

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
 Data File : VX003594.D
 Acq On : 23 Jul 2018 10:44
 Operator : JC/SP
 Sample : J4026-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LC-SD-EB01-180716

Quant Time: Jul 24 10:11:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	282516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	405602	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	371966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203588	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	159982	47.84	ug/l	0.00
Spiked Amount			Recovery	=	95.68%	
35) Dibromofluoromethane	5.51	113	146304	47.36	ug/l	0.00
Spiked Amount			Recovery	=	94.72%	
50) Toluene-d8	8.72	98	562588	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
62) 4-Bromofluorobenzene	11.14	95	189914	44.82	ug/l	0.00
Spiked Amount			Recovery	=	89.64%	

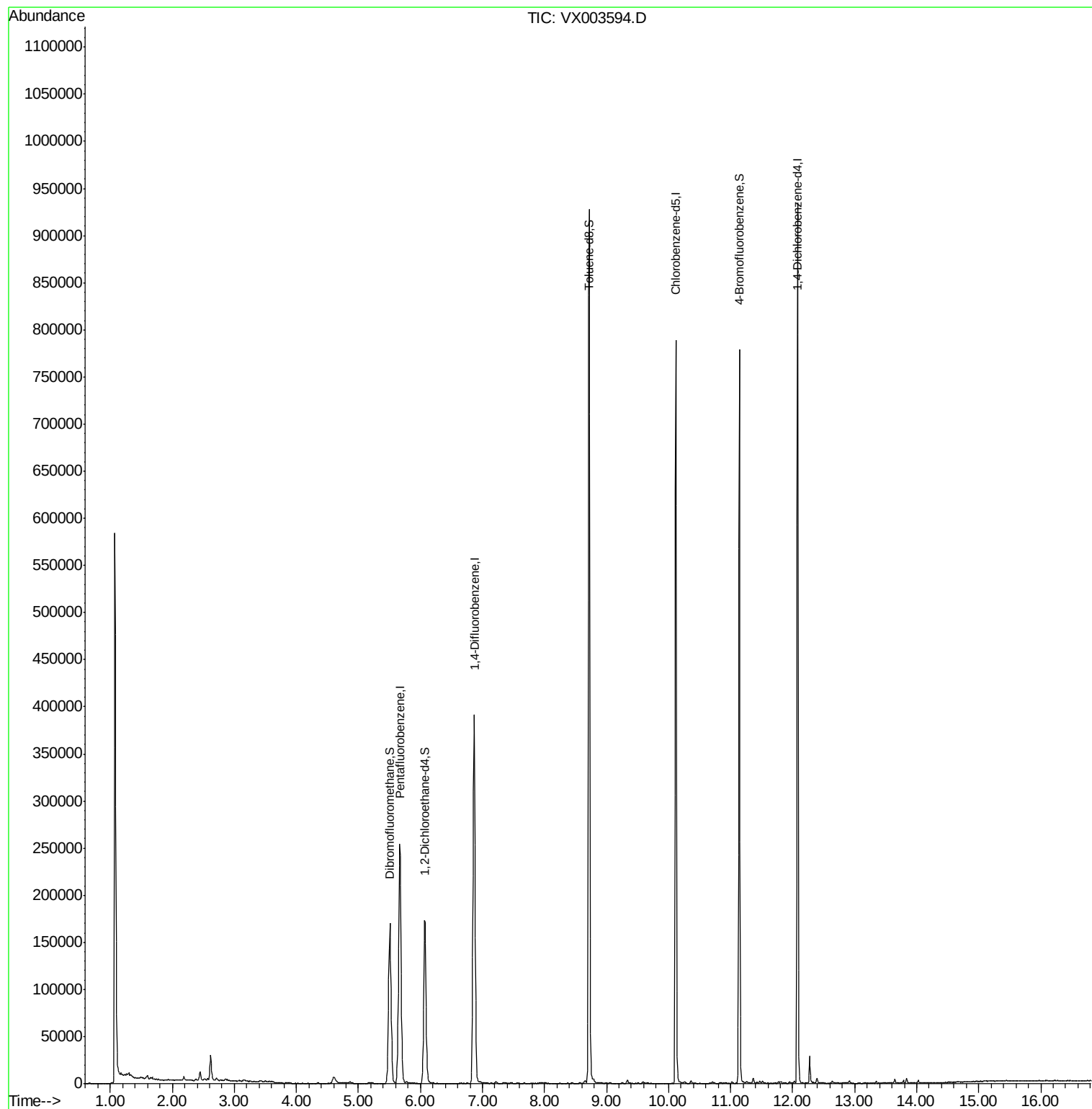
Target Compounds	Qvalue
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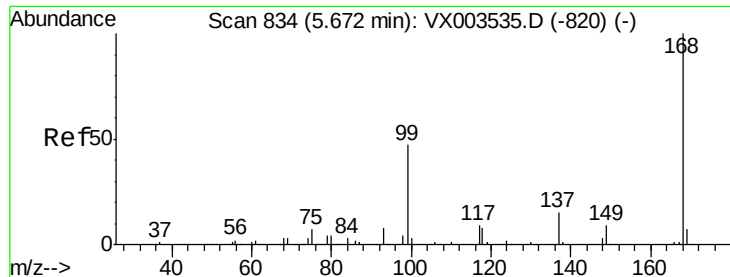
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003594.D

