

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081018\
 Data File : VX003983.D
 Acq On : 10 Aug 2018 18:03
 Operator : JC/MD
 Sample : J4387-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-TB-2018-5

Quant Time: Aug 13 10:57:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	310854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	473546	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	434418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	240220	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	215461	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
35) Dibromofluoromethane	5.51	113	178983	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
50) Toluene-d8	8.72	98	658687	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
62) 4-Bromofluorobenzene	11.14	95	228092	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	

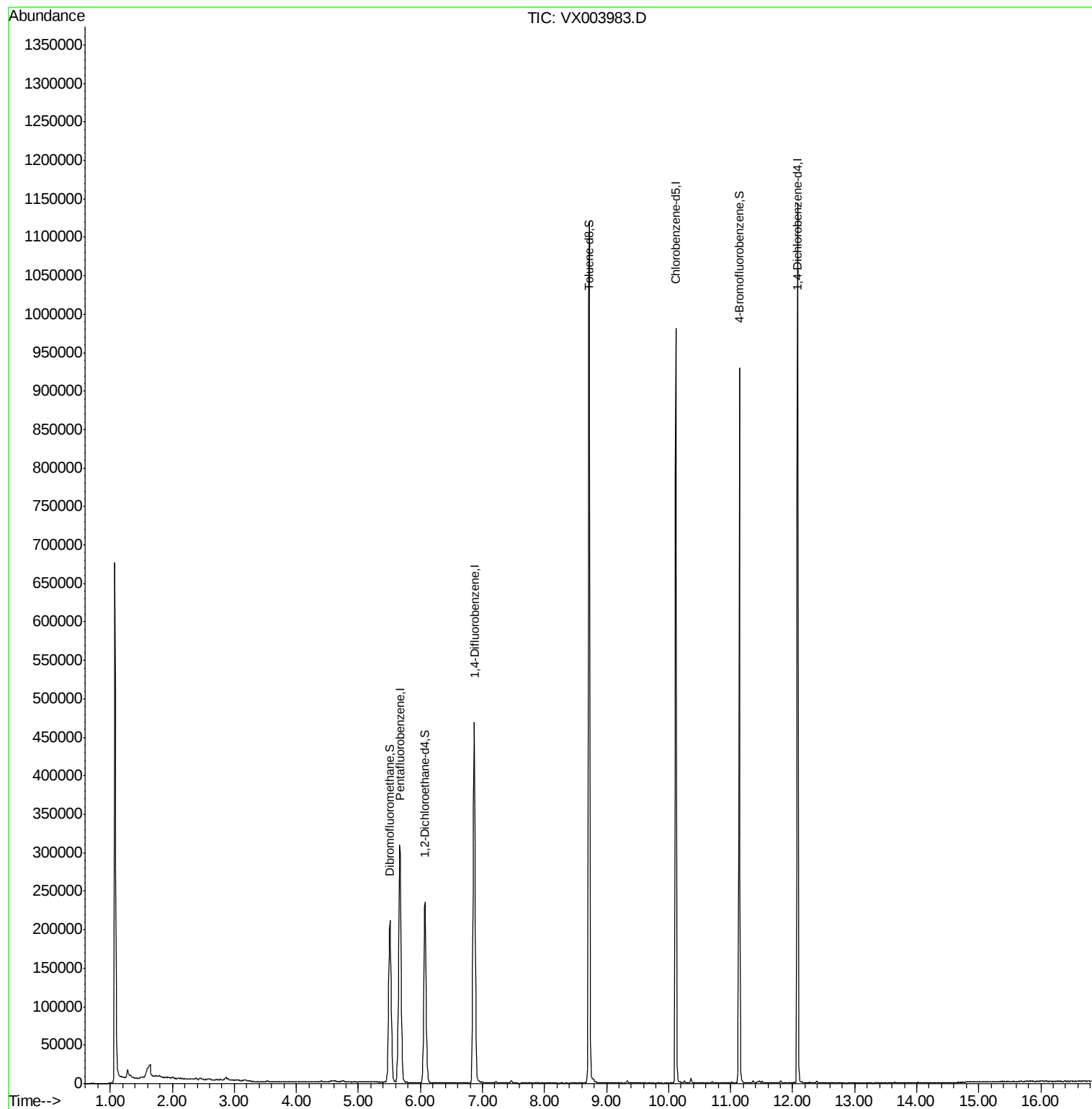
Target Compounds	Qvalue

(#) = 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: VX003983.D

Acq: 10 Aug 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

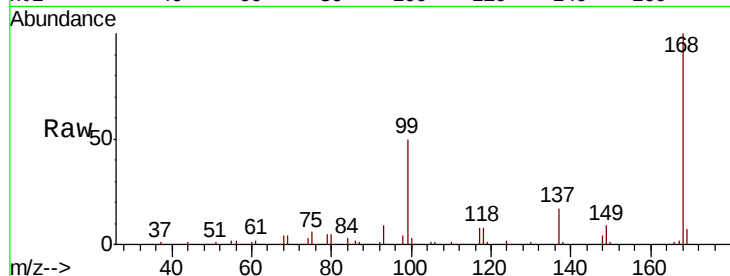
FL-TB-2018-5

Tot Ion:168 Resp: 310854

Ion Ratio Lower Upper

168 100

99 50.1 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

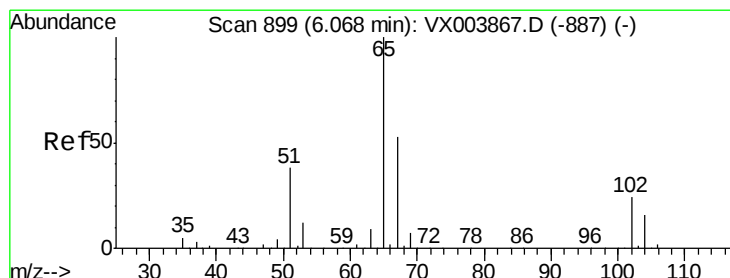
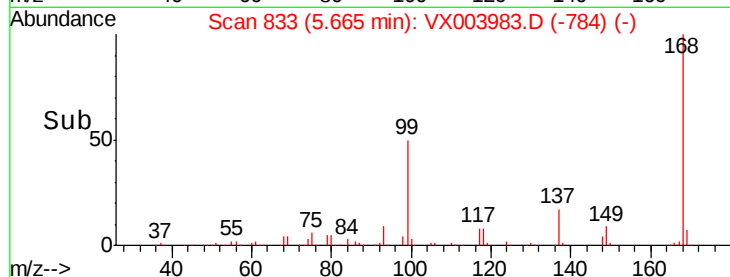
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.29 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003983.D

