

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071119\
 Data File : VX010797.D
 Acq On : 11 Jul 2019 11:20
 Operator : JC/SP
 Sample : K3738-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20190709

Quant Time: Jul 12 07:07:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	217262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	341647	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	310894	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	140534	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	111590	54.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.56%	
35) Dibromofluoromethane	5.50	113	104828	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
50) Toluene-d8	8.71	98	408764	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
62) 4-Bromofluorobenzene	11.13	95	134598	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	

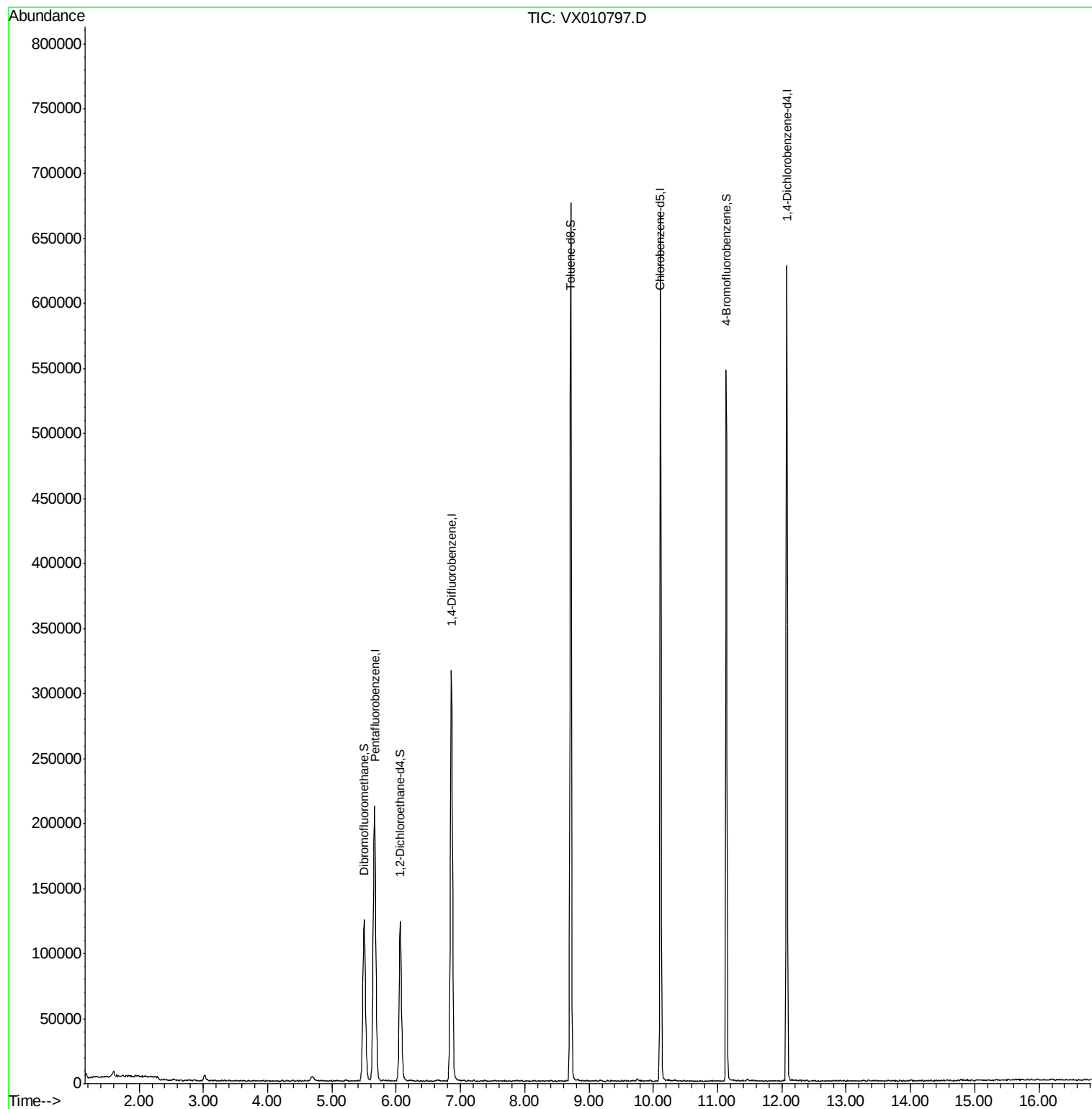
Target Compounds	Qvalue

(#) = 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: VX010797.D

Acq: 11 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

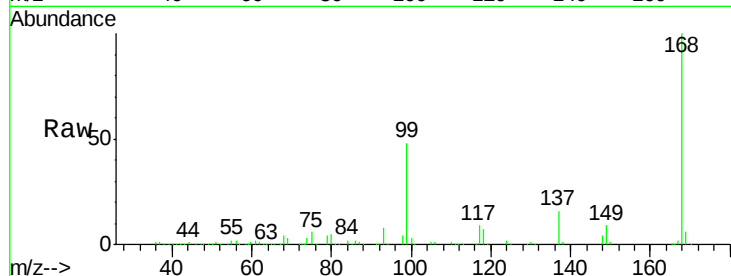
TB-20190709

Tot Ion:168 Resp: 217262

Ion Ratio Lower Upper

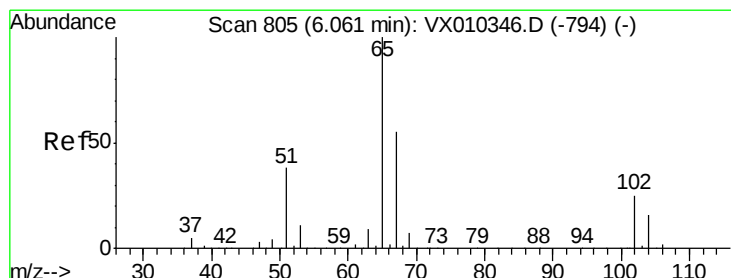
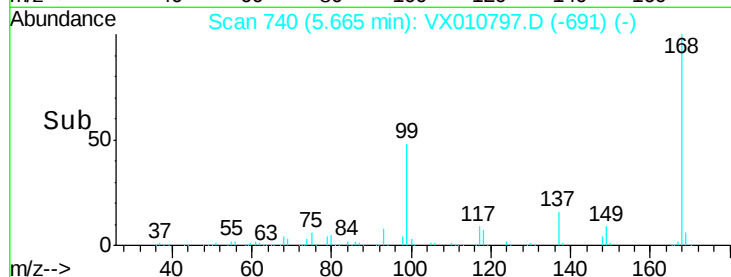
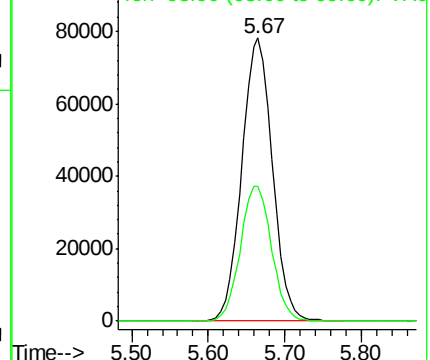
168 100

99 47.6 35.5 53.3



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: 54.780 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010797.D