Acq: 23 Jul 2018 10:44

Instrument :

MSVOA_X

ClientSampleId :

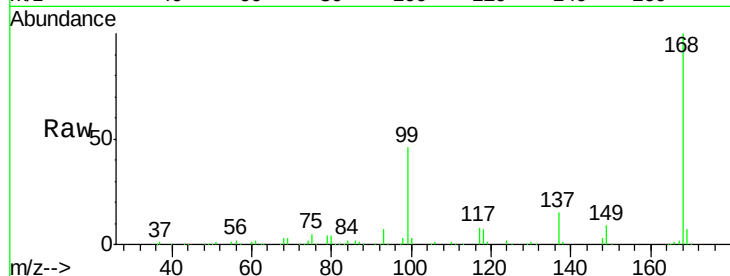
LC-SD-EB01-180716

Tot Ion:168 Resp: 282516

Ion Ratio Lower Upper

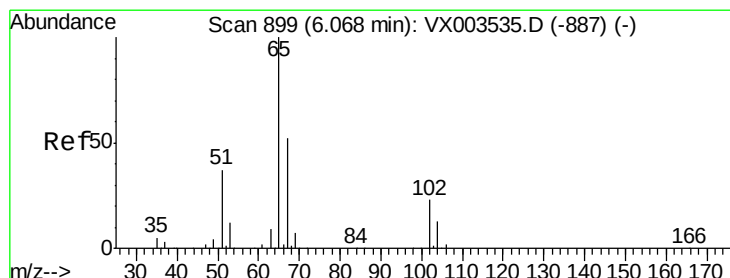
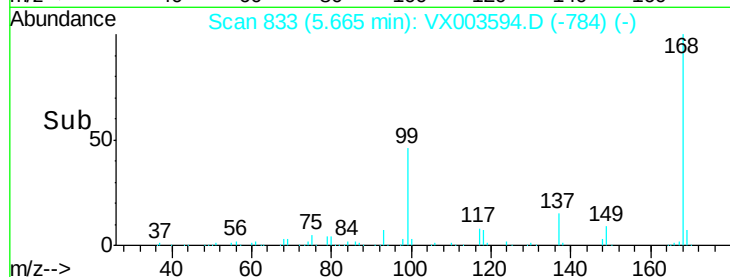
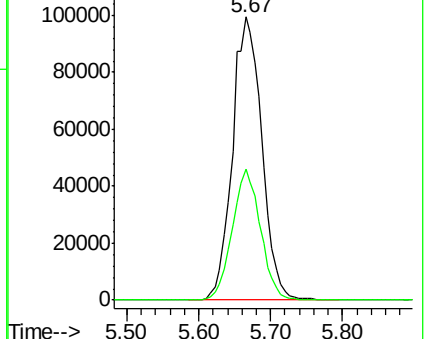
168 100

99 46.2 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: 47.84 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003594.D

