

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121819\
 Data File : VX014096.D
 Acq On : 18 Dec 2019 15:01
 Operator : JC/SP
 Sample : K6365-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-191217

Quant Time: Dec 19 03:15:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	551570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	843715	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	764124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	327231	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	308066	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
35) Dibromofluoromethane	5.49	113	253072	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
50) Toluene-d8	8.71	98	1007972	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.13	95	338072	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	

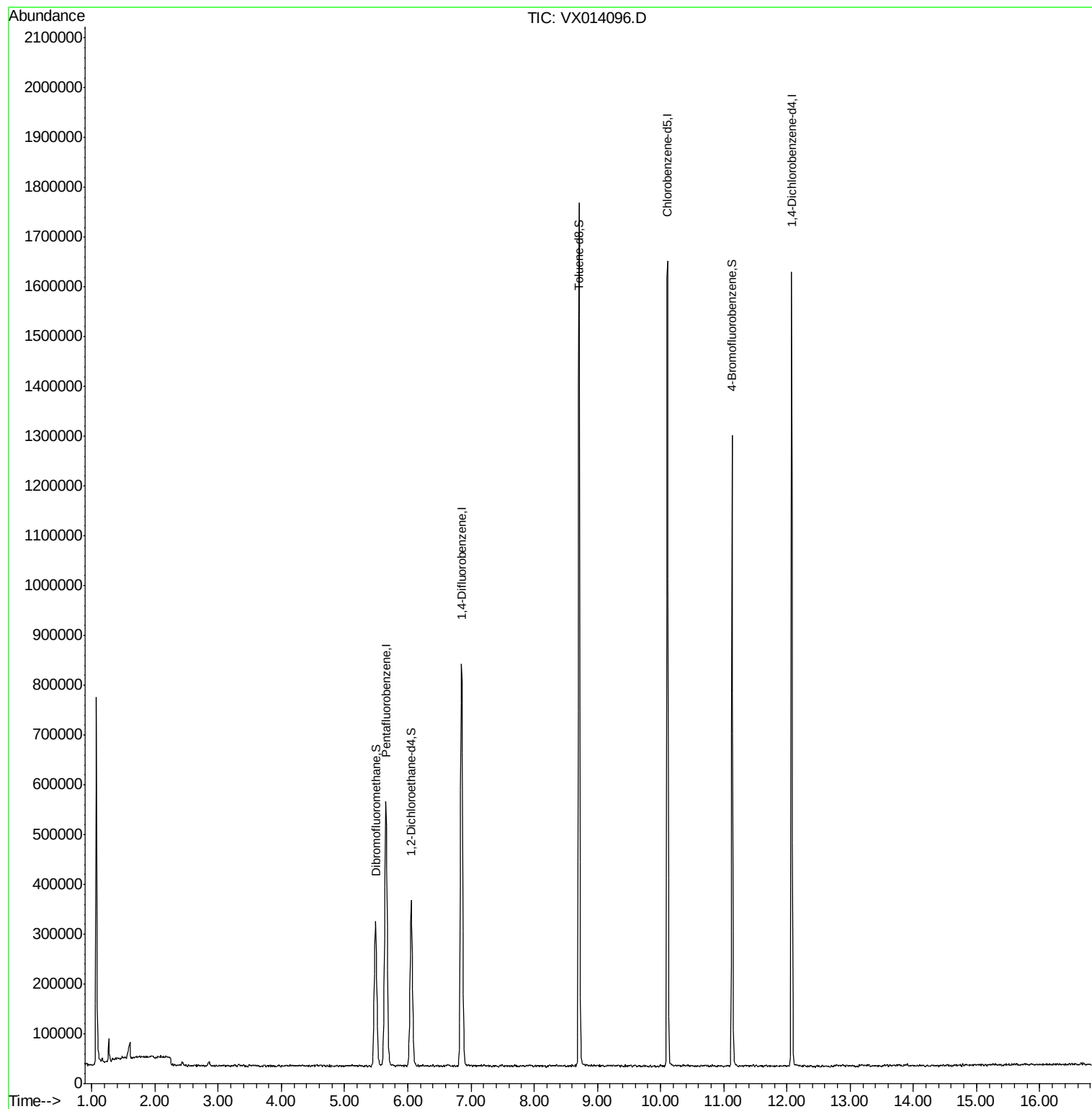
Target Compounds	Qvalue

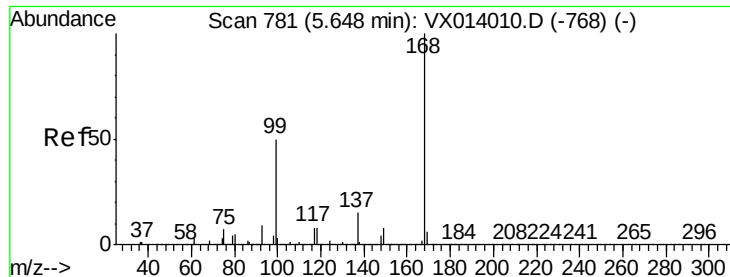
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014096.D

Acq: 18 Dec 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

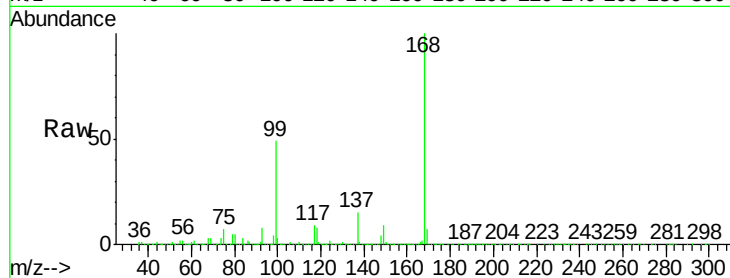
TB-01-191217

Tot Ion:168 Resp: 551570

Ion Ratio Lower Upper

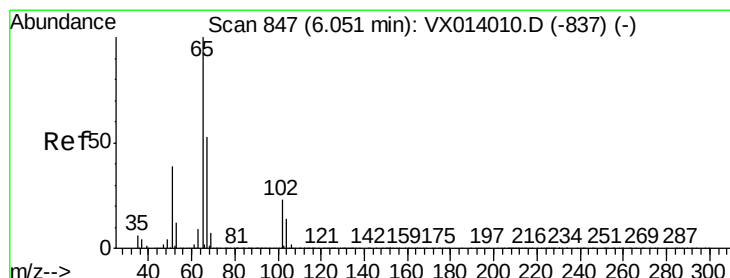
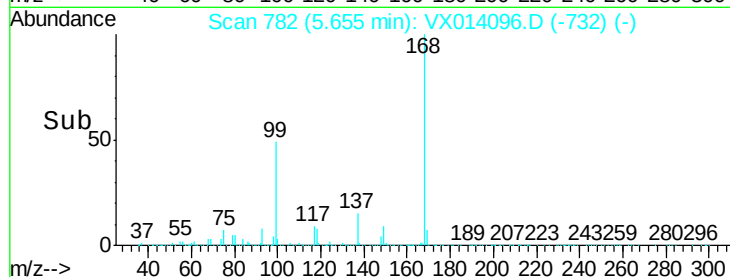
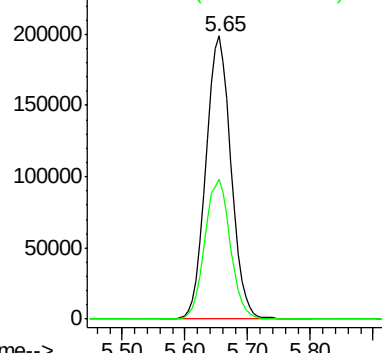
168 100

99 49.3 40.3 60.5



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: 49.280 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014096.D

