

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080818\
 Data File : VX003927.D
 Acq On : 08 Aug 2018 16:51
 Operator : JC/MD
 Sample : J4379-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-107S

Quant Time: Aug 09 10:57:19 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	320954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	502896	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	476849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	240696	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	223704	52.58	ug/l	0.00
Spiked Amount						
			Recovery	=	105.16%	
35) Dibromofluoromethane	5.51	113	190438	49.99	ug/l	0.00
Spiked Amount						
			Recovery	=	99.98%	
50) Toluene-d8	8.72	98	713103	48.13	ug/l	0.00
Spiked Amount						
			Recovery	=	96.26%	
62) 4-Bromofluorobenzene	11.14	95	251010	52.36	ug/l	0.00
Spiked Amount						
			Recovery	=	104.72%	

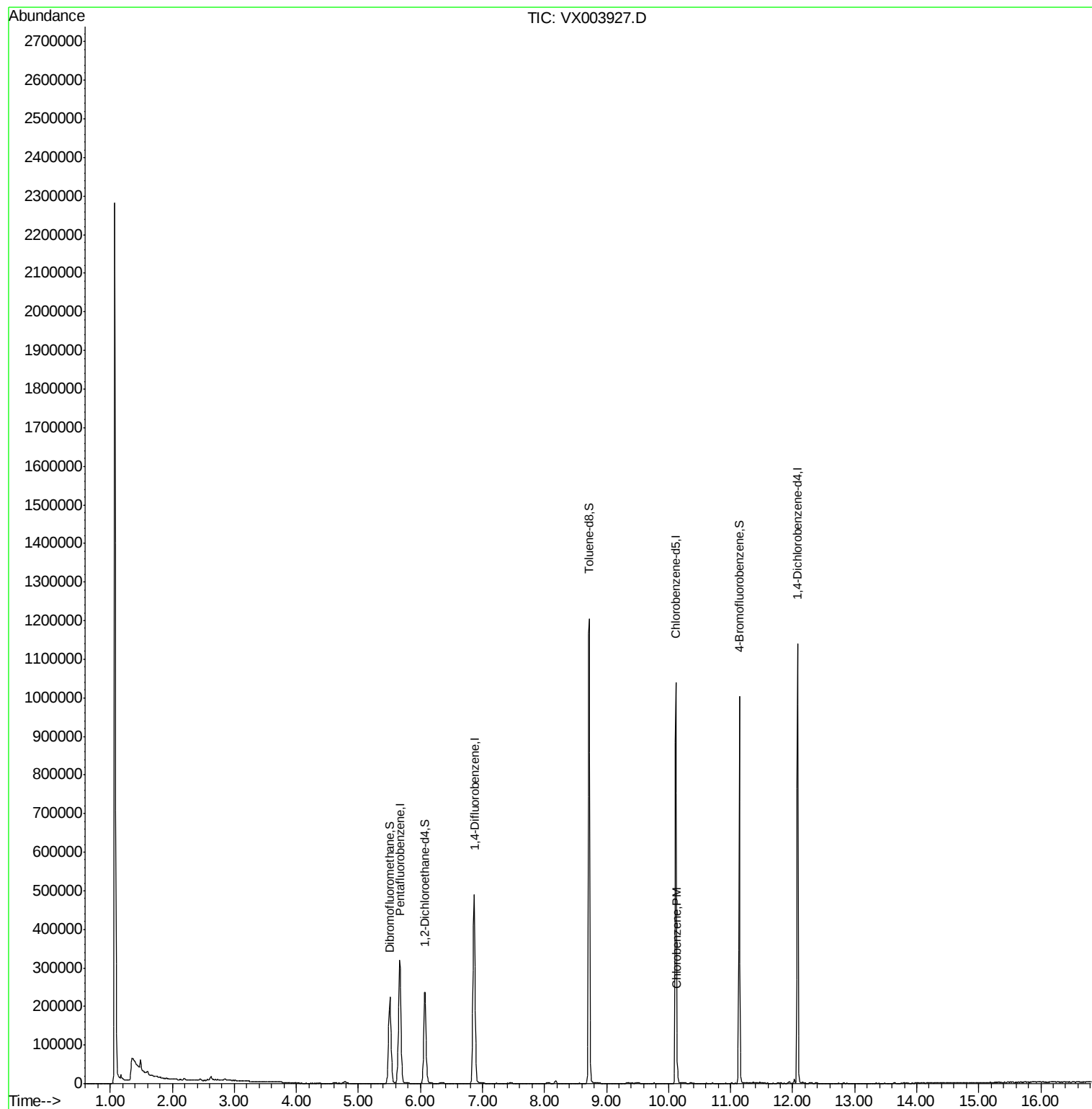
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
65) Chlorobenzene	10.14	112	15406	1.24	ug/l	97