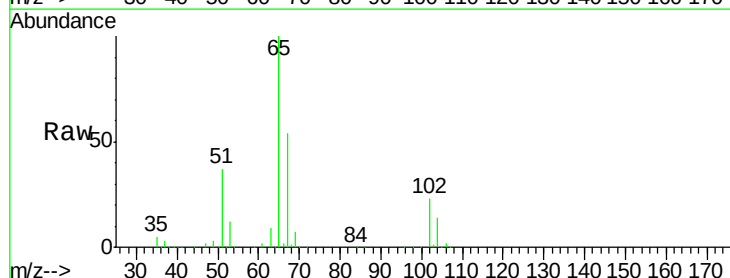
Acq: 23 Jul 2018 10:44

Tgt Ion: 65 Resp: 159982

Ion Ratio Lower Upper

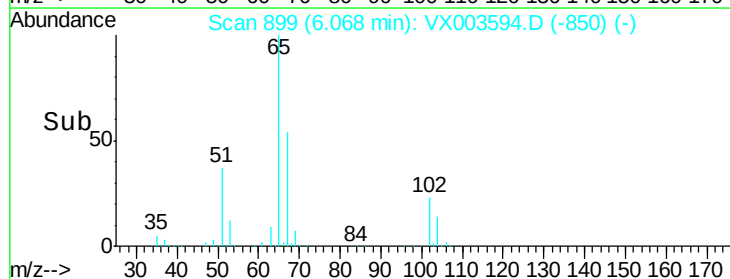
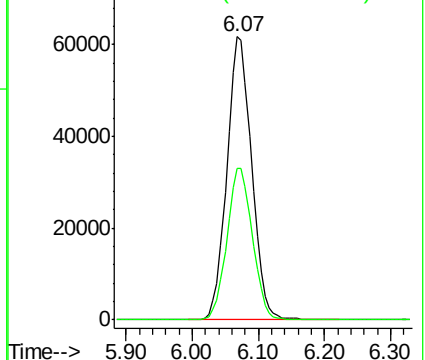
65 100

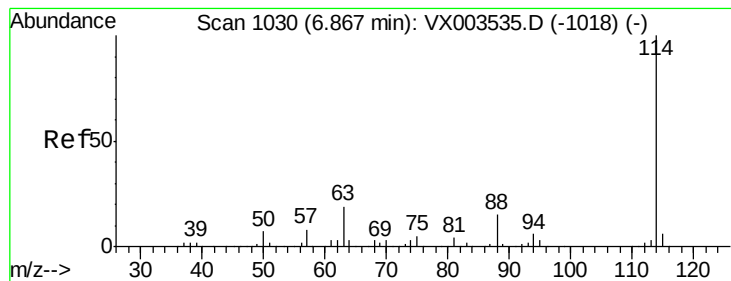
67 55.1 0.0 102.6



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: VX003594.D

Acq: 23 Jul 2018 10:44

Instrument :

MSVOA_X

ClientSampleId :

