

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
 Data File : VX011680.D
 Acq On : 20 Aug 2019 13:28
 Operator : JC/SP
 Sample : K4409-20RE
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-081919RE

Quant Time: Aug 20 14:45:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	404202	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.85	114	572886	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	492091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	259366	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	177821	47.44	ug/l	0.02
Spiked Amount	50.000		Recovery	=	94.88%	
35) Dibromofluoromethane	5.52	113	105640	28.19	ug/l	0.02
Spiked Amount	50.000		Recovery	=	56.38%	
50) Toluene-d8	8.71	98	630953	54.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.08%	
62) 4-Bromofluorobenzene	11.14	95	232256	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	

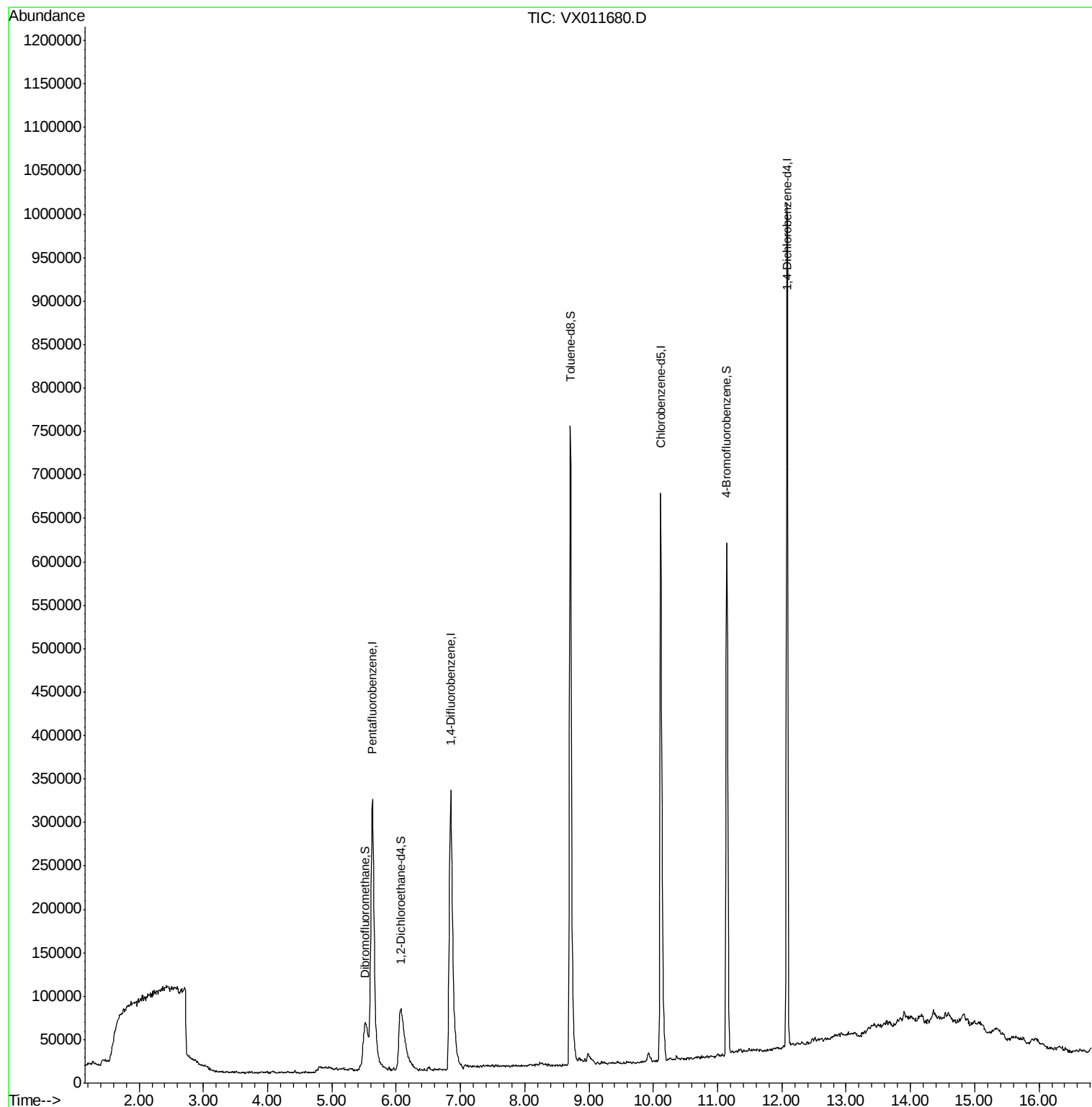
Target Compounds	Qvalue

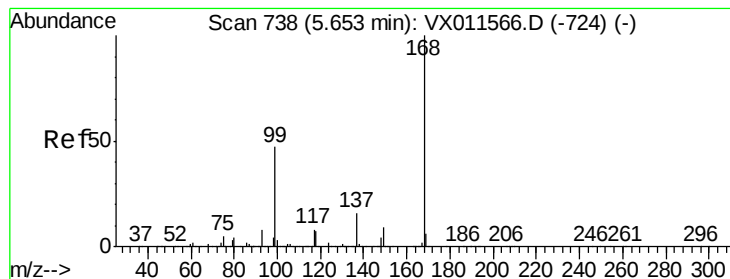
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 734

Delta R.T. -0.02 min

Lab File: VX011680.D

Acq: 20 Aug 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

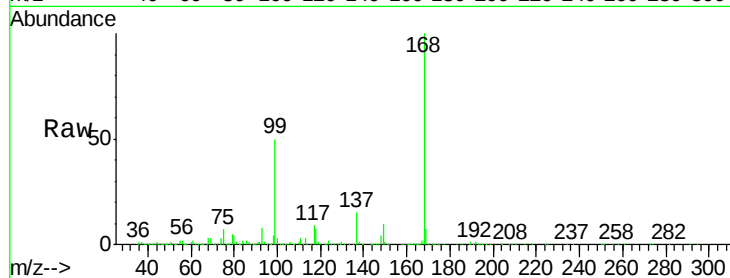
TB01-081919RE

Tot Ion:168 Resp: 404202

Ion Ratio Lower Upper

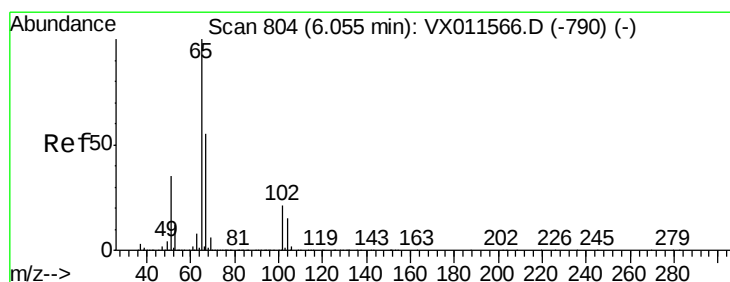
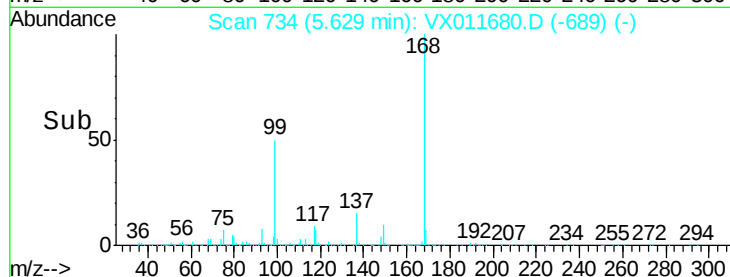
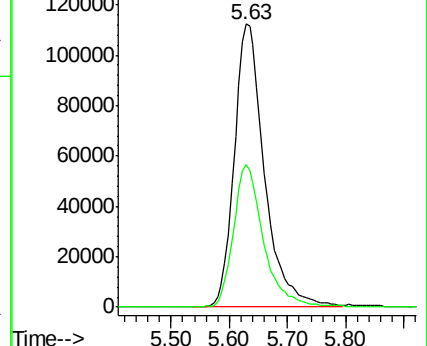
168 100

99 50.2 37.3 55.9



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: 47.439 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.02 min

