

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012820\
 Data File : VX014756.D
 Acq On : 28 Jan 2020 17:26
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jan 29 00:46:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	444119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	700983	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	639648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	297092	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	253064	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
35) Dibromofluoromethane	5.49	113	210278	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
50) Toluene-d8	8.71	98	828155	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
62) 4-Bromofluorobenzene	11.13	95	288406	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	

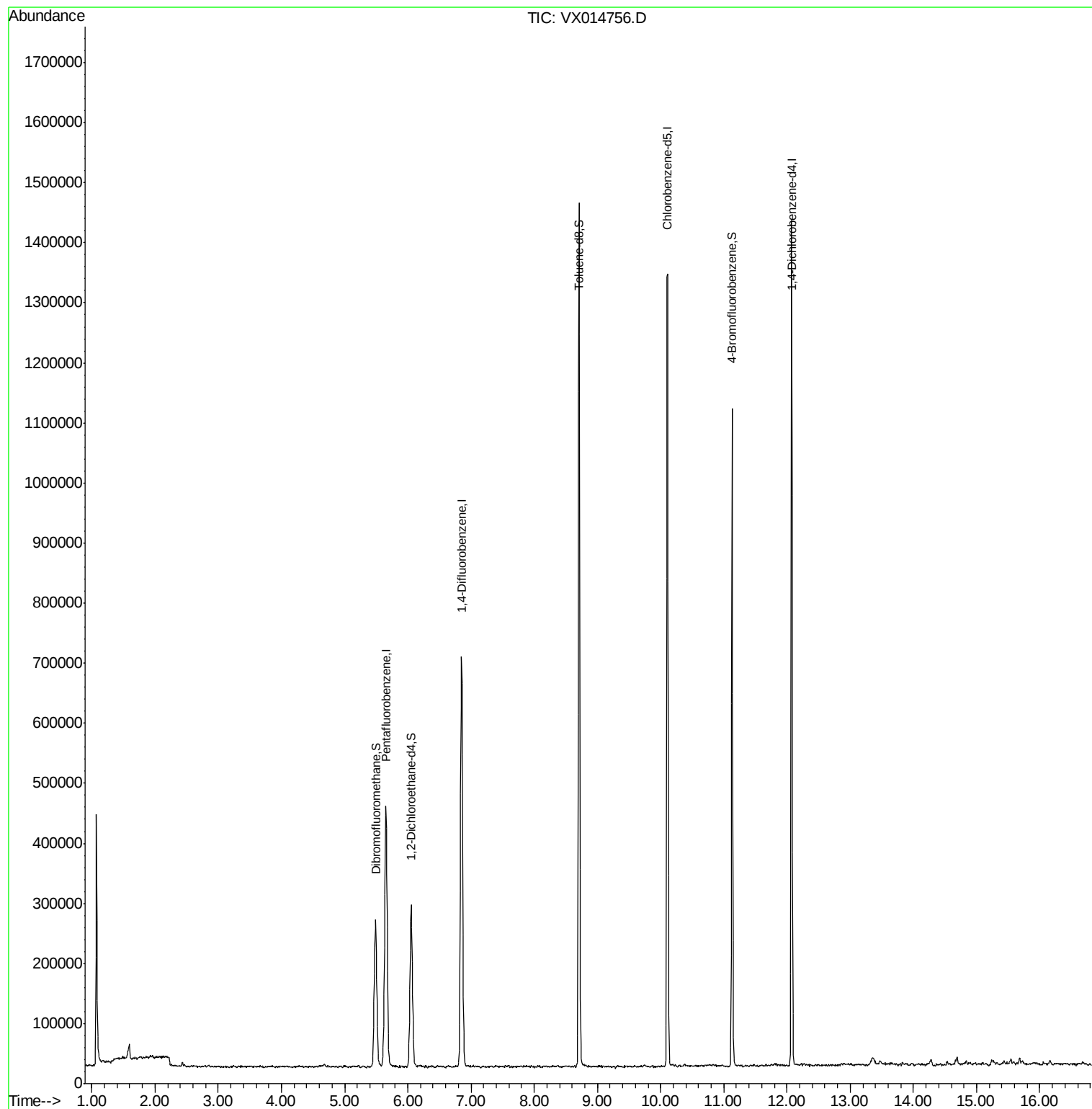
Target Compounds	Qvalue

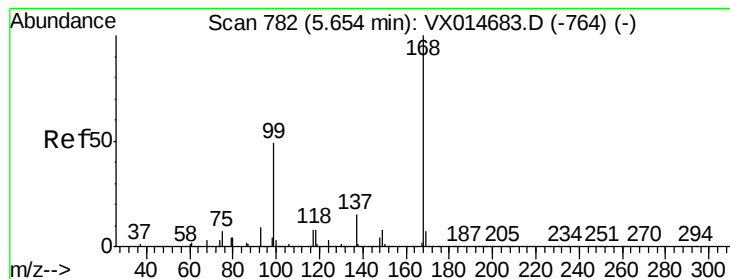
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014756.D

Acq: 28 Jan 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

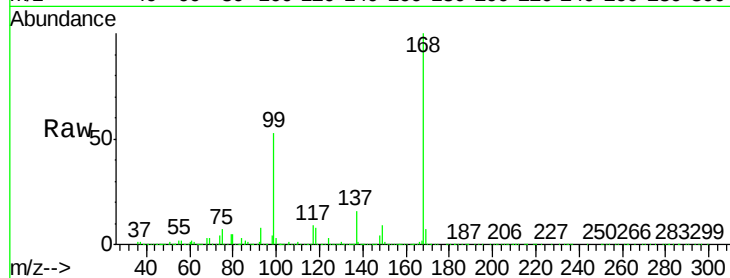
IBLK

Tot Ion:168 Resp: 444119

Ion Ratio Lower Upper

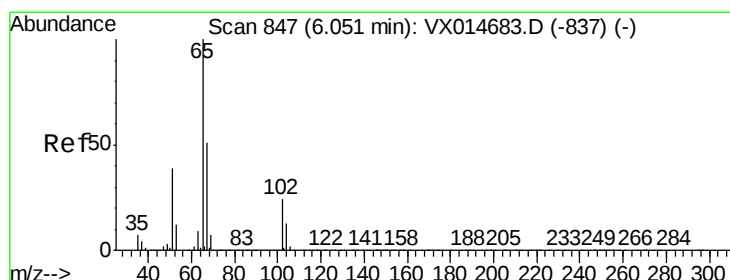
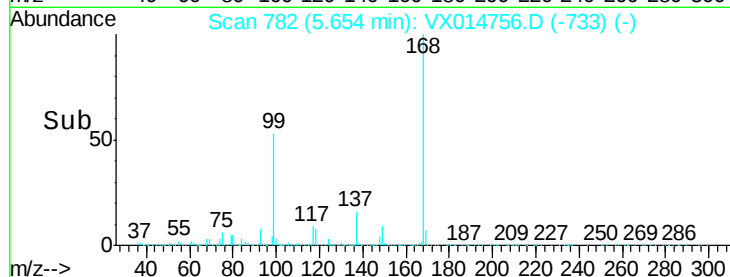
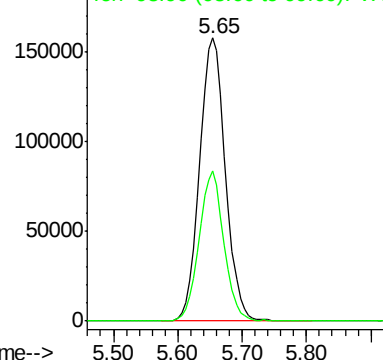
168 100

99 53.1 39.8 59.6



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: 48.795 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014756.D

