

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003031.D
 Acq On : 29 Jun 2018 16:18
 Operator : JC/MD
 Sample : J3694-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LIC-PV-TRIPBLANK-1-6-19-18

Quant Time: Jun 30 09:09:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	281289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	378398	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	340218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	193988	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	179091	46.06	ug/l	0.00
Spiked Amount			Recovery	=	92.12%	
35) Dibromofluoromethane	5.51	113	148181	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
50) Toluene-d8	8.72	98	519488	47.47	ug/l	0.00
Spiked Amount			Recovery	=	94.94%	
62) 4-Bromofluorobenzene	11.14	95	184833	43.80	ug/l	0.00
Spiked Amount			Recovery	=	87.60%	

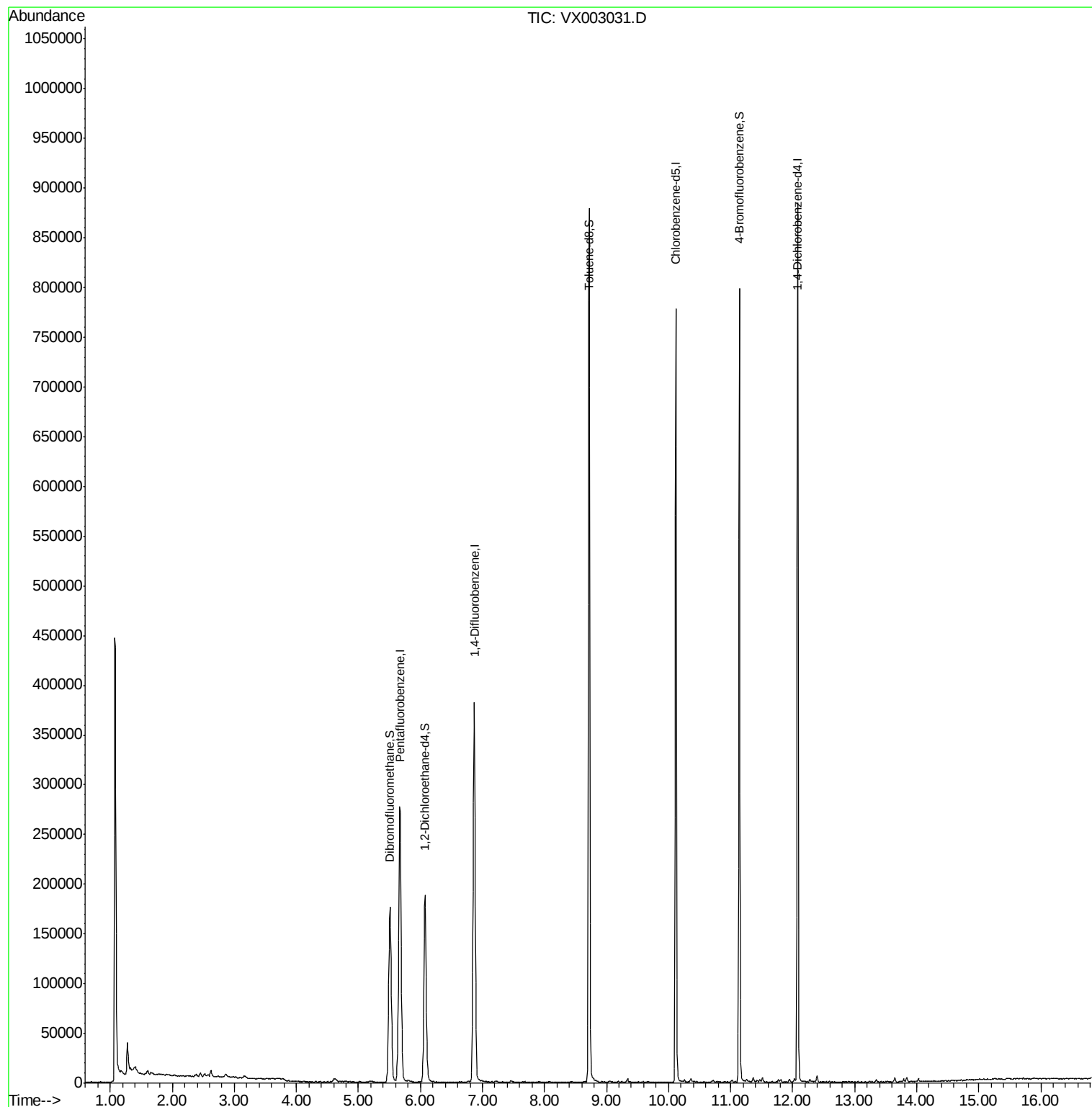
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003031.D

