

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001832.D
 Acq On : 18 May 2018 18:01
 Operator : JC/MD
 Sample : J2853-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW307-180507

Quant Time: May 19 04:21:22 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	324306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	453850	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	359395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	196707	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	235399	54.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.30%	
35) Dibromofluoromethane	5.51	113	203482	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.26%	
50) Toluene-d8	8.72	98	730061	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.44%	
62) 4-Bromofluorobenzene	11.14	95	209483	42.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.82%	

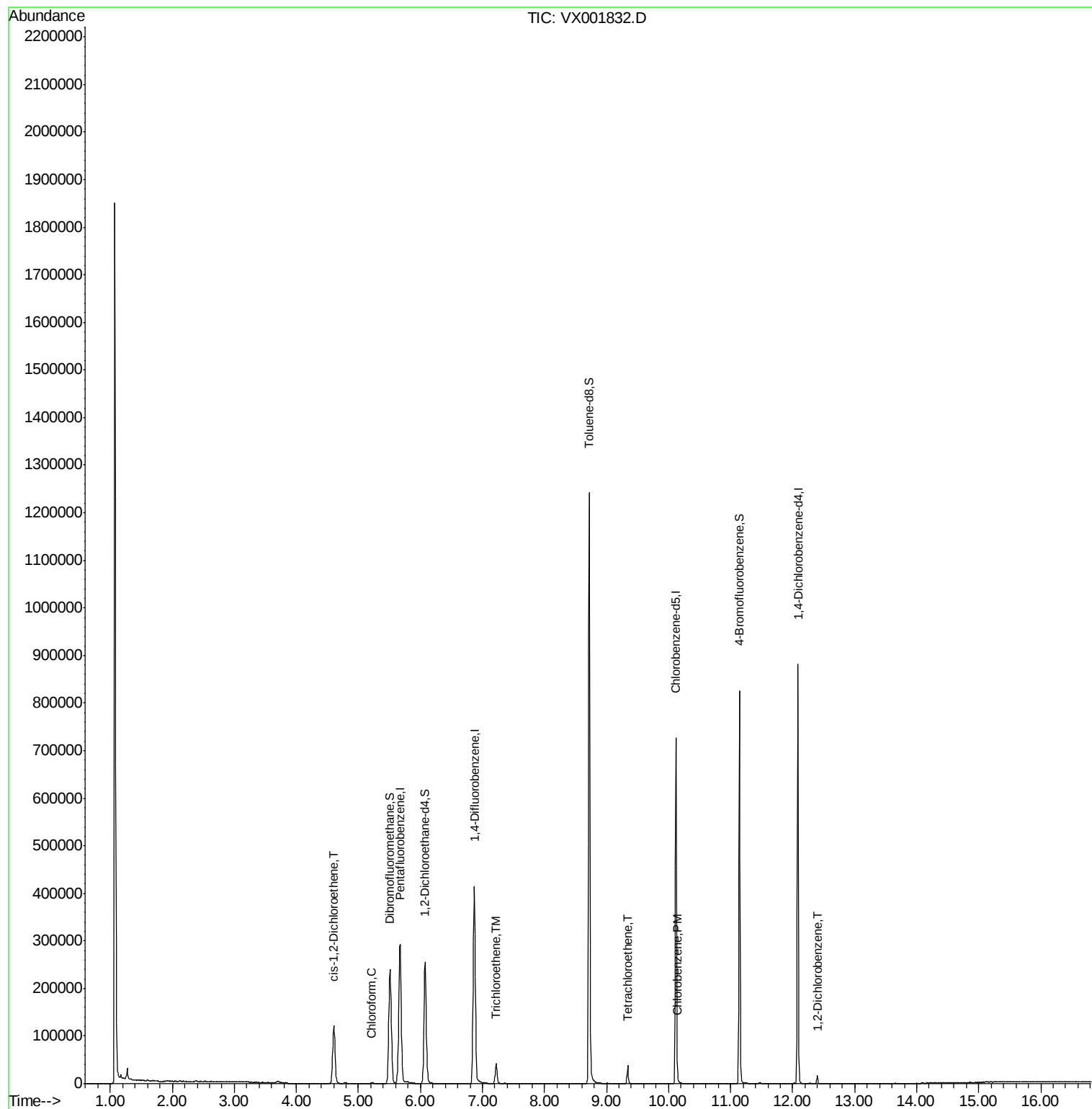
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
27) cis-1,2-Dichloroethene	4.60	96	80396	20.01	ug/l	90
30) Chloroform	5.22	83	1580	0.24	ug/l	93
44) Trichloroethene	7.22	130	16879	3.53	ug/l	89
64) Tetrachloroethene	9.34	164	8090	1.73	ug/l	96
65) Chlorobenzene	10.15	112	2182	0.22	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	5617	0.80	ug/l	97

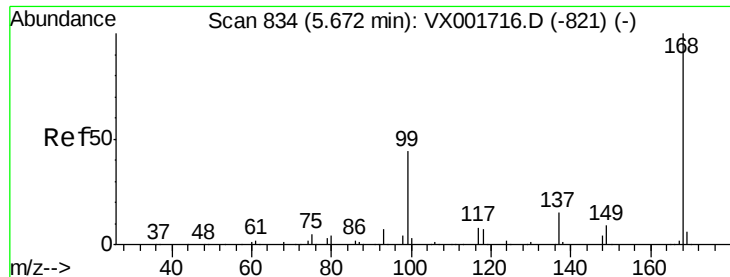
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001832.D

