

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081018\
 Data File : VX003972.D
 Acq On : 10 Aug 2018 13:10
 Operator : JC/MD
 Sample : J4379-18
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-08092018

Quant Time: Aug 13 10:45:57 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	314093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	491090	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	455245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	244104	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	215980	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
35) Dibromofluoromethane	5.50	113	183889	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
50) Toluene-d8	8.72	98	687349	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
62) 4-Bromofluorobenzene	11.14	95	235437	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

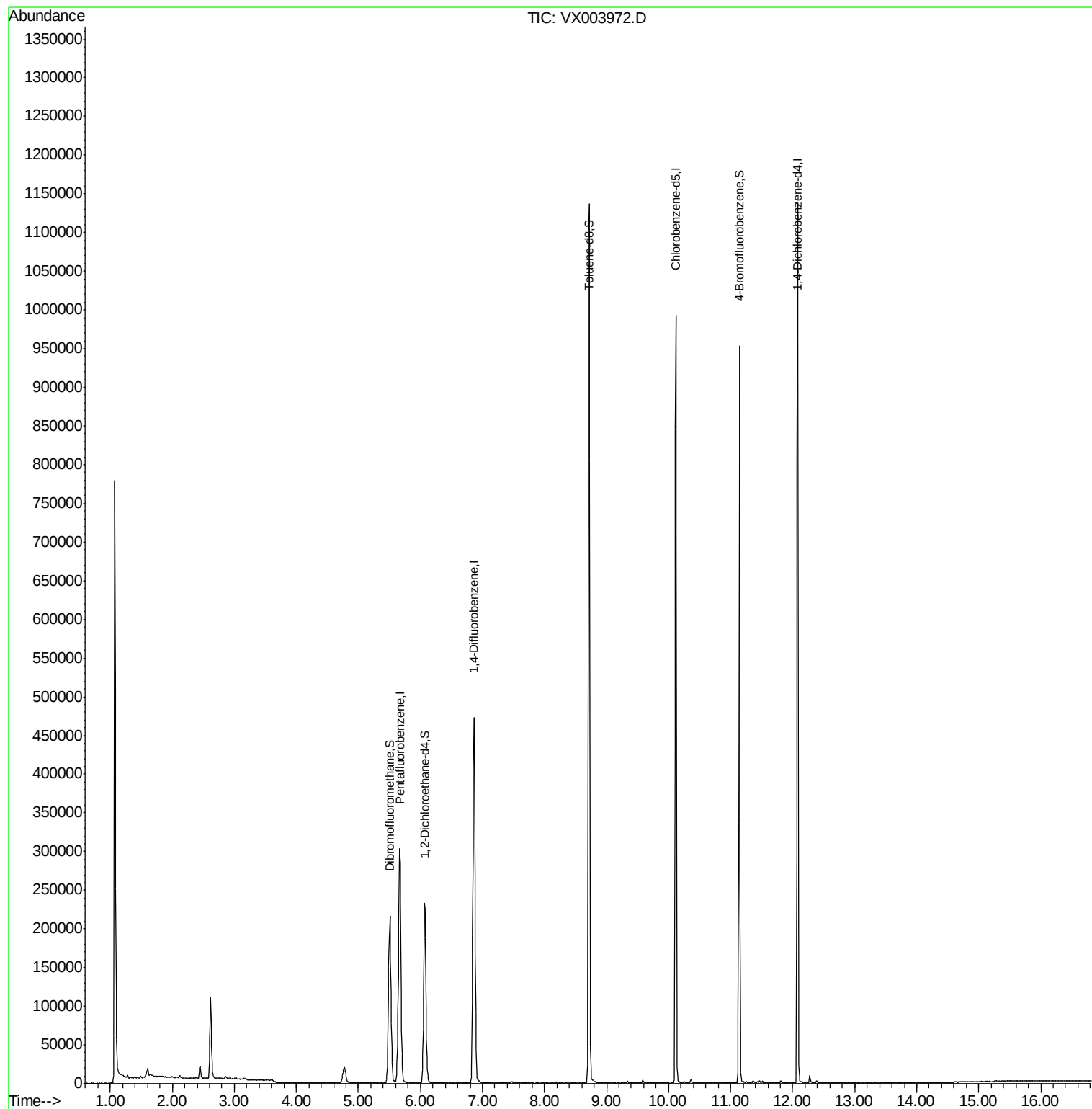
Target Compounds	Qvalue

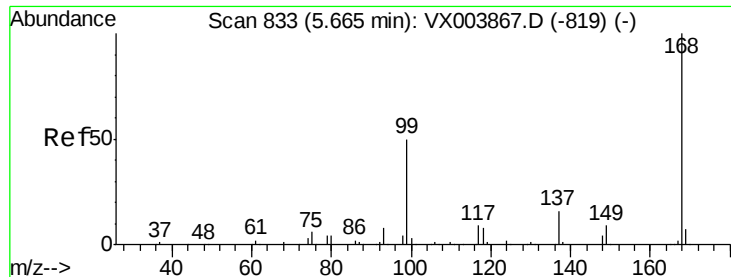
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003972.D

Acq: 10 Aug 2018 13:10

Instrument :

MSVOA_X

ClientSampleId :

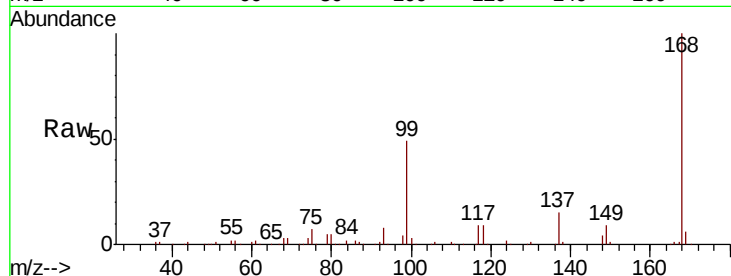
TB-08092018

Tot Ion:168 Resp: 314093

Ion Ratio Lower Upper

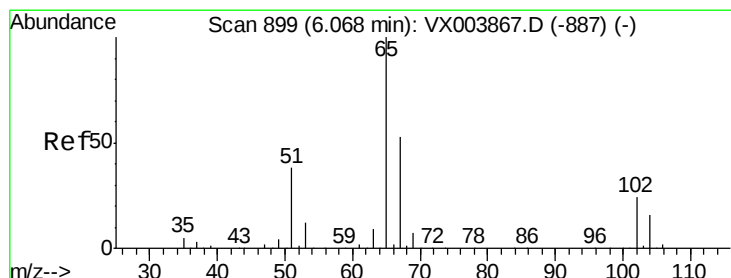
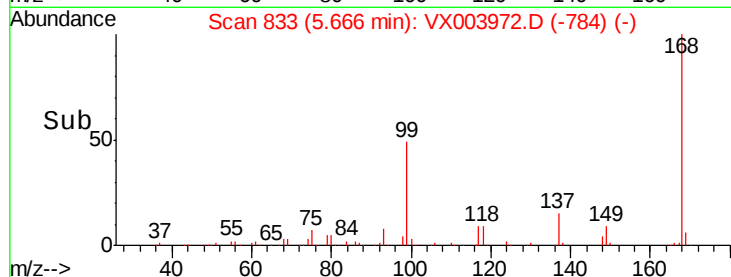
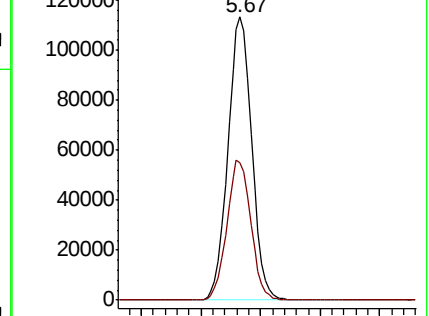
168 100

99 48.7 40.1 60.1



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: 51.87 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003972.D

