

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081018\
 Data File : VX003976.D
 Acq On : 10 Aug 2018 14:57
 Operator : JC/MD
 Sample : J4379-21
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-102D

Quant Time: Aug 13 10:48:13 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	303951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	482312	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	458217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	245123	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	214367	53.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.40%	
35) Dibromofluoromethane	5.51	113	185033	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
50) Toluene-d8	8.72	98	671186	47.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.48%	
62) 4-Bromofluorobenzene	11.14	95	237921	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.50%	

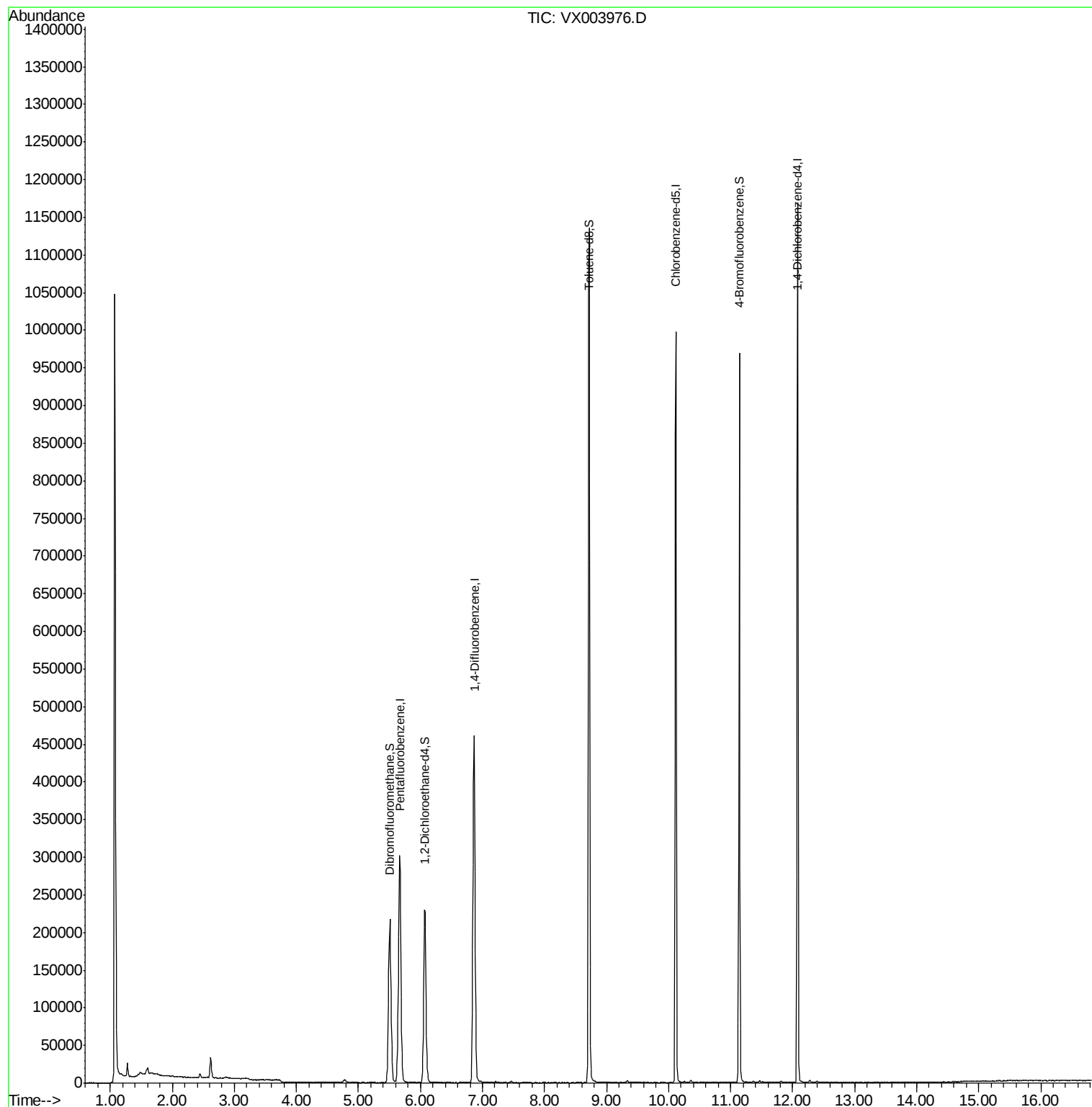
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003976.D