Lab File: VX011680.D

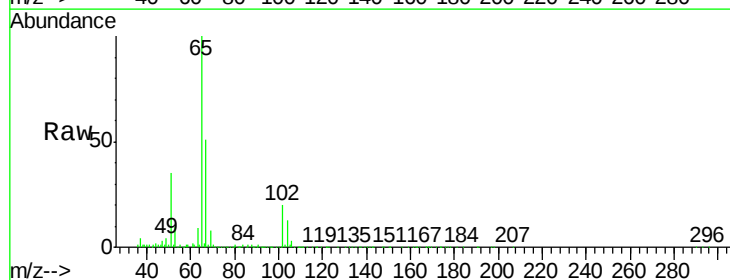
Acq: 20 Aug 2019 13:28

Tgt Ion: 65 Resp: 177821

Ion Ratio Lower Upper

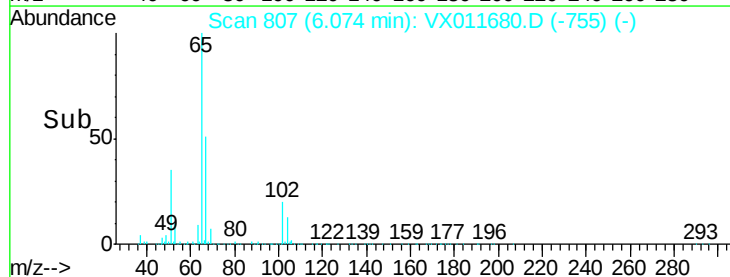
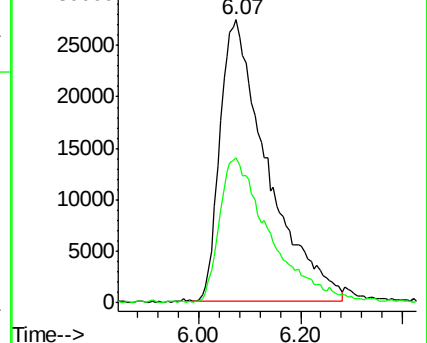
65 100