(#) = 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: VX003927.D

Acq: 08 Aug 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

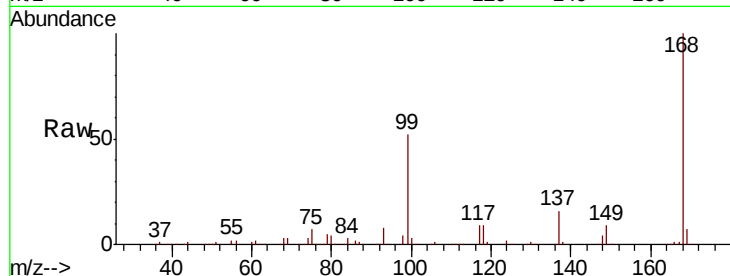
MW-107S

Tot Ion:168 Resp: 320954

Ion Ratio Lower Upper

168 100

99 51.9 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

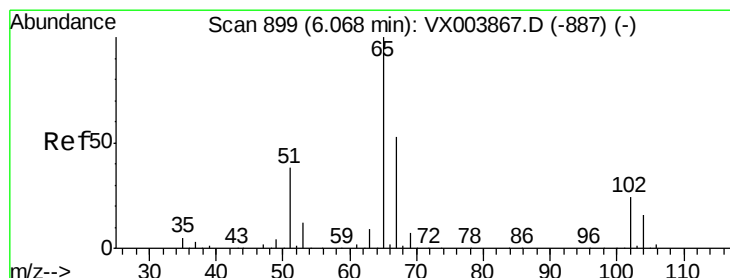
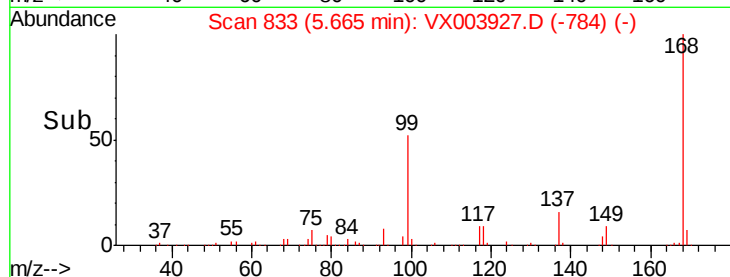
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.58 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003927.D