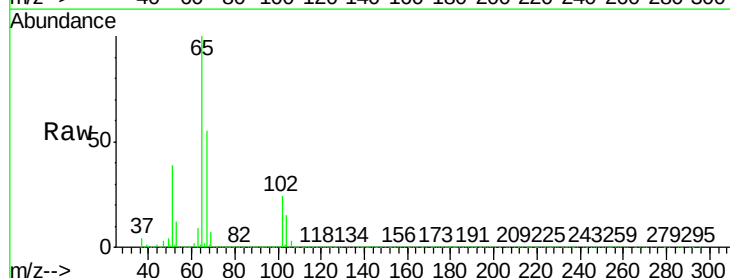
Acq: 18 Dec 2019 15:01

Tgt Ion: 65 Resp: 308066

Ion Ratio Lower Upper

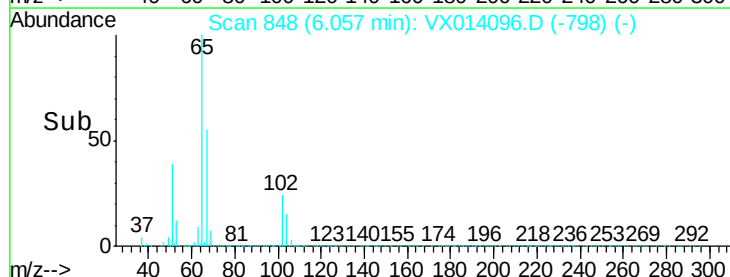
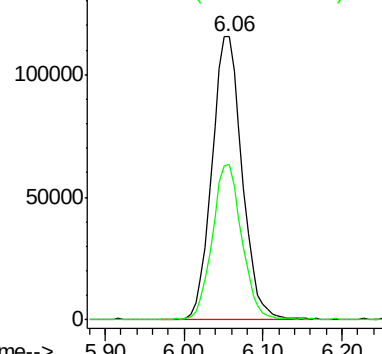
65 100

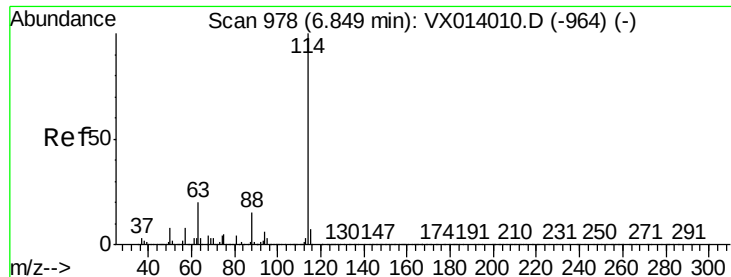
67 53.8 0.0 106.4



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# 978

Delta R.T. 0.00 min

Lab File: VX014096.D

Acq: 18 Dec 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

TB-01-191217

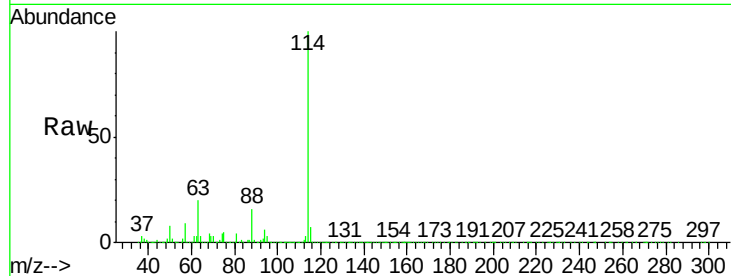
Tot Ion:114 Resp: 843715

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

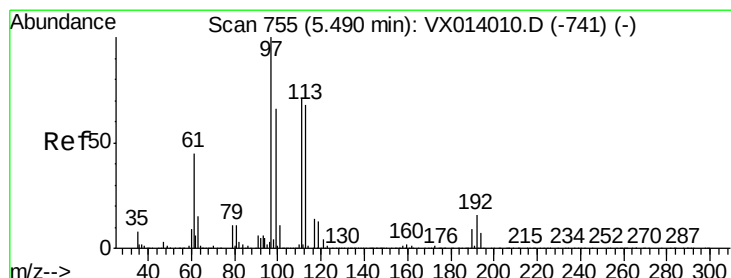
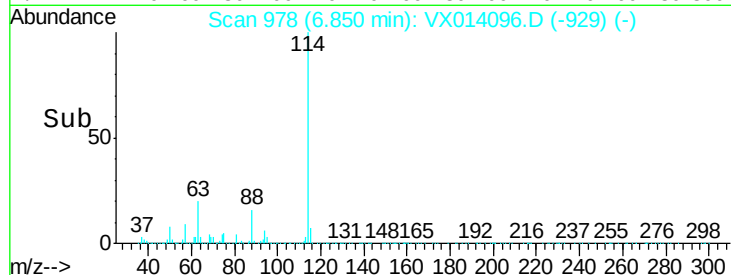
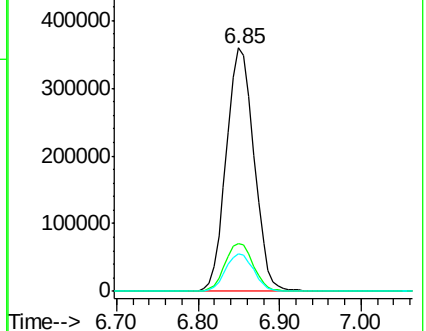
88 15.5 0.0 30.4