Acq: 18 May 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

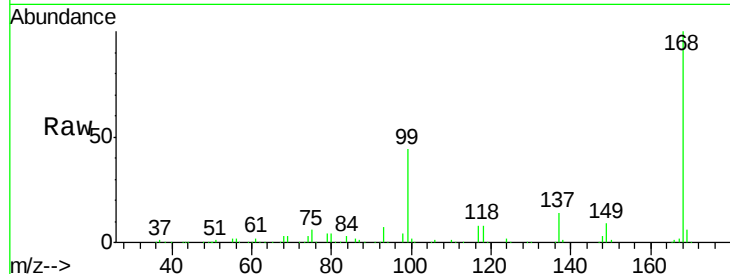
SS037MW307-180507

Tot Ion:168 Resp: 324306

Ion Ratio Lower Upper

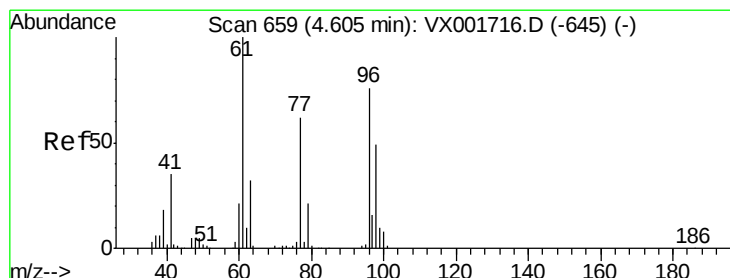
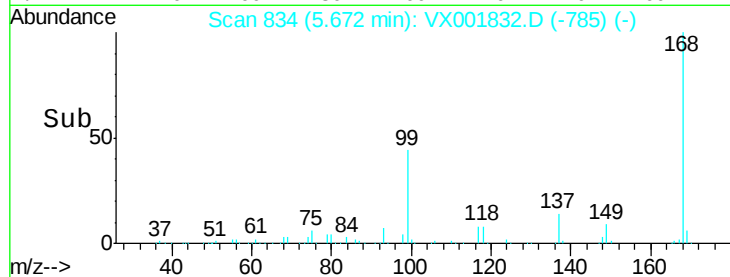
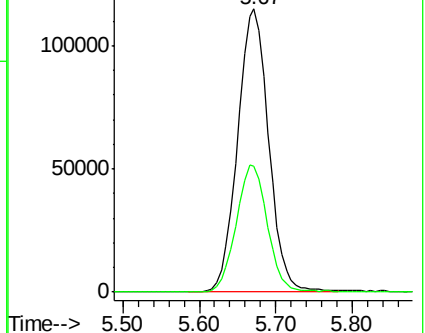
168 100

99 44.4 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 20.01 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001832.D

Acq: 18 May 2018 18:01

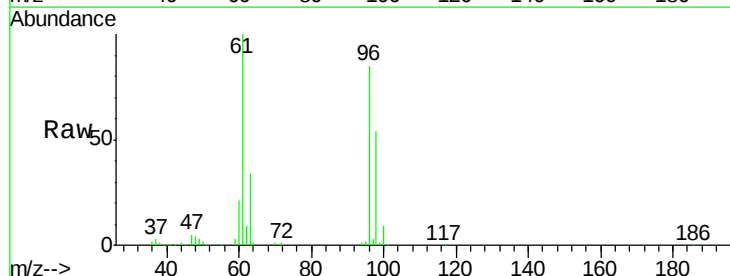
Tgt Ion: 96 Resp: 80396

Ion Ratio Lower Upper

96 100

61 123.1 0.0 280.4

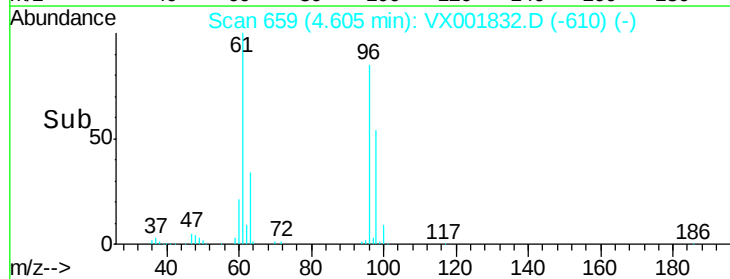
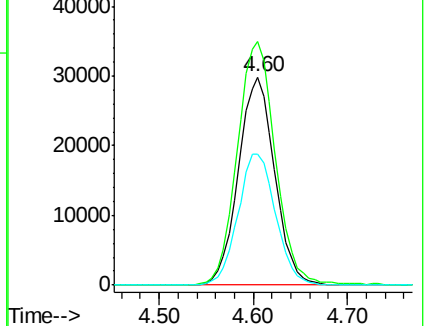
98 65.7 0.0 128.4