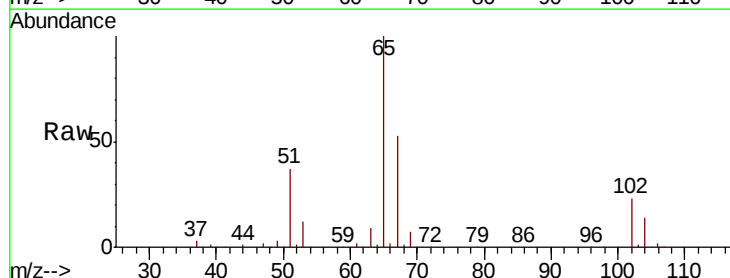
Acq: 10 Aug 2018 18:03

Tgt Ion: 65 Resp: 215461

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

100000

80000

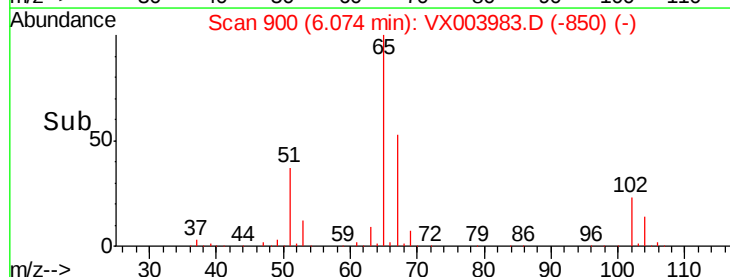
60000

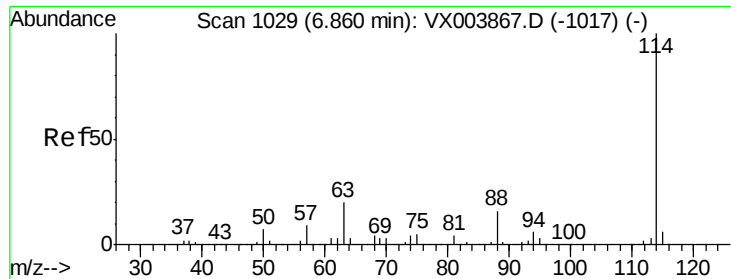
40000

20000

0

Time--> 6.00 6.10 6.20

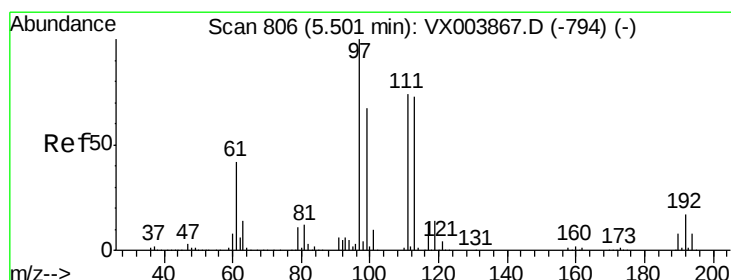
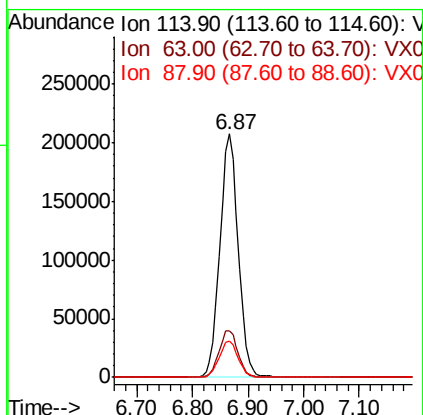
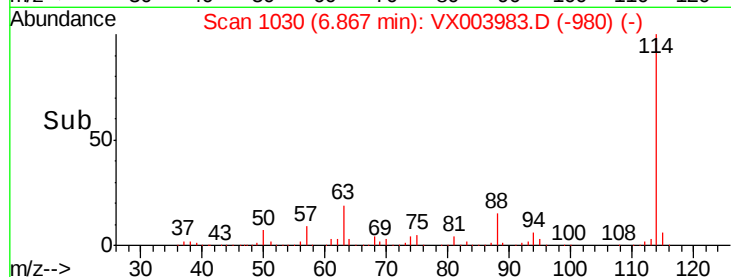
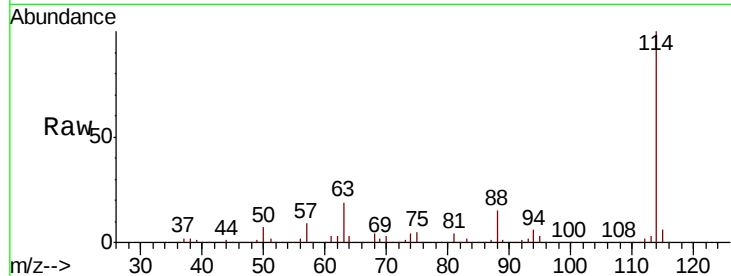




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX003983.D
 Acq: 10 Aug 2018 18:03

