

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011119\
 Data File : VX007017.D
 Acq On : 11 Jan 2019 16:50
 Operator : JC/SP
 Sample : K1125-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Jan 11 22:38:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	573744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	894404	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	835208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	413883	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	305965	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
35) Dibromofluoromethane	5.50	113	274021	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
50) Toluene-d8	8.71	98	1061727	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
62) 4-Bromofluorobenzene	11.13	95	387062	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	

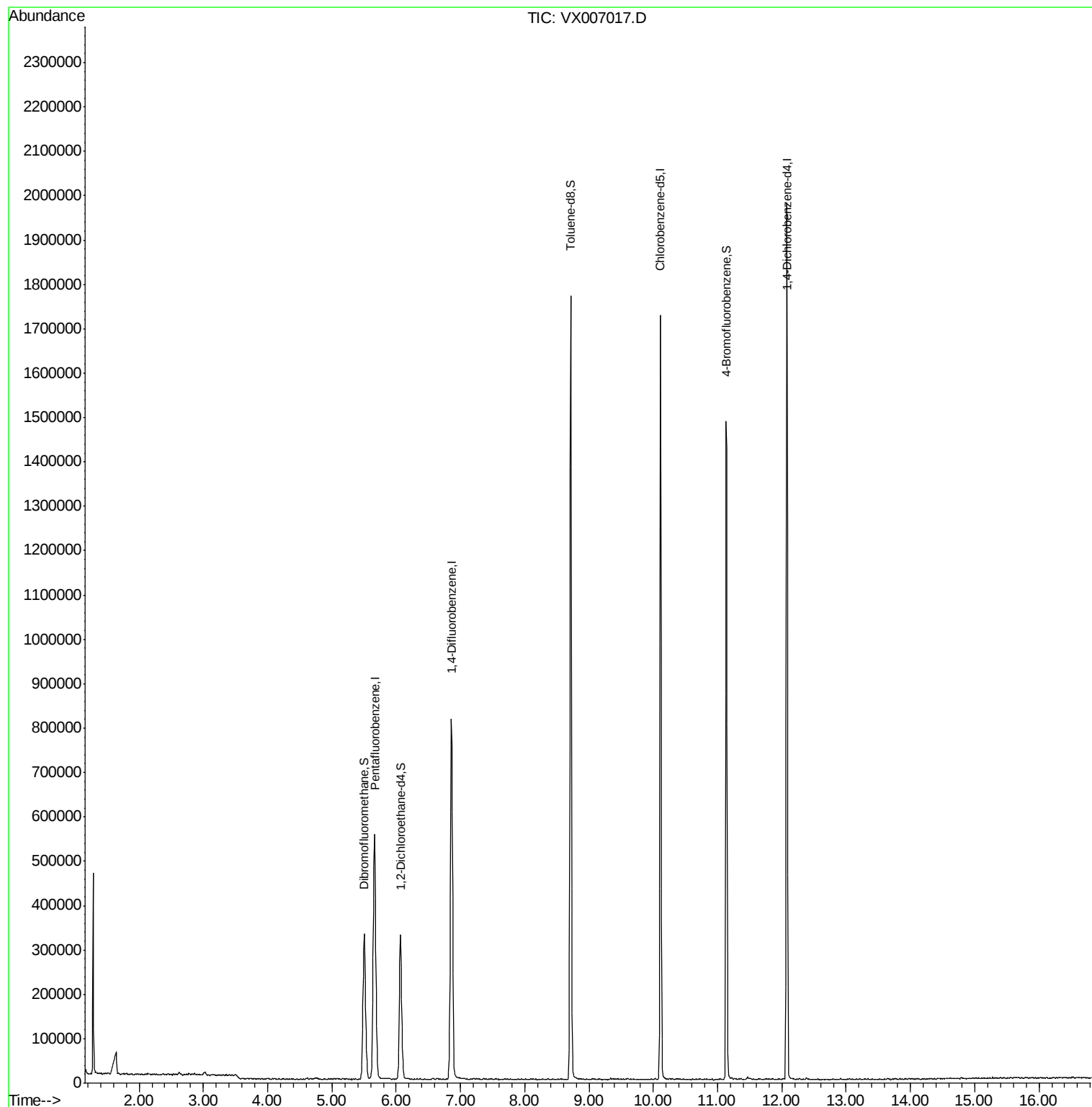
Target Compounds	Qvalue

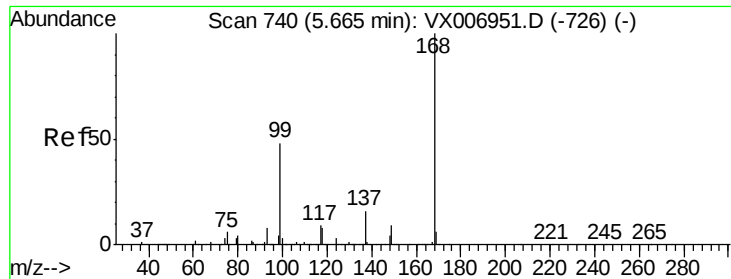
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007017.D

Acq: 11 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

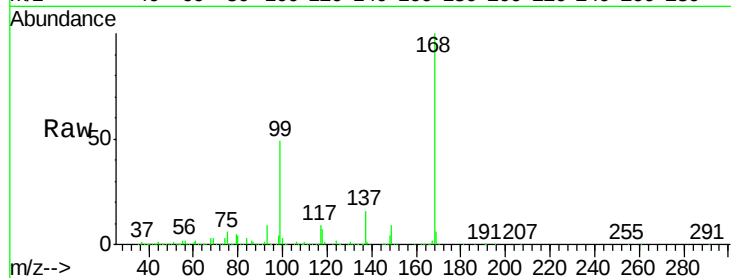
STORAGE-BLANK-WATER-REF-4

Tot Ion:168 Resp: 573744

Ion Ratio Lower Upper

168 100

99 48.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

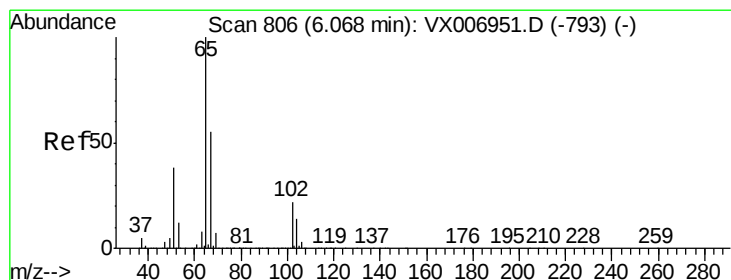
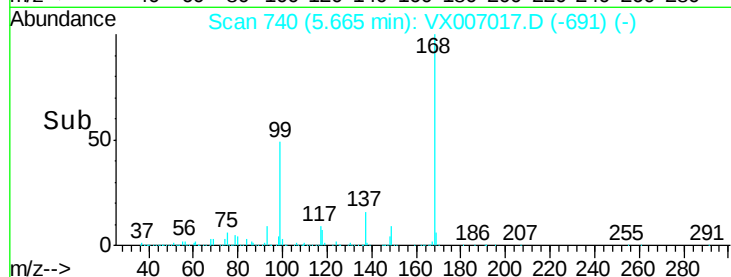
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 51.027 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX007017.D

