

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032918\
 Data File : VX000551.D
 Acq On : 30 Mar 2018 08:34
 Operator : JC/MD
 Sample : J2127-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-1

Quant Time: Mar 30 16:11:12 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

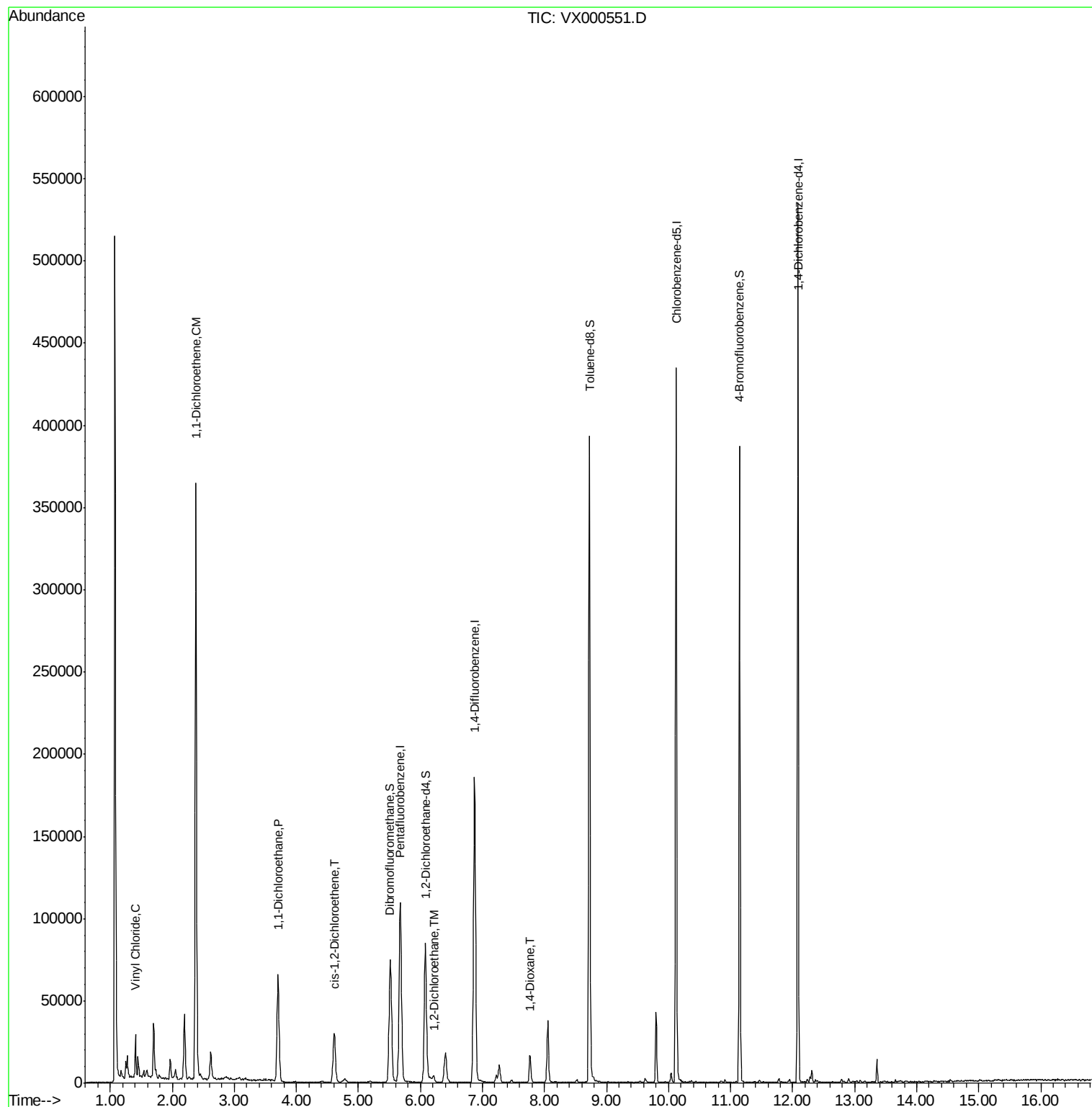
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	103621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	185325	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	188267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	98702	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	75120	55.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.08%	
35) Dibromofluoromethane	5.51	113	58407	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	8.73	98	237262	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
62) 4-Bromofluorobenzene	11.15	95	82864	41.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.42%	
Target Compounds						
4) Vinyl Chloride	1.40	62	16780	13.20	ug/l	99
12) 1,1-Dichloroethene	2.38	96	111523	99.29	ug/l	97
24) 1,1-Dichloroethane	3.70	63	66896	30.30	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	18511	15.81	ug/l	87
42) 1,2-Dichloroethane	6.21	62	3781	1.91	ug/l	98
49) 1,4-Dioxane	7.77	88	11823	328.23	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000551.D

Acq: 30 Mar 2018 08:34

Instrument :

MSVOA_X

ClientSampleId :