Acq: 29 Jun 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

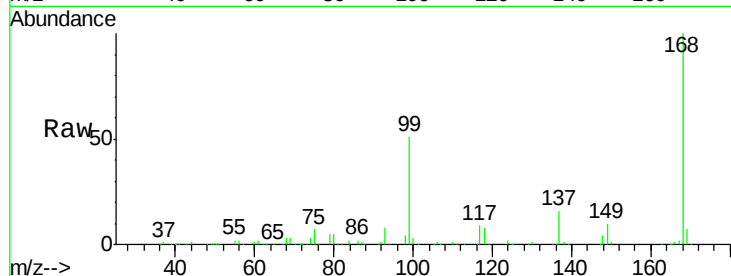
LIC-PV-TRIPBLANK-1-6-19-18

Tot Ion:168 Resp: 281289

Ion Ratio Lower Upper

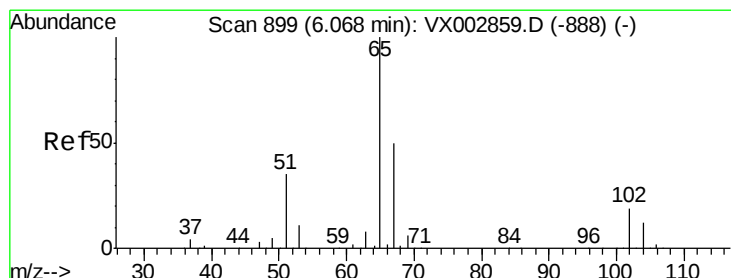
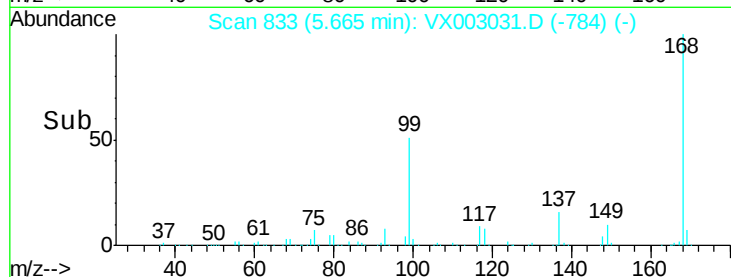
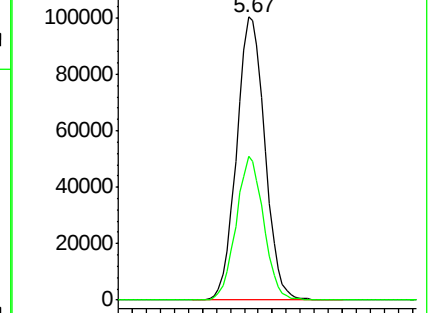
168 100

99 50.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.06 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003031.D

