

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020420\
 Data File : VX014801.D
 Acq On : 04 Feb 2020 11:42
 Operator : JC/SP
 Sample : VX0204WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0204WBL01

Quant Time: Feb 05 03:40:29 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	444974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	697065	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	634649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	286169	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	259739	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
35) Dibromofluoromethane	5.48	113	219650	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	8.71	98	829576	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
62) 4-Bromofluorobenzene	11.13	95	276904	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	

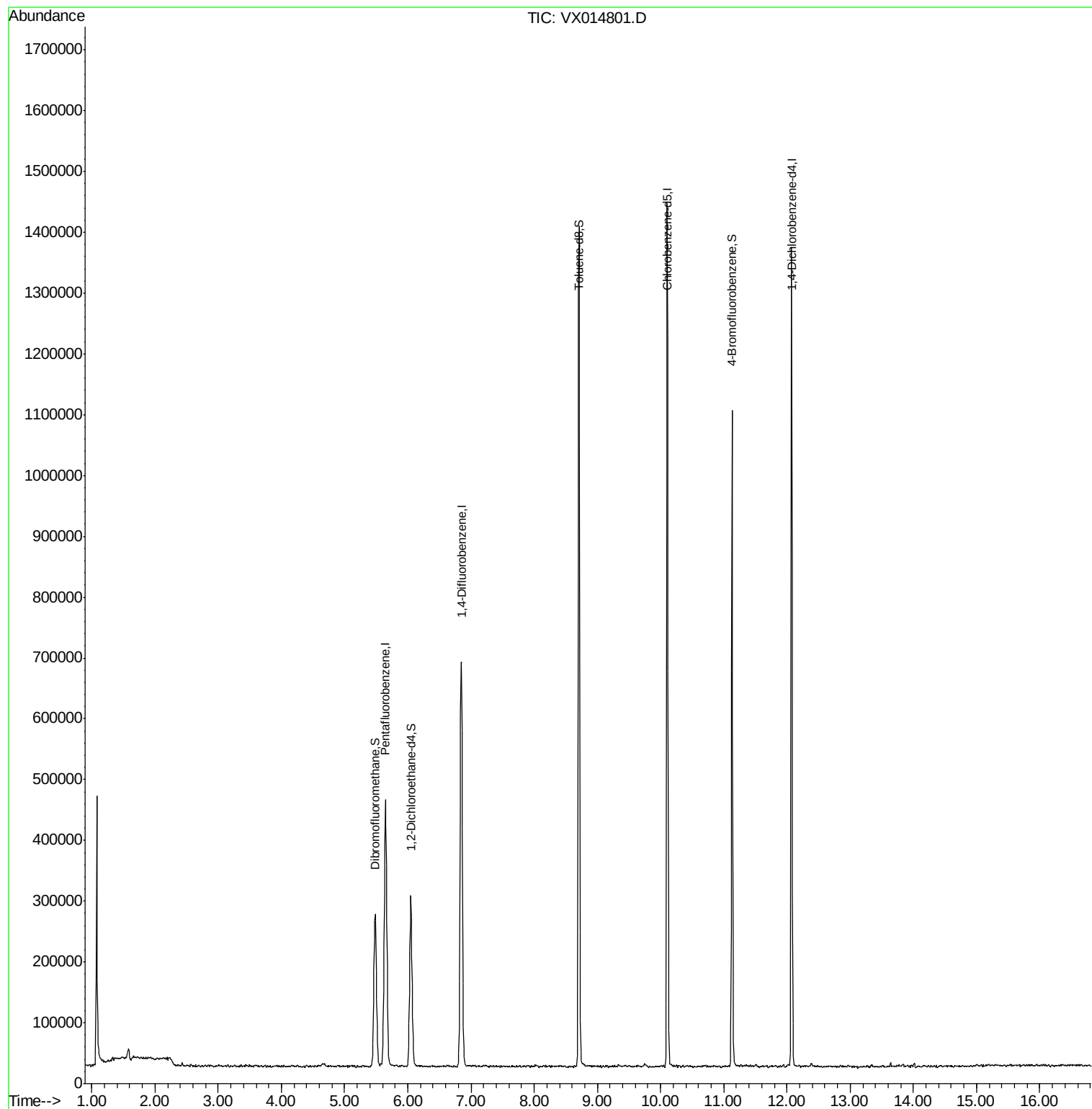
Target Compounds	Qvalue

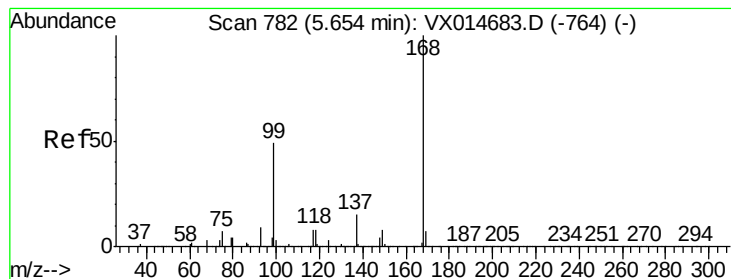
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014801.D

Acq: 04 Feb 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

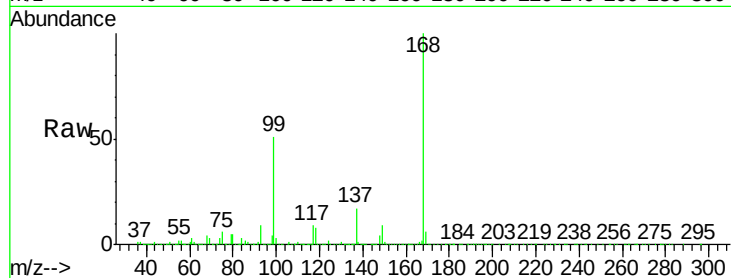
VX0204WBL01

Tot Ion:168 Resp: 444974

Ion Ratio Lower Upper

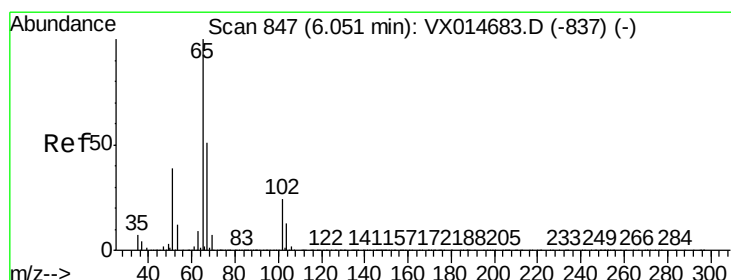
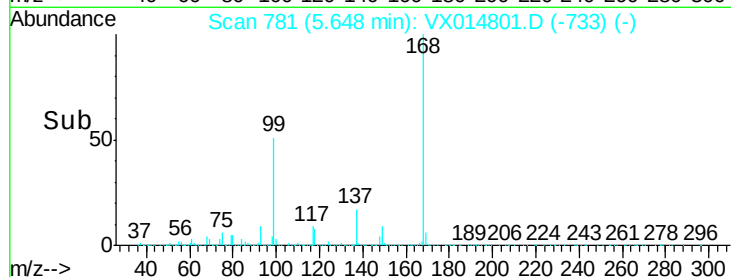
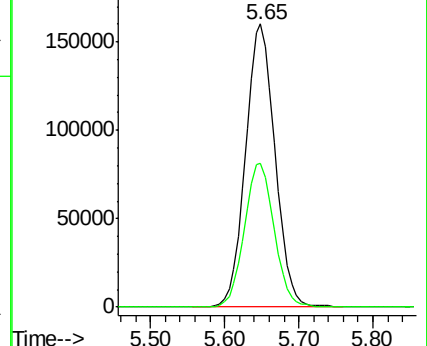
168 100

99 50.5 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: 49.986 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX014801.D

