 115.6



#13

Acrolein

Concen: 0.50 ug/l

RT: 2.29 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX000903.D

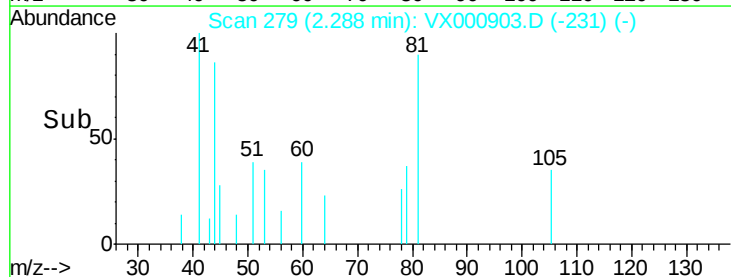
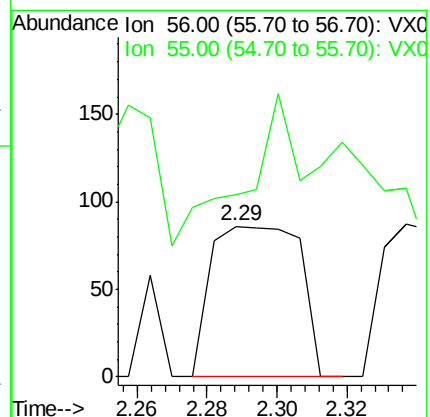
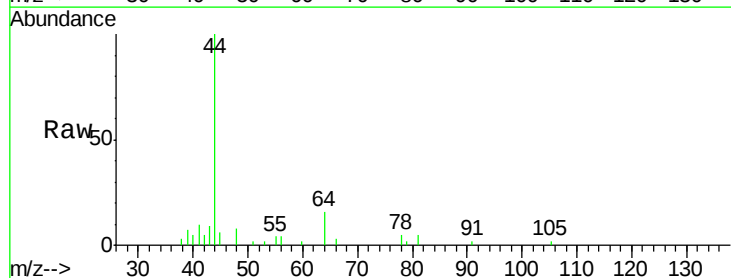
Acq: 15 Apr 2018 17:53

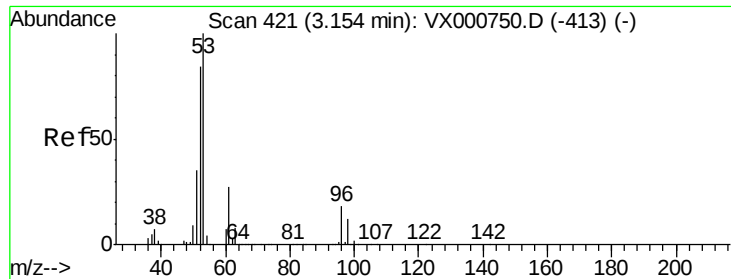
Tgt Ion: 56 Resp: 151

Ion Ratio Lower Upper

56 100

55 30.5 58.7 88.1#





#15

Acrylonitrile

Concen: 0.24 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX000903.D

Acq: 15 Apr 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

LF012MW033-180411DL

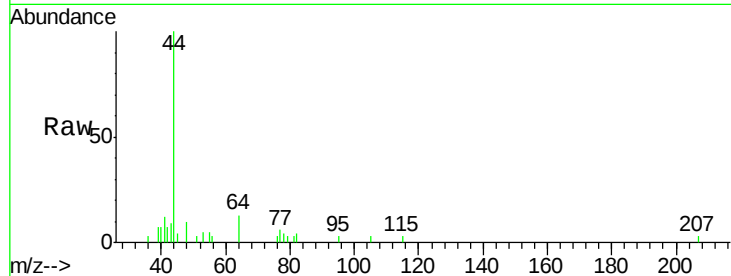
Tgt Ion: 53 Resp: 324

Ion Ratio Lower Upper

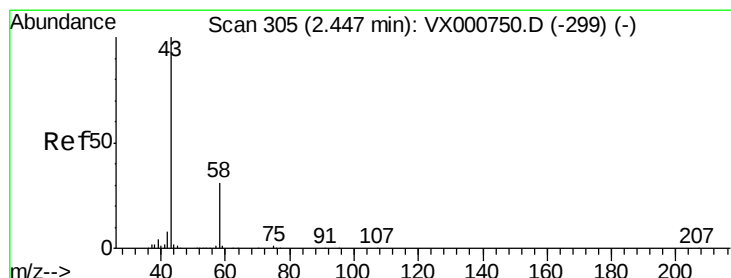
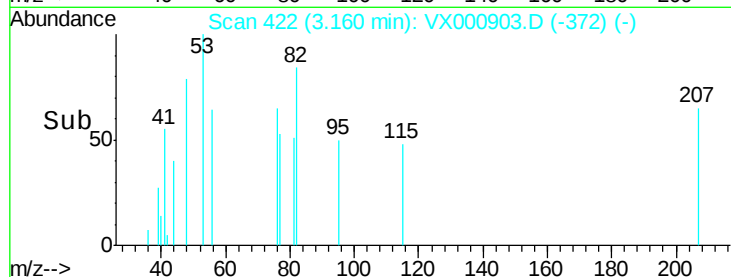
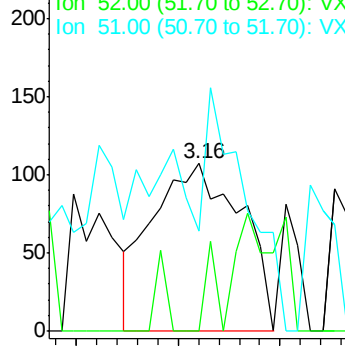
53 100

52 0.0 66.5 99.7#

51 66.4 28.8 43.2#



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 0.57 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX000903.D