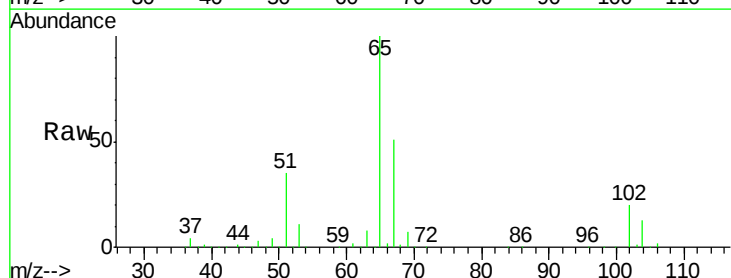
Acq: 29 Jun 2018 16:18

Tgt Ion: 65 Resp: 179091

Ion Ratio Lower Upper

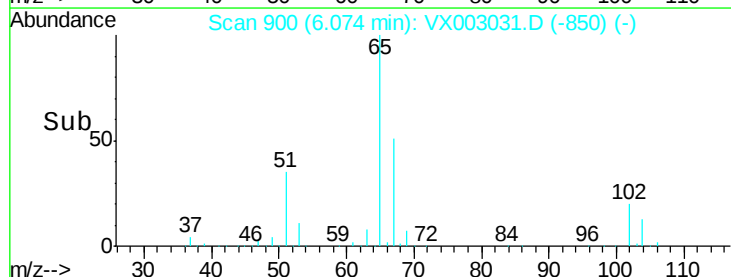
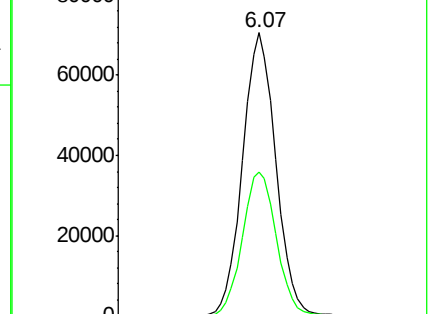
65 100

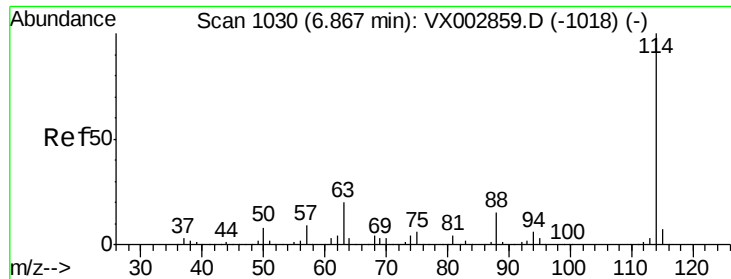
67 52.1 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

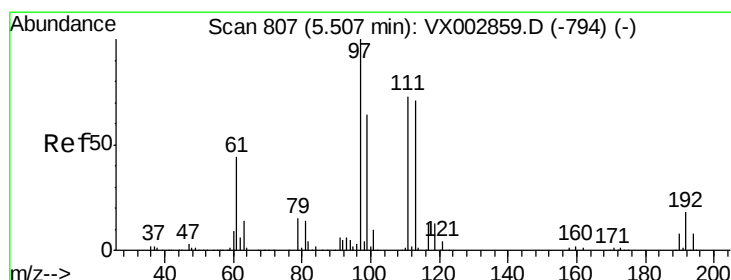
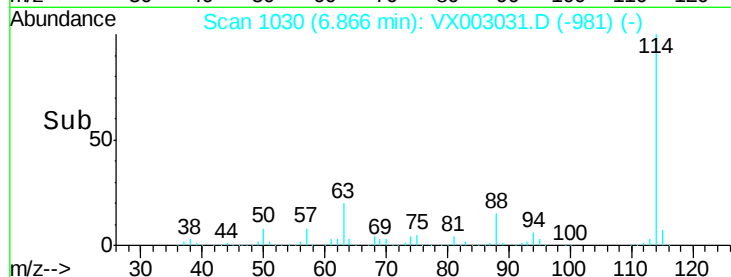
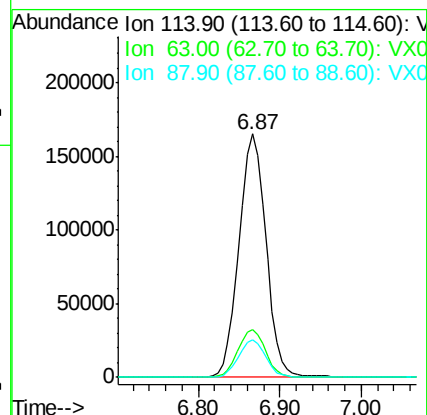
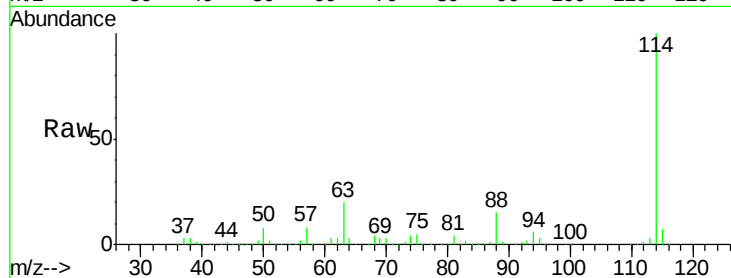