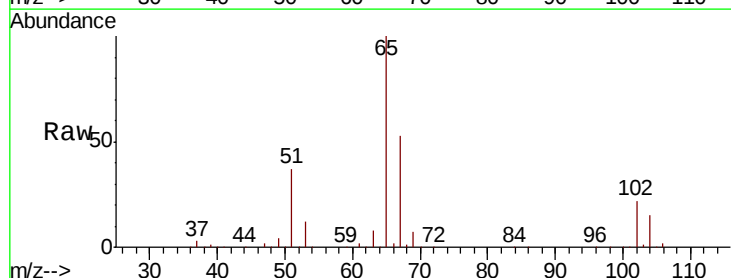
Acq: 10 Aug 2018 13:10

Tgt Ion: 65 Resp: 215980

Ion Ratio Lower Upper

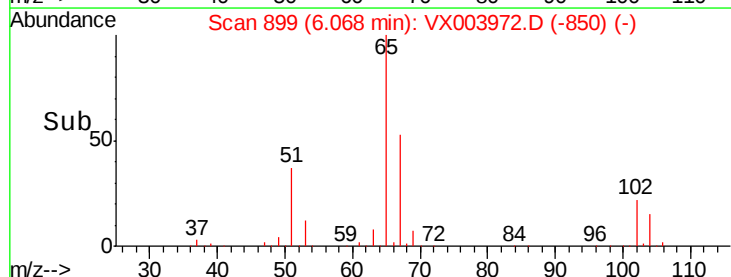
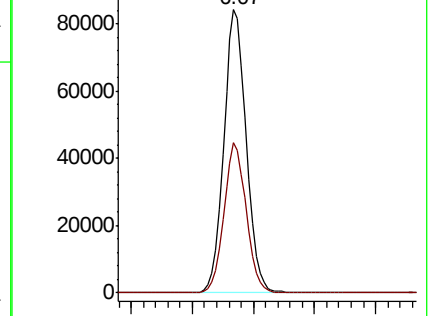
65 100

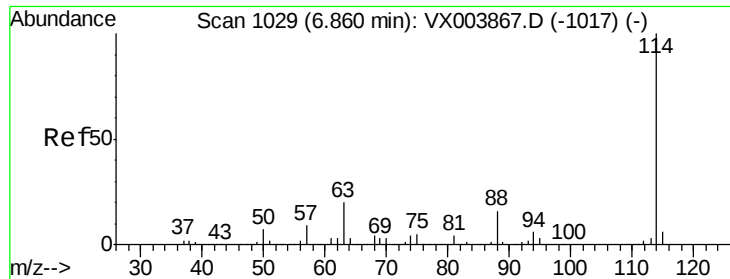
67 52.5 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

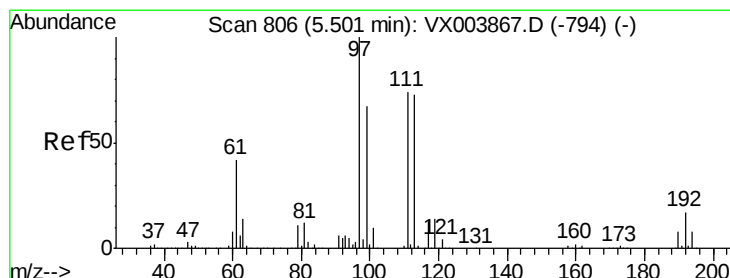
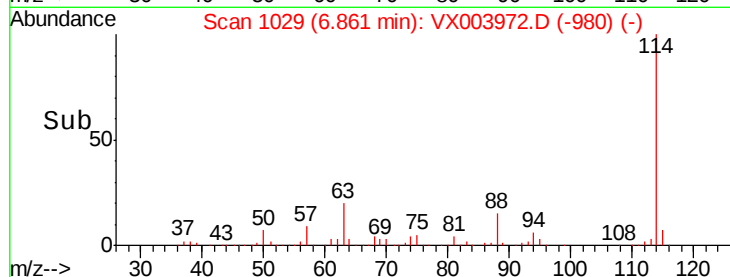
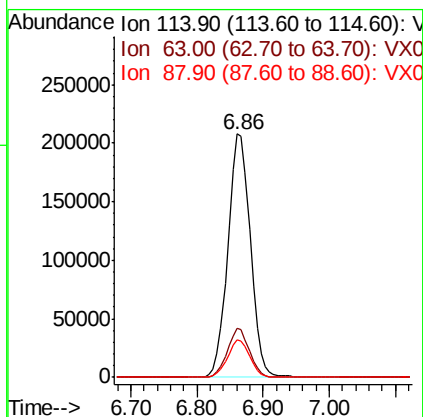
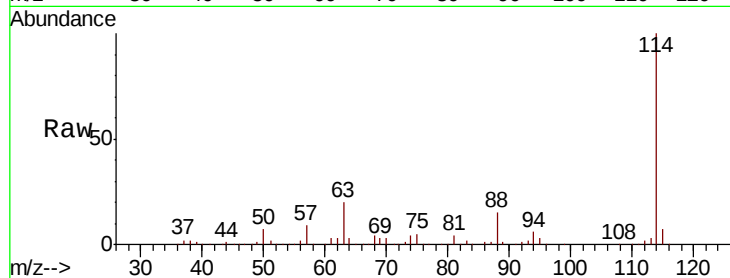