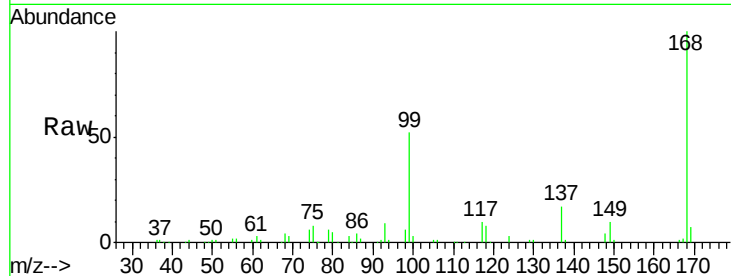
DUP-1

Tot Ion:168 Resp: 103621

Ion Ratio Lower Upper

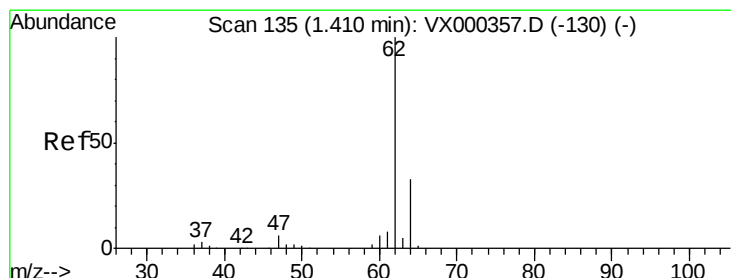
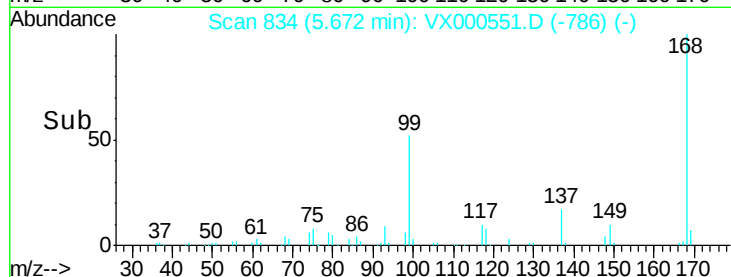
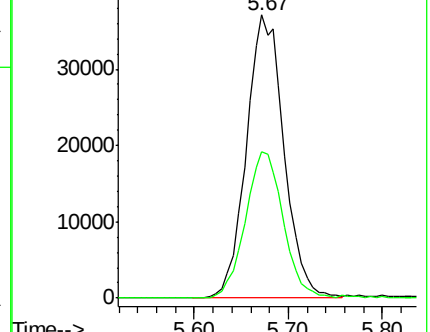
168 100

99 51.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 13.20 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000551.D

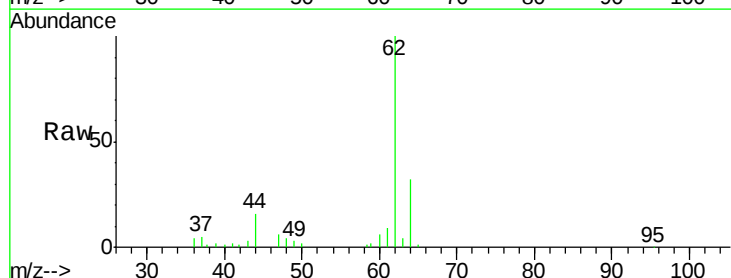
Acq: 30 Mar 2018 08:34

Tgt Ion: 62 Resp: 16780

Ion Ratio Lower Upper

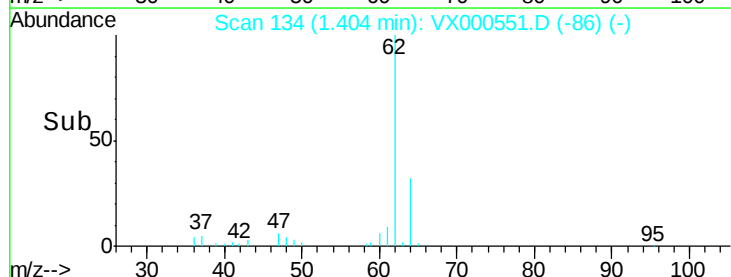
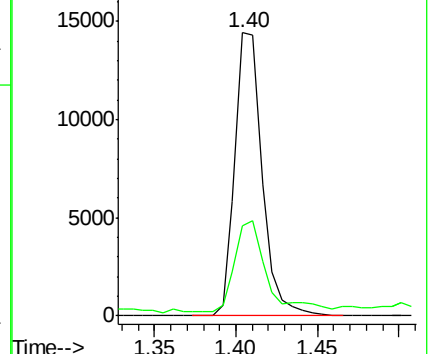
62 100

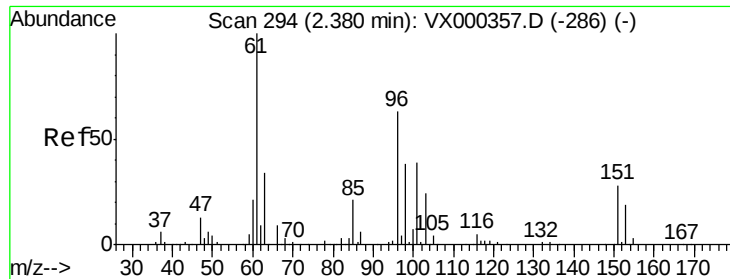
64 30.2 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#12

1,1-Dichloroethene

Concen: 99.29 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX000551.D

Acq: 30 Mar 2018 08:34

Instrument :

MSVOA_X

ClientSampled :