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003031.D
 Acq: 29 Jun 2018 16:18

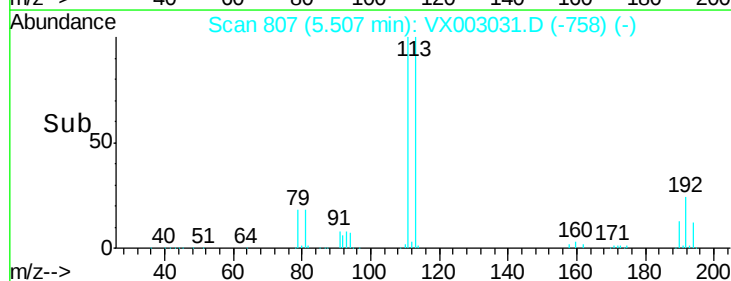
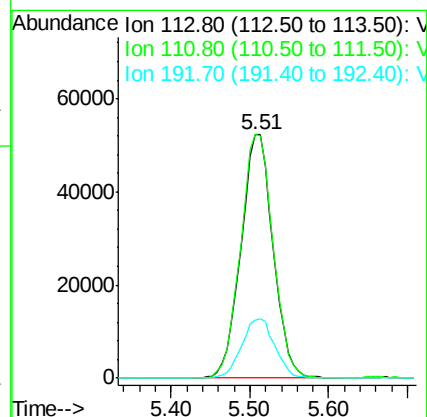
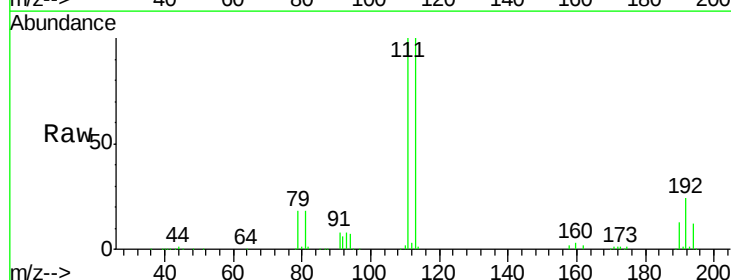
Instrument :
 MSVOA_X
 ClientSampleId :
 LIC-PV-TRIPBLANK-1-6-19-18

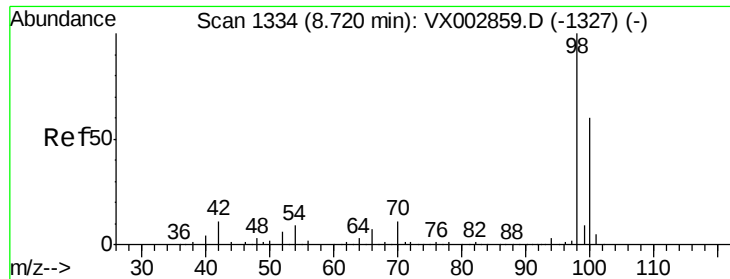
Tot Ion:114 Resp: 378398
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.4
 88 15.5 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 49.45 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003031.D
 Acq: 29 Jun 2018 16:18

Tgt Ion:113 Resp: 148181
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.4 122.0
 192 25.0 19.1 28.7