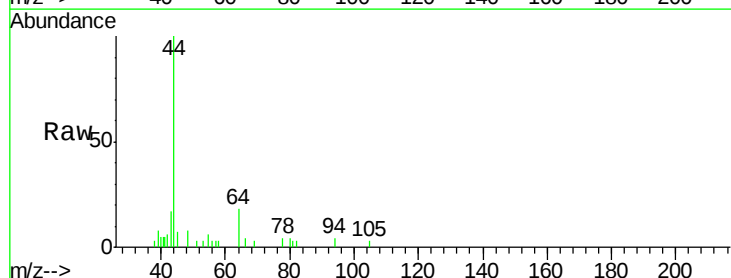
Acq: 15 Apr 2018 17:53

Tgt Ion: 43 Resp: 698

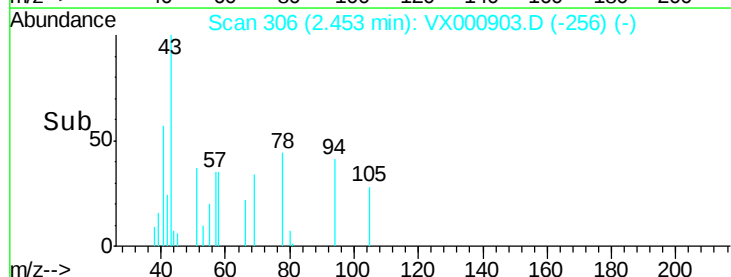
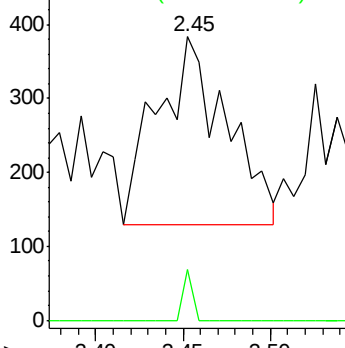
Ion Ratio Lower Upper

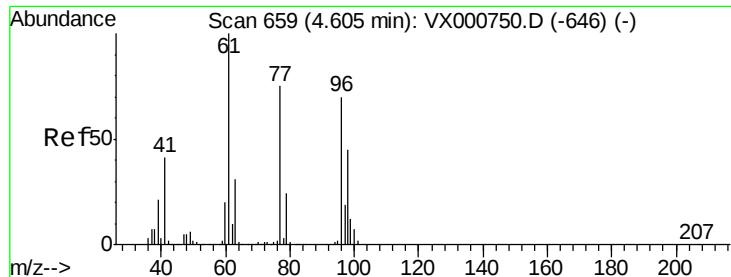
43 100

58 26.8 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#27

cis-1,2-Dichloroethene

Concen: 1.66 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX000903.D

Acq: 15 Apr 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

LF012MW033-180411DL

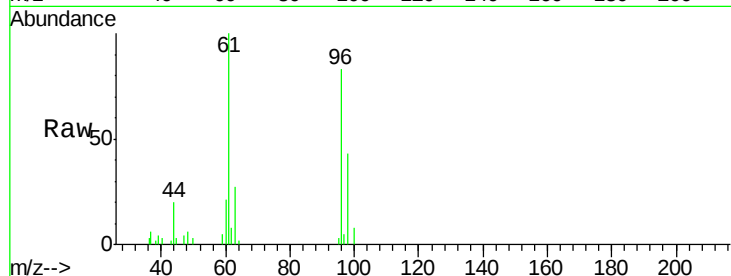
Tgt Ion: 96 Resp: 5329

Ion Ratio Lower Upper

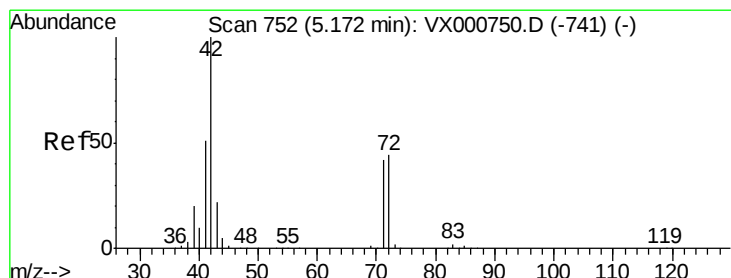
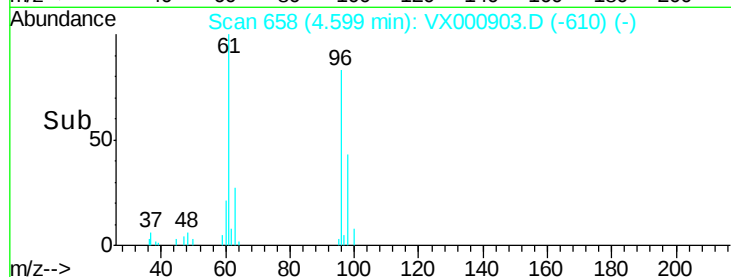
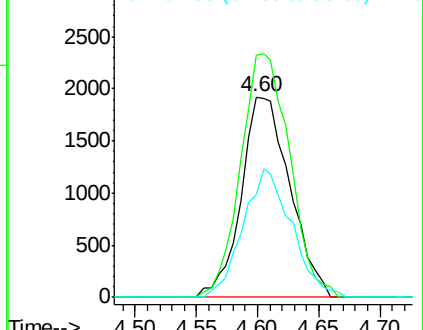
96 100

61 122.3 0.0 292.4

98 64.0 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



#29

Tetrahydrofuran

Concen: 0.66 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX000903.D

Acq: 15 Apr 2018 17:53

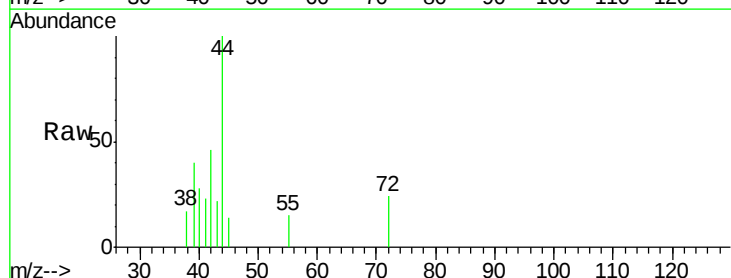
Tgt Ion: 42 Resp: 836

Ion Ratio Lower Upper

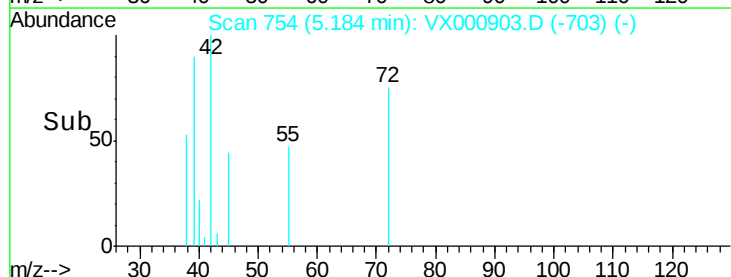
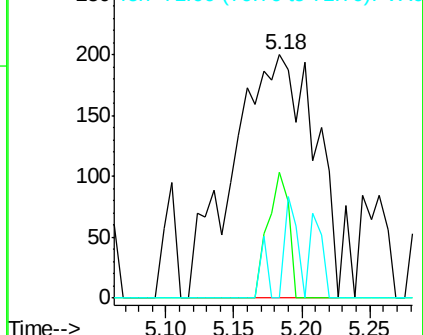
42 100