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX003972.D
 Acq: 10 Aug 2018 13:10

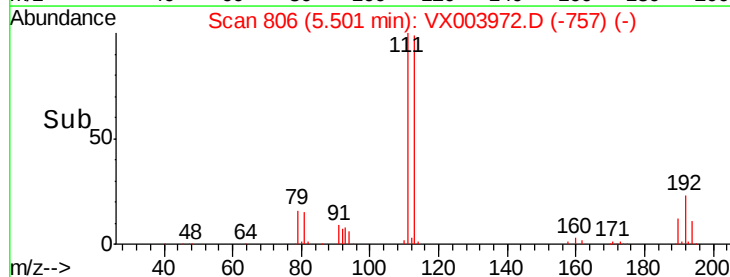
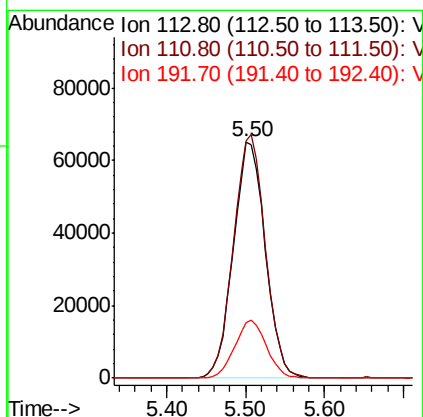
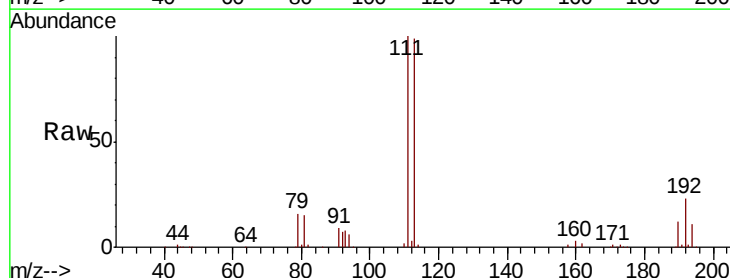
Instrument :
 MSVOA_X
 ClientSampleID :
 TB-08092018

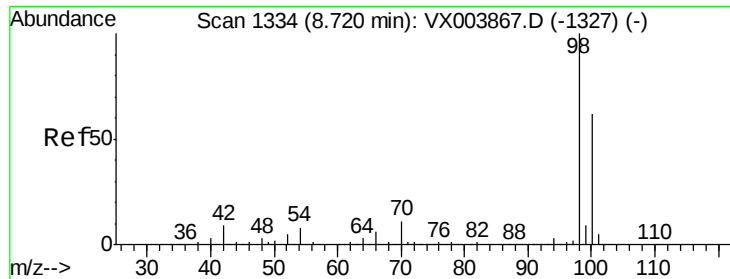
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.0
88	15.5	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 49.43 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX003972.D
 Acq: 10 Aug 2018 13:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	24.2	19.0	28.4





#50

Toluene-d8

Concen: 47.51 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003972.D

Acq: 10 Aug 2018 13:10

Instrument :

MSVOA_X

ClientSampleId :