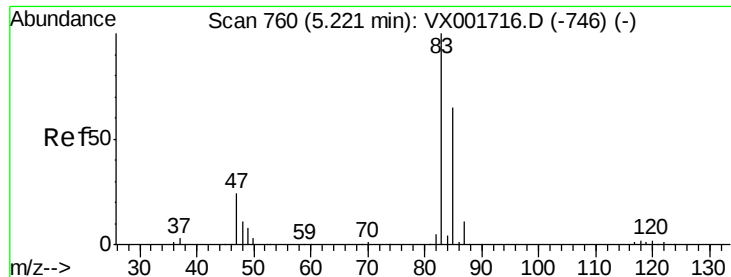


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

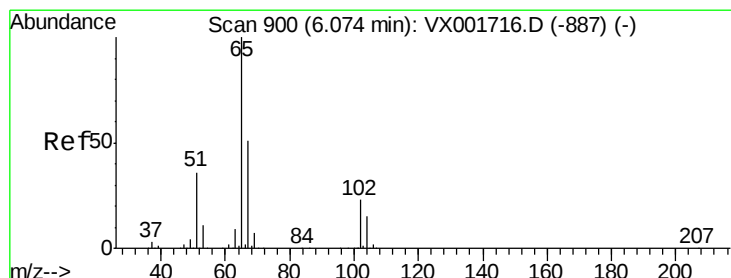
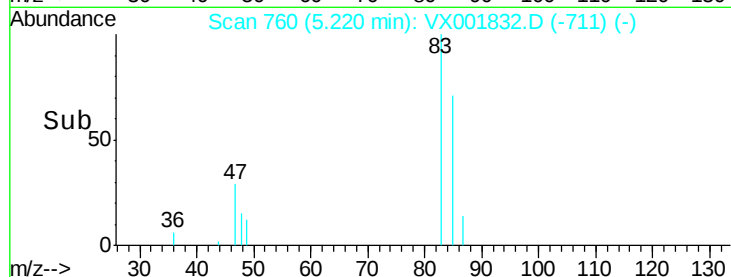
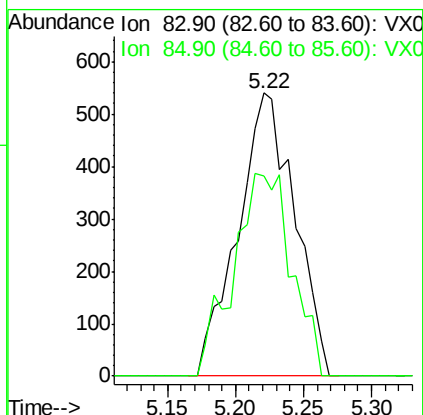
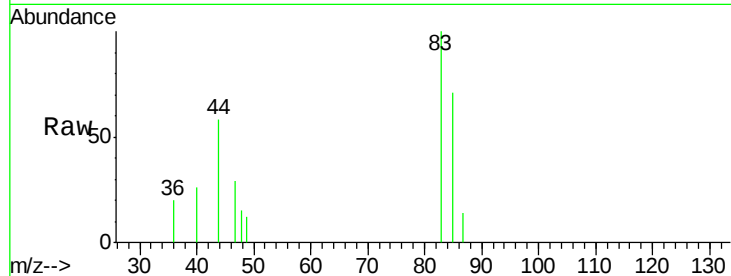




#30
Chloroform
Concen: 0.24 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX001832.D
Acq: 18 May 2018 18:01

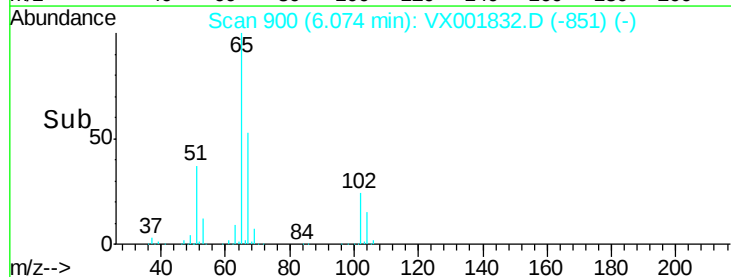
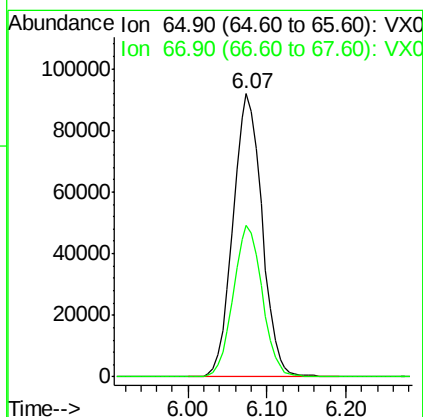
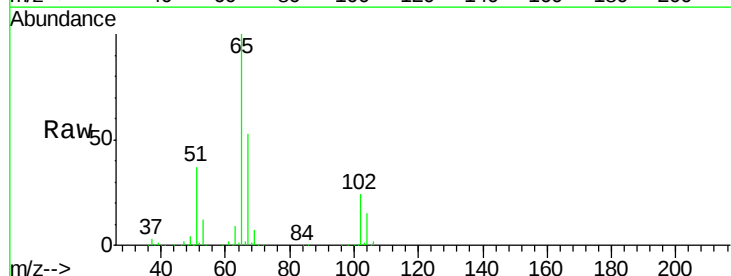
Instrument :
MSVOA_X
ClientSampleId :
SS037MW307-180507