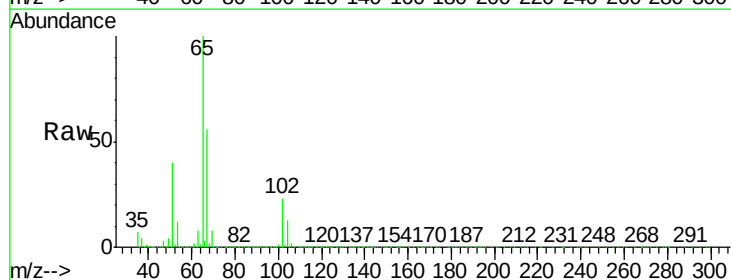
Acq: 04 Feb 2020 11:42

Tgt Ion: 65 Resp: 259739

Ion Ratio Lower Upper

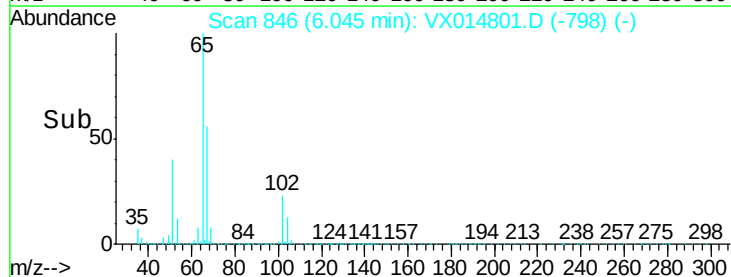
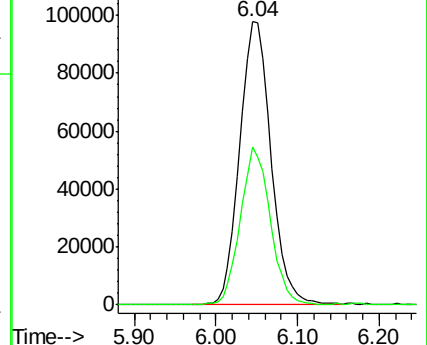
65 100

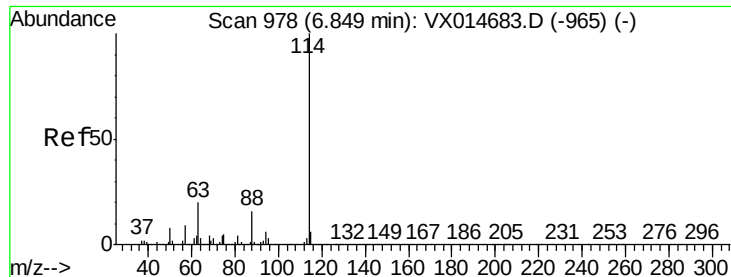
67 53.0 0.0 107.4



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: VX014801.D

Acq: 04 Feb 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBL01

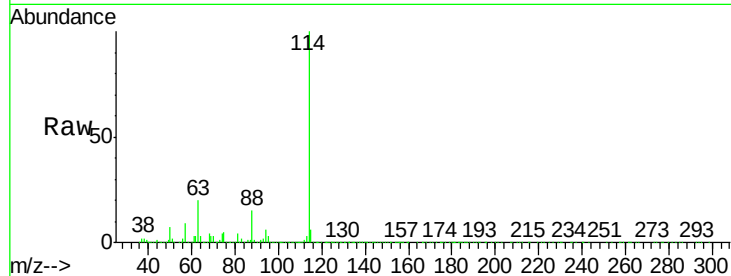
Tot Ion:114 Resp: 697065

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.6

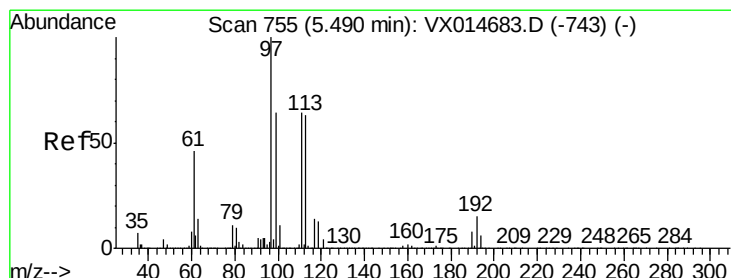
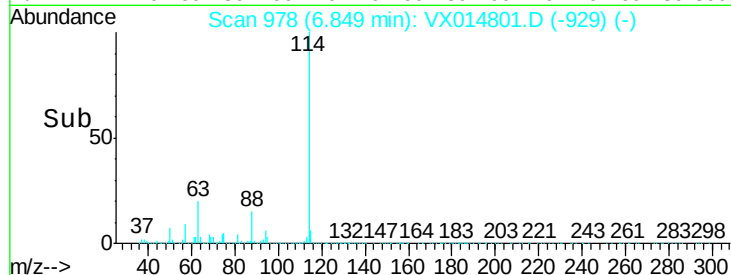
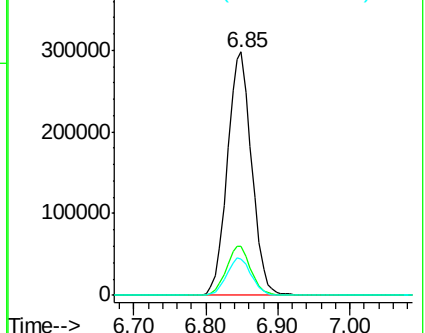
88 15.1 0.0 31.2