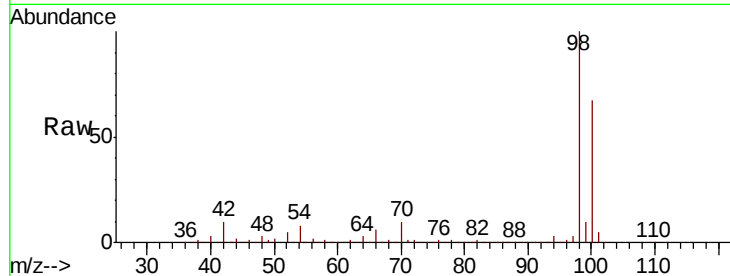
TB-08092018

Tot Ion: 98 Resp: 687349

Ion Ratio Lower Upper

98 100

100 65.8 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

400000

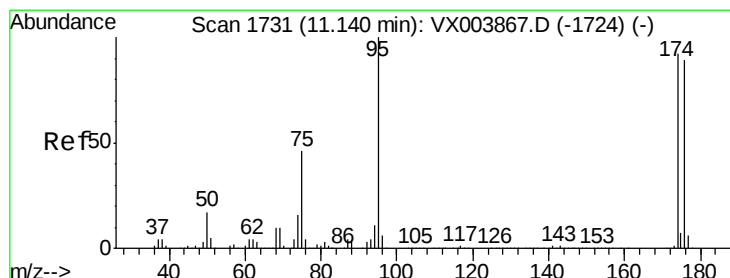
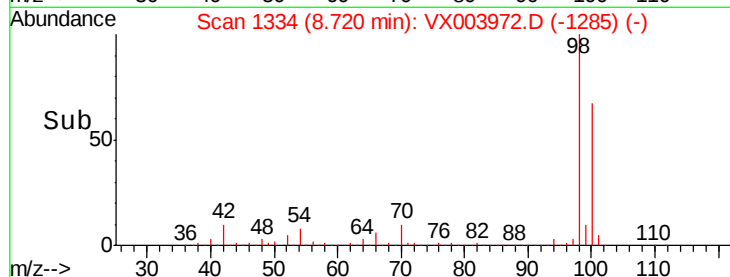
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.29 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003972.D