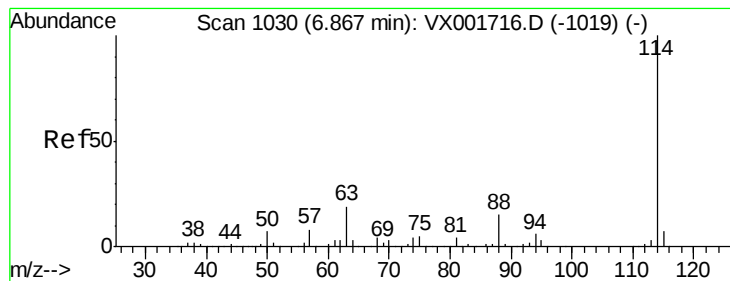
Tot Ion: 83 Resp: 1580
Ion Ratio Lower Upper
83 100
85 70.7 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 54.15 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX001832.D
Acq: 18 May 2018 18:01

Tgt Ion: 65 Resp: 235399
Ion Ratio Lower Upper
65 100
67 53.4 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001832.D

Acq: 18 May 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

SS037MW307-180507

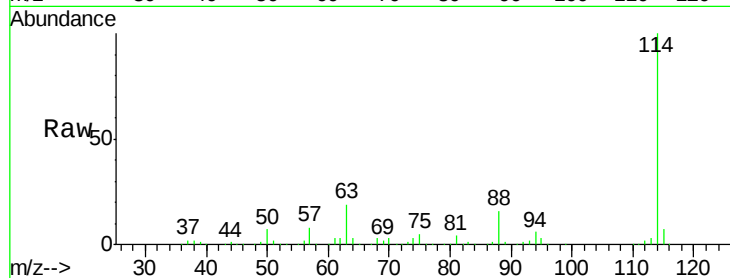
Tot Ion:114 Resp: 453850

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.0

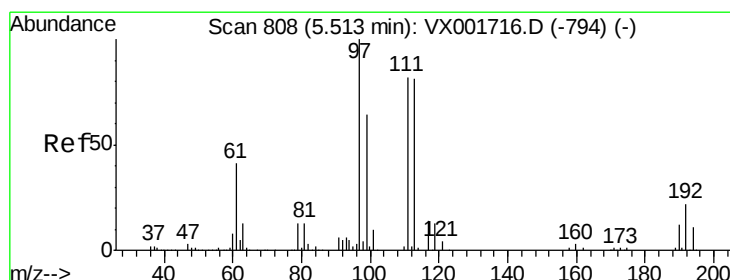
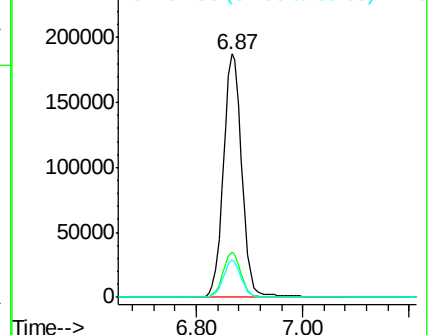
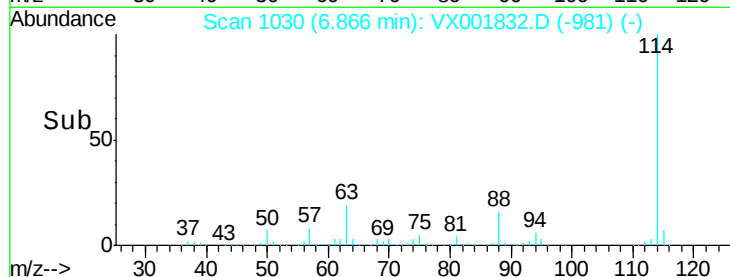
88 15.6 0.0 29.8



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: 53.13 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001832.D

Acq: 18 May 2018 18:01

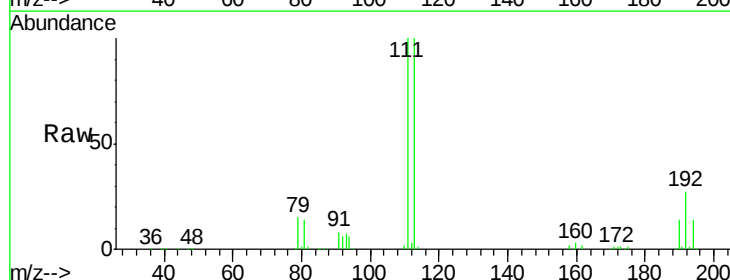
Tgt Ion:113 Resp: 203482

Ion Ratio Lower Upper

113 100

111 101.1 82.0 123.0

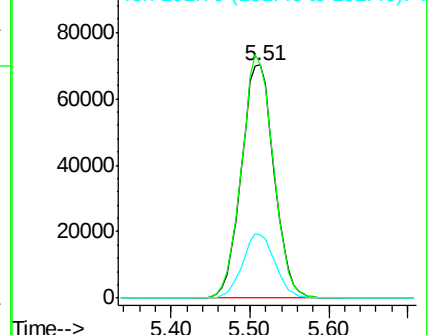
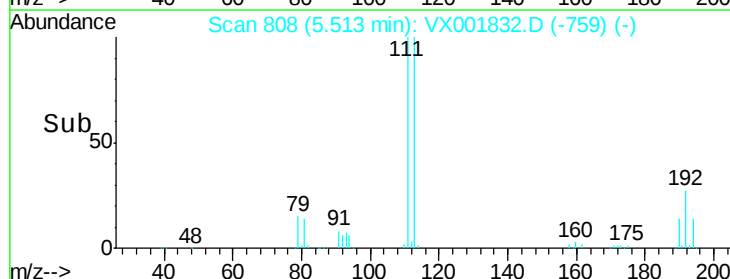
192 27.3 21.6 32.4