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: 49.938 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014801.D

Acq: 04 Feb 2020 11:42

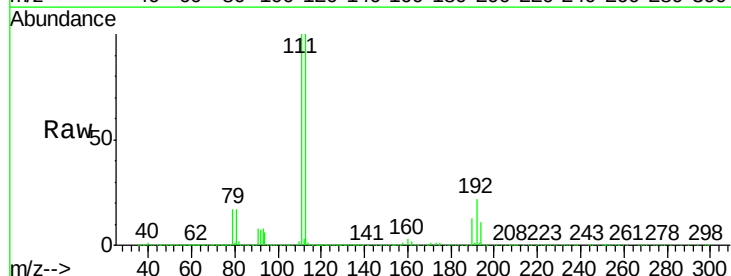
Tgt Ion:113 Resp: 219650

Ion Ratio Lower Upper

113 100

111 101.0 80.7 121.1

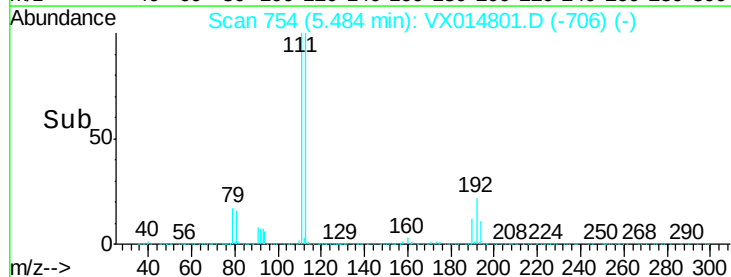
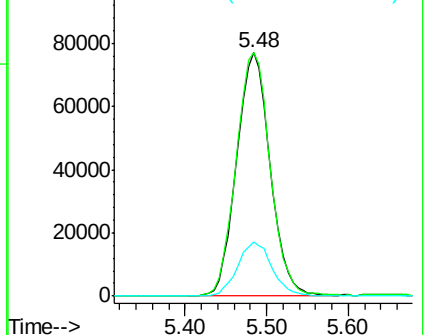
192 22.4 18.5 27.7