Acq: 10 Aug 2018 14:57

Instrument :

MSVOA_X

ClientSampleId :

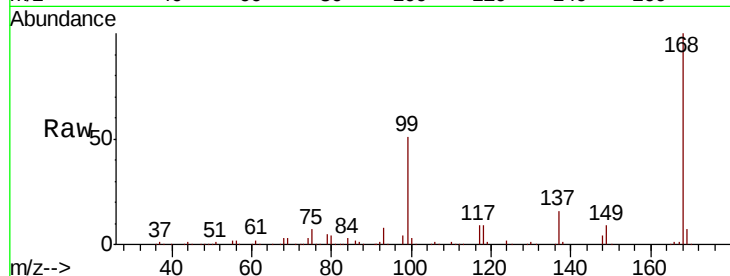
MW-102D

Tot Ion:168 Resp: 303951

Ion Ratio Lower Upper

168 100

99 50.7 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

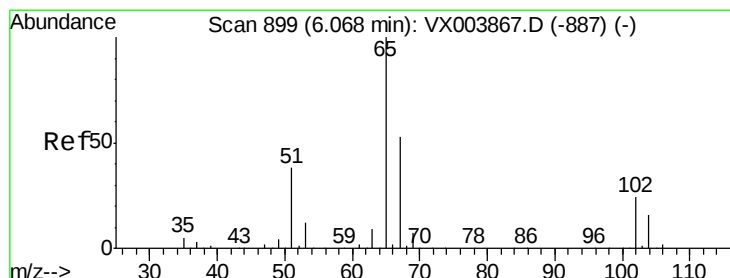
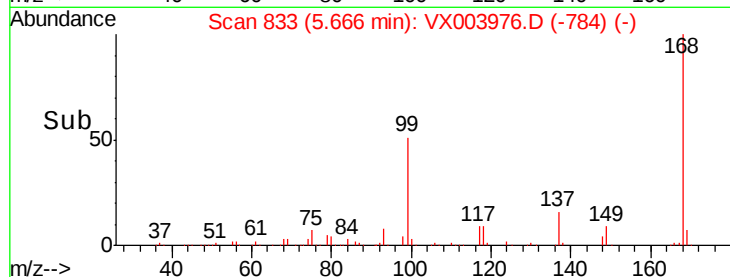
40000

20000

0

Time-->

5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 53.20 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003976.D