LC-SD-EB01-180716

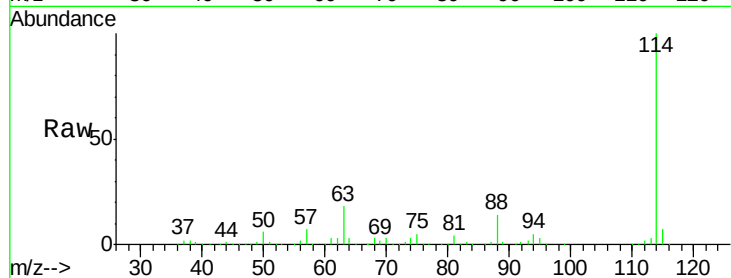
Tot Ion:114 Resp: 405602

Ion Ratio Lower Upper

114 100

63 17.5 0.0 41.4

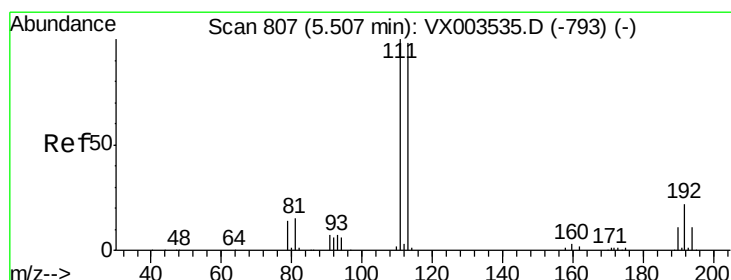
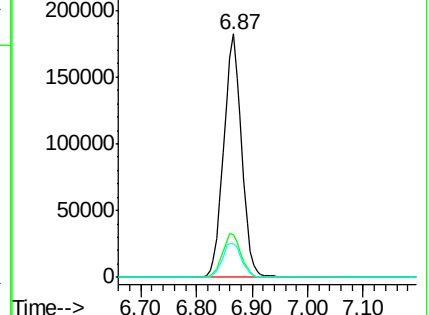
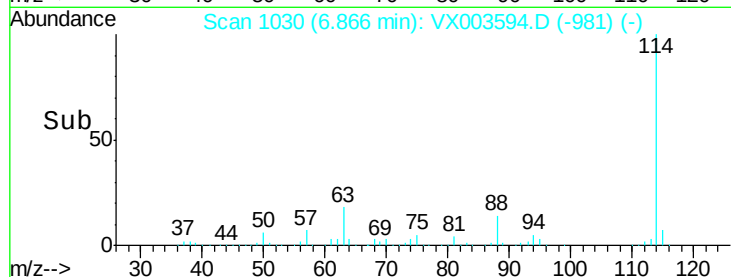
88 14.0 0.0 30.0



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: 47.36 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003594.D

Acq: 23 Jul 2018 10:44

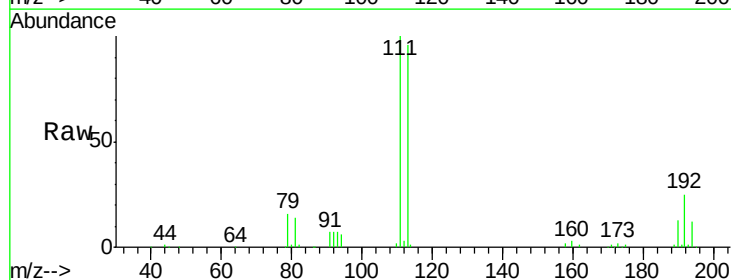
Tgt Ion:113 Resp: 146304

Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

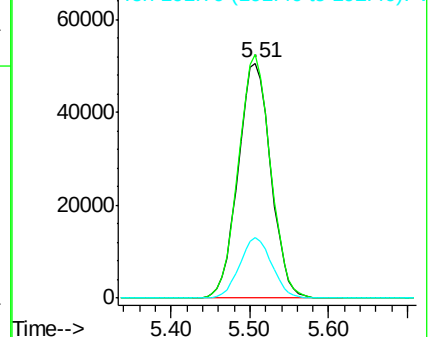
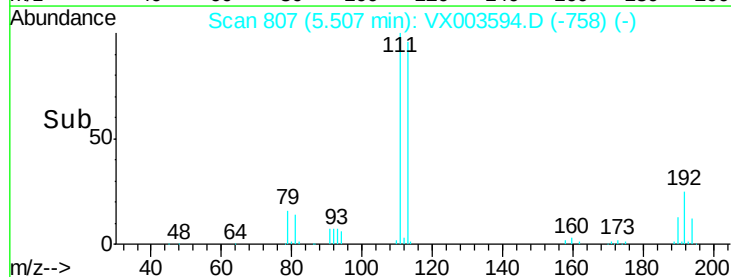
192 25.3 19.1 28.7

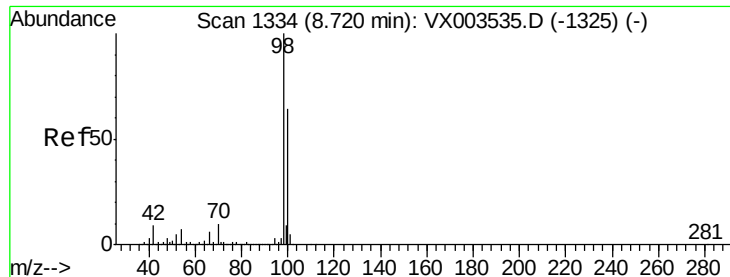


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.45 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003594.D

Acq: 23 Jul 2018 10:44

Instrument :

MSVOA_X

ClientSampleId :

