

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040820\
 Data File : VX015558.D
 Acq On : 08 Apr 2020 10:54
 Operator : JC/SP
 Sample : VX0408WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBL01

Quant Time: Apr 09 06:36:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1092000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1690989	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1557741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	806692	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	698481	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	
35) Dibromofluoromethane	5.47	113	534762	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
50) Toluene-d8	8.70	98	2010336	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
62) 4-Bromofluorobenzene	11.12	95	812514	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	

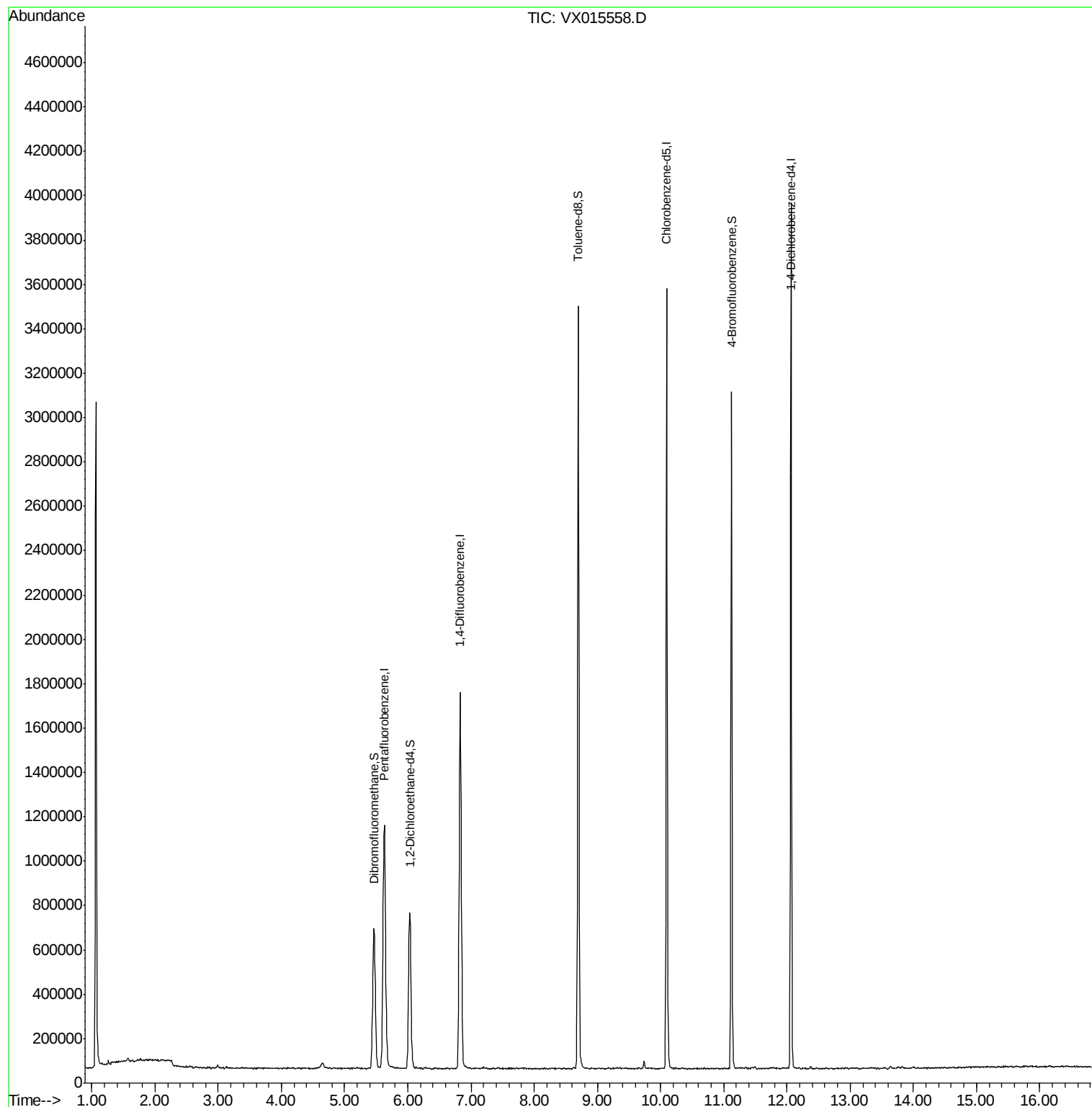
Target Compounds	Qvalue
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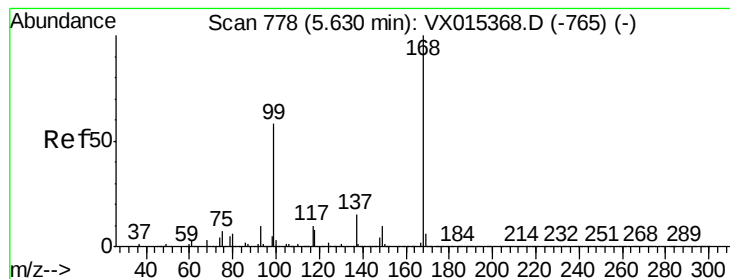
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.00 min