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: 49.343 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014096.D

Acq: 18 Dec 2019 15:01

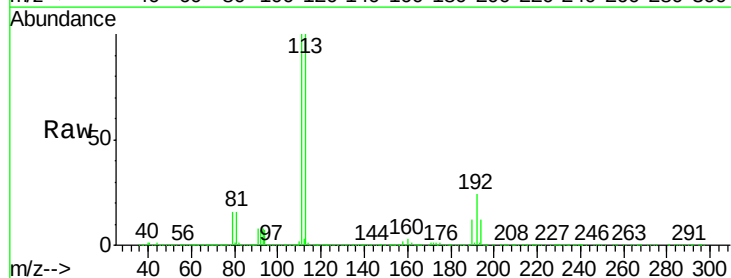
Tgt Ion:113 Resp: 253072

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

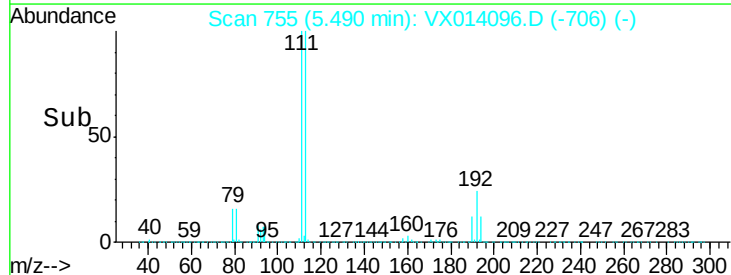
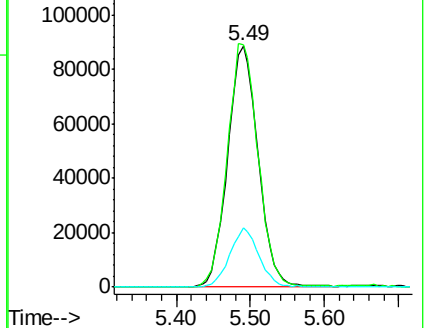
192 23.9 19.3 28.9

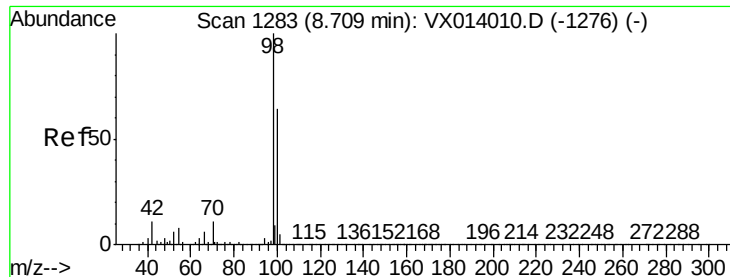


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.480 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014096.D

Acq: 18 Dec 2019 15:01

Instrument :

MSVOA_X

ClientSampleId :