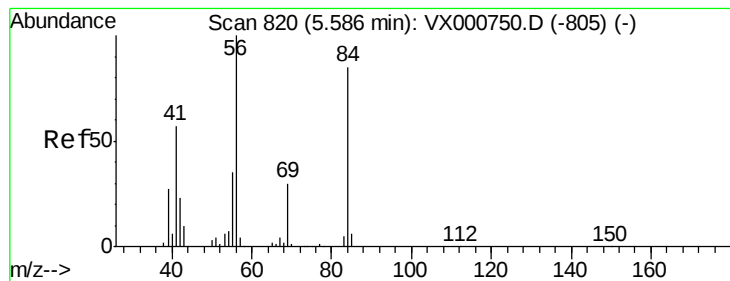
72 13.4 35.1 52.7#

71 6.2 32.8 49.2#



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0





#31

Cyclohexane

Concen: 0.99 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.08 min

Lab File: VX000903.D

Acq: 15 Apr 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

LF012MW033-180411DL

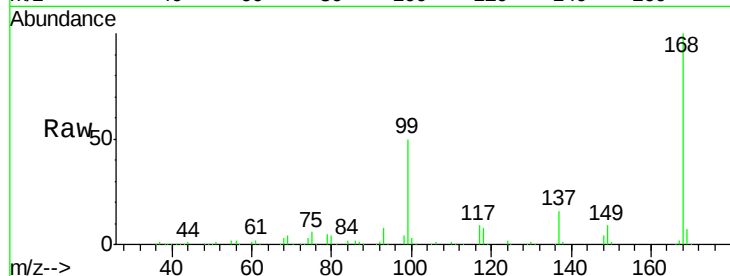
Tgt Ion: 56 Resp: 4601

Ion Ratio Lower Upper

56 100

69 178.1 24.2 36.4#

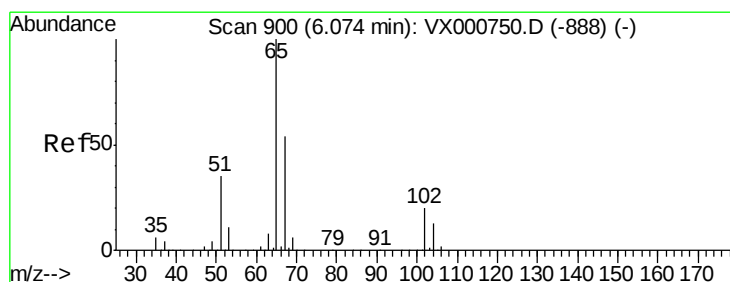
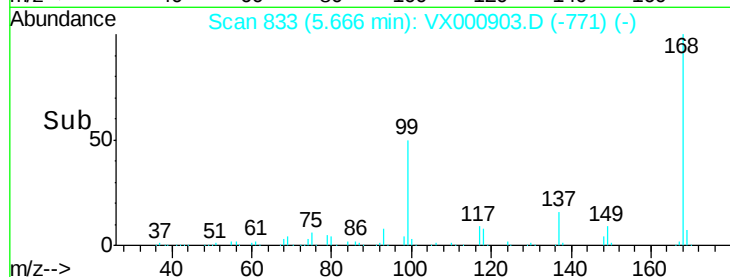
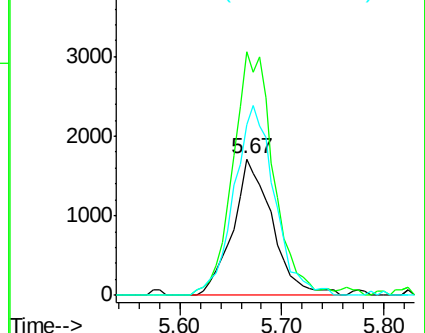
84 124.6 67.6 101.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.75 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX000903.D

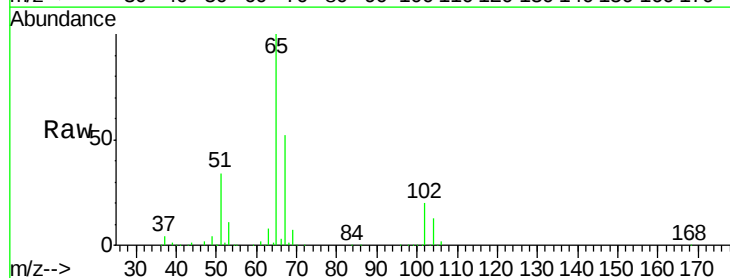
Acq: 15 Apr 2018 17:53

Tgt Ion: 65 Resp: 164865

Ion Ratio Lower Upper

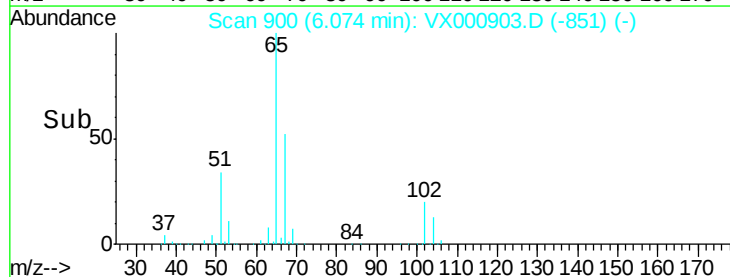
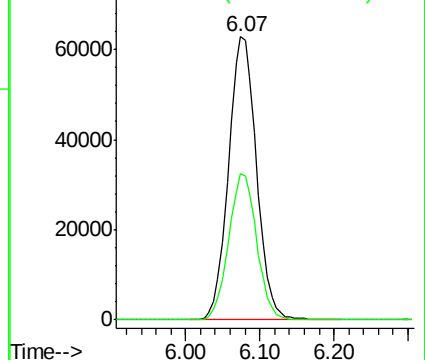
65 100