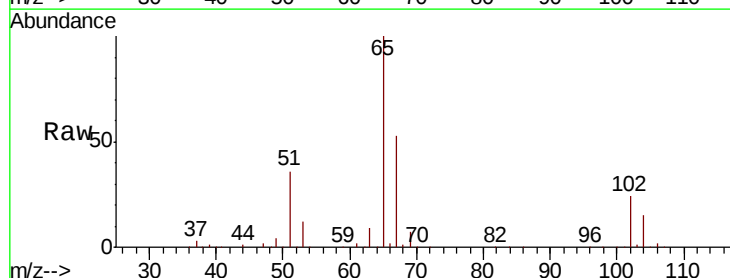
Acq: 08 Aug 2018 16:51

Tgt Ion: 65 Resp: 223704

Ion Ratio Lower Upper

65 100

67 52.8 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

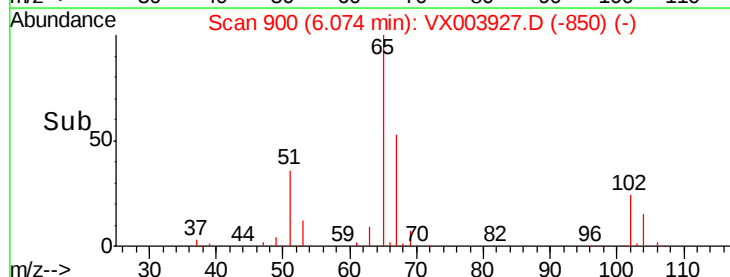
60000

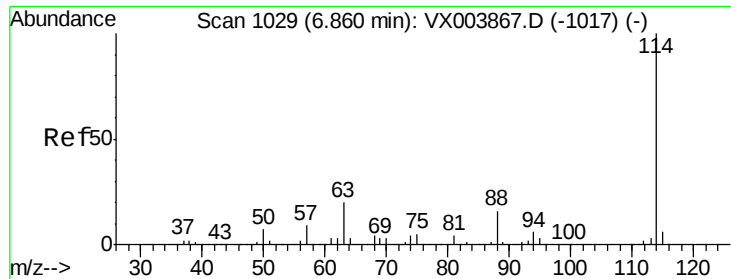
40000

20000

0

Time--> 5.90 6.00 6.10 6.20 6.30

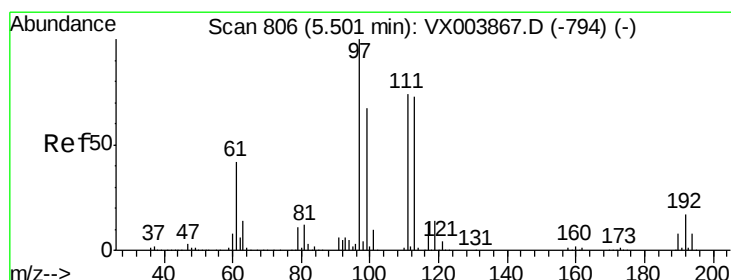
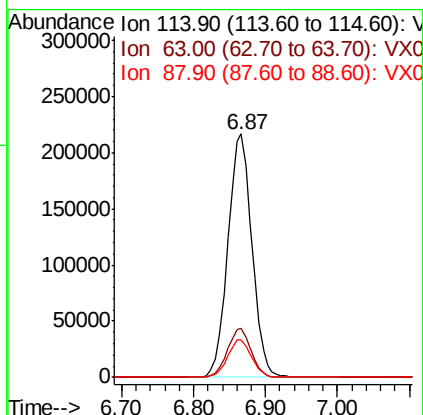
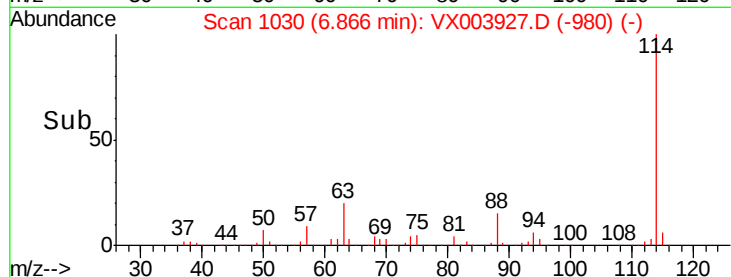
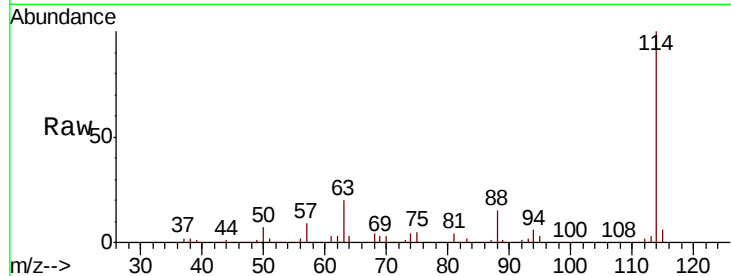




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX003927.D
 Acq: 08 Aug 2018 16:51