#50

Toluene-d8

Concen: 47.47 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003031.D

Acq: 29 Jun 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

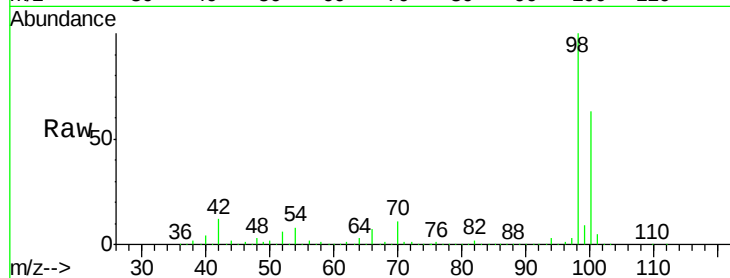
LIC-PV-TRIPBLANK-1-6-19-18

Tot Ion: 98 Resp: 519488

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

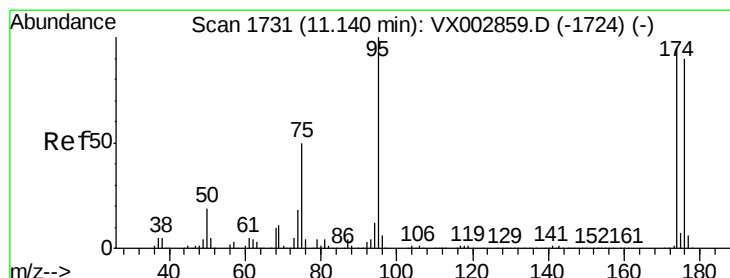
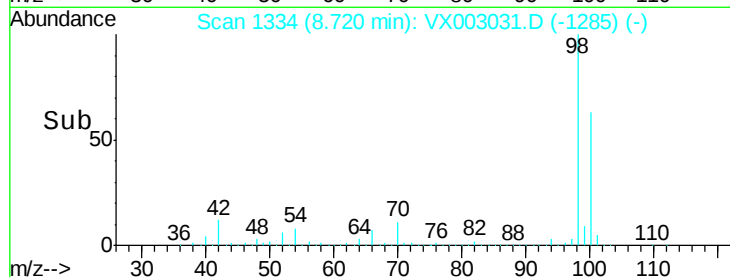
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.80 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003031.D

Acq: 29 Jun 2018 16:18

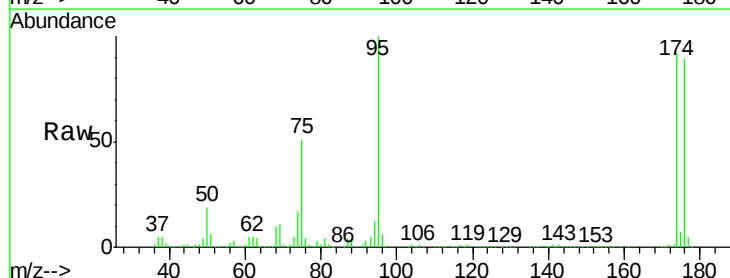
Tgt Ion: 95 Resp: 184833

Ion Ratio Lower Upper

95 100

174 96.1 0.0 187.4

176 93.5 0.0 181.0



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

11.14

200000

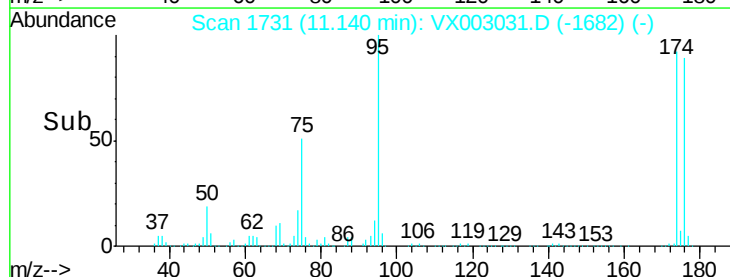
150000

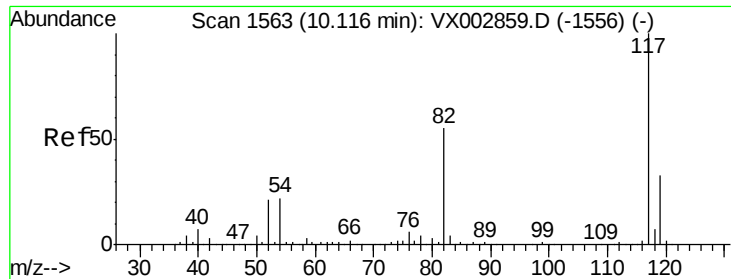
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003031.D