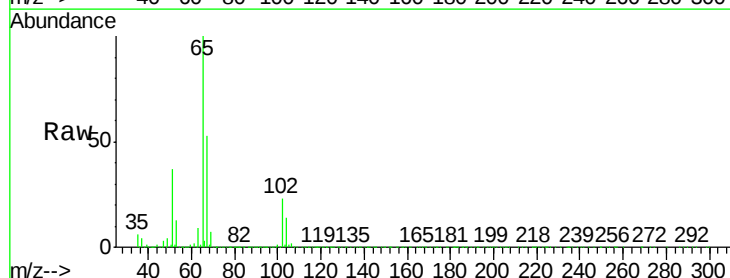
Acq: 28 Jan 2020 17:26

Tgt Ion: 65 Resp: 253064

Ion Ratio Lower Upper

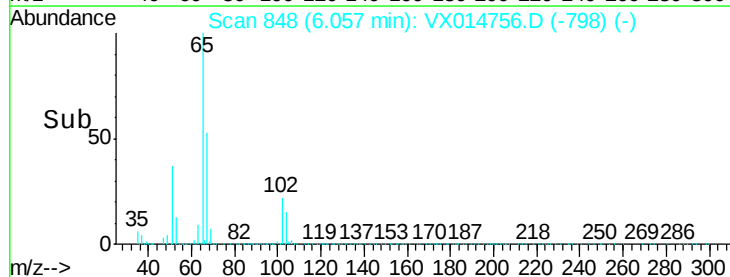
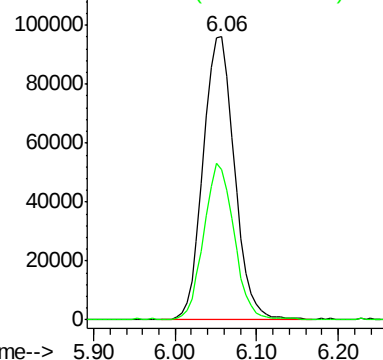
65 100

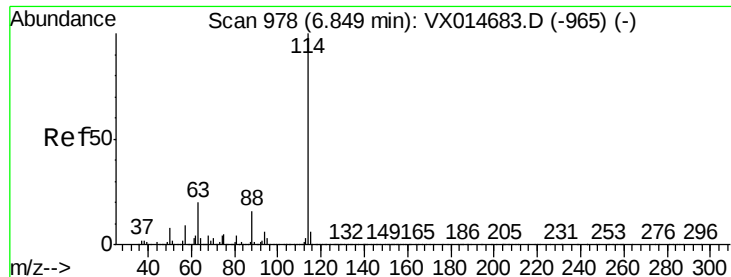
67 53.4 0.0 107.4



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: VX014756.D

Acq: 28 Jan 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

IBLK

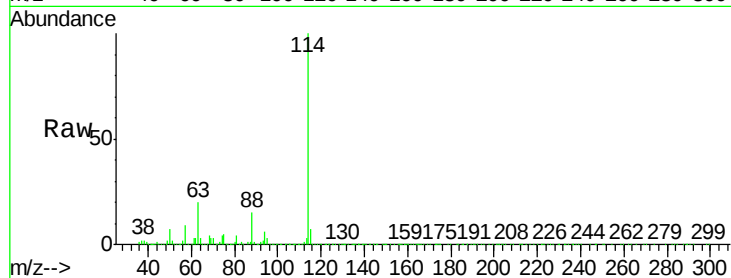
Tot Ion:114 Resp: 700983

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.6

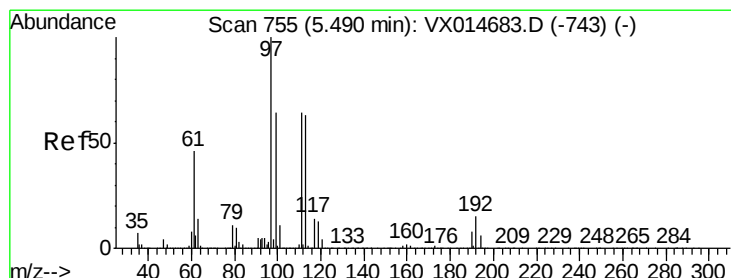
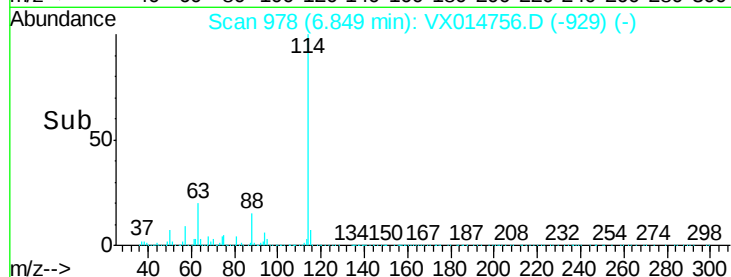
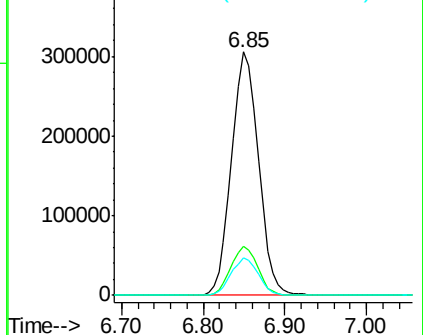
88 15.2 0.0 31.2