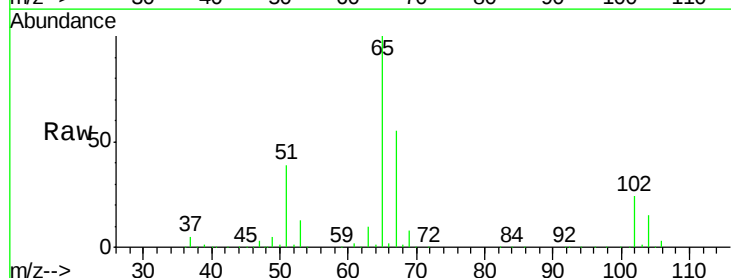
Acq: 11 Jul 2019 11:20

Tgt Ion: 65 Resp: 111590

Ion Ratio Lower Upper

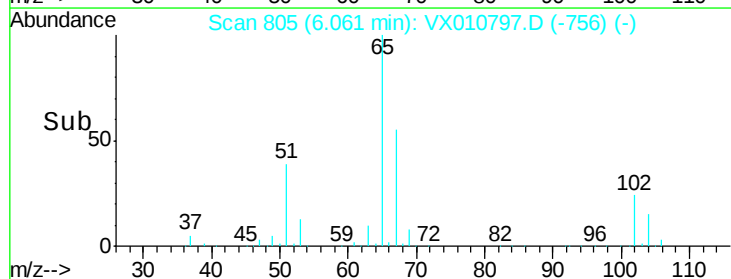
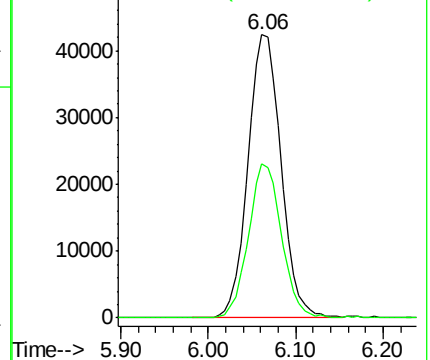
65 100

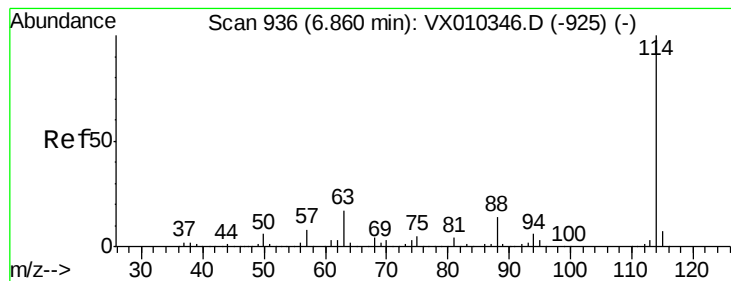
67 54.2 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010797.D

Acq: 11 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

TB-20190709

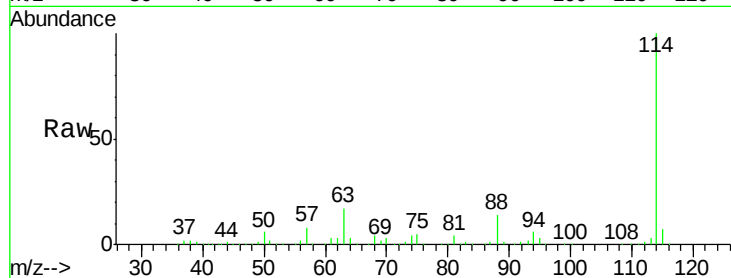
Tot Ion:114 Resp: 341647

Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.8

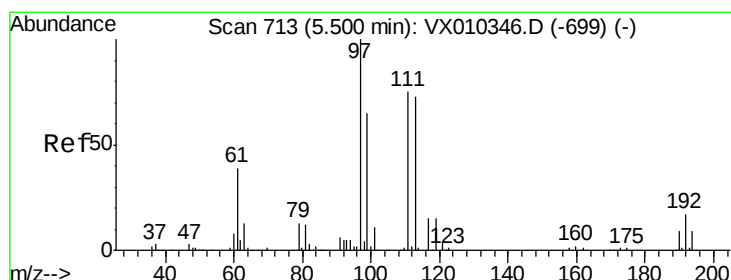
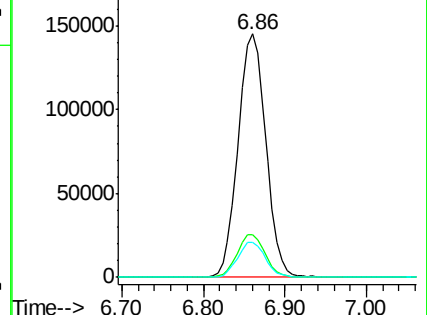
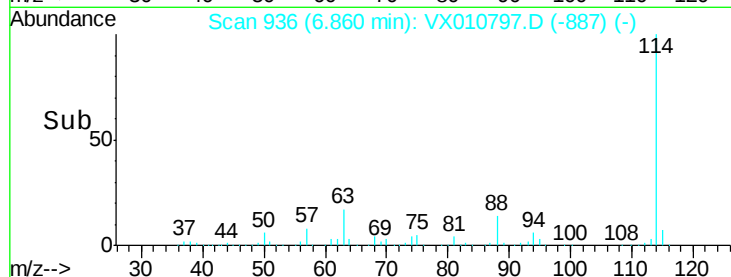
88 14.5 0.0 27.6