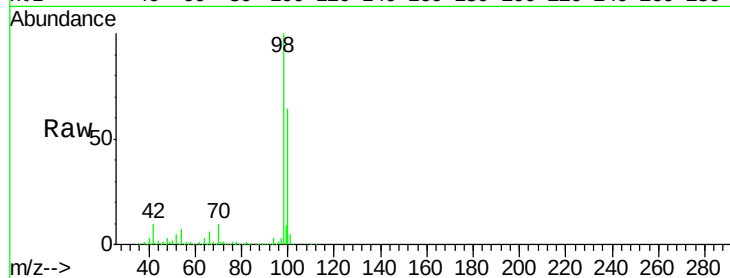
LC-SD-EB01-180716

Tot Ion: 98 Resp: 562588

Ion Ratio Lower Upper

98 100

100 64.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

400000

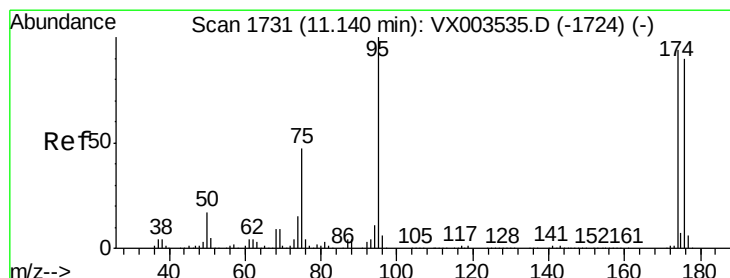
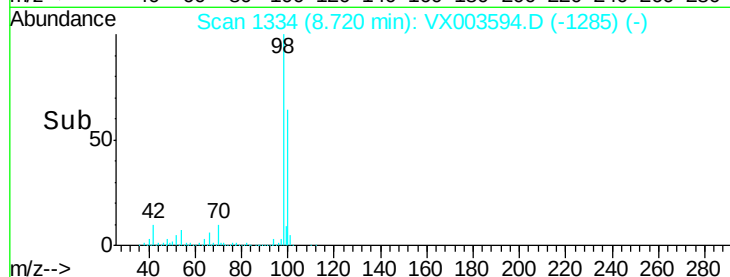
300000

200000

100000

0

Time--> 8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 44.82 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003594.D

Acq: 23 Jul 2018 10:44

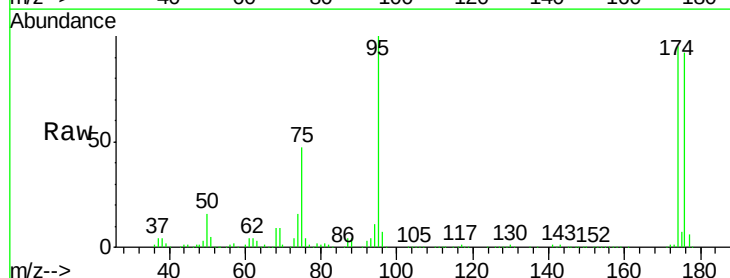
Tgt Ion: 95 Resp: 189914

Ion Ratio Lower Upper

95 100

174 97.7 0.0 187.4

176 93.6 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

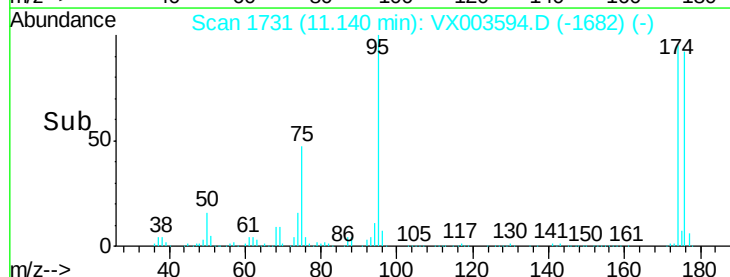
150000

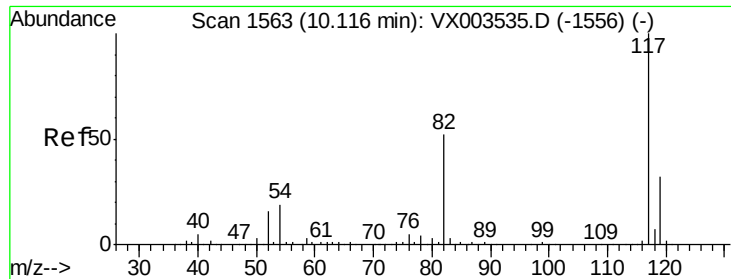
100000

50000

0

Time--> 11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003594.D

Acq: 23 Jul 2018 10:44

Instrument :