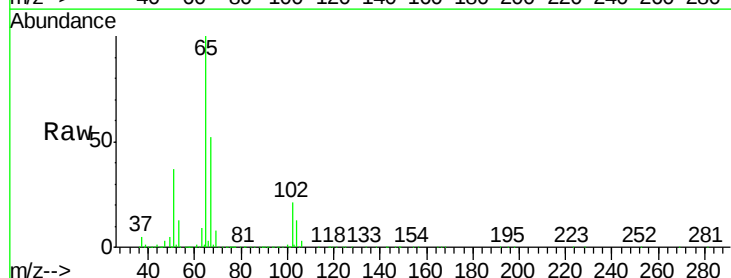
Acq: 11 Jan 2019 16:50

Tgt Ion: 65 Resp: 305965

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

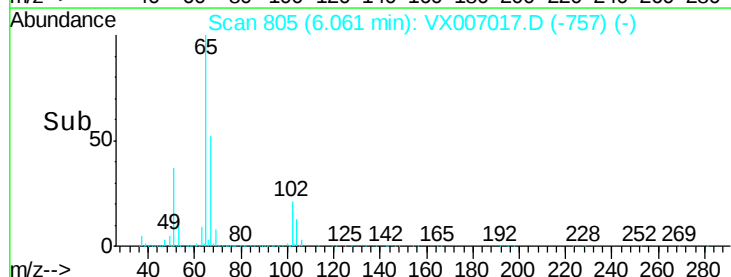
6.06

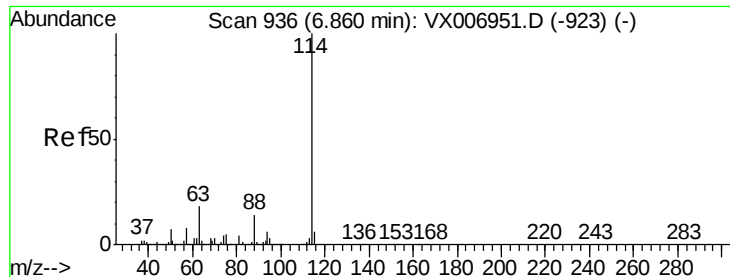
100000

50000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007017.D

Acq: 11 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

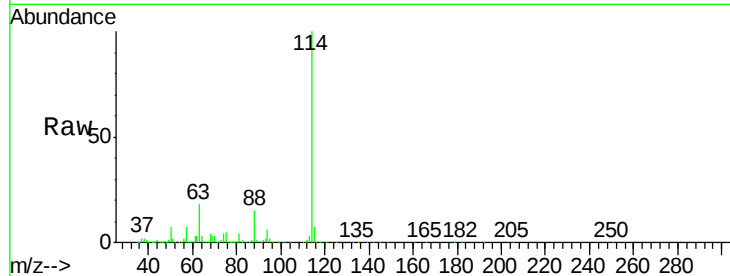
Tot Ion:114 Resp: 894404

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

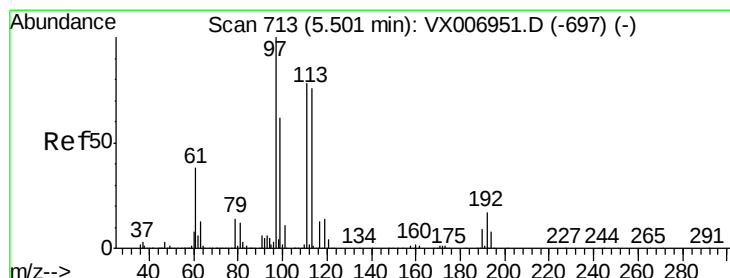
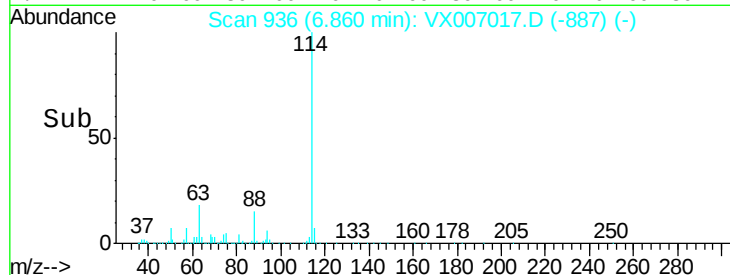
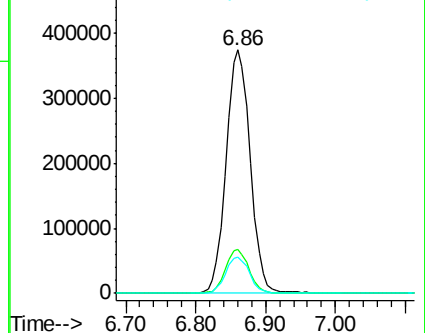
88 14.7 0.0 28.8