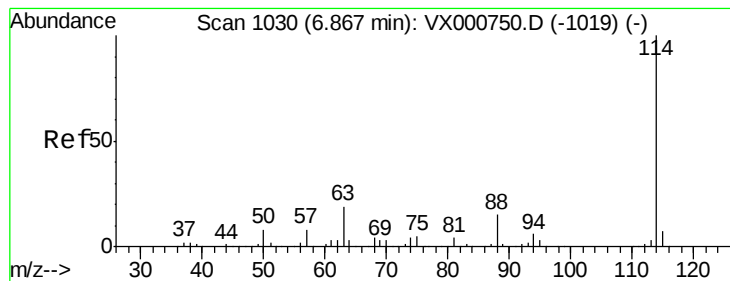
67 51.6 0.0 103.8



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: VX000903.D

Acq: 15 Apr 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

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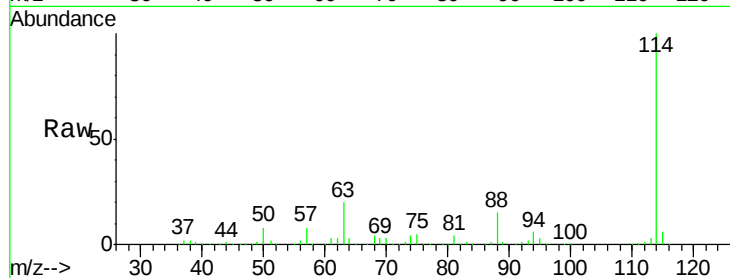
Tgt Ion:114 Resp: 376462

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.4

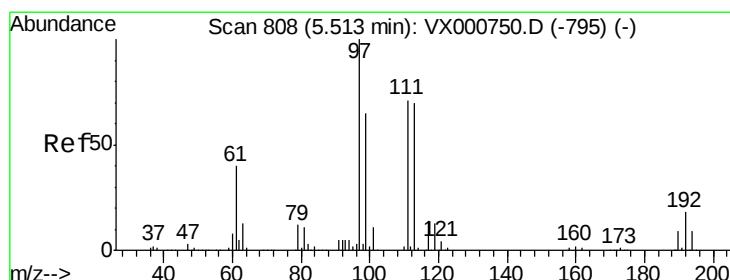
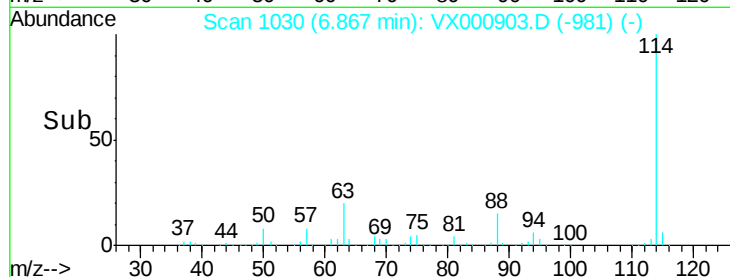
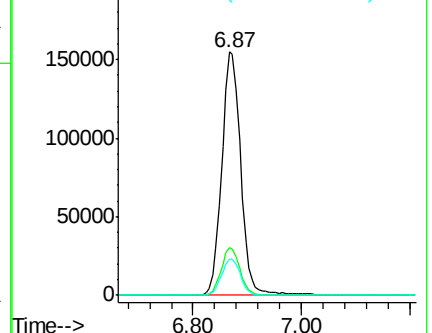
88 14.9 0.0 31.0



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: 45.51 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000903.D

Acq: 15 Apr 2018 17:53

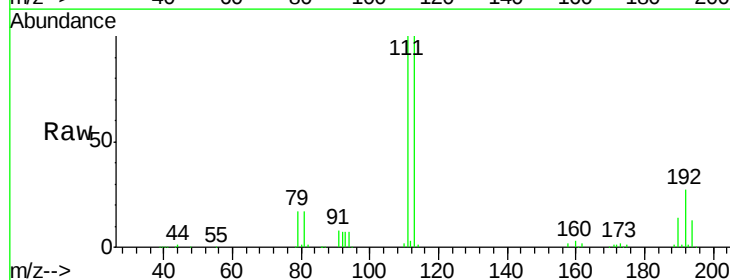
Tgt Ion:113 Resp: 131985

Ion Ratio Lower Upper

113 100

111 101.9 81.5 122.3

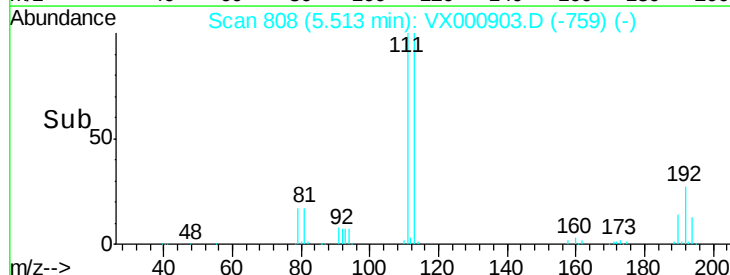
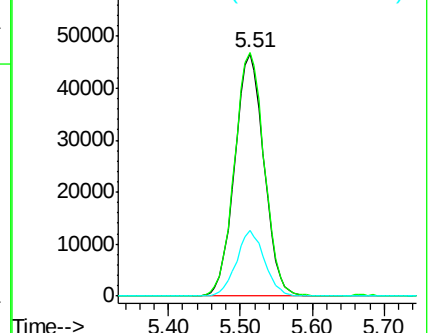
192 26.0 20.4 30.6