MSVOA_X

ClientSampleId :

LC-SD-EB01-180716

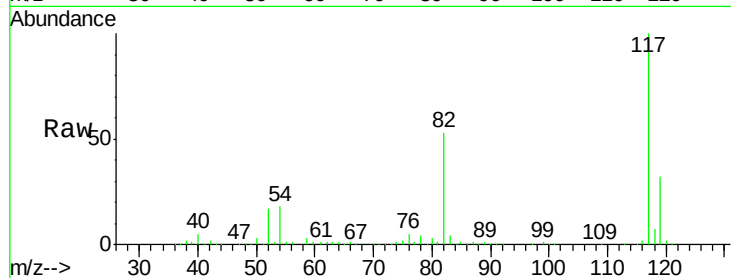
Tot Ion:117 Resp: 371966

Ion Ratio Lower Upper

117 100

82 52.8 45.0 67.4

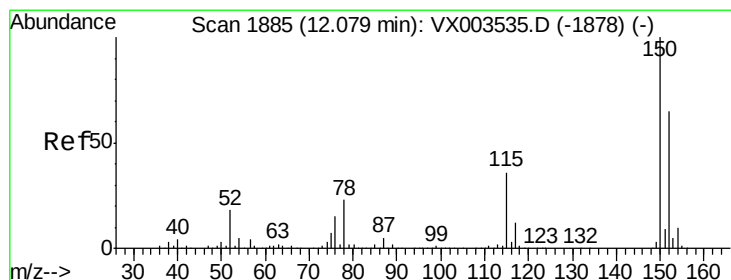
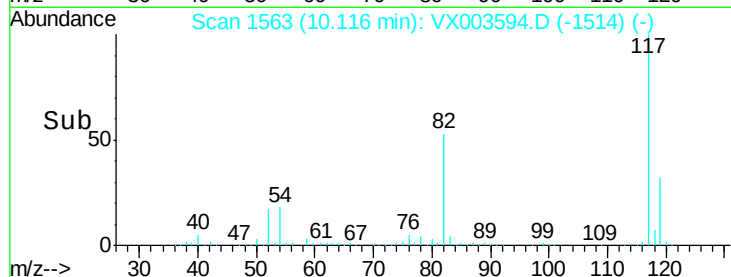
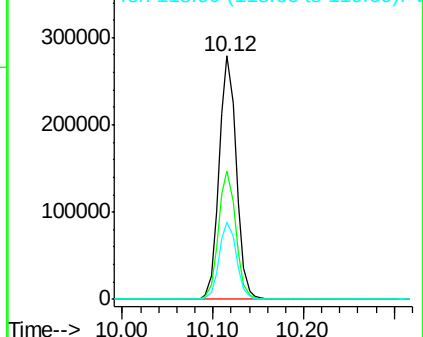
119 32.0 25.8 38.6



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: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003594.D

Acq: 23 Jul 2018 10:44

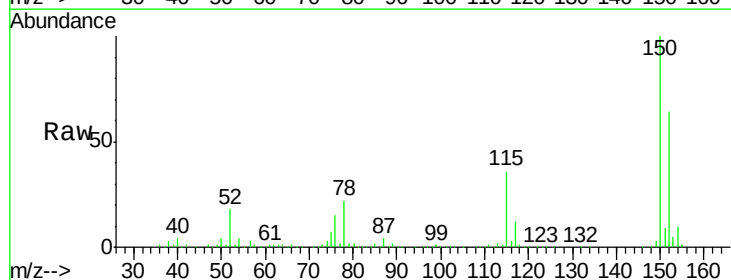
Tgt Ion:152 Resp: 203588

Ion Ratio Lower Upper

152 100

115 54.1 40.1 120.2

150 156.4 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