Lab File: VX015558.D

Acq: 08 Apr 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

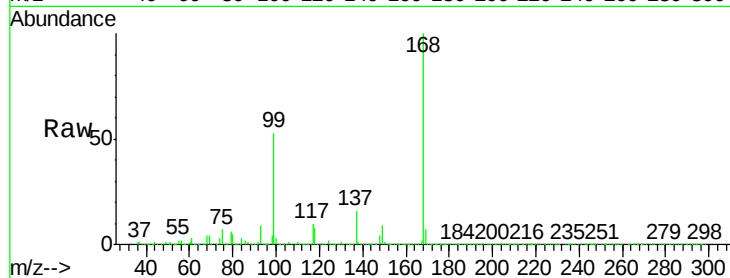
VX0408WBL01

Tot Ion:168 Resp: 1092000

Ion Ratio Lower Upper

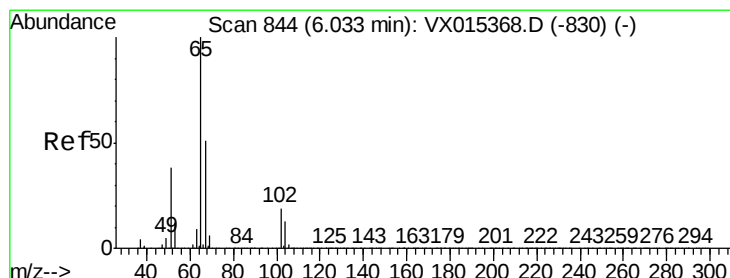
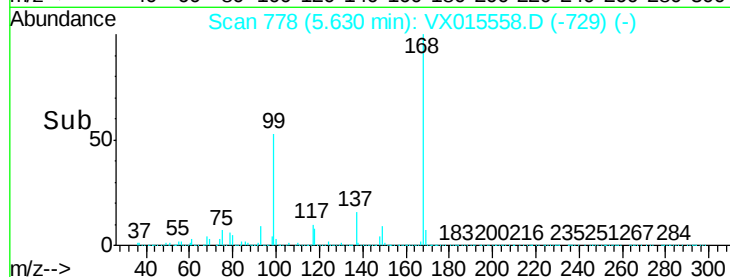
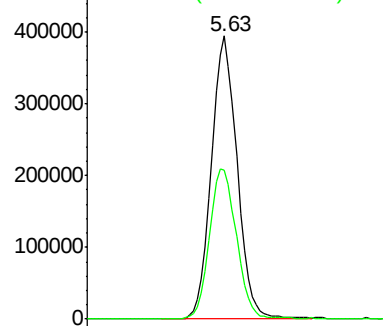
168 100

99 52.6 46.4 69.6



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: 45.352 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015558.D