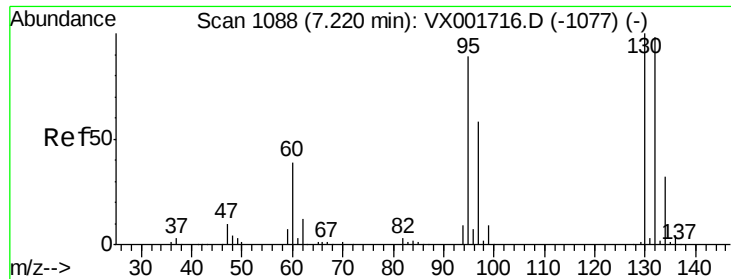


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 3.53 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001832.D

Acq: 18 May 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

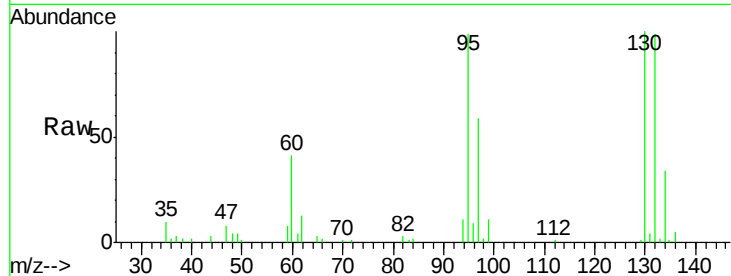
SS037MW307-180507

Tot Ion:130 Resp: 16879

Ion Ratio Lower Upper

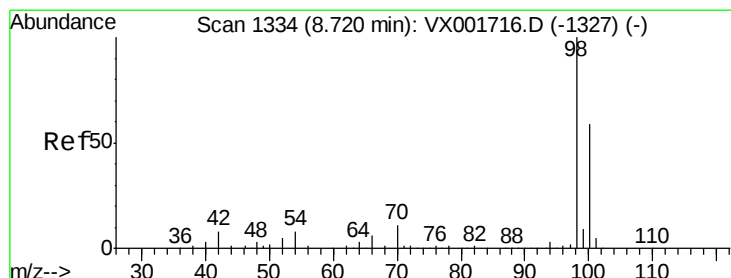
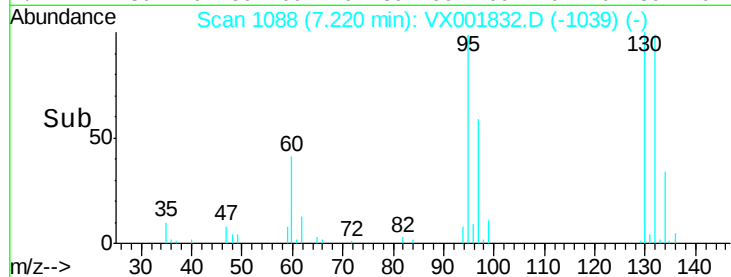
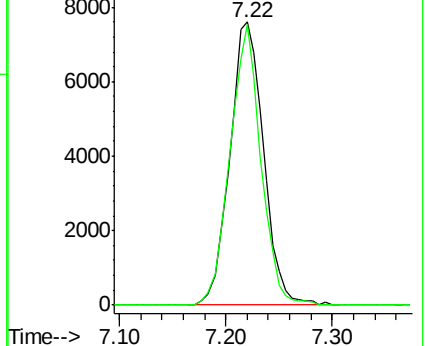
130 100

95 99.2 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 53.22 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001832.D

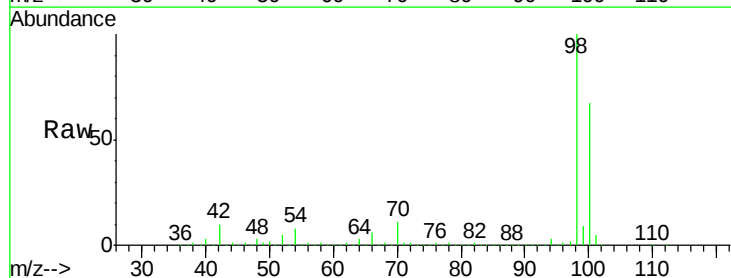
Acq: 18 May 2018 18:01

Tgt Ion: 98 Resp: 730061

Ion Ratio Lower Upper

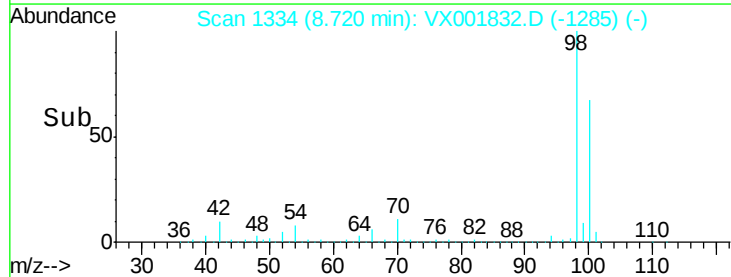
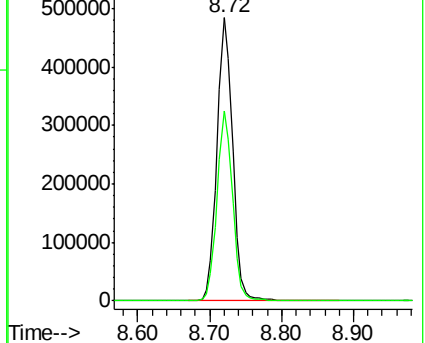
98 100