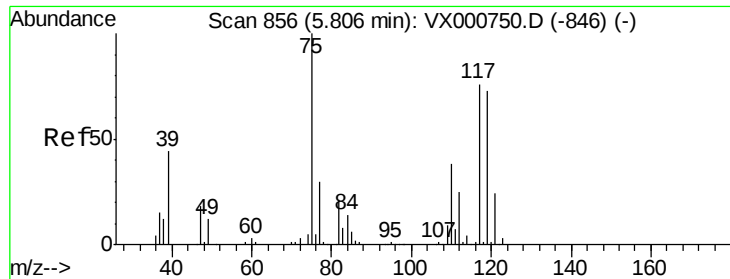


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

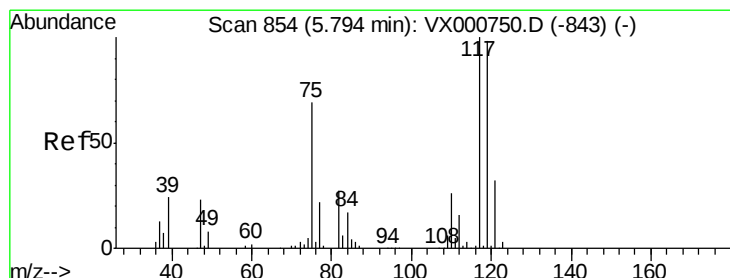
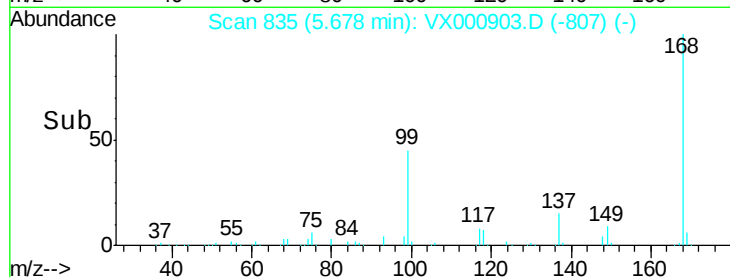
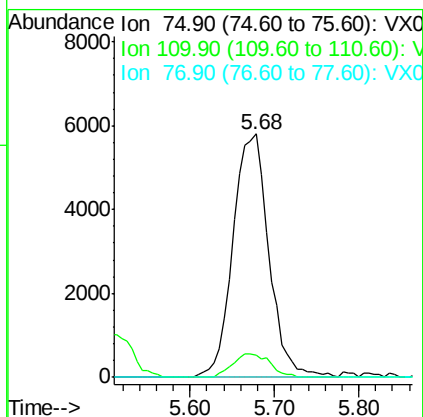
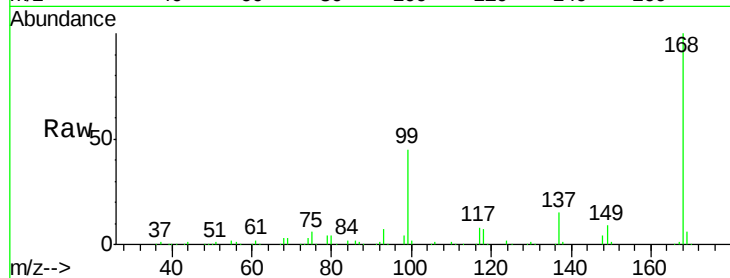




#36
 1,1-Dichloropropene
 Concen: 4.03 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.13 min
 Lab File: VX000903.D
 Acq: 15 Apr 2018 17:53

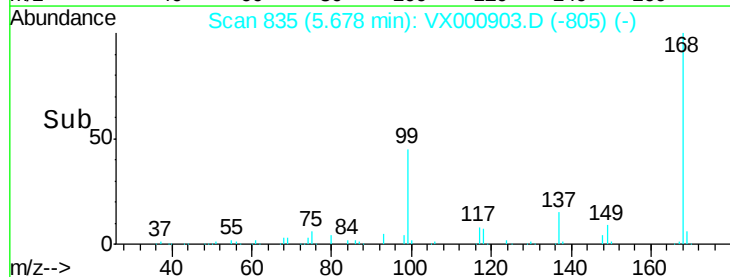
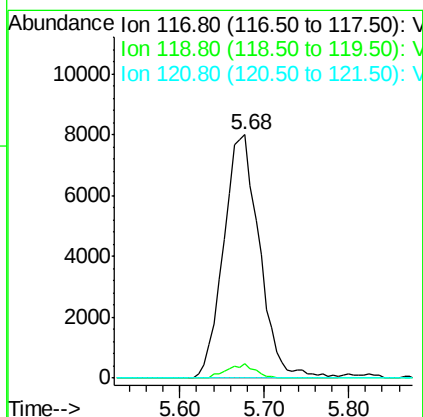
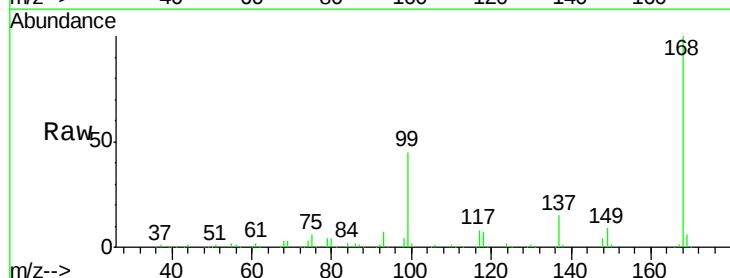
Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW033-180411DL

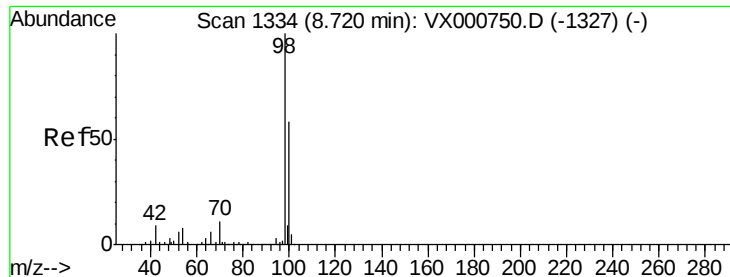
Tgt Ion: 75 Resp: 16726
 Ion Ratio Lower Upper
 75 100
 110 10.0 19.2 57.6#
 77 0.0 25.4 38.2#



#38
 Carbon Tetrachloride
 Concen: 5.01 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.12 min
 Lab File: VX000903.D
 Acq: 15 Apr 2018 17:53

Tgt Ion: 117 Resp: 23240
 Ion Ratio Lower Upper
 117 100
 119 5.7 78.4 117.6#
 121 0.0 25.4 38.0#





#50

Toluene-d8

Concen: 48.61 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000903.D

Acq: 15 Apr 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

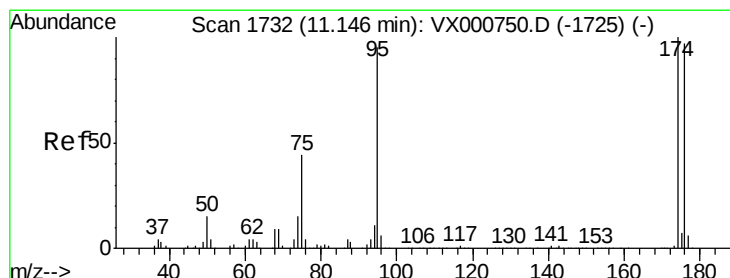
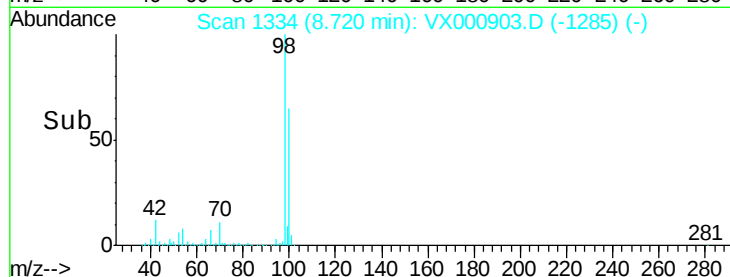
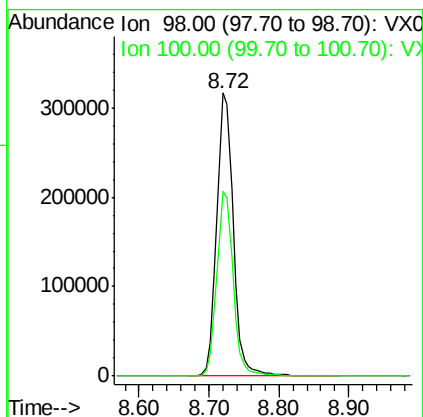
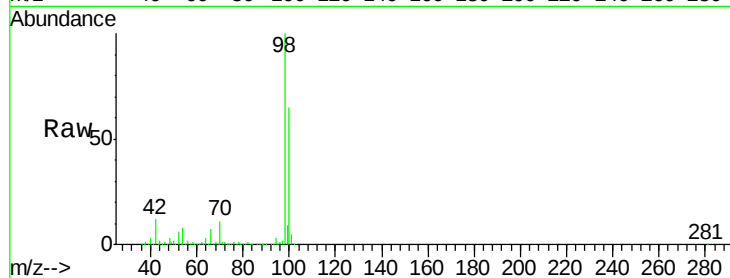
LF012MW033-180411DL