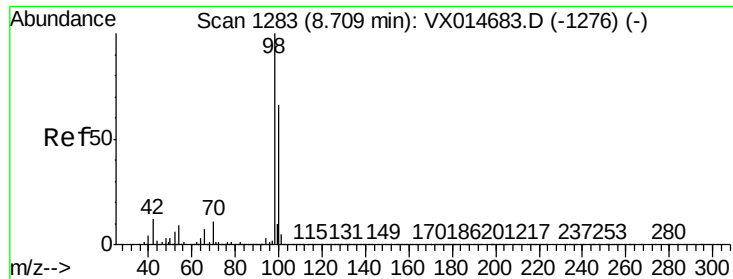


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

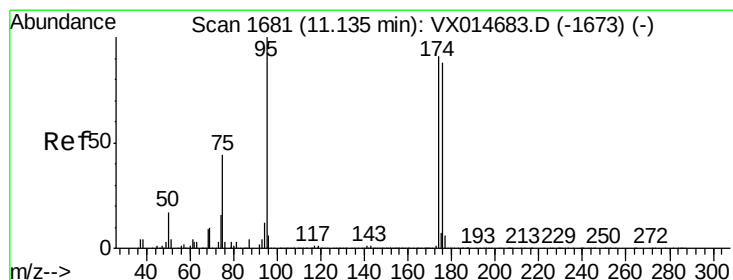
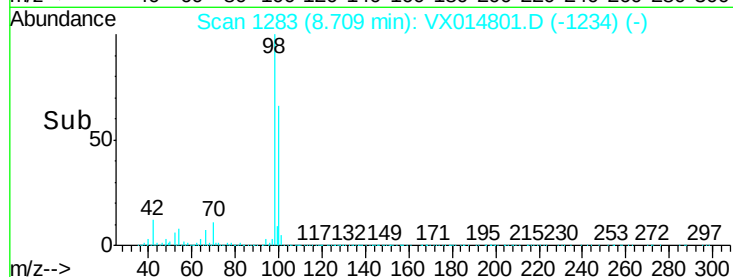
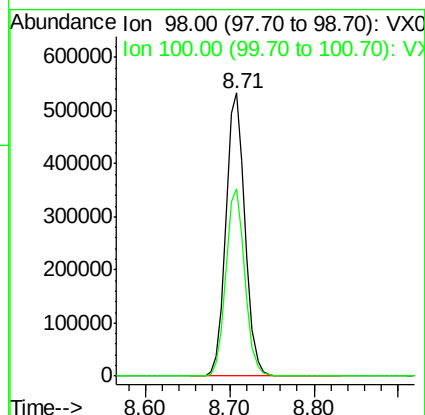
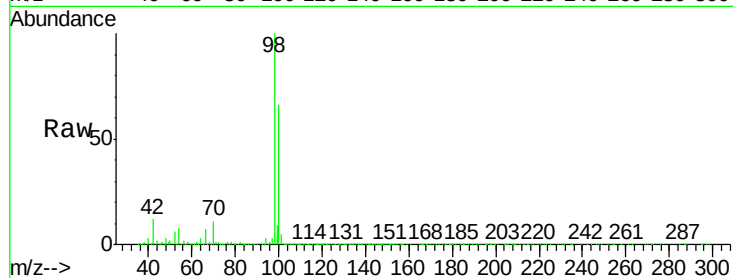




#50
Toluene-d8
Concen: 49.060 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014801.D
Acq: 04 Feb 2020 11:42

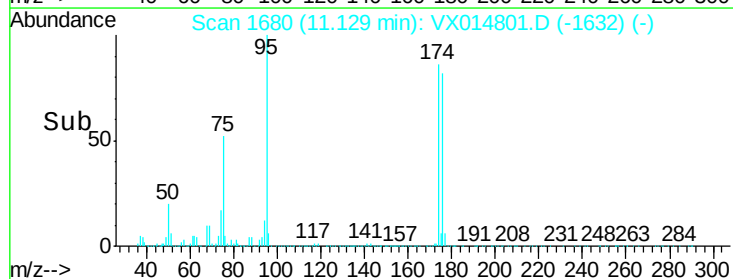
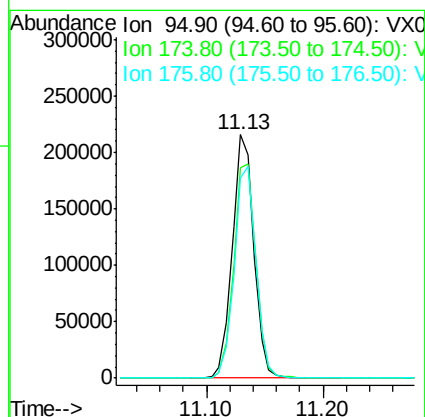
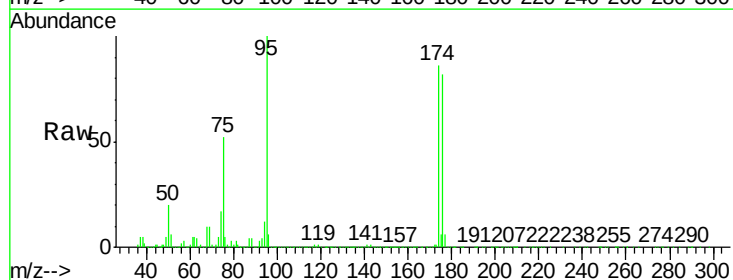
Instrument :
MSVOA_X
ClientSampleId :
VX0204WBL01

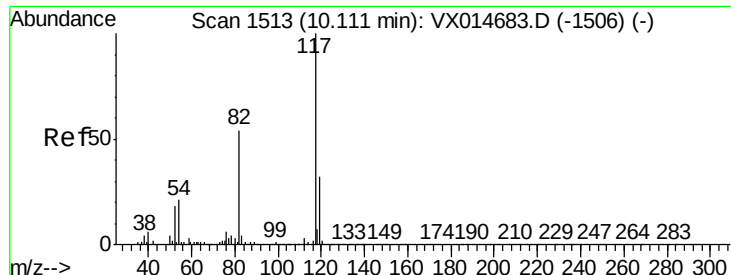
Tot Ion: 98 Resp: 829576
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 45.971 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014801.D
Acq: 04 Feb 2020 11:42