DUP-1

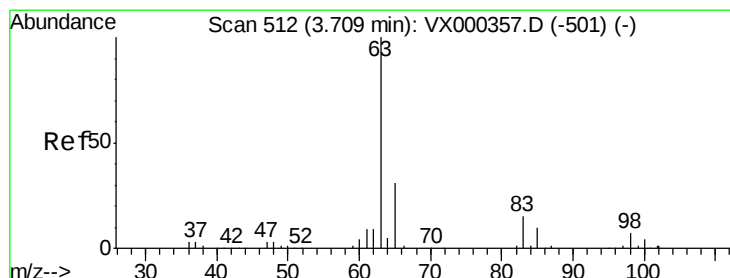
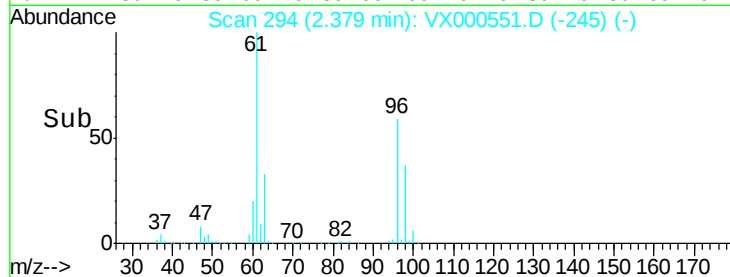
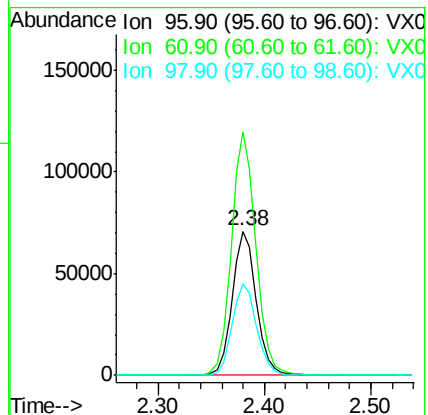
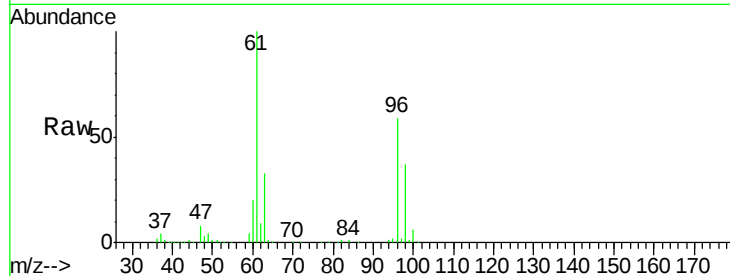
Tot Ion: 96 Resp: 111523

Ion Ratio Lower Upper

96 100

61 168.6 131.2 196.8

98 63.1 49.8 74.8



#24

1,1-Dichloroethane

Concen: 30.30 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000551.D

Acq: 30 Mar 2018 08:34

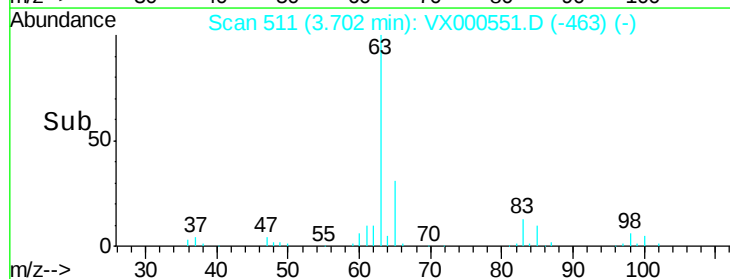
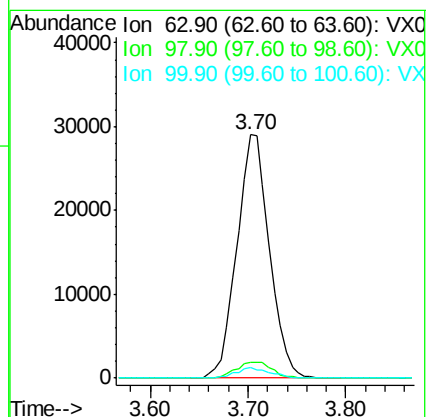
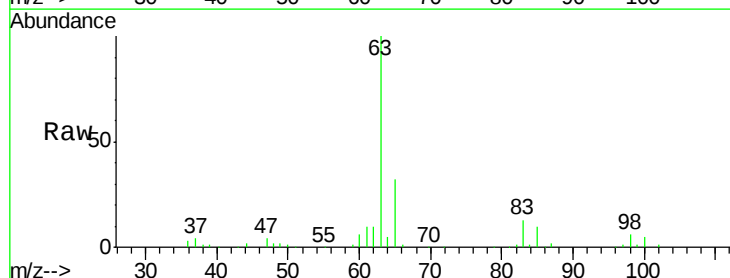
Tgt Ion: 63 Resp: 66896

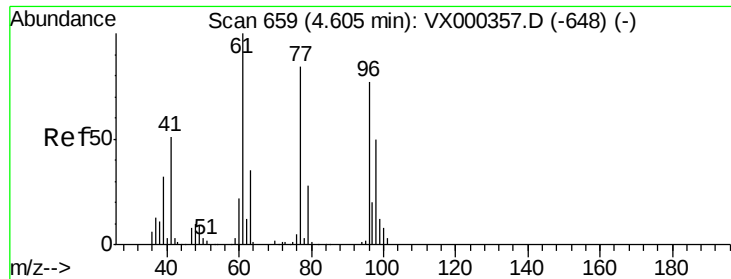
Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