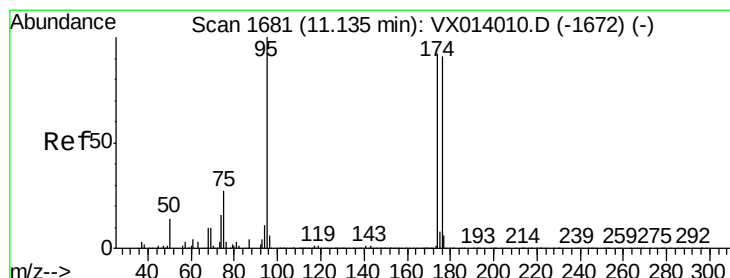
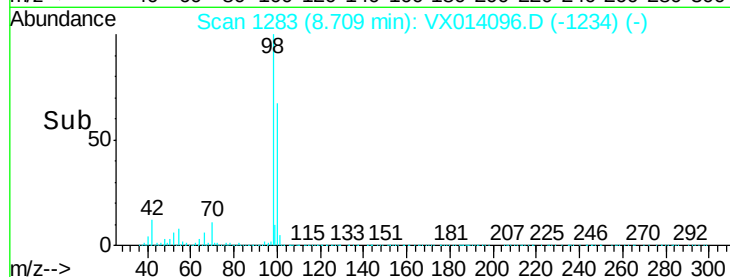
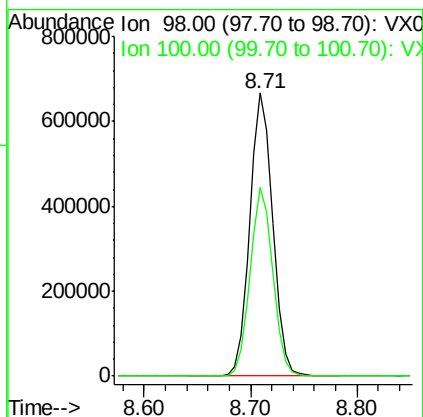
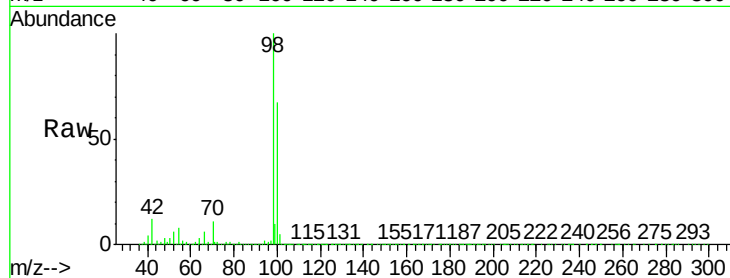
TB-01-191217

Tot Ion: 98 Resp: 1007972

Ion Ratio Lower Upper

98 100

100 66.3 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 46.317 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014096.D

Acq: 18 Dec 2019 15:01

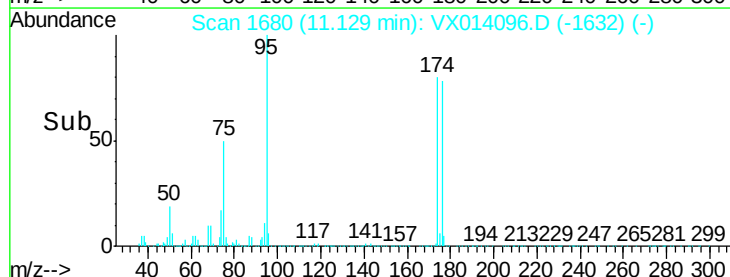
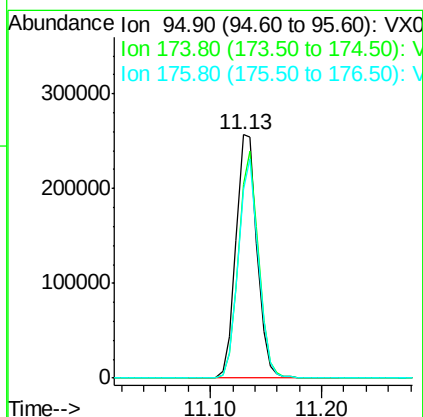
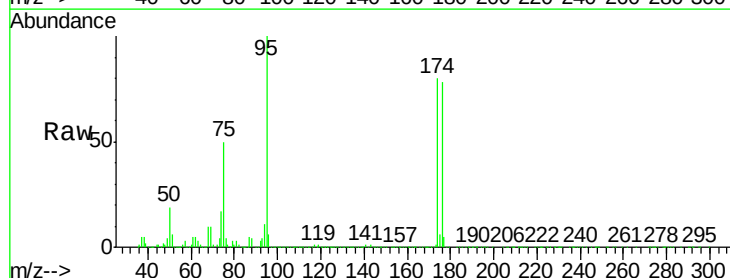
Tgt Ion: 95 Resp: 338072