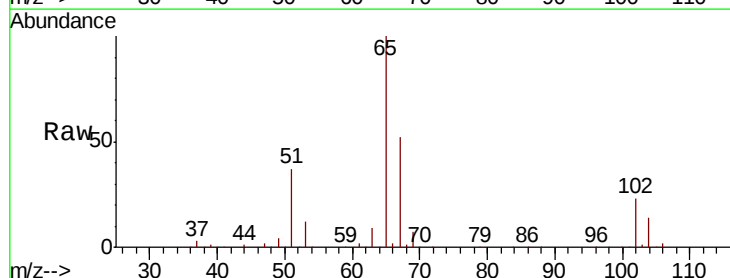
Acq: 10 Aug 2018 14:57

Tgt Ion: 65 Resp: 214367

Ion Ratio Lower Upper

65 100

67 52.4 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

80000

60000

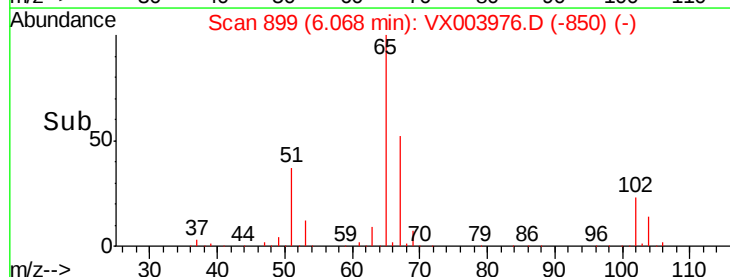
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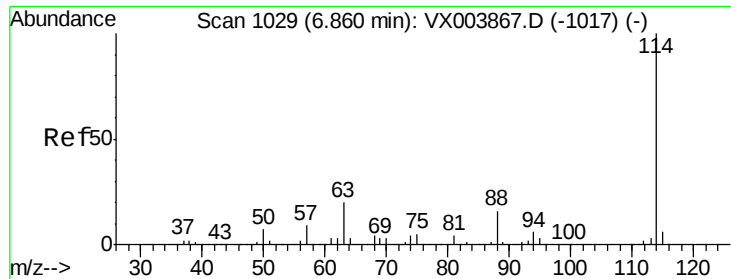
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0

Time-->

5.90 6.00 6.10 6.20 6.30

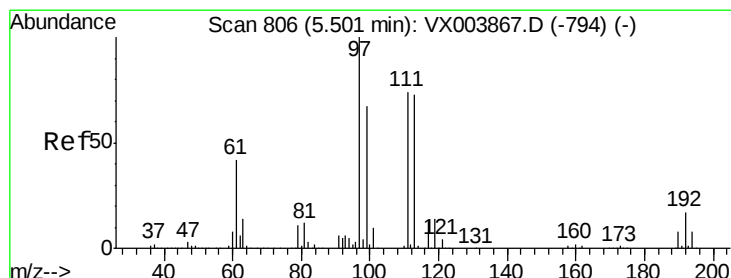
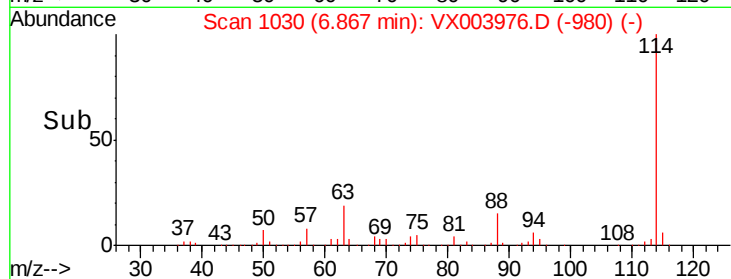
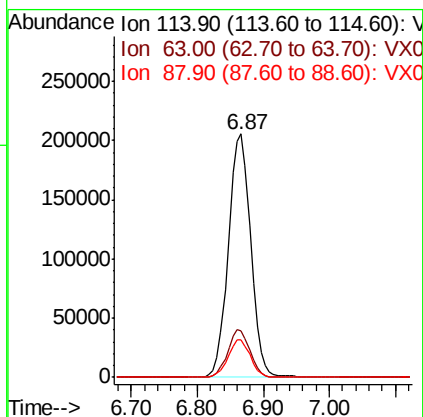
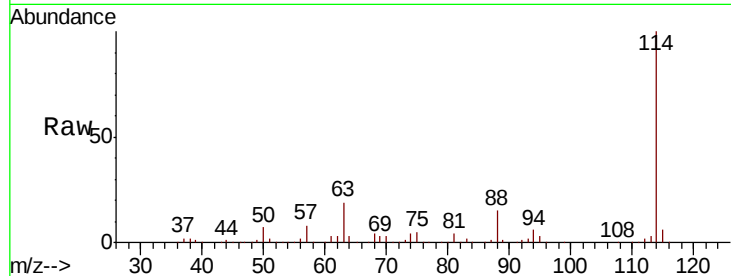




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX003976.D
 Acq: 10 Aug 2018 14:57