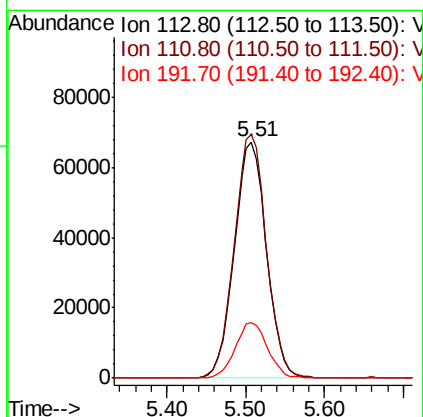
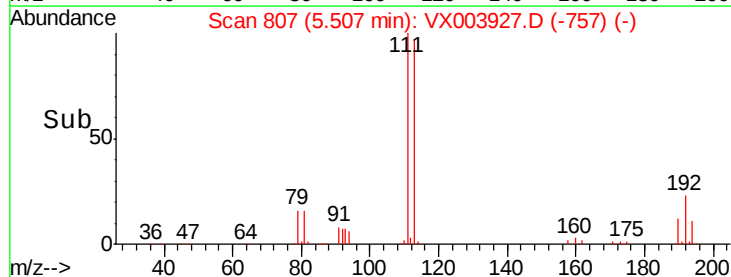
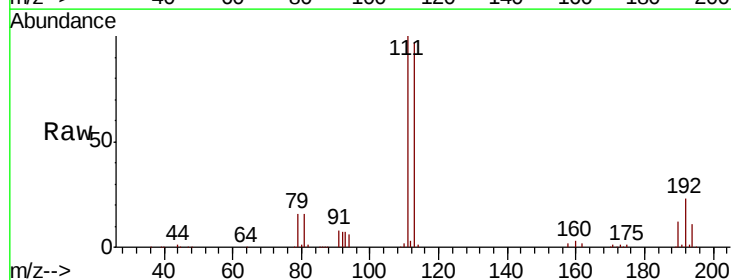
Instrument :
 MSVOA_X
 ClientSampled :
 MW-107S

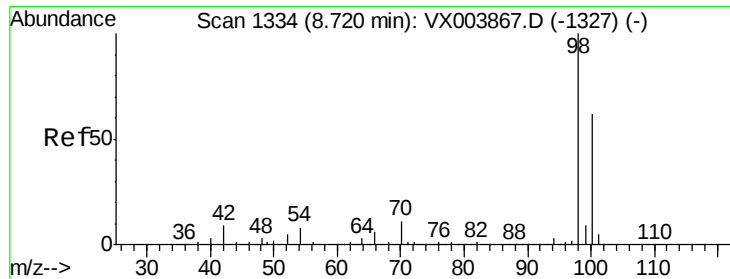
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.0
88	15.2	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 49.99 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX003927.D
 Acq: 08 Aug 2018 16:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.0	123.0
192	23.5	19.0	28.4





#50

Toluene-d8

Concen: 48.13 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003927.D

Acq: 08 Aug 2018 16:51

Instrument :

MSVOA_X

ClientSampled :

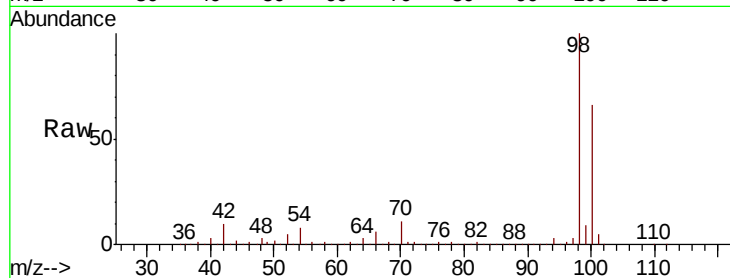
MW-107S

Tot Ion: 98 Resp: 713103

Ion Ratio Lower Upper

98 100

100 66.2 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

500000

400000

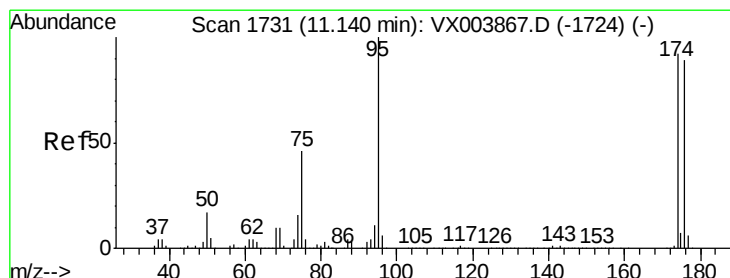
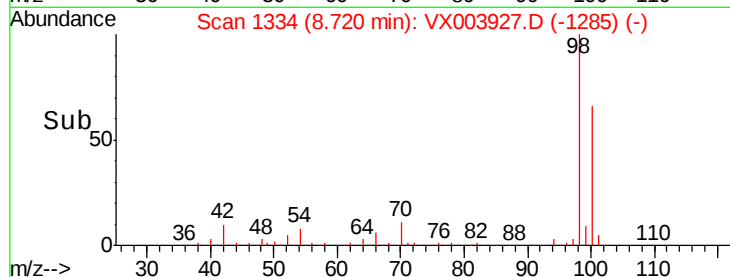
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.36 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003927.D