Tgt Ion: 95 Resp: 276904
Ion Ratio Lower Upper
95 100
174 91.4 0.0 176.0
176 88.1 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX014801.D

Acq: 04 Feb 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0204WBL01

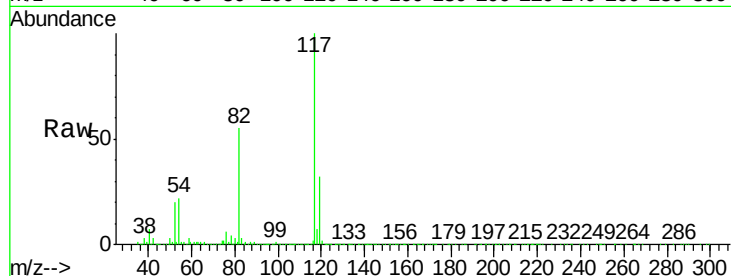
Tot Ion:117 Resp: 634649

Ion Ratio Lower Upper

117 100

82 55.2 43.2 64.8

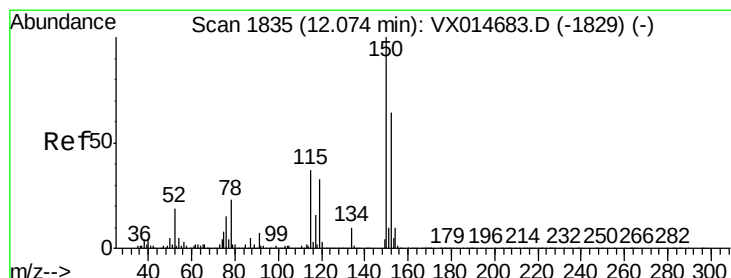
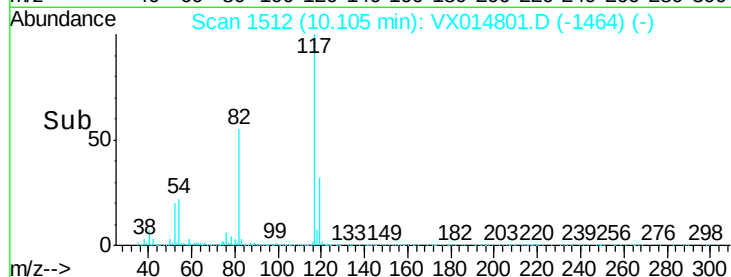
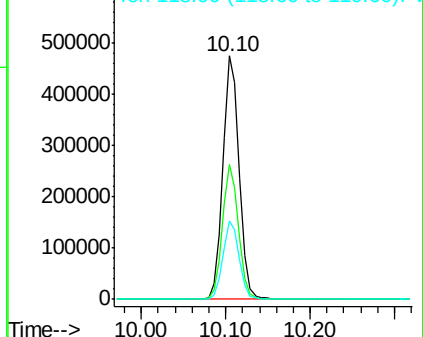
119 32.3 25.8 38.6



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: VX014801.D

Acq: 04 Feb 2020 11:42

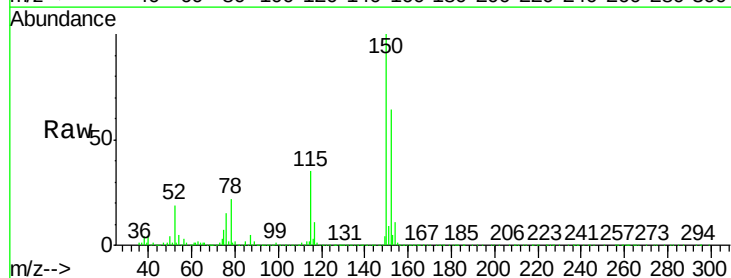
Tgt Ion:152 Resp: 286169

Ion Ratio Lower Upper

152 100

115 54.7 39.4 118.1

150 155.6 0.0 351.2



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