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: 47.540 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014756.D

Acq: 28 Jan 2020 17:26

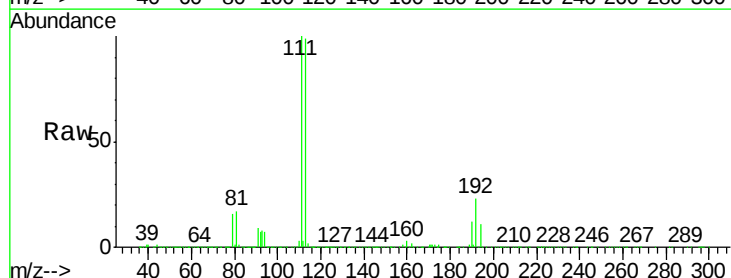
Tgt Ion:113 Resp: 210278

Ion Ratio Lower Upper

113 100

111 102.6 80.7 121.1

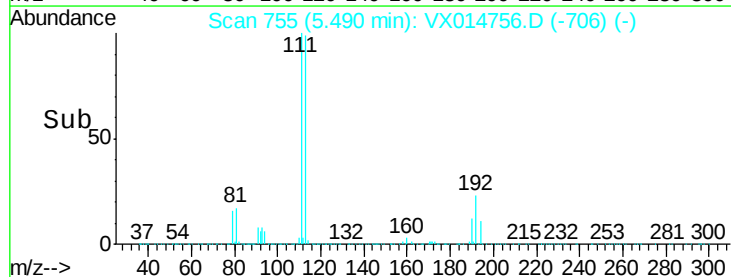
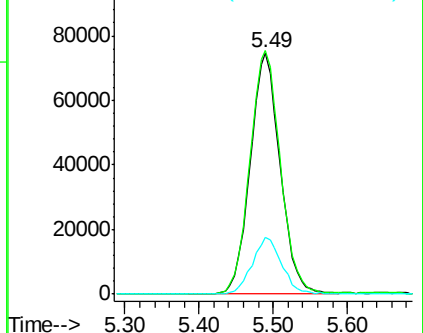
192 23.2 18.5 27.7