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: 47.841 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007017.D

Acq: 11 Jan 2019 16:50

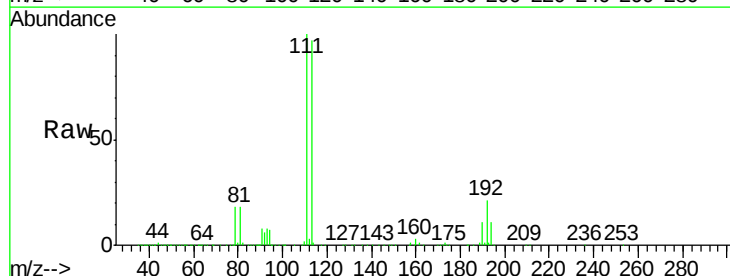
Tgt Ion:113 Resp: 274021

Ion Ratio Lower Upper

113 100

111 100.9 81.6 122.4

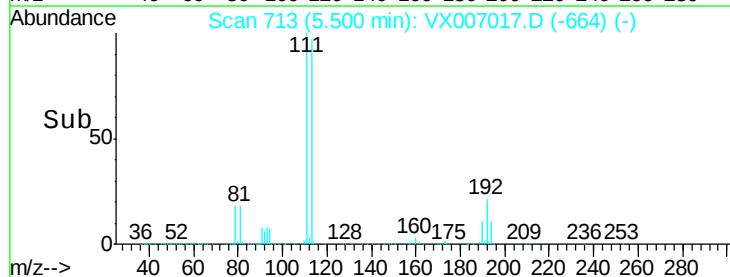
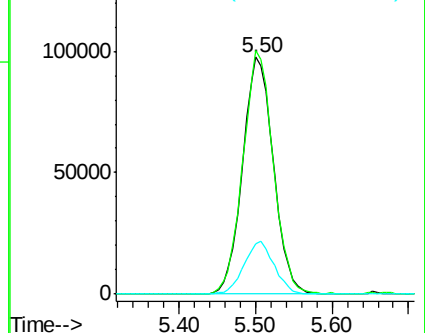
192 21.8 16.7 25.1

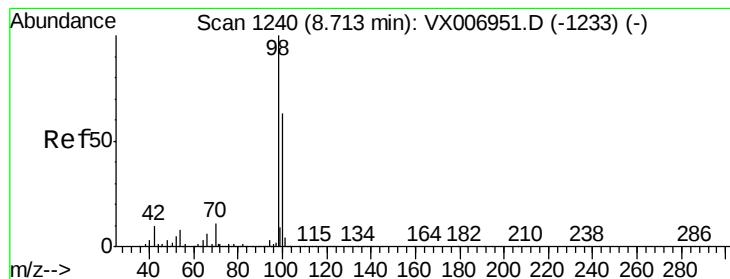


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.642 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007017.D