Acq: 10 Aug 2018 13:10

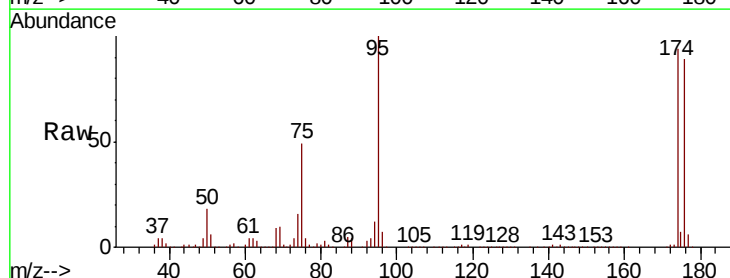
Tgt Ion: 95 Resp: 235437

Ion Ratio Lower Upper

95 100

174 92.1 0.0 182.8

176 88.5 0.0 179.0



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

250000

200000

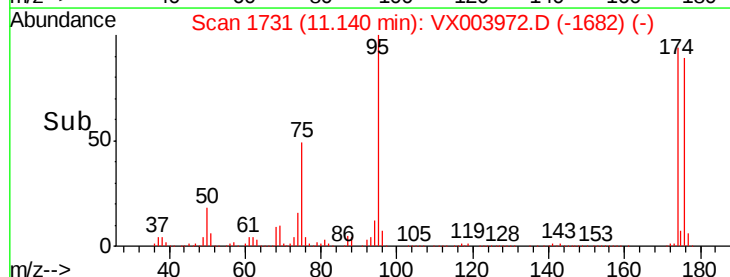
150000

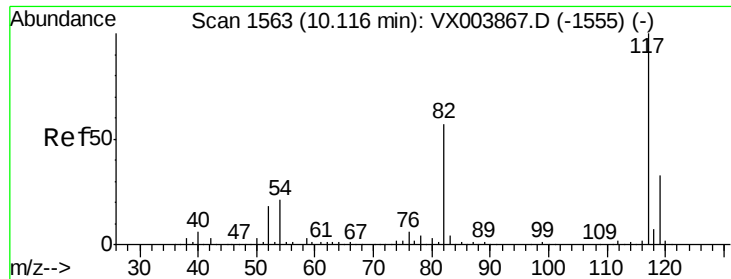
100000

50000

0

Time-->

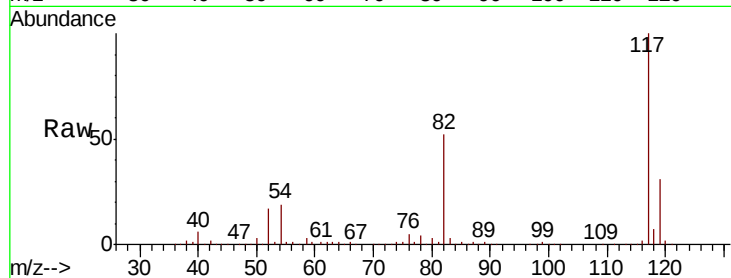




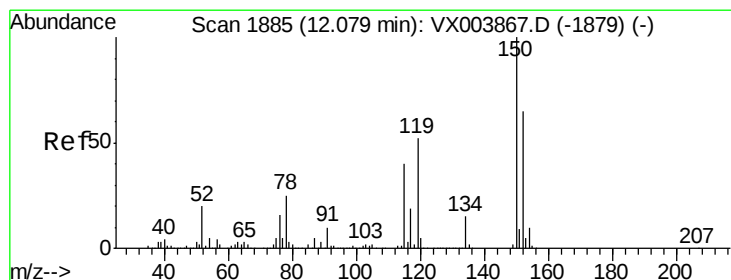
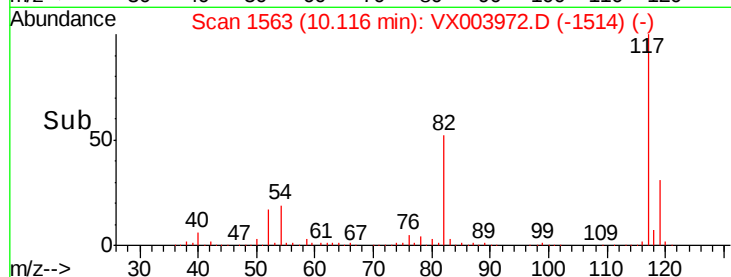
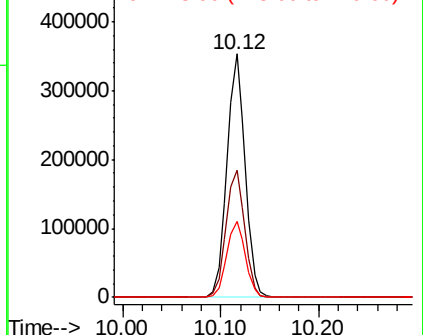
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003972.D
Acq: 10 Aug 2018 13:10

Instrument :
MSVOA_X
ClientSampled :
TB-08092018

Tot Ion:117 Resp: 455245
Ion Ratio Lower Upper
117 100
82 52.0 45.4 68.0
119 31.4 26.6 40.0

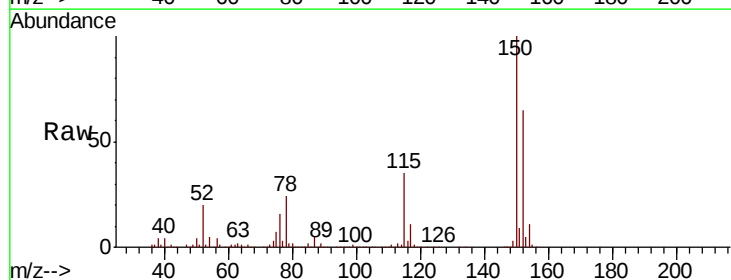


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003972.D
Acq: 10 Aug 2018 13:10

Tgt Ion:152 Resp: 244104
Ion Ratio Lower Upper
152 100
115 54.4 39.1 117.3
150 156.5 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