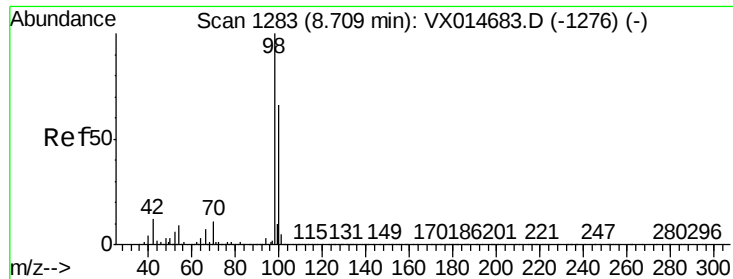


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

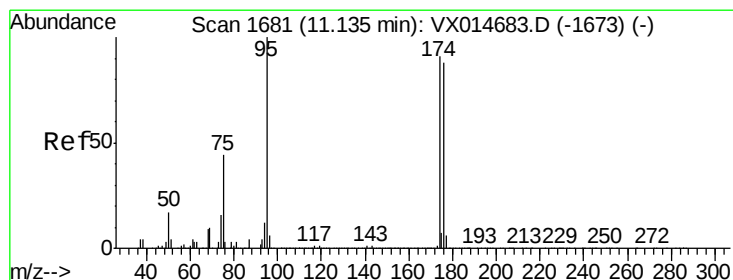
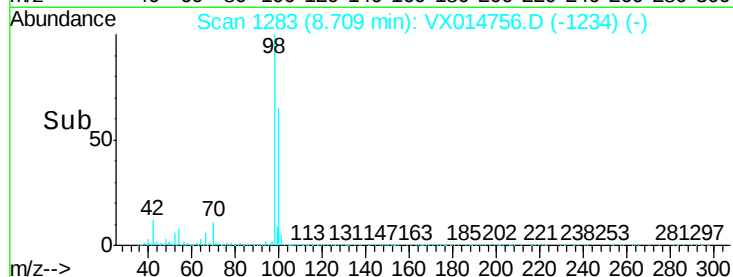
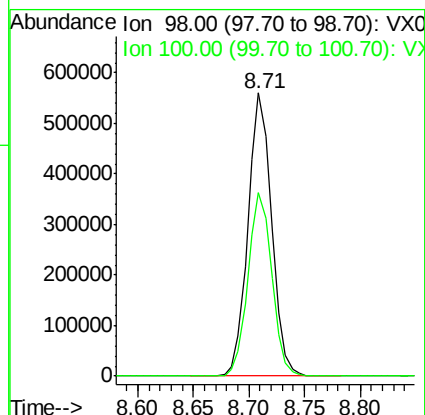
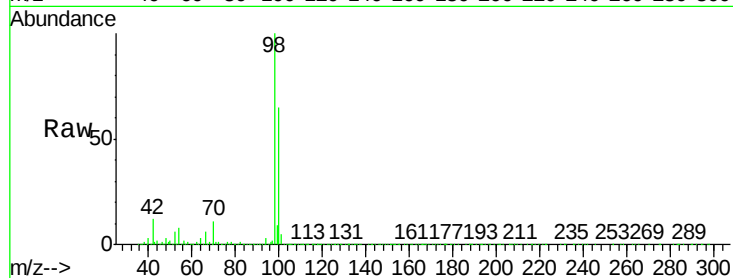




#50
Toluene-d8
Concen: 48.702 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014756.D
Acq: 28 Jan 2020 17:26

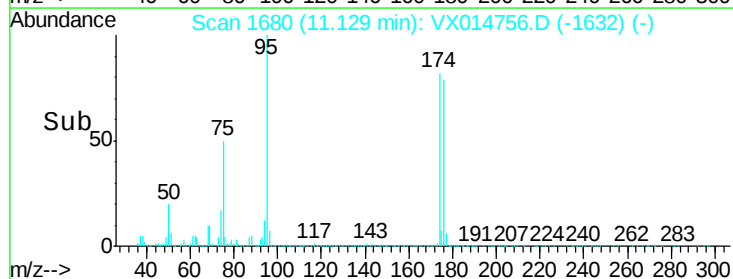
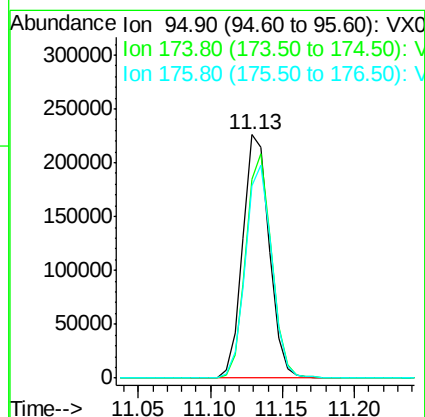
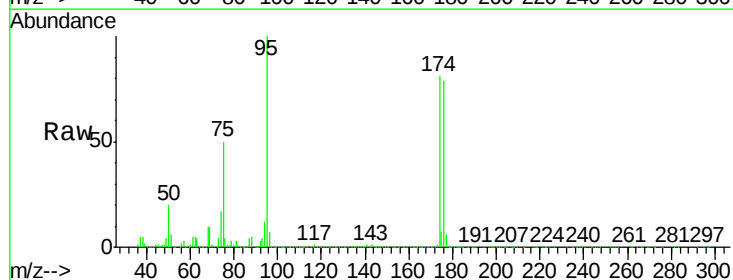
Instrument :
MSVOA_X
ClientSampleId :
IBLK