Acq: 29 Jun 2018 16:18

Instrument :

MSVOA_X

ClientSampleId :

LIC-PV-TRIPBLANK-1-6-19-18

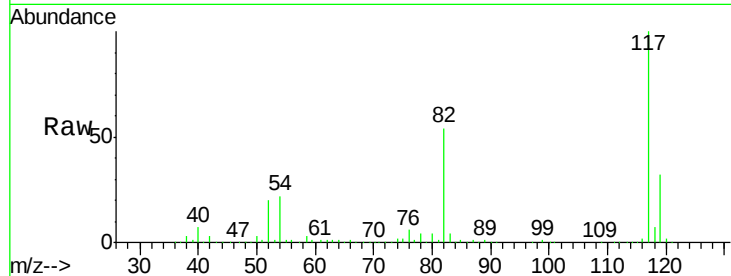
Tot Ion:117 Resp: 340218

Ion Ratio Lower Upper

117 100

82 54.5 45.0 67.4

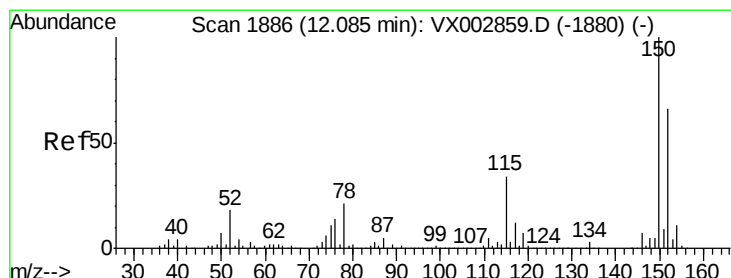
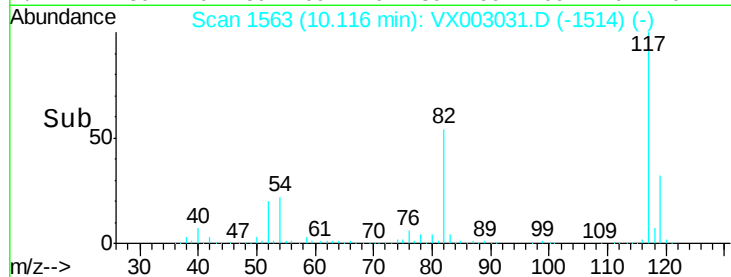
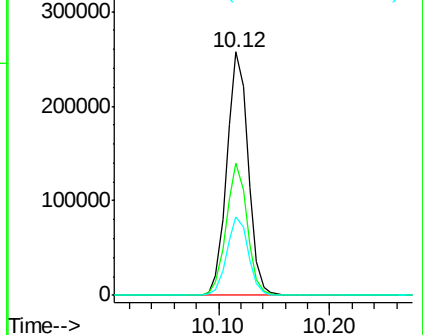
119 32.2 25.8 38.6



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX003031.D

Acq: 29 Jun 2018 16:18

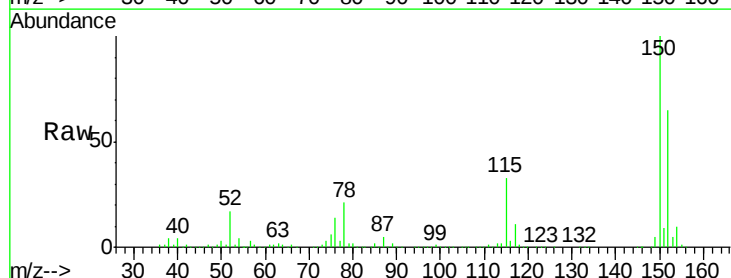
Tgt Ion:152 Resp: 193988

Ion Ratio Lower Upper

152 100

115 54.5 40.1 120.2

150 155.5 0.0 347.2



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