Acq: 08 Aug 2018 16:51

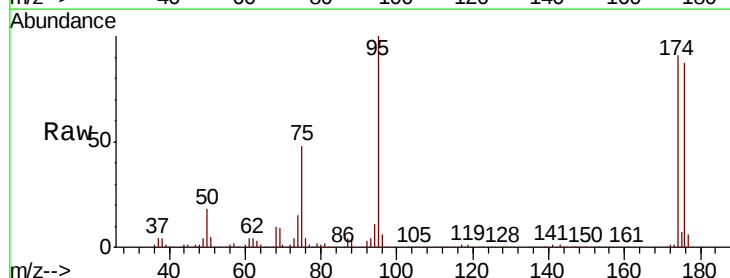
Tgt Ion: 95 Resp: 251010

Ion Ratio Lower Upper

95 100

174 90.3 0.0 182.8

176 87.9 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

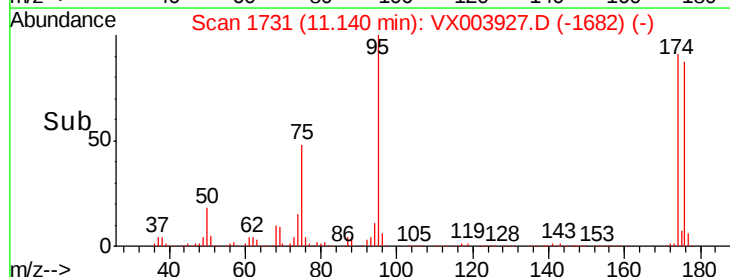
150000

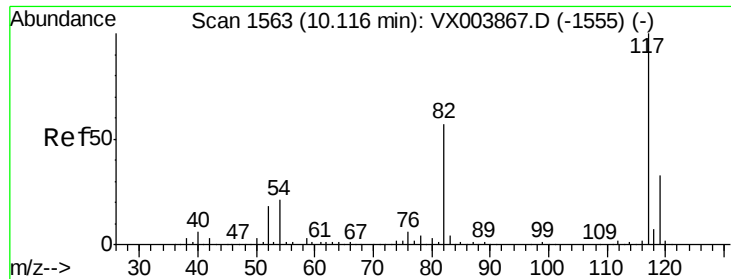
100000

50000

0

Time-->

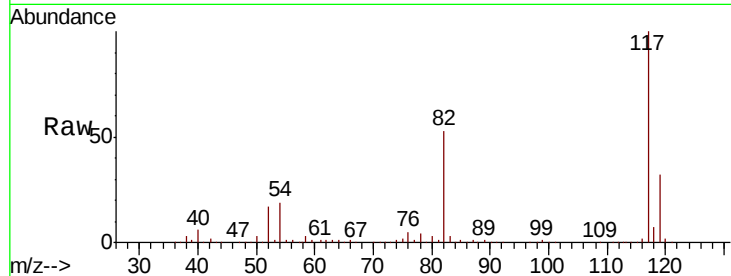




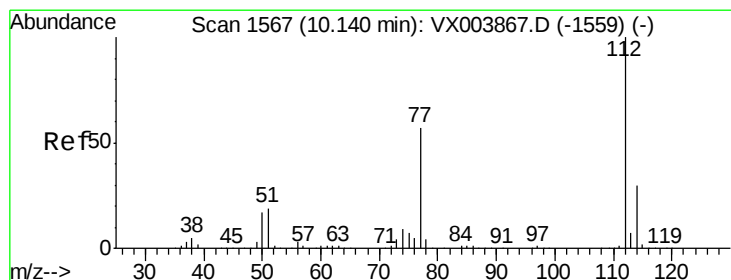
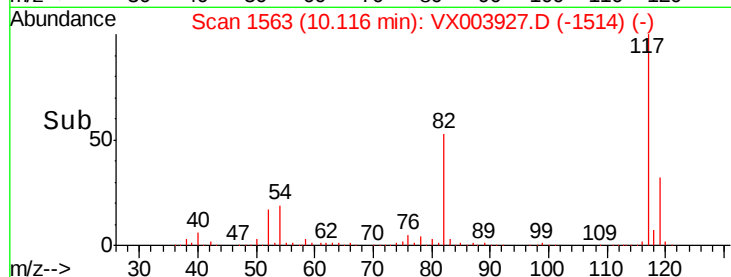
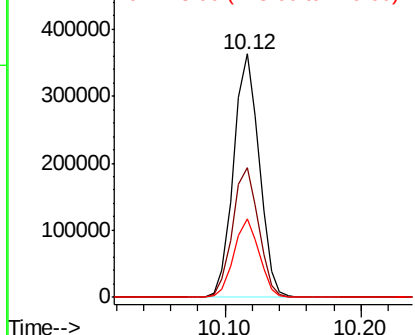
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003927.D
Acq: 08 Aug 2018 16:51