100 4.6 2.0 5.8



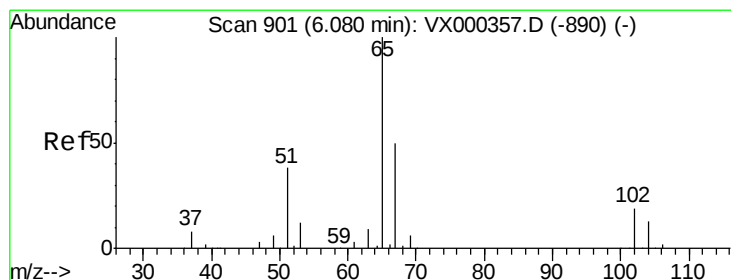
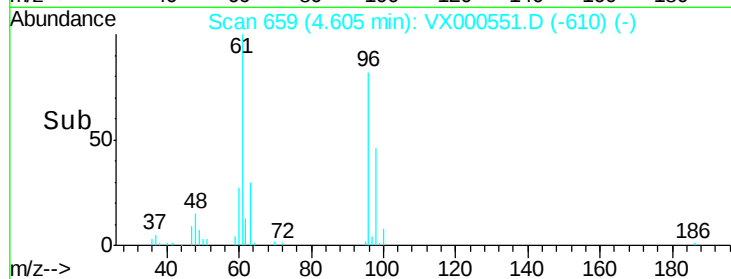
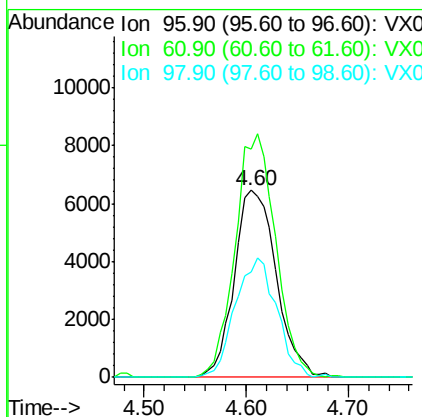
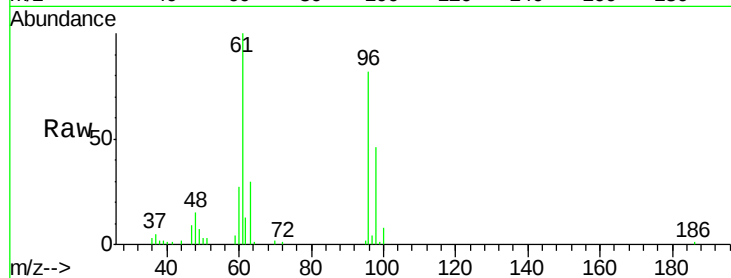


#27

cis-1,2-Dichloroethene
 Concen: 15.81 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX000551.D
 Acq: 30 Mar 2018 08:34

Instrument :
 MSVOA_X
 ClientSampled :
 DUP-1

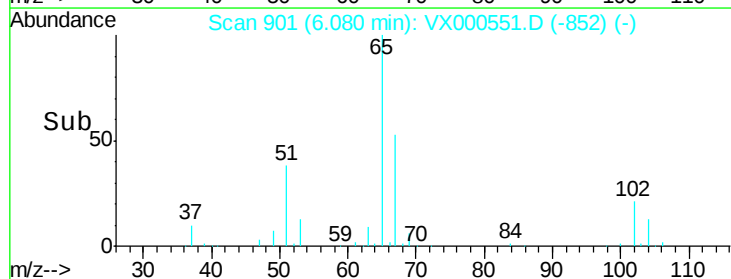
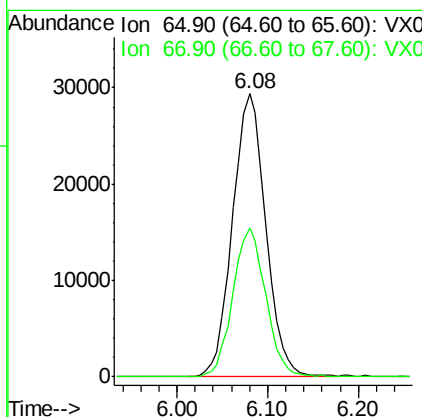
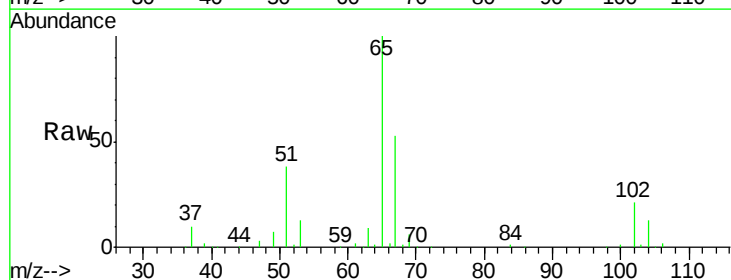
Tot Ion: 96 Resp: 18511
 Ion Ratio Lower Upper
 96 100
 61 125.2 0.0 291.6
 98 62.5 0.0 132.0