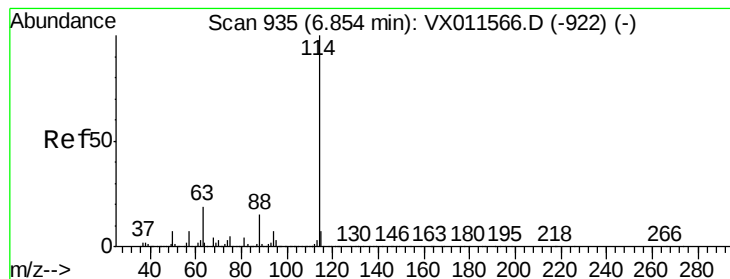
67 52.1 0.0 107.6



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: 6.85 min Scan# 934

Delta R.T. -0.01 min

Lab File: VX011680.D

Acq: 20 Aug 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

TB01-081919RE

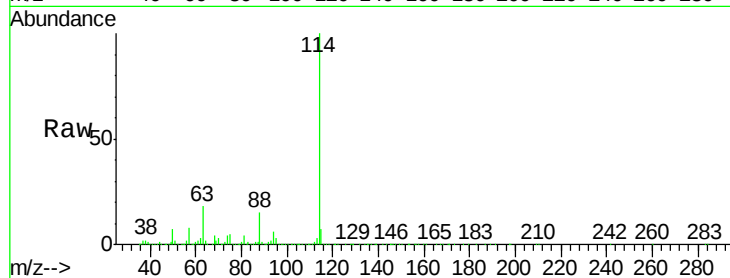
Tot Ion:114 Resp: 572886

Ion Ratio Lower Upper

114 100

63 18.2 0.0 37.8

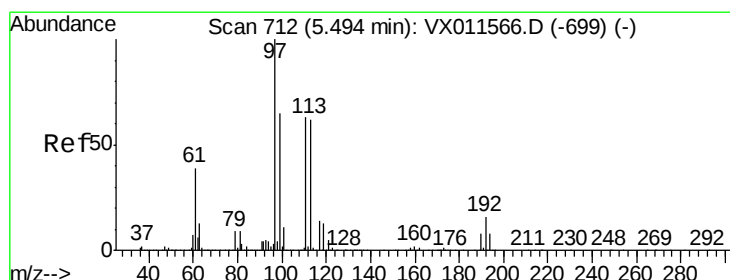
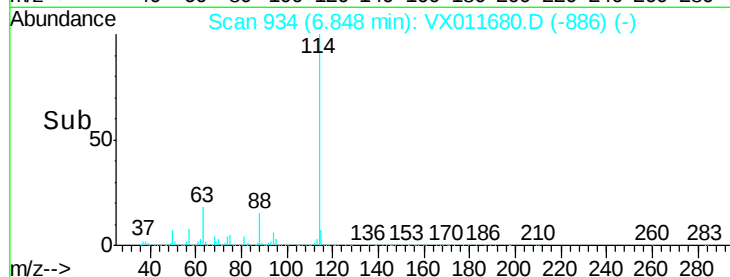
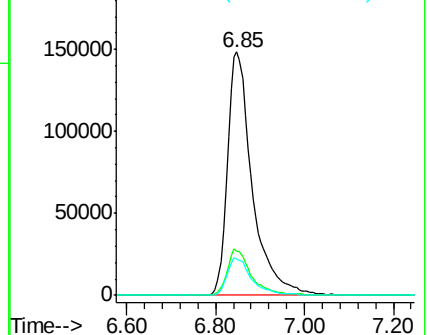
88 15.0 0.0 30.2



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: 28.193 ug/l

RT: 5.52 min Scan# 716

Delta R.T. 0.02 min

Lab File: VX011680.D

Acq: 20 Aug 2019 13:28

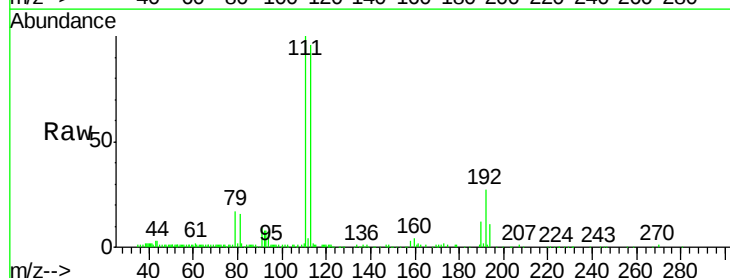
Tgt Ion:113 Resp: 105640

Ion Ratio Lower Upper

113 100

111 104.3 81.1 121.7

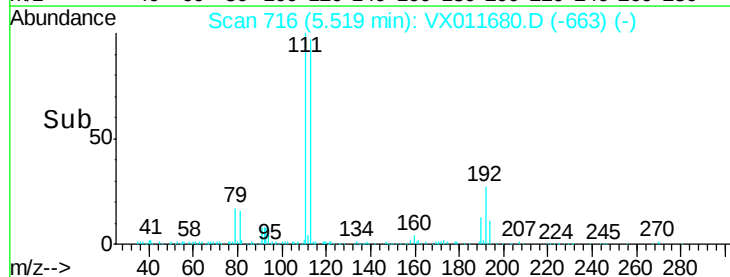
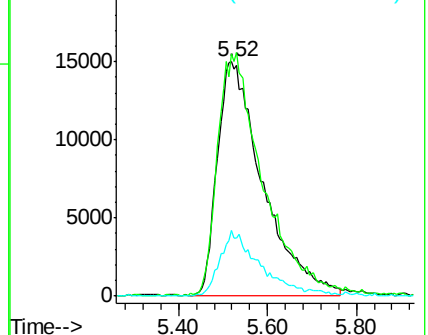
192 24.0 20.8 31.2

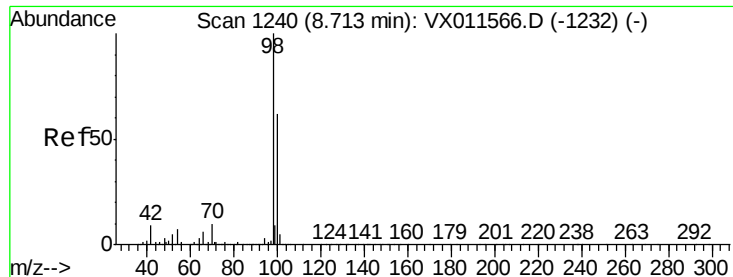


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.042 ug/l

RT: 8.71 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VX011680.D

Acq: 20 Aug 2019 13:28

Instrument :

MSVOA_X

ClientSampleId :