Tgt Ion: 98 Resp: 524999

Ion Ratio Lower Upper

98 100

100 64.6 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 45.21 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000903.D

Acq: 15 Apr 2018 17:53

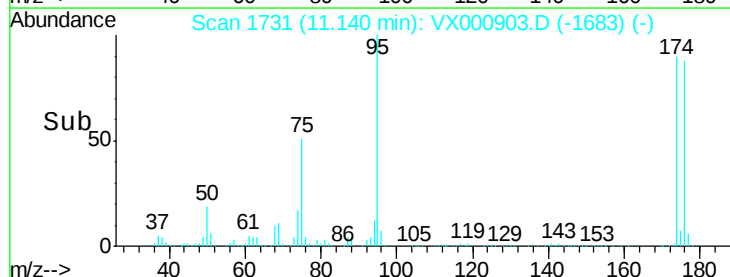
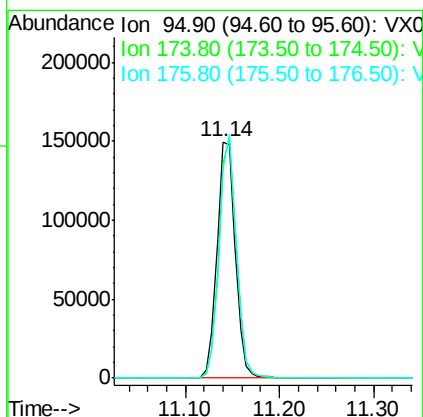
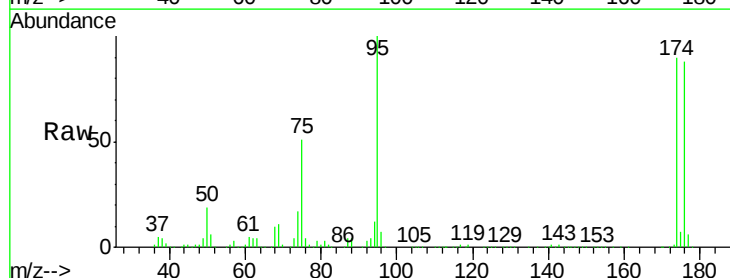
Tgt Ion: 95 Resp: 202008

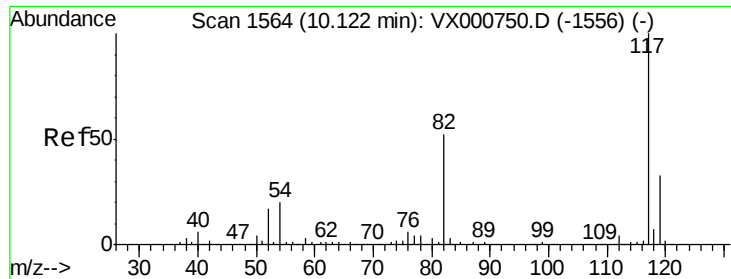
Ion Ratio Lower Upper

95 100

174 97.6 0.0 198.4

176 96.1 0.0 194.4

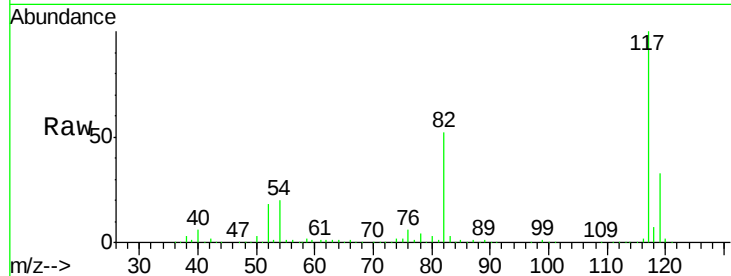




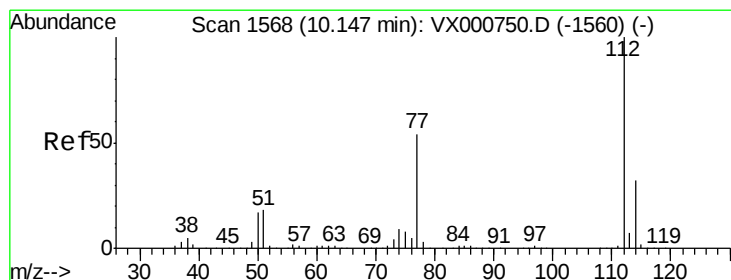
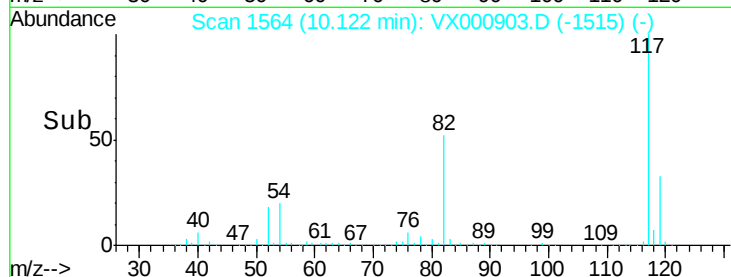
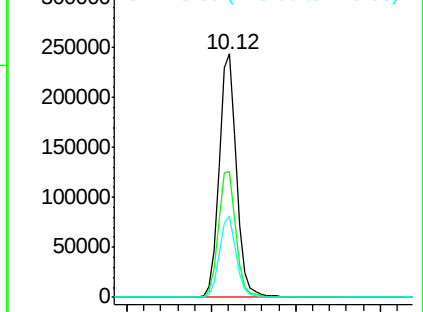
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000903.D
Acq: 15 Apr 2018 17:53