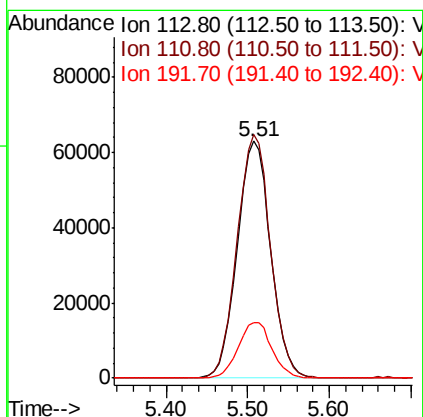
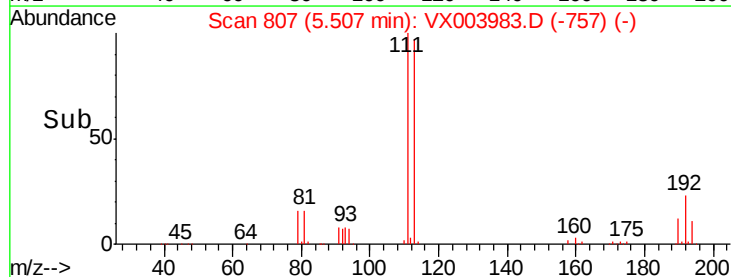
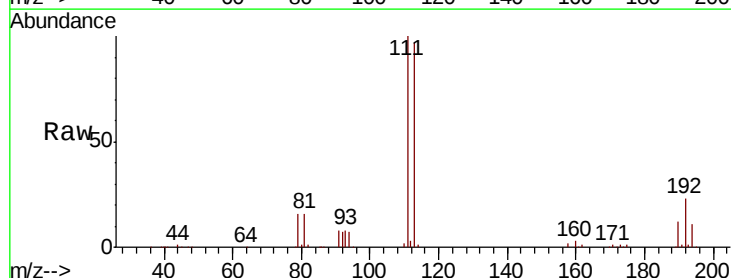
Instrument :
 MSVOA_X
 ClientSampled :
 FL-TB-2018-5

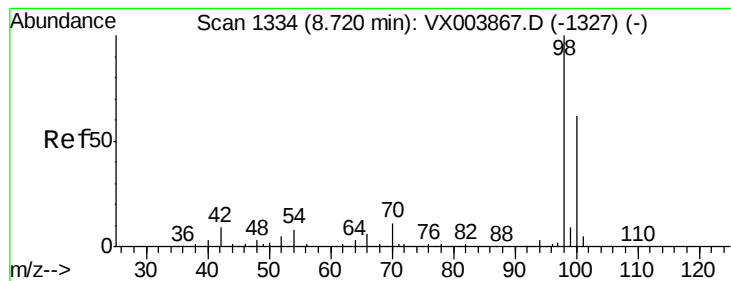
Tot Ion:114 Resp: 473546
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.0
 88 15.1 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 49.89 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX003983.D
 Acq: 10 Aug 2018 18:03

Tgt Ion:113 Resp: 178983
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.0 123.0
 192 23.7 19.0 28.4