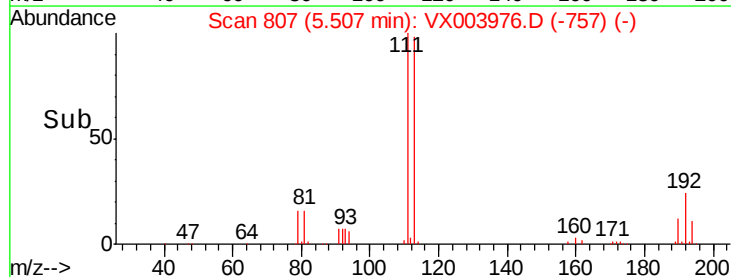
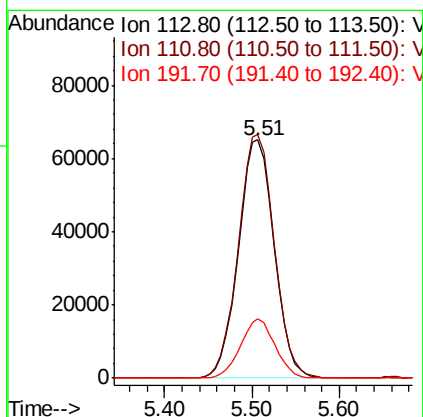
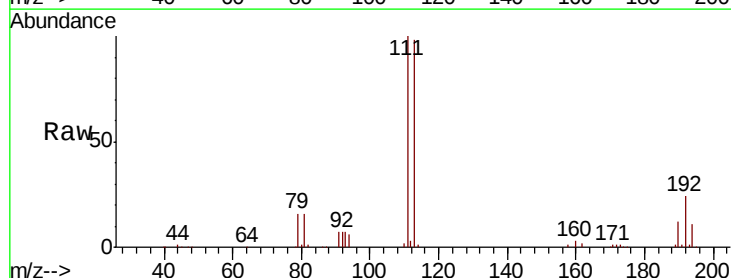
Instrument :
 MSVOA_X
 ClientSampled :
 MW-102D

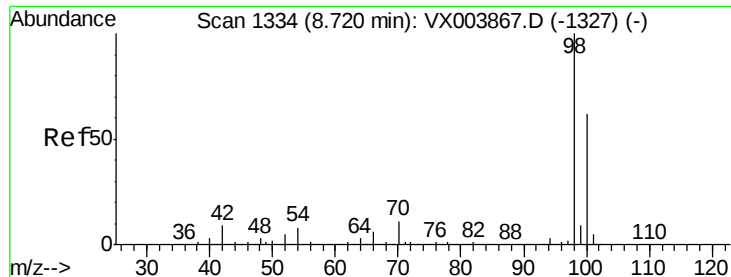
Tot Ion:114 Resp: 482312
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.0
 88 15.3 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 50.64 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX003976.D
 Acq: 10 Aug 2018 14:57

Tgt Ion:113 Resp: 185033
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.0 123.0
 192 23.8 19.0 28.4





#50

Toluene-d8

Concen: 47.24 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003976.D

Acq: 10 Aug 2018 14:57

Instrument :

MSVOA_X

ClientSampleId :