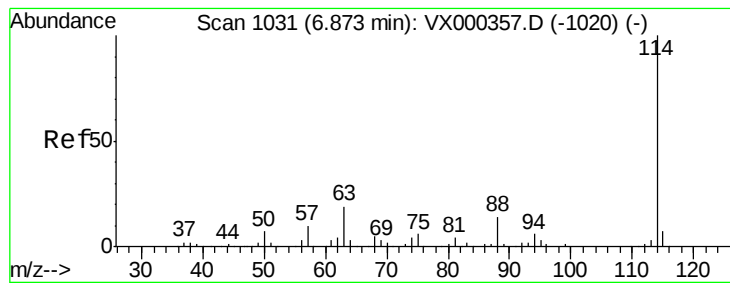


#33

1,2-Dichloroethane-d4
 Concen: 55.54 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000551.D
 Acq: 30 Mar 2018 08:34

Tgt Ion: 65 Resp: 75120
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000551.D

Acq: 30 Mar 2018 08:34

Instrument :

MSVOA_X

ClientSampled :

DUP-1

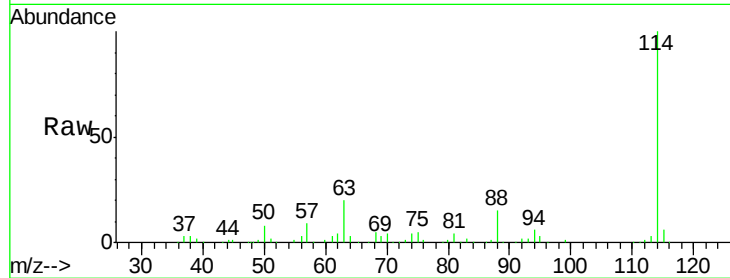
Tot Ion:114 Resp: 185325

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.4

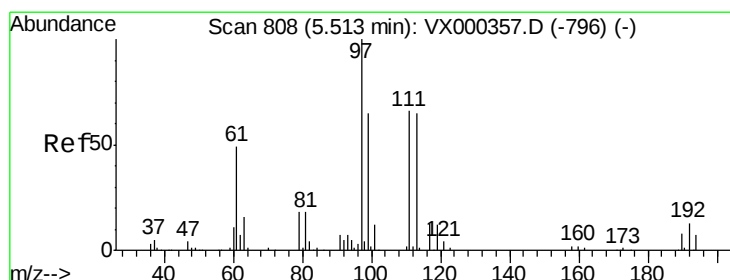
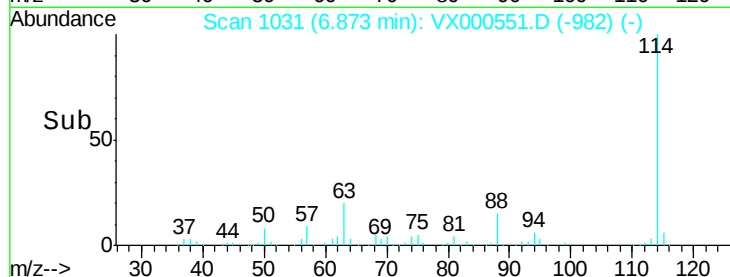
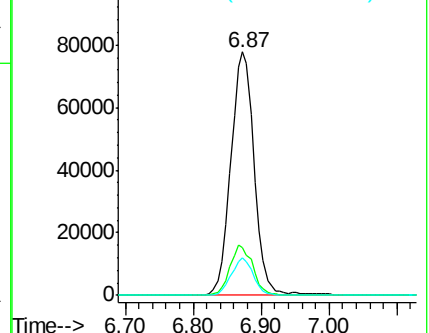
88 15.3 0.0 27.0



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: 50.02 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000551.D

Acq: 30 Mar 2018 08:34

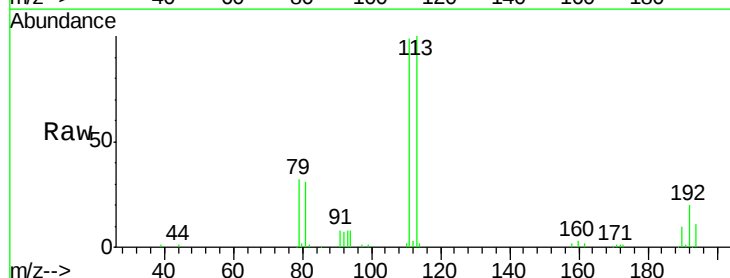
Tgt Ion:113 Resp: 58407

Ion Ratio Lower Upper

113 100

111 100.6 82.4 123.6

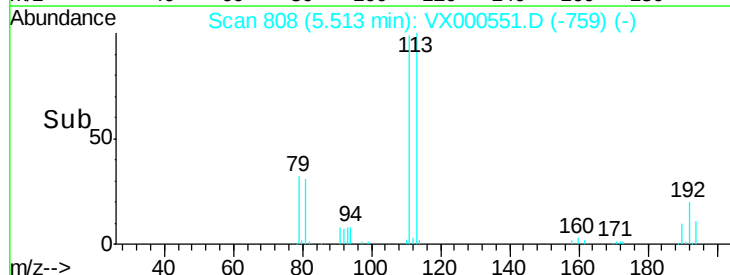
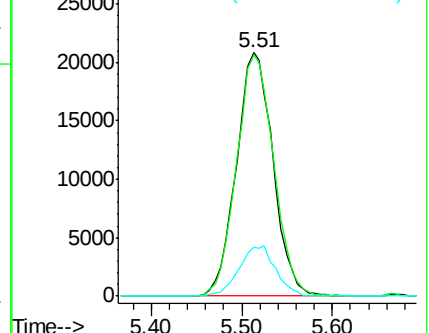
192 20.5 15.8 23.6