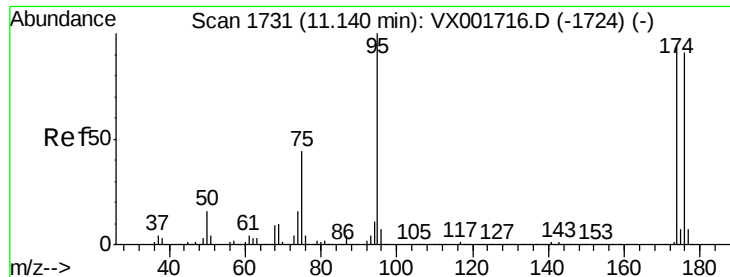
100 66.8 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

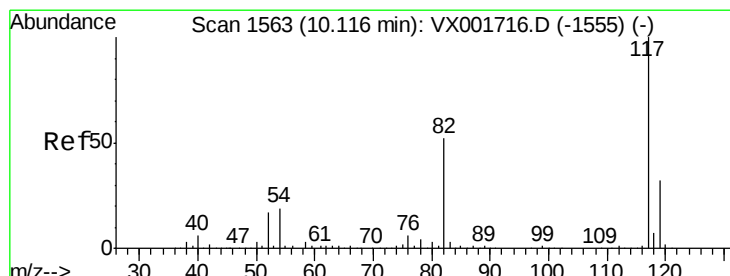
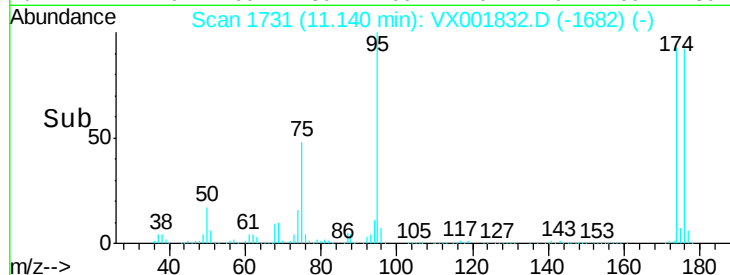
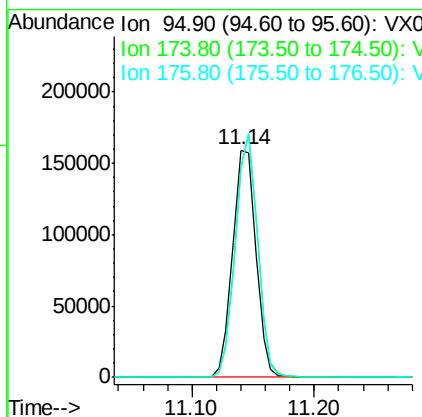
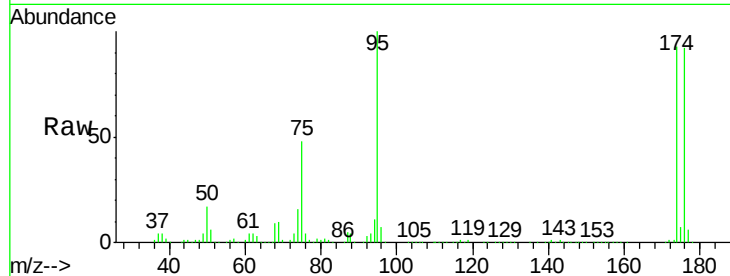




#62
4-Bromofluorobenzene
Concen: 42.41 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001832.D
Acq: 18 May 2018 18:01

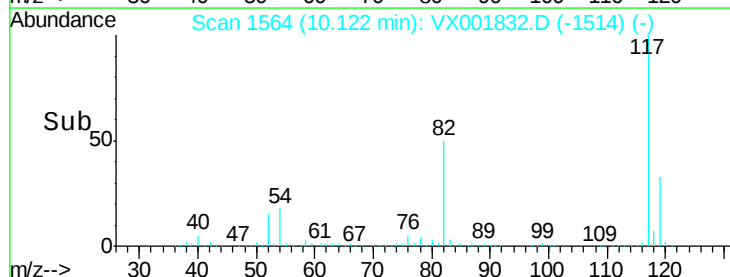
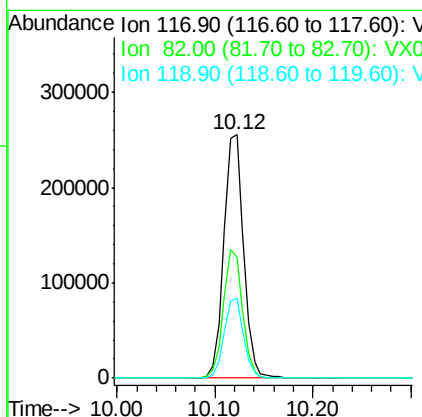
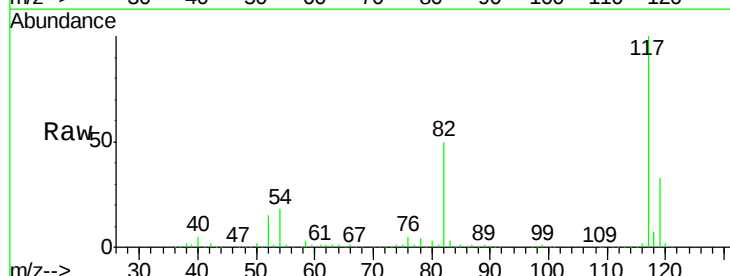
Instrument :
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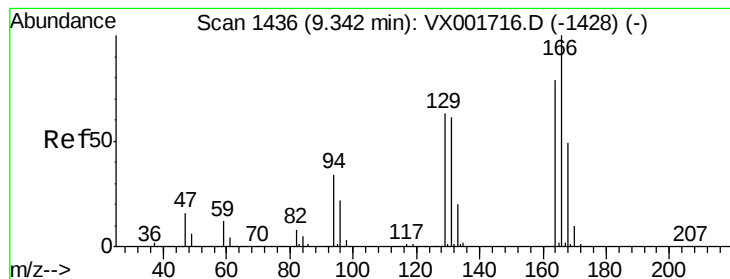
Tot Ion: 95 Resp: 209483
Ion Ratio Lower Upper
95 100
174 102.5 0.0 201.8
176 101.0 0.0 196.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001832.D
Acq: 18 May 2018 18:01