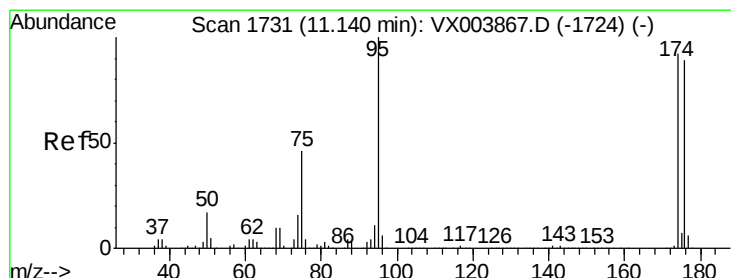
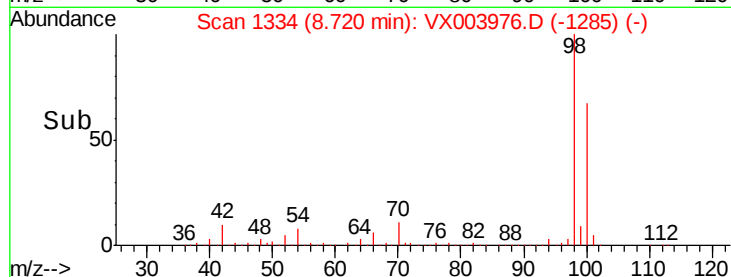
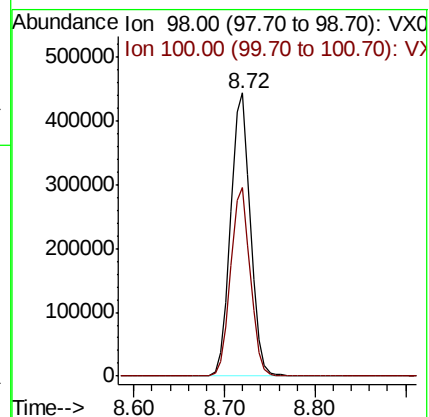
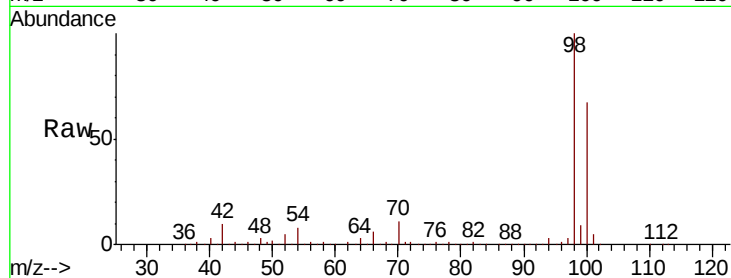
MW-102D

Tot Ion: 98 Resp: 671186

Ion Ratio Lower Upper

98 100

100 66.4 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 51.75 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003976.D

Acq: 10 Aug 2018 14:57

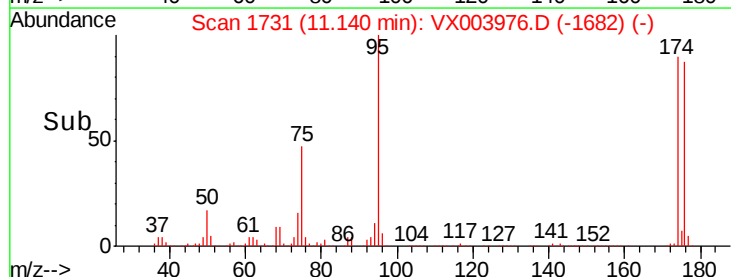
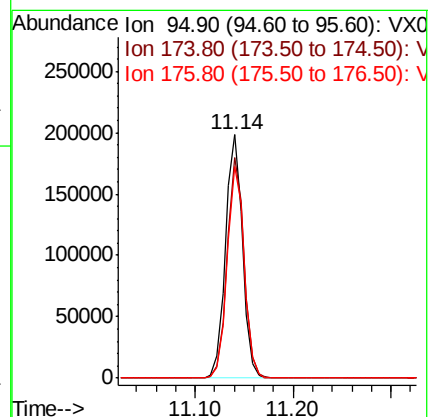
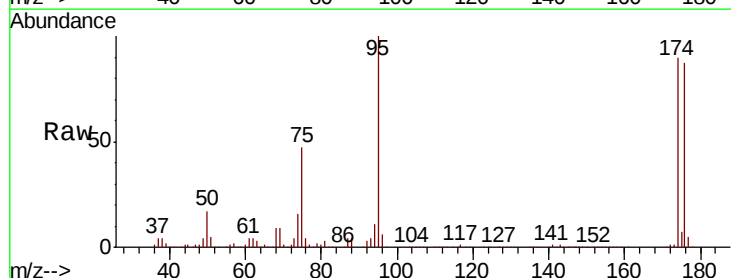
Tgt Ion: 95 Resp: 237921