Instrument :
MSVOA_X
ClientSampleId :
MW-107S

Tot Ion:117 Resp: 476849
Ion Ratio Lower Upper
117 100
82 53.2 45.4 68.0
119 32.3 26.6 40.0

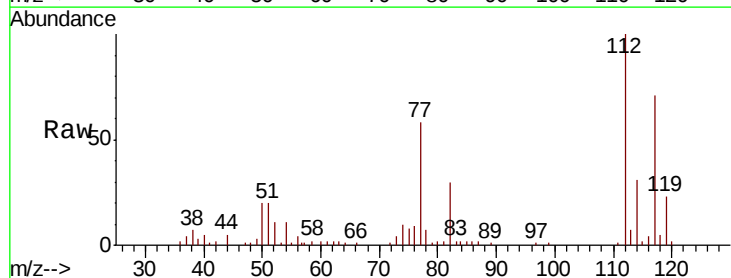


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

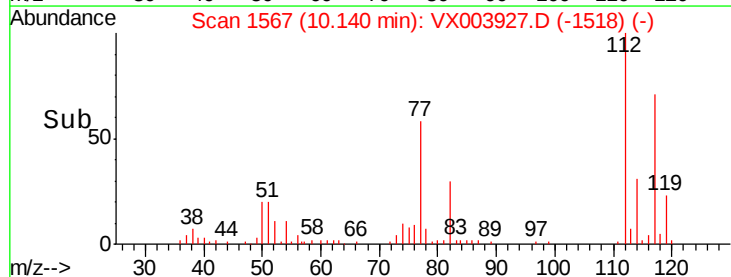
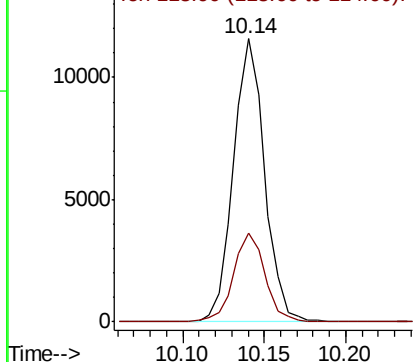


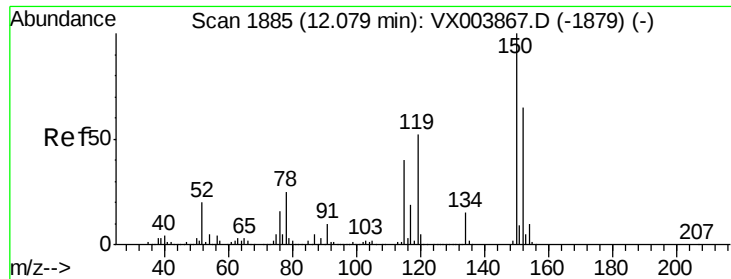
#65
Chlorobenzene
Concen: 1.24 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003927.D
Acq: 08 Aug 2018 16:51

Tgt Ion:112 Resp: 15406
Ion Ratio Lower Upper
112 100
114 31.3 23.6 35.4



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): 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: VX003927.D

Acq: 08 Aug 2018 16:51

Instrument :

MSVOA_X

ClientSampleId :

MW-107S

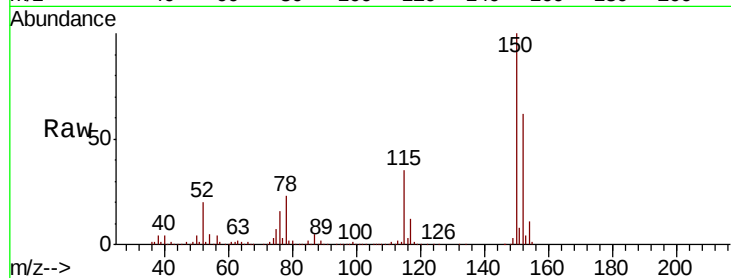
Tot Ion:152 Resp: 240696

Ion Ratio Lower Upper

152 100

115 54.3 39.1 117.3

150 156.3 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