Tgt Ion: 117 Resp: 359395
Ion Ratio Lower Upper
117 100
82 49.7 41.4 62.2
119 32.5 25.6 38.4





#64

Tetrachloroethene

Concen: 1.73 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001832.D

Acq: 18 May 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

SS037MW307-180507

Tot Ion:164 Resp: 8090

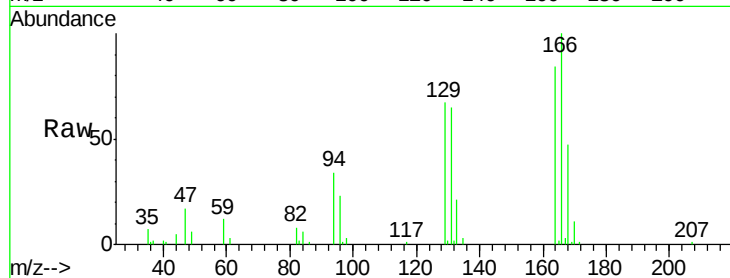
Ion Ratio Lower Upper

164 100

166 118.7 101.8 152.8

129 79.0 63.8 95.6

131 77.3 62.2 93.2

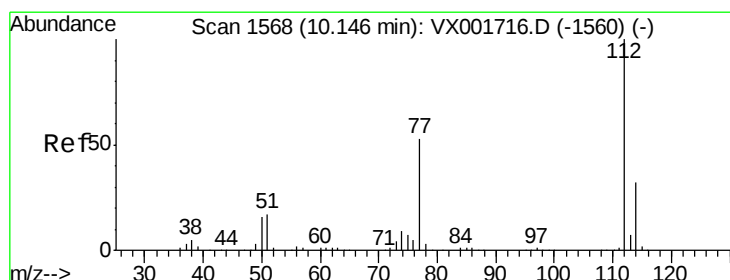
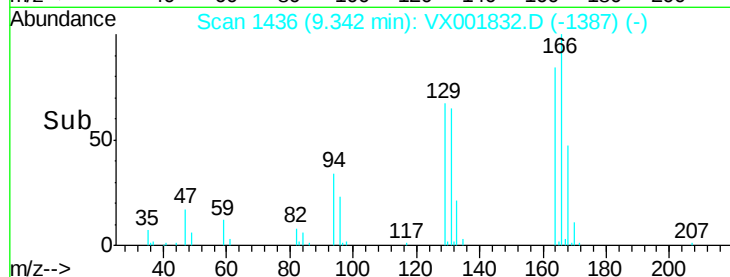
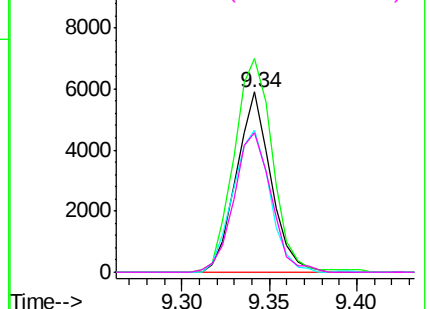


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 0.22 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001832.D