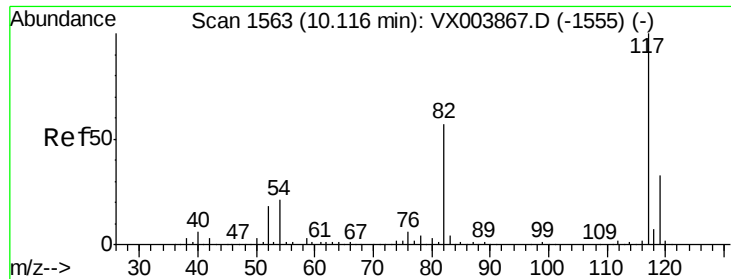
Ion Ratio Lower Upper

95 100

174 90.5 0.0 182.8

176 87.2 0.0 179.0

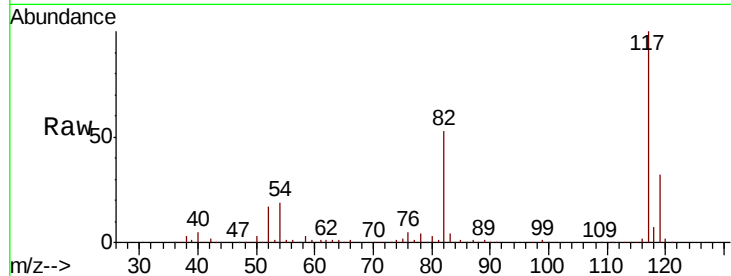




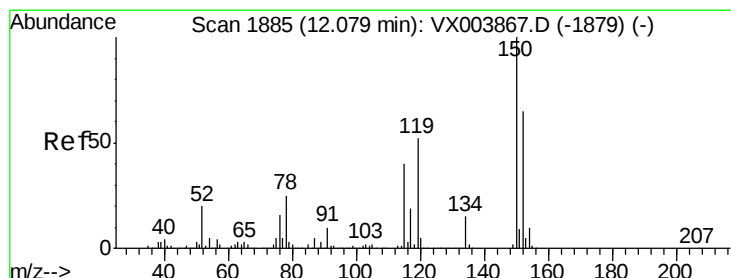
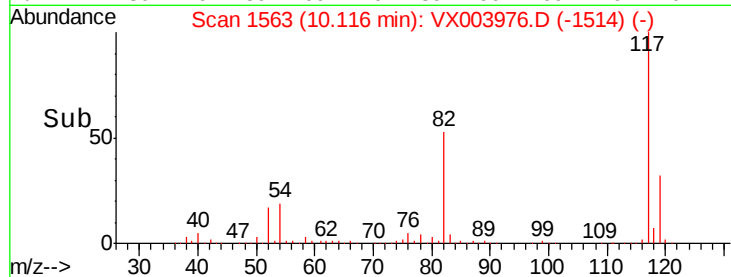
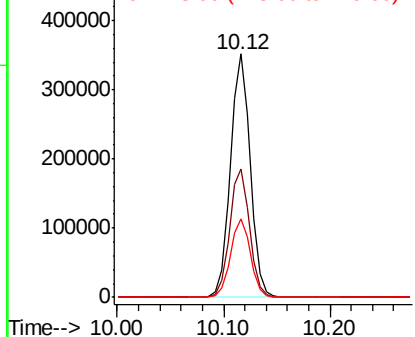
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003976.D
Acq: 10 Aug 2018 14:57

Instrument :
MSVOA_X
ClientSampleId :
MW-102D

Tot Ion:117 Resp: 458217
Ion Ratio Lower Upper
117 100
82 52.6 45.4 68.0
119 32.2 26.6 40.0

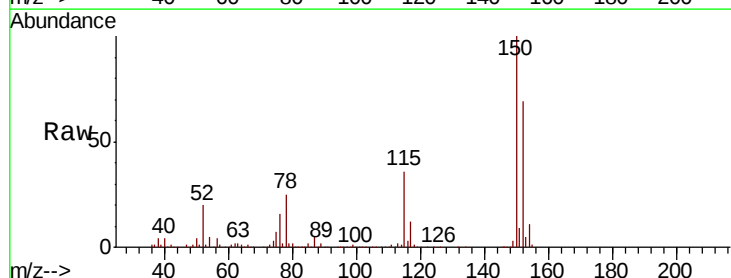


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003976.D
Acq: 10 Aug 2018 14:57

Tgt Ion:152 Resp: 245123
Ion Ratio Lower Upper
152 100
115 54.1 39.1 117.3
150 153.3 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