Instrument :
MSVOA_X
ClientSampleId :
LF012MW033-180411DL

Tgt Ion:117 Resp: 347435
Ion Ratio Lower Upper
117 100
82 51.7 41.9 62.9
119 33.3 26.0 39.0

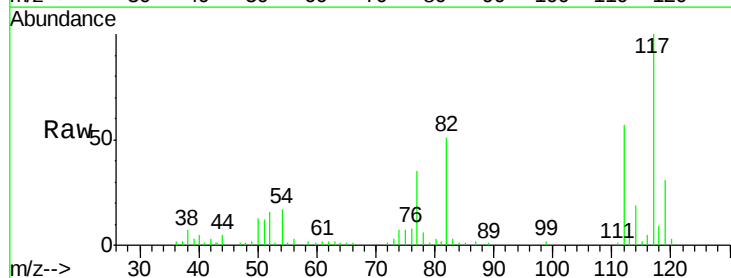


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

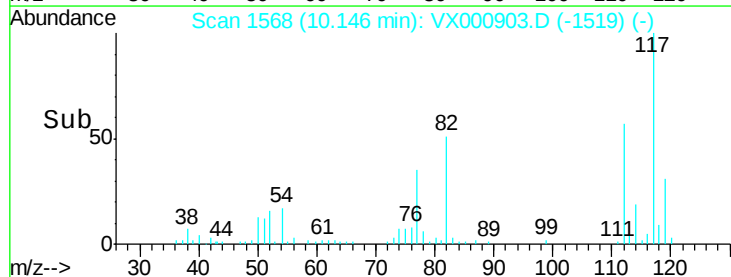
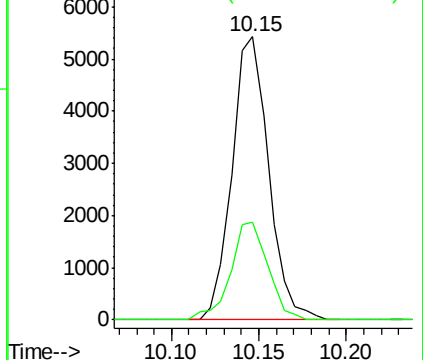


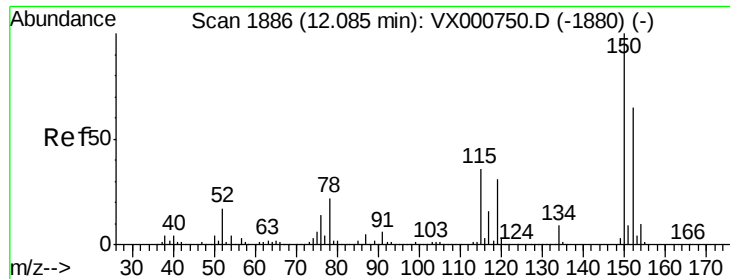
#65
Chlorobenzene
Concen: 0.91 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000903.D
Acq: 15 Apr 2018 17:53

Tgt Ion:112 Resp: 7928
Ion Ratio Lower Upper
112 100
114 34.4 25.8 38.8



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: VX000903.D

Acq: 15 Apr 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

LF012MW033-180411DL

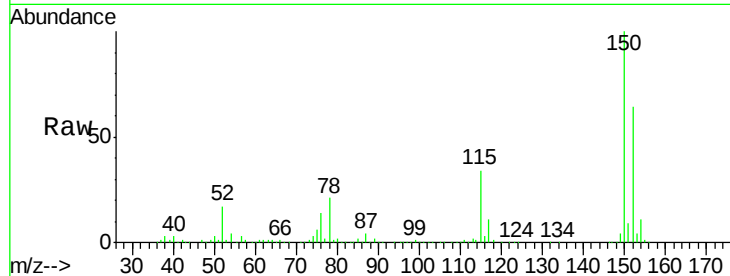
Tgt Ion:152 Resp: 228149

Ion Ratio Lower Upper

152 100

115 53.0 37.9 113.7

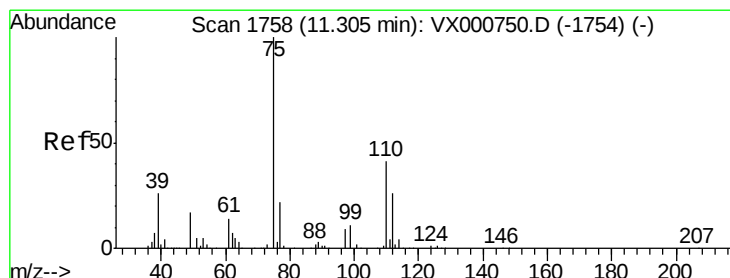
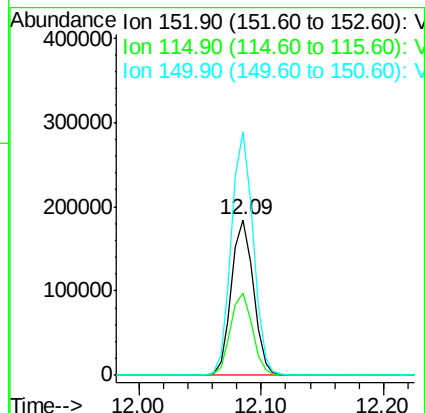
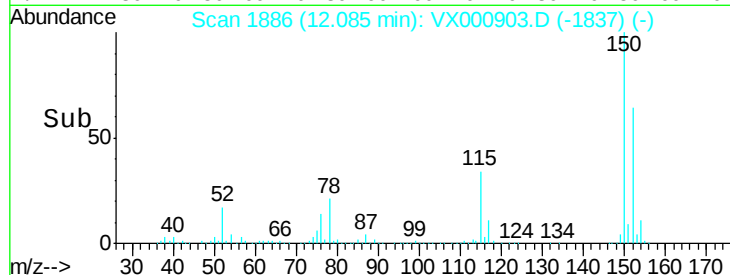
150 155.9 0.0 348.0