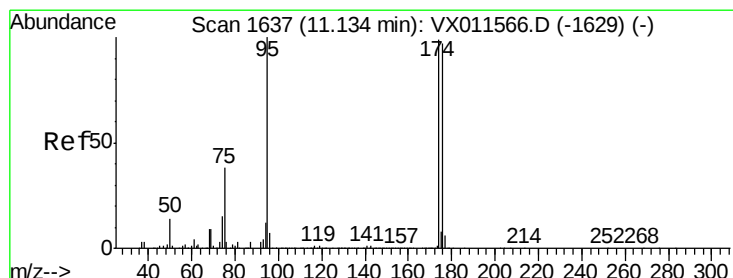
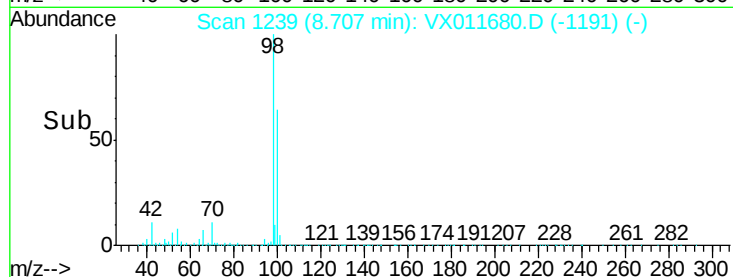
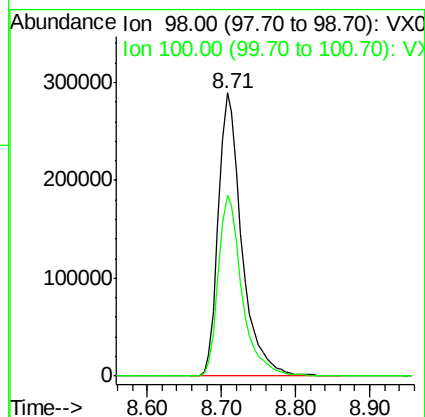
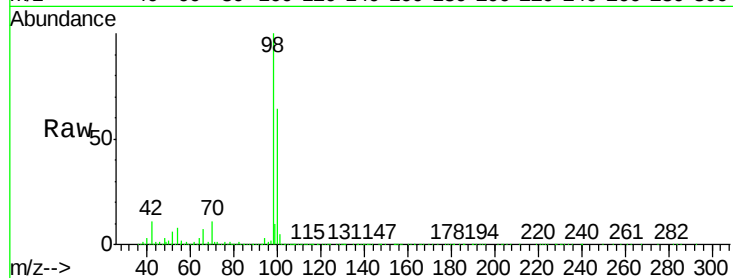
TB01-081919RE

Tot Ion: 98 Resp: 630953

Ion Ratio Lower Upper

98 100

100 64.4 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 47.130 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX011680.D

Acq: 20 Aug 2019 13:28

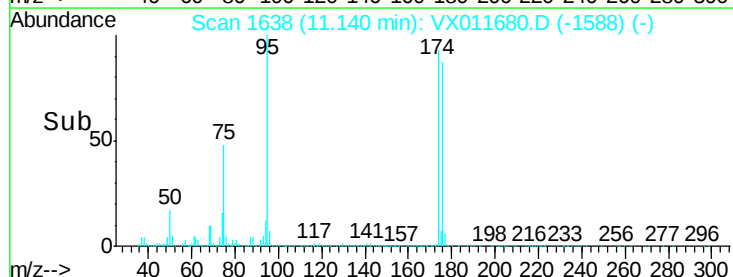
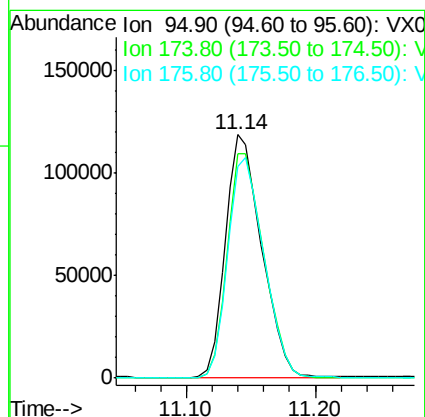
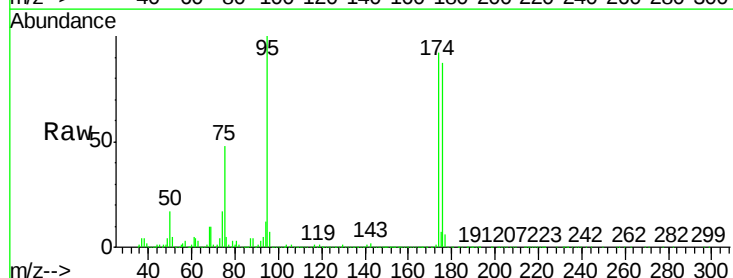
Tgt Ion: 95 Resp: 232256