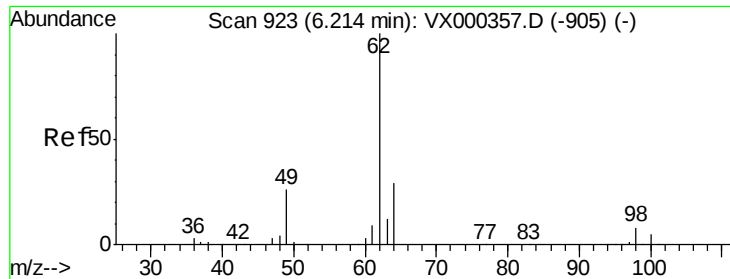


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#42

1,2-Dichloroethane

Concen: 1.91 ug/l

RT: 6.21 min Scan# 923

Delta R.T. -0.00 min

Lab File: VX000551.D

Acq: 30 Mar 2018 08:34

Instrument :

MSVOA_X

ClientSampled :

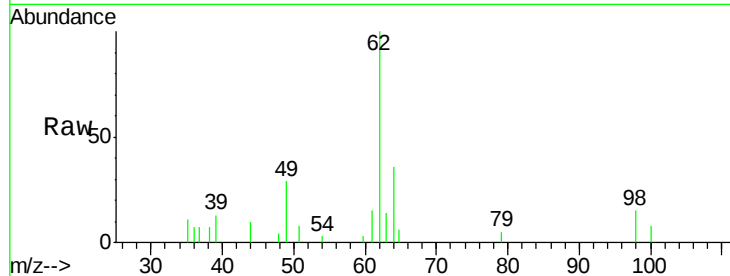
DUP-1

Tot Ion: 62 Resp: 3781

Ion Ratio Lower Upper

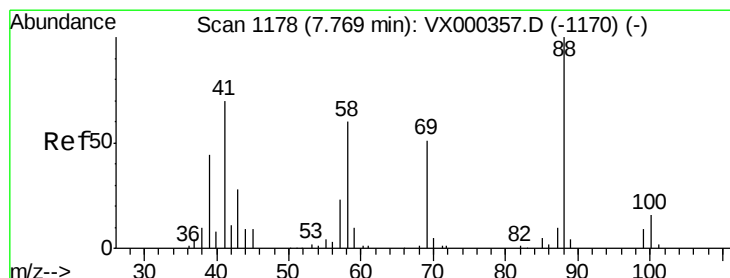
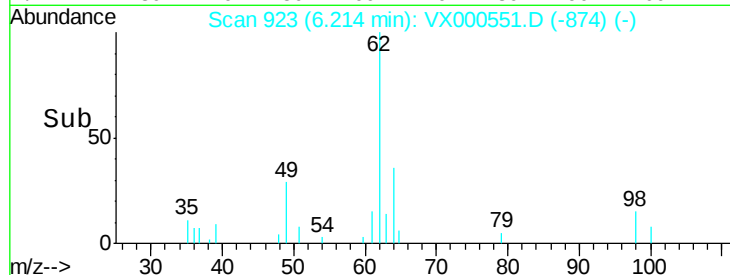
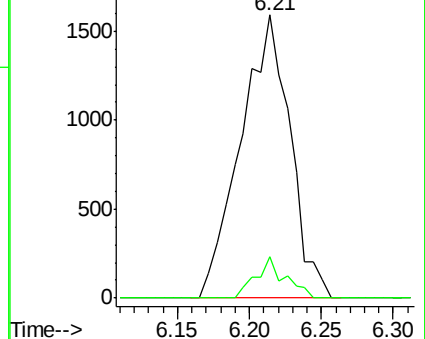
62 100

98 8.4 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#49

1,4-Dioxane

Concen: 328.23 ug/l

RT: 7.77 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VX000551.D

Acq: 30 Mar 2018 08:34

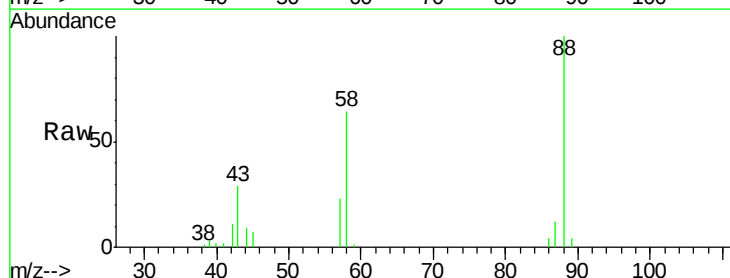
Tgt Ion: 88 Resp: 11823

Ion Ratio Lower Upper

88 100

43 28.7 26.8 40.2

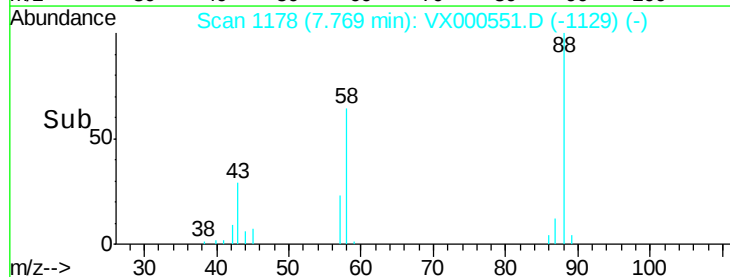
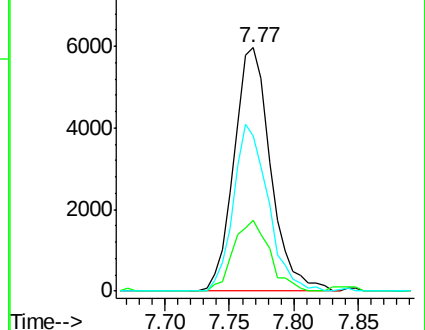
58 64.5 52.2 78.2