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: 50.149 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010797.D

Acq: 11 Jul 2019 11:20

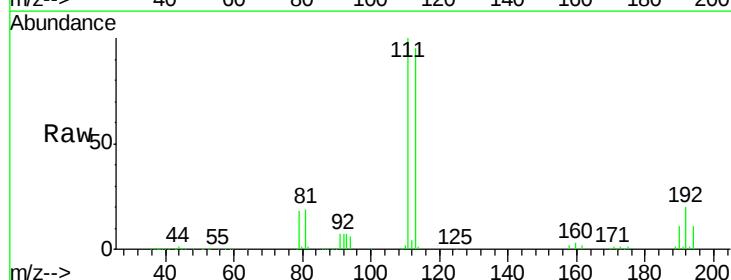
Tgt Ion:113 Resp: 104828

Ion Ratio Lower Upper

113 100

111 103.3 81.2 121.8

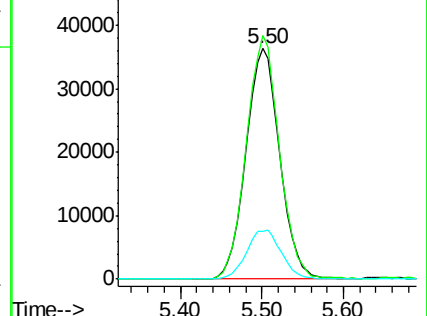
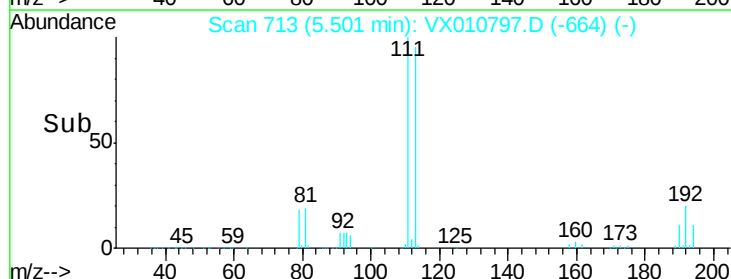
192 22.0 18.6 27.8

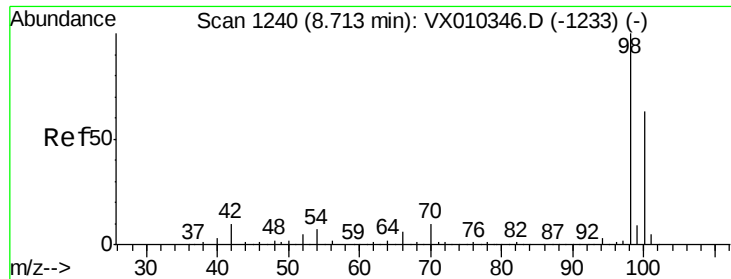


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.114 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010797.D