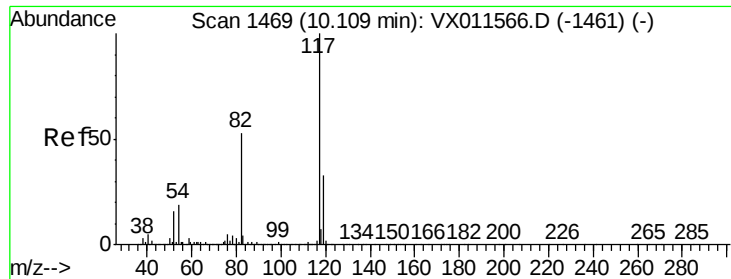
Ion Ratio Lower Upper

95 100

174 94.0 0.0 200.6

176 91.6 0.0 196.6

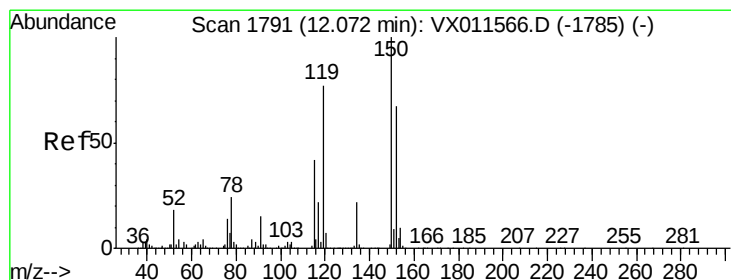
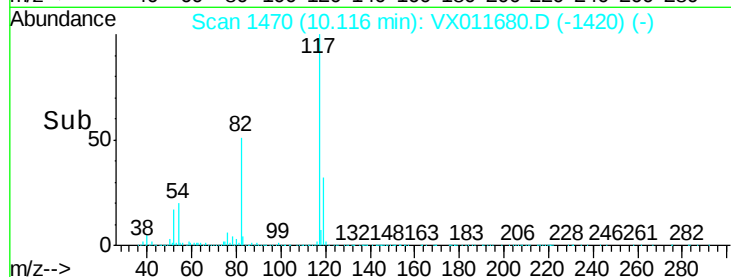
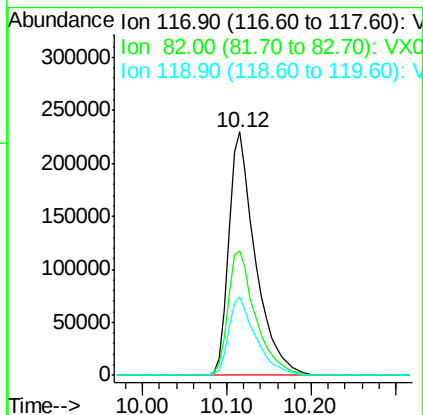
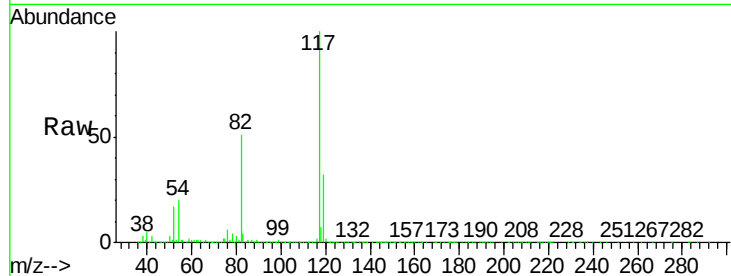




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX011680.D
Acq: 20 Aug 2019 13:28

Instrument :
MSVOA_X
ClientSampleId :
TB01-081919RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	42.0	63.0
119	32.3	26.5	39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX011680.D
Acq: 20 Aug 2019 13:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.5	37.3	111.9
150	157.1	0.0	346.2