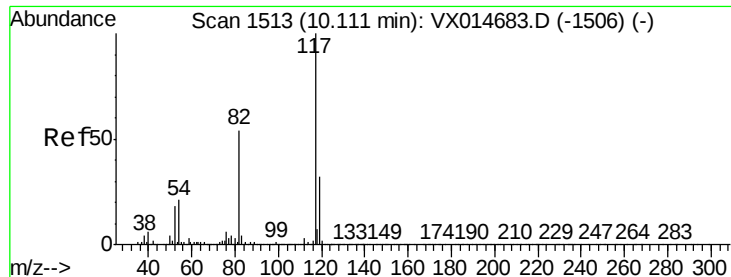
Tot Ion: 98 Resp: 828155
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 47.613 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014756.D
Acq: 28 Jan 2020 17:26

Tgt Ion: 95 Resp: 288406
Ion Ratio Lower Upper
95 100
174 89.6 0.0 176.0
176 86.7 0.0 172.2

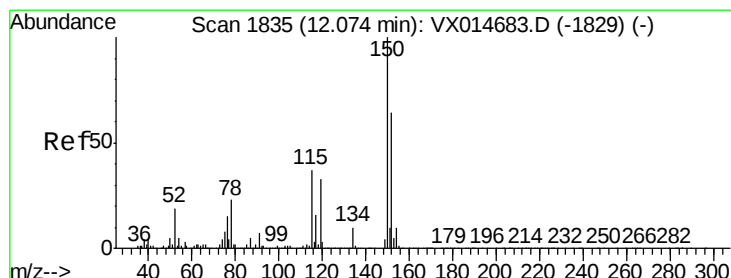
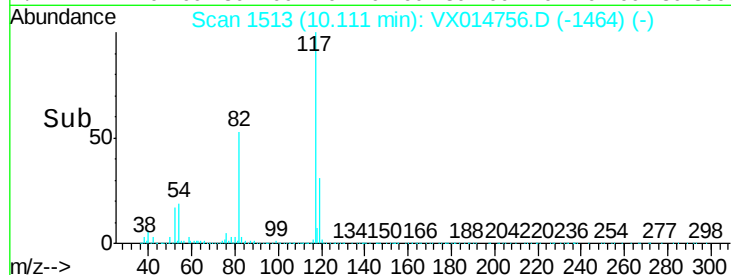
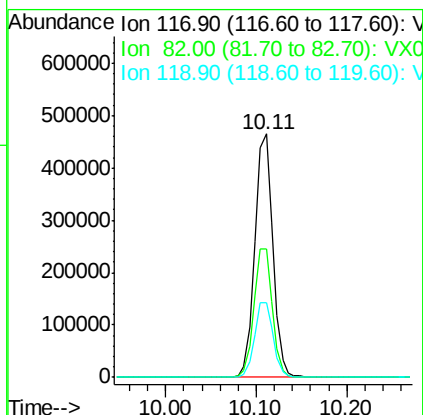
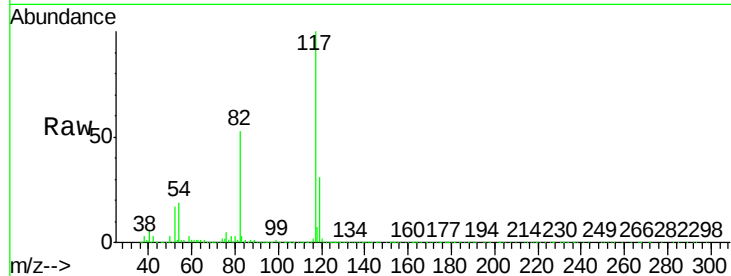




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014756.D
Acq: 28 Jan 2020 17:26

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tot Ion:117 Resp: 639648
Ion Ratio Lower Upper
117 100
82 52.8 43.2 64.8
119 30.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014756.D
Acq: 28 Jan 2020 17:26

Tgt Ion:152 Resp: 297092
Ion Ratio Lower Upper
152 100
115 54.9 39.4 118.1
150 156.9 0.0 351.2