Acq: 11 Jul 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

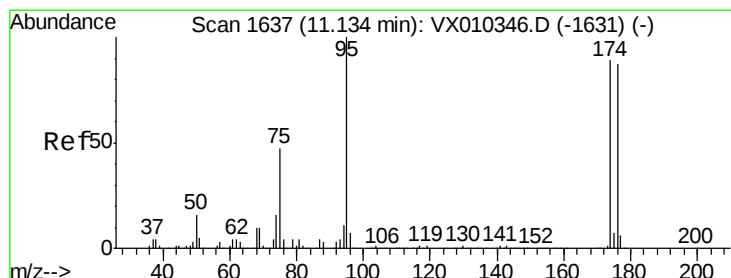
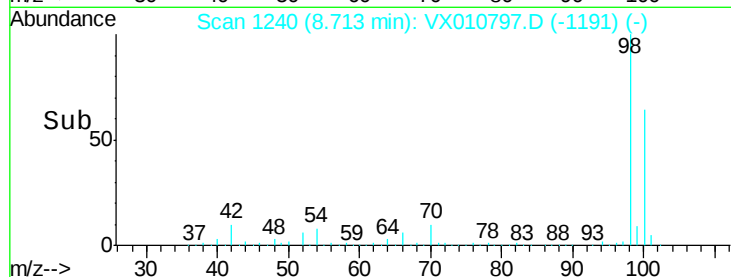
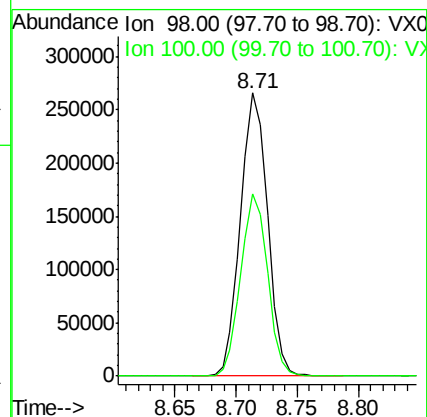
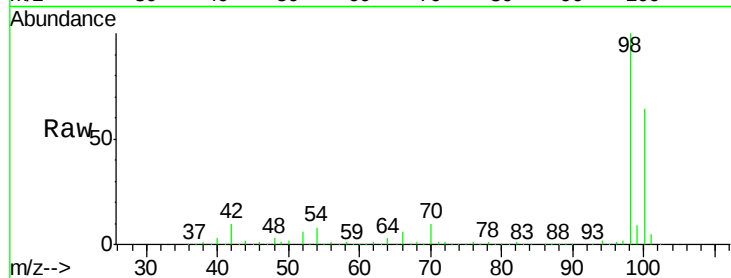
TB-20190709

Tot Ion: 98 Resp: 408764

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 46.619 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010797.D

Acq: 11 Jul 2019 11:20

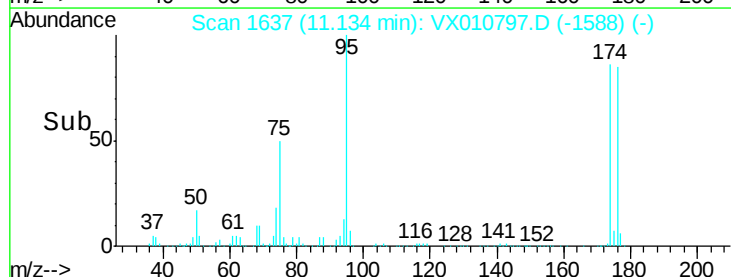
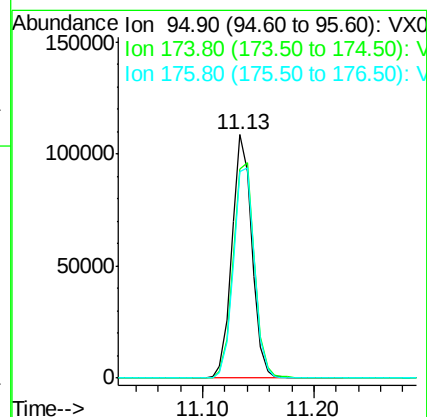
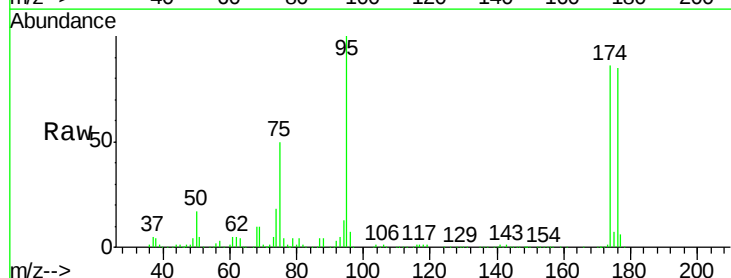
Tgt Ion: 95 Resp: 134598