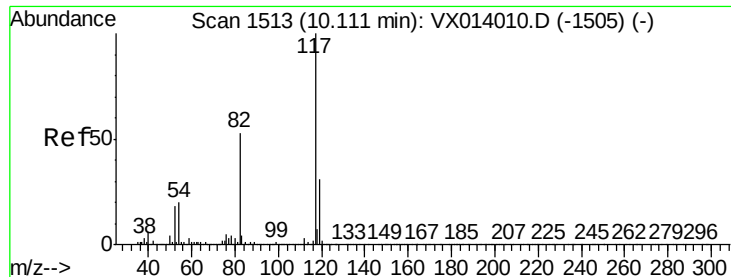
Ion Ratio Lower Upper

95 100

174 88.4 0.0 175.8

176 85.8 0.0 173.0

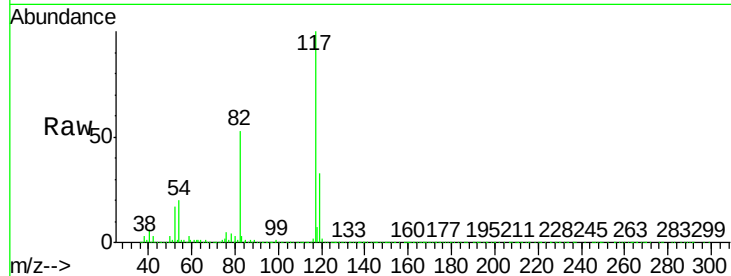




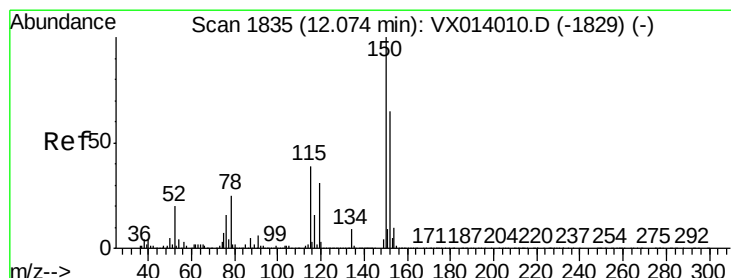
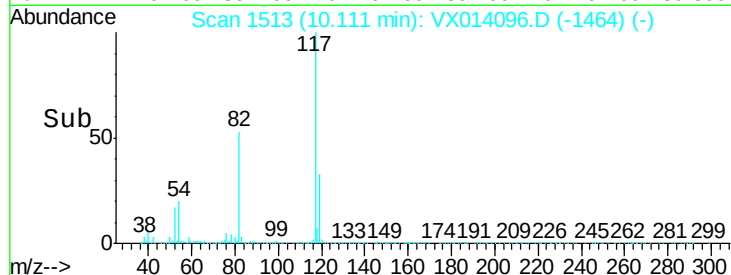
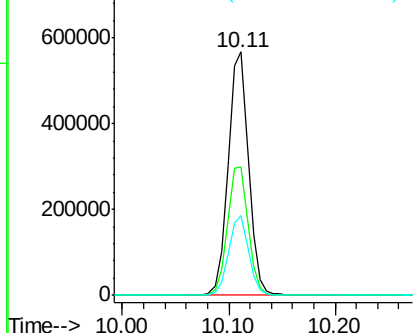
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014096.D
Acq: 18 Dec 2019 15:01

Instrument :
MSVOA_X
ClientSampleId :
TB-01-191217

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.2	63.4
119	32.9	25.1	37.7

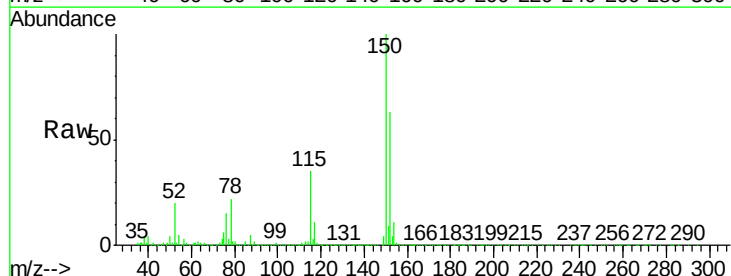


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014096.D
Acq: 18 Dec 2019 15:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	38.3	114.9
150	159.2	0.0	345.4



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