#50

Toluene-d8

Concen: 47.21 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003983.D

Acq: 10 Aug 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

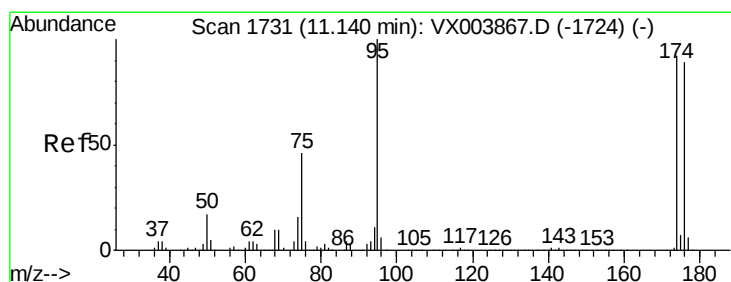
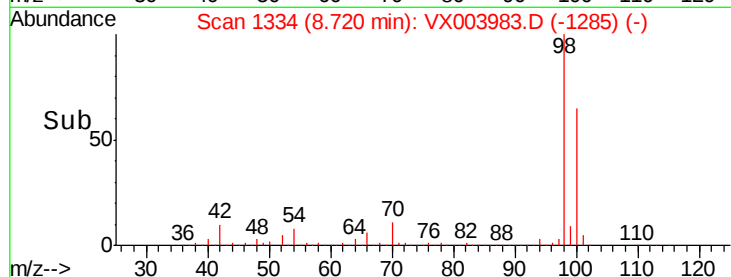
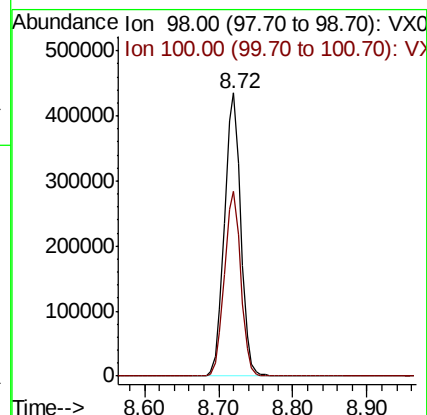
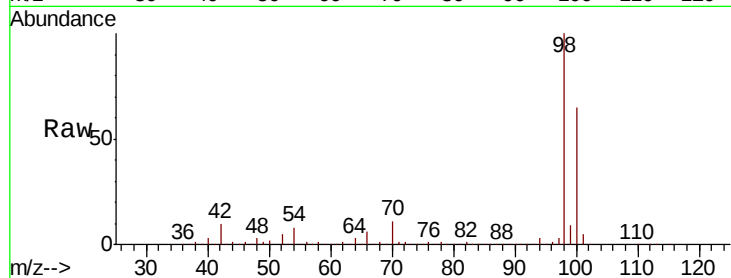
FL-TB-2018-5

Tot Ion: 98 Resp: 658687

Ion Ratio Lower Upper

98 100

100 65.6 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 50.53 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003983.D

Acq: 10 Aug 2018 18:03

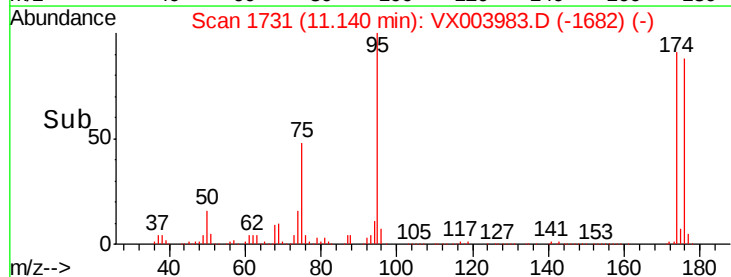
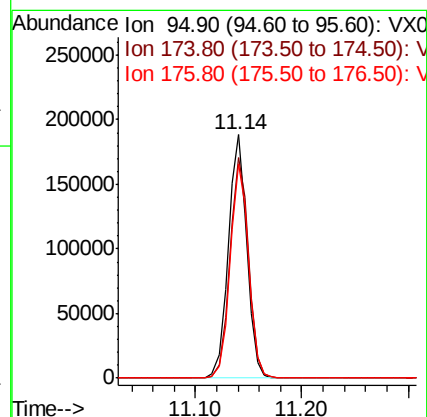
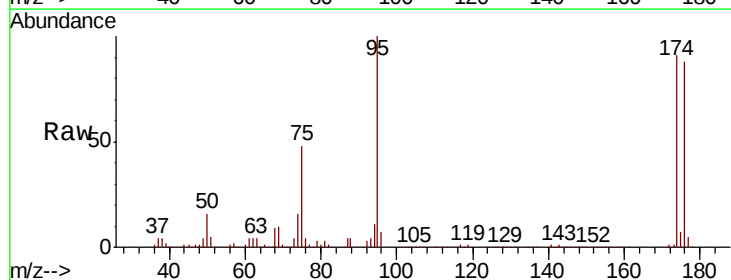
Tgt Ion: 95 Resp: 228092