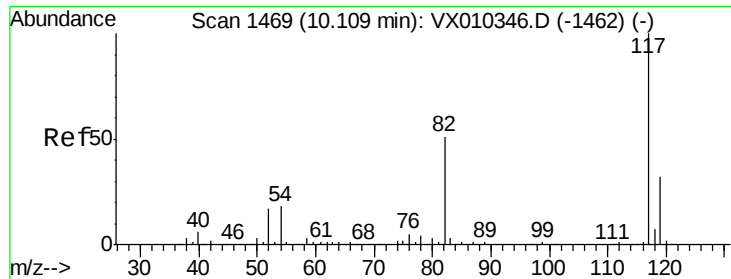
Ion Ratio Lower Upper

95 100

174 93.9 0.0 187.6

176 91.1 0.0 184.0

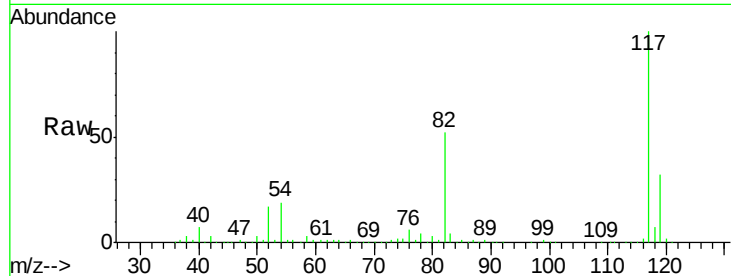




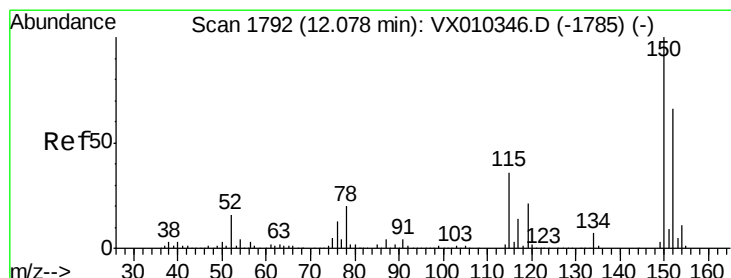
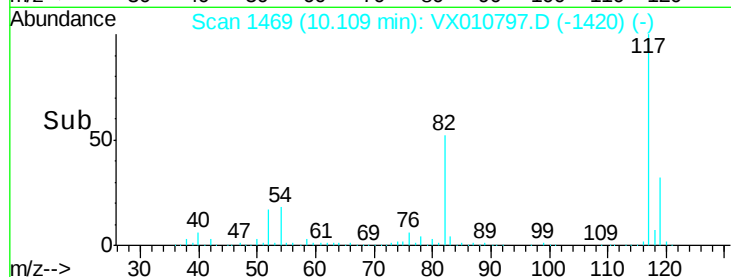
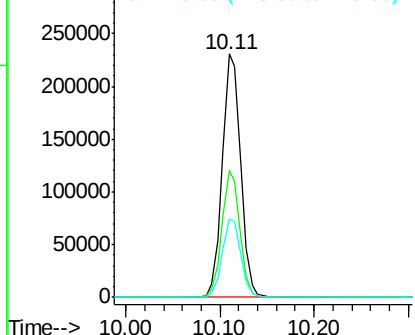
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010797.D
Acq: 11 Jul 2019 11:20

Instrument :
MSVOA_X
ClientSampled :
TB-20190709

Tot Ion:117 Resp: 310894
Ion Ratio Lower Upper
117 100
82 52.4 41.2 61.8
119 32.2 25.5 38.3

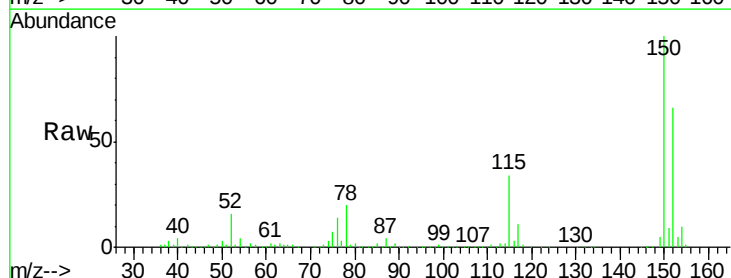


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010797.D
Acq: 11 Jul 2019 11:20

Tgt Ion:152 Resp: 140534
Ion Ratio Lower Upper
152 100
115 54.2 38.6 115.7
150 155.8 0.0 347.4



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