Acq: 11 Jan 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

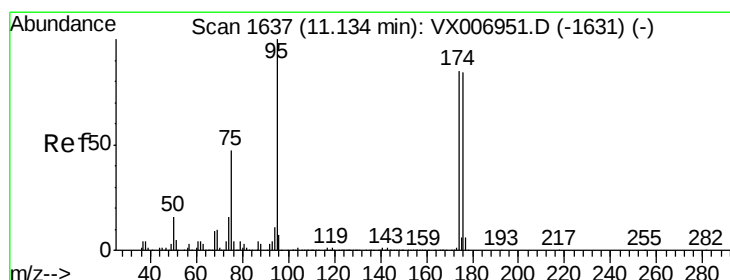
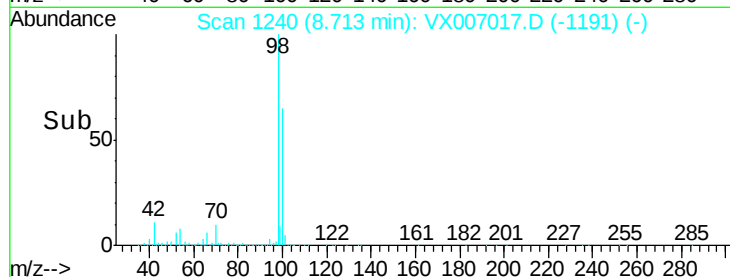
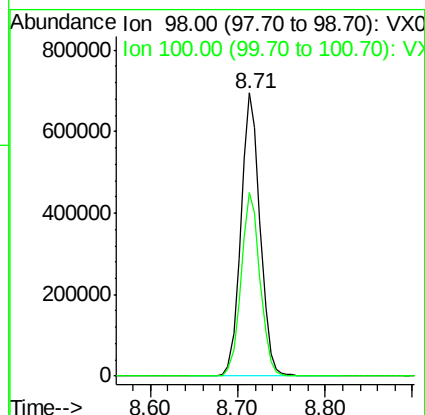
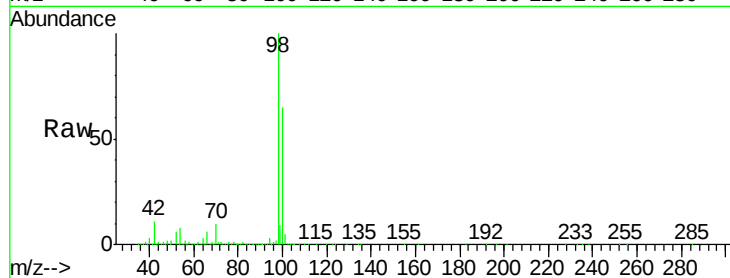
STORAGE-BLANK-WATER-REF-4

Tot Ion: 98 Resp: 1061727

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 52.957 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007017.D

Acq: 11 Jan 2019 16:50

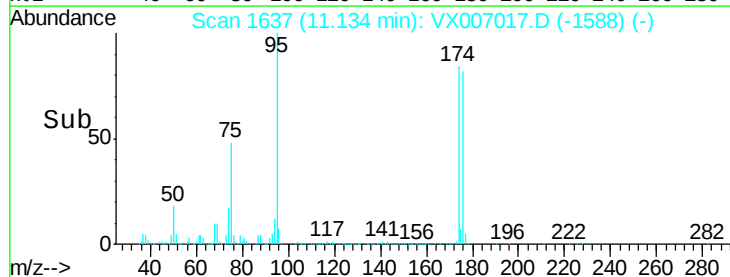
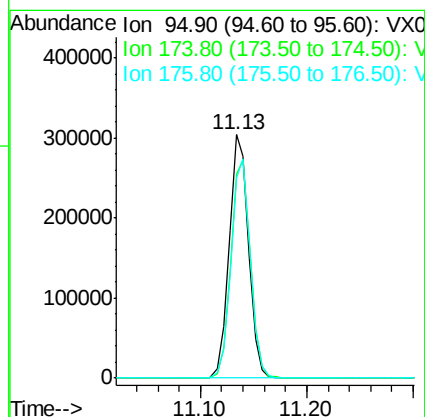
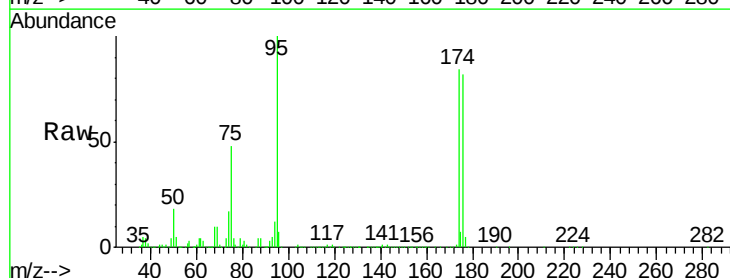
Tgt Ion: 95 Resp: 387062