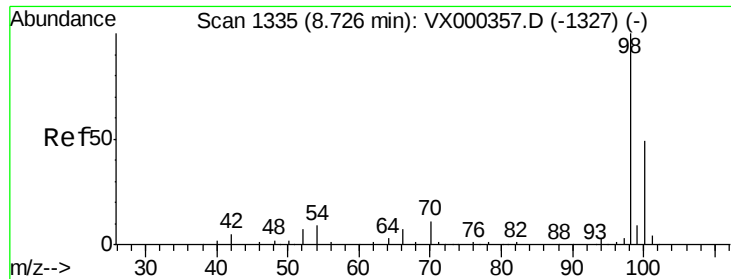


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 49.06 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000551.D

Acq: 30 Mar 2018 08:34

Instrument :

MSVOA_X

ClientSampleId :

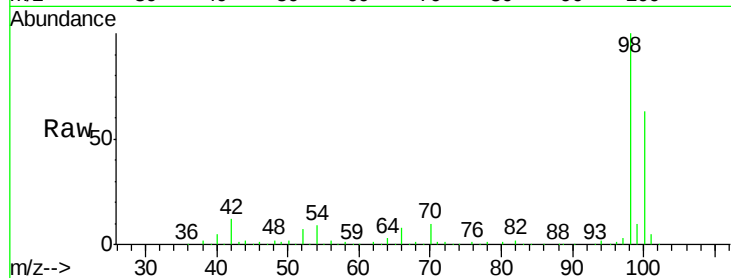
DUP-1

Tot Ion: 98 Resp: 237262

Ion Ratio Lower Upper

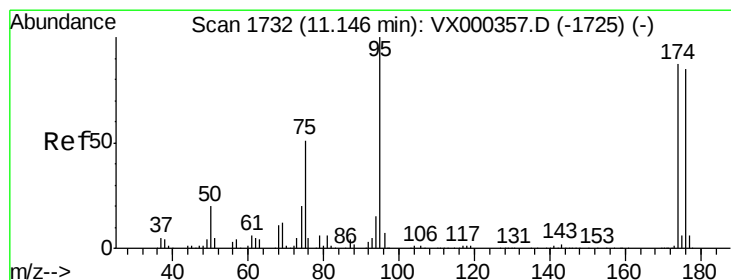
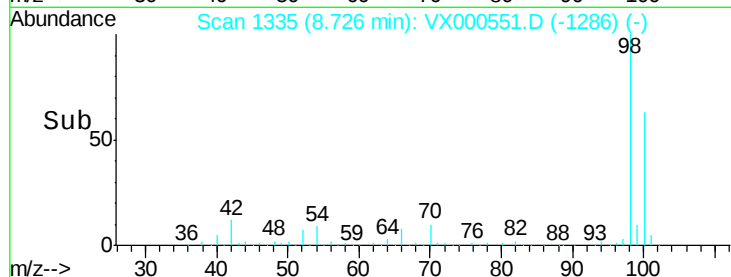
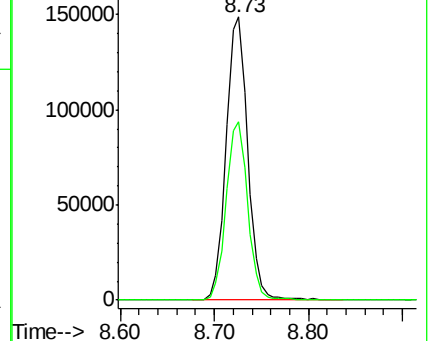
98 100

100 62.8 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 41.71 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000551.D