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



#76

1,2,3-Trichloropropane

Concen: 25.09 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX000903.D

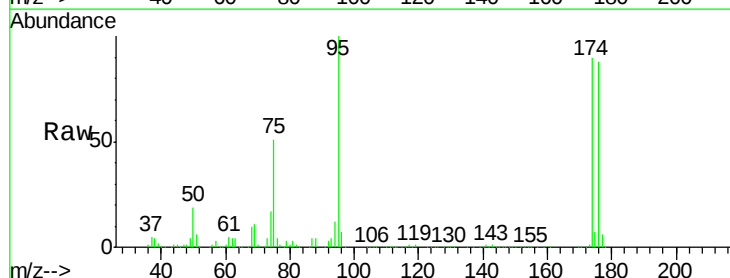
Acq: 15 Apr 2018 17:53

Tgt Ion: 75 Resp: 98704

Ion Ratio Lower Upper

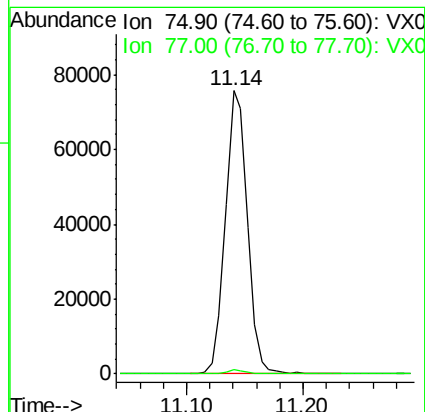
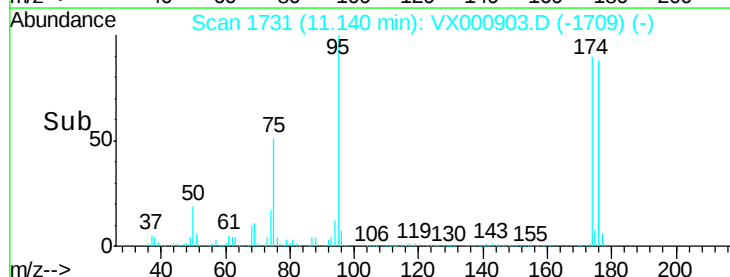
75 100

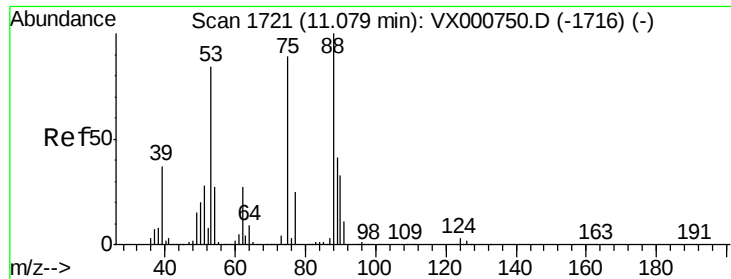
77 1.2 20.5 61.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 69.01 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX000903.D

Acq: 15 Apr 2018 17:53

Instrument :

MSVOA_X

ClientSampleId :

LF012MW033-180411DL

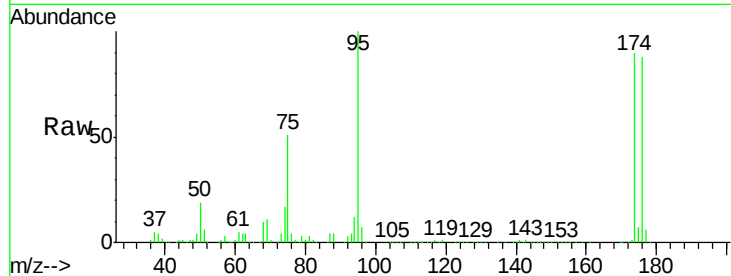
Tgt Ion: 75 Resp: 98704

Ion Ratio Lower Upper

75 100

53 0.0 75.4 113.0#

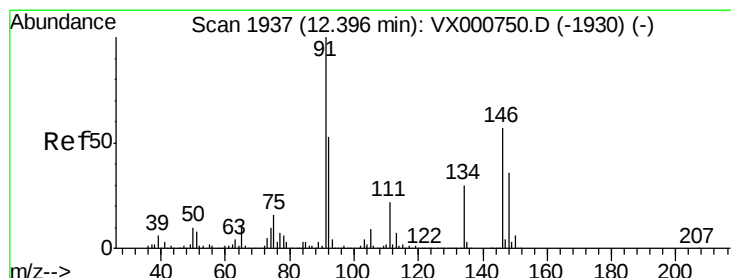
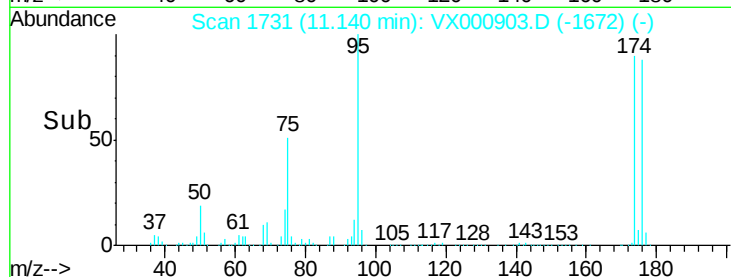
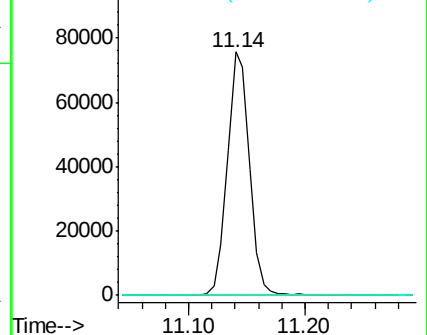
89 0.0 40.9 61.3#



Abundance Ion 74.90 (74.60 to 75.60): VX000903.D (-1672) (-)

Ion 53.00 (52.70 to 53.70): VX000903.D (-1672) (-)

Ion 88.90 (88.60 to 89.60): VX000903.D (-1672) (-)



#91

1,2-Dichlorobenzene

Concen: 0.38 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000903.D

Acq: 15 Apr 2018 17:53

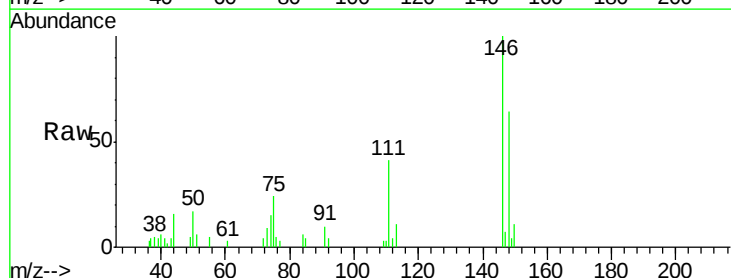
Tgt Ion: 146 Resp: 2903

Ion Ratio Lower Upper

146 100

111 38.6 18.9 56.7

148 61.8 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): VX000903.D (-1888) (-)

Ion 110.90 (110.60 to 111.60): VX000903.D (-1888) (-)

Ion 147.90 (147.60 to 148.60): VX000903.D (-1888) (-)