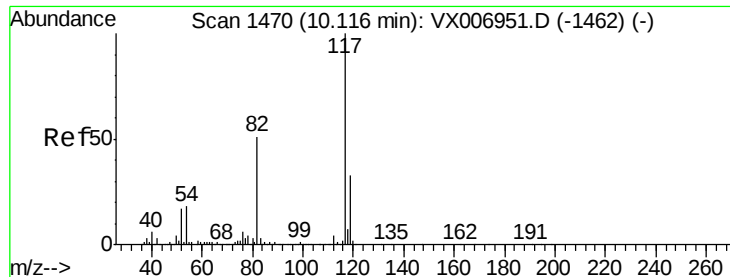
Ion Ratio Lower Upper

95 100

174 90.7 0.0 182.2

176 89.5 0.0 178.8

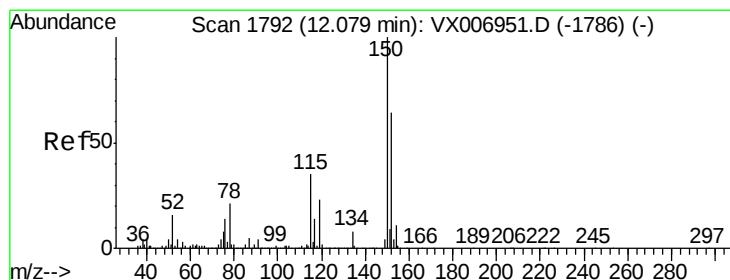
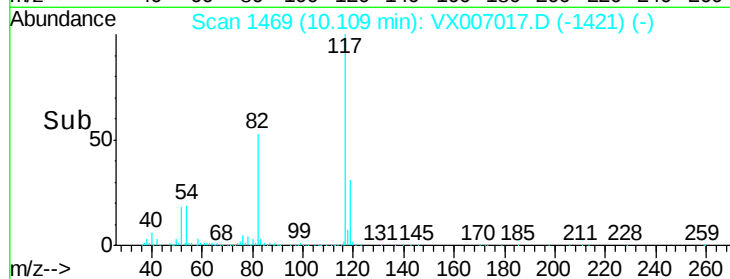
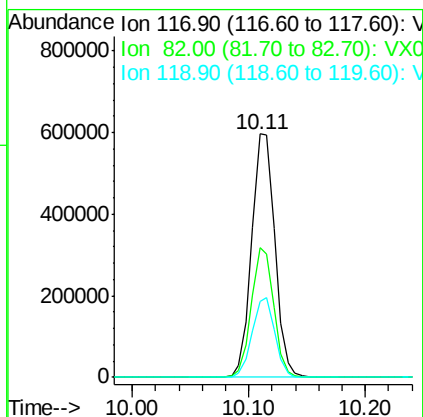
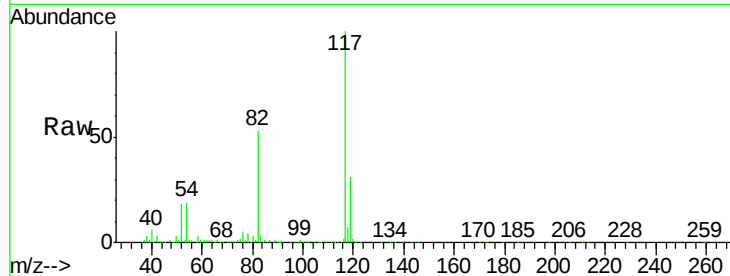




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007017.D
Acq: 11 Jan 2019 16:50

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tot Ion:117 Resp: 835208
Ion Ratio Lower Upper
117 100
82 53.1 41.0 61.6
119 31.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007017.D
Acq: 11 Jan 2019 16:50

Tgt Ion:152 Resp: 413883
Ion Ratio Lower Upper
152 100
115 54.6 39.1 117.2
150 157.2 0.0 344.8