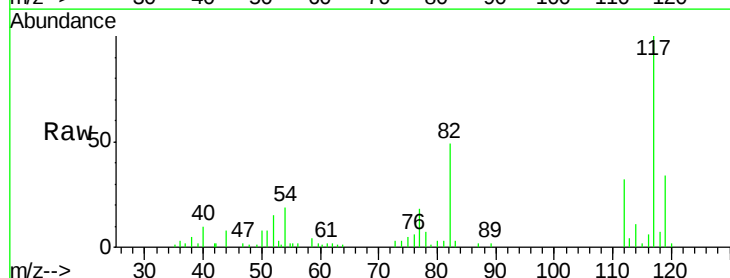
Acq: 18 May 2018 18:01

Tgt Ion:112 Resp: 2182

Ion Ratio Lower Upper

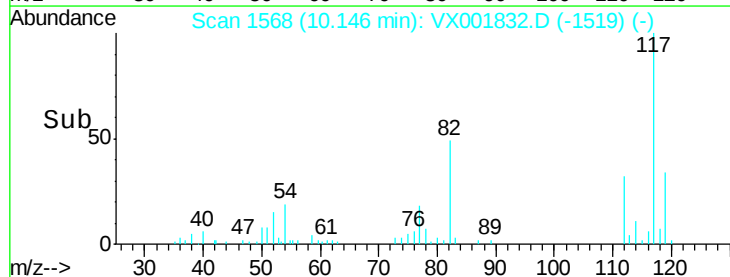
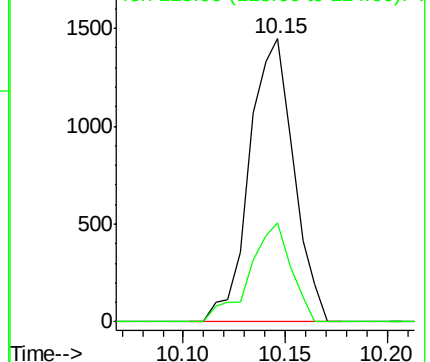
112 100

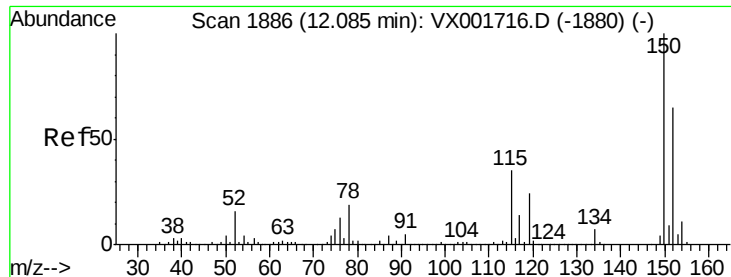
114 35.0 25.6 38.4



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: VX001832.D

Acq: 18 May 2018 18:01

Instrument :

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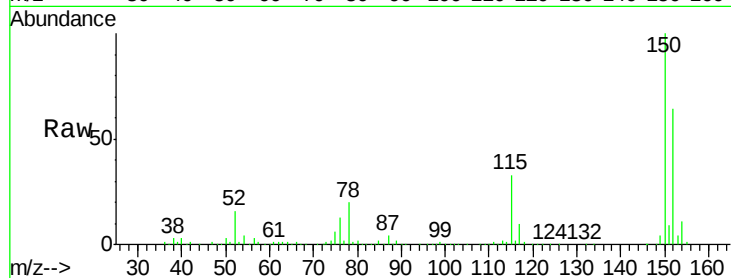
Tot Ion:152 Resp: 196707

Ion Ratio Lower Upper

152 100

115 51.5 37.4 112.2

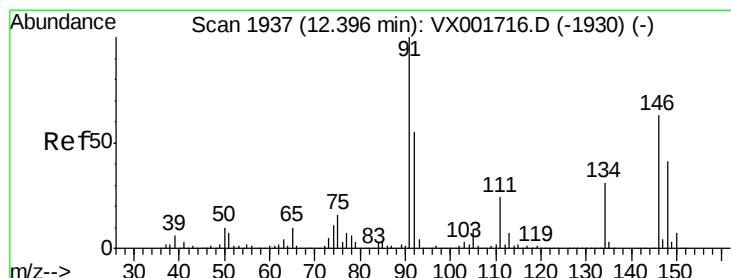
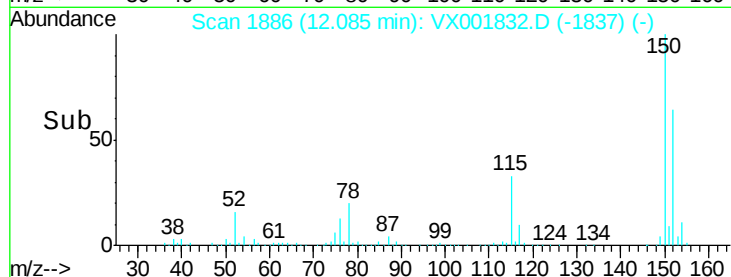
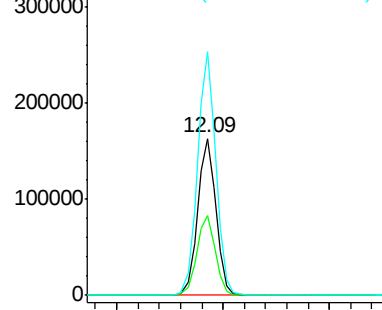
150 155.2 0.0 344.8



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: 0.80 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001832.D

Acq: 18 May 2018 18:01

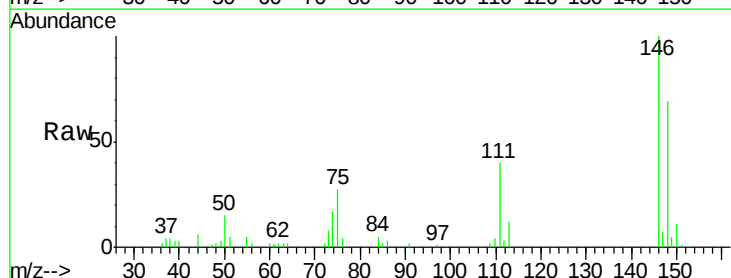
Tgt Ion:146 Resp: 5617

Ion Ratio Lower Upper

146 100

111 37.7 18.6 56.0

148 68.6 32.4 97.0



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