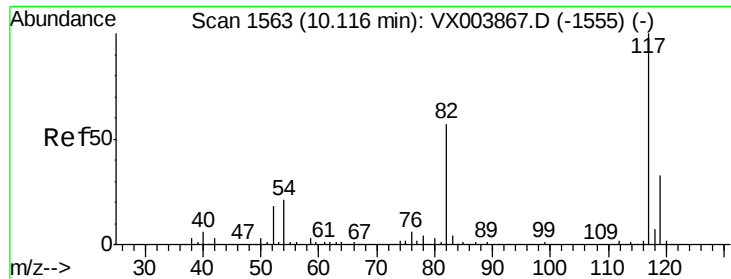
Ion Ratio Lower Upper

95 100

174 92.3 0.0 182.8

176 88.2 0.0 179.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003983.D

Acq: 10 Aug 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

FL-TB-2018-5

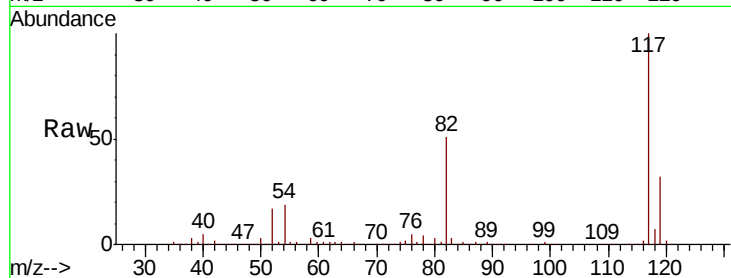
Tot Ion:117 Resp: 434418

Ion Ratio Lower Upper

117 100

82 50.7 45.4 68.0

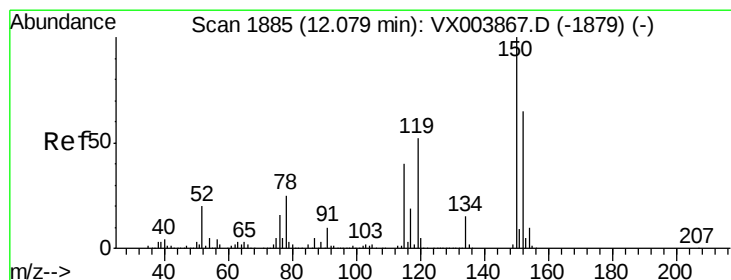
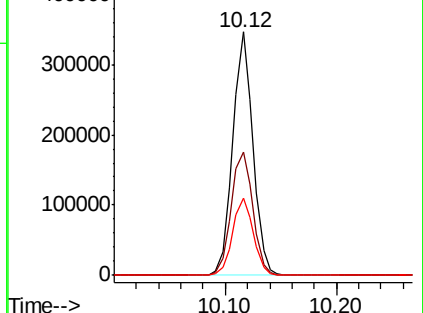
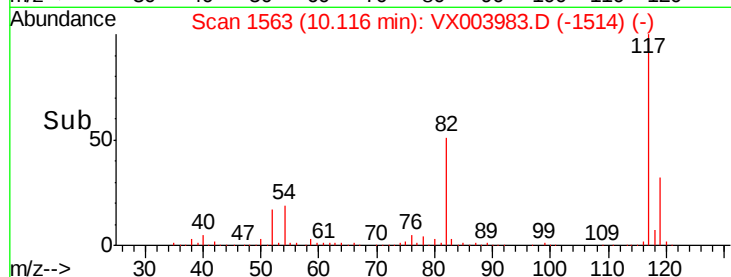
119 31.8 26.6 40.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003983.D

Acq: 10 Aug 2018 18:03

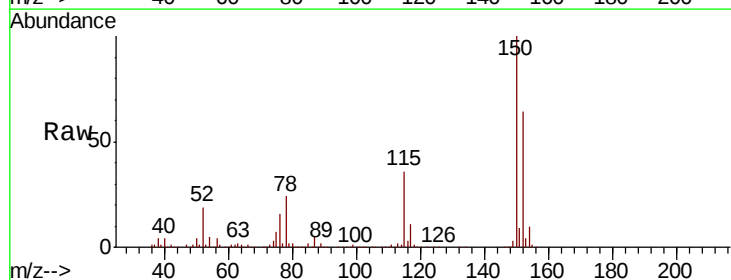
Tgt Ion:152 Resp: 240220

Ion Ratio Lower Upper

152 100

115 54.9 39.1 117.3

150 155.7 0.0 349.2



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