Acq: 30 Mar 2018 08:34

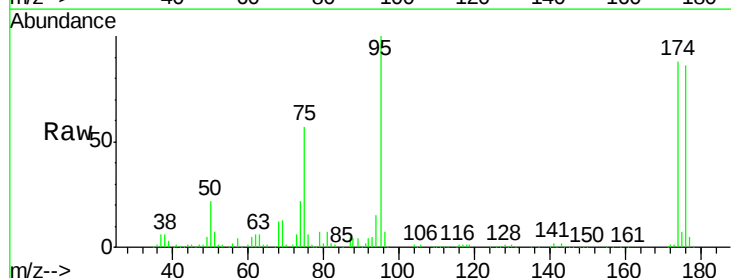
Tgt Ion: 95 Resp: 82864

Ion Ratio Lower Upper

95 100

174 90.4 0.0 173.6

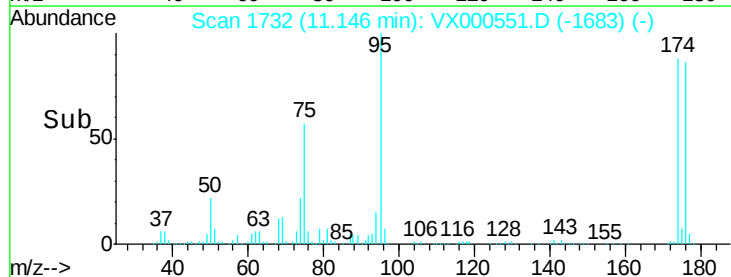
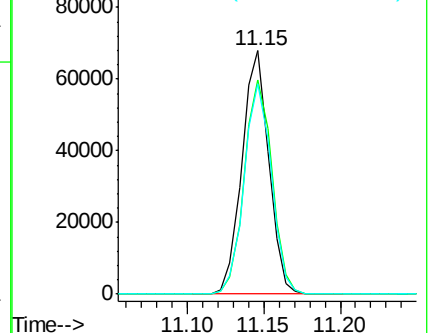
176 87.7 0.0 164.6

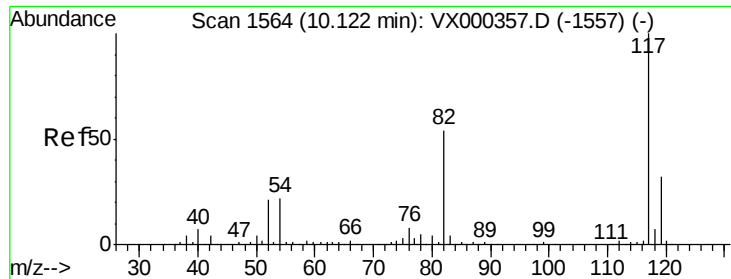


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

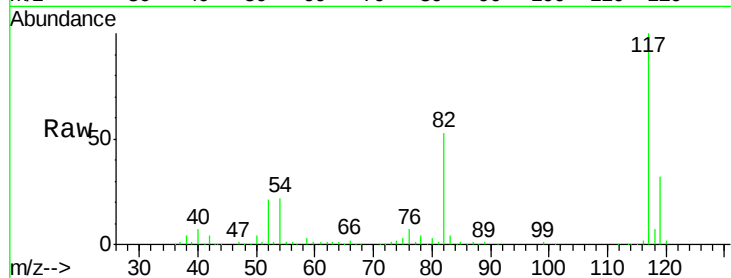




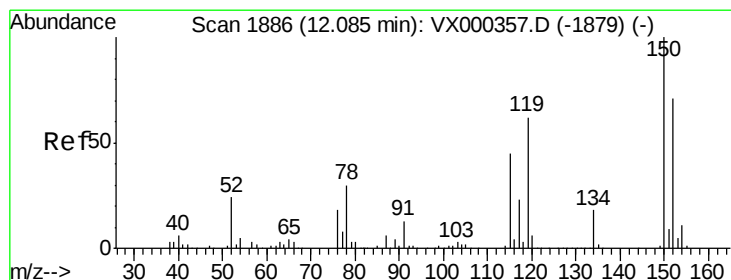
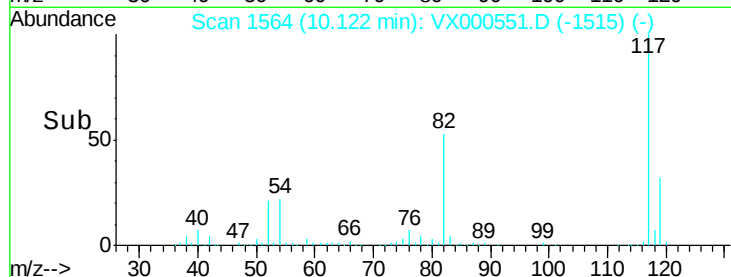
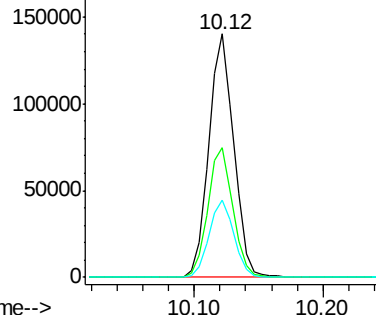
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000551.D
Acq: 30 Mar 2018 08:34

Instrument :
MSVOA_X
ClientSampleId :
DUP-1

Tot Ion:117 Resp: 188267
Ion Ratio Lower Upper
117 100
82 53.4 43.8 65.8
119 31.7 24.9 37.3

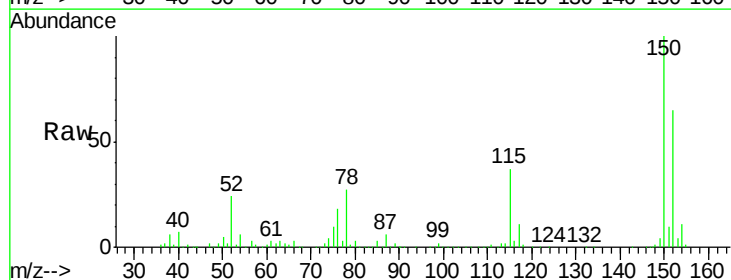


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000551.D
Acq: 30 Mar 2018 08:34

Tgt Ion:152 Resp: 98702
Ion Ratio Lower Upper
152 100
115 56.5 39.8 119.3
150 156.9 0.0 344.4



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