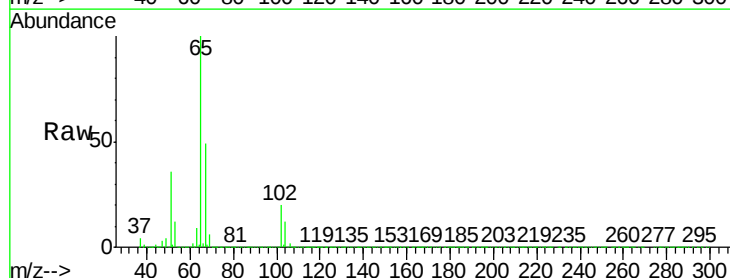
Acq: 08 Apr 2020 10:54

Tgt Ion: 65 Resp: 698481

Ion Ratio Lower Upper

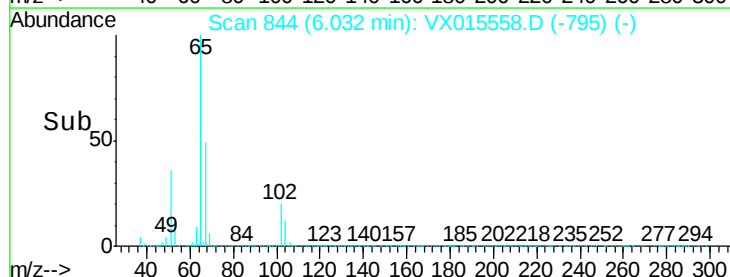
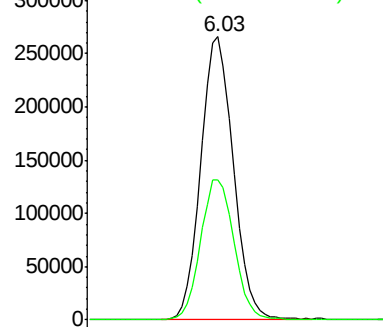
65 100

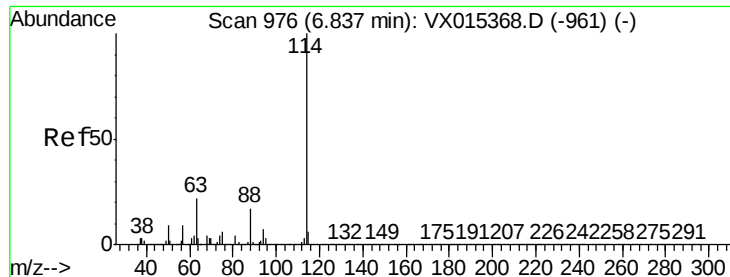
67 50.5 0.0 102.6



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: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015558.D

Acq: 08 Apr 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBL01

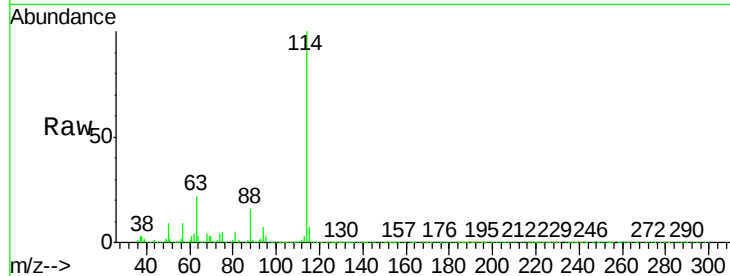
Tot Ion:114 Resp: 1690989

Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.2

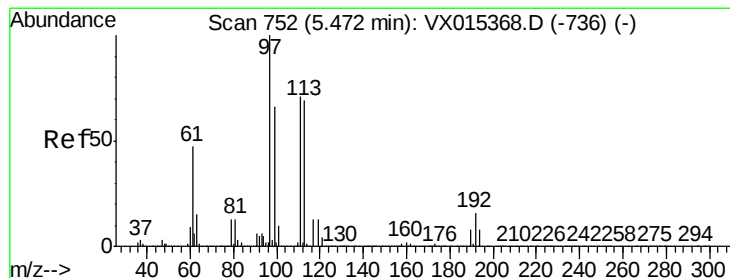
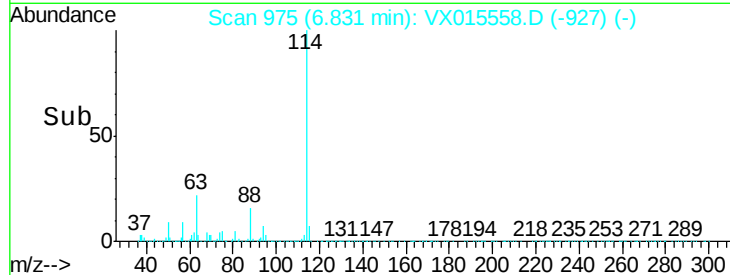
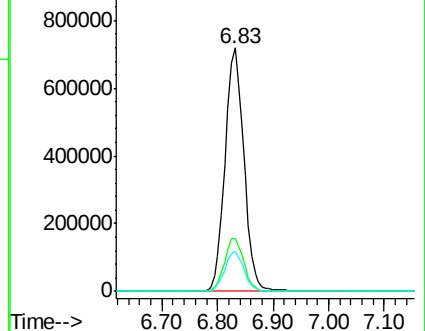
88 16.4 0.0 33.8



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: 49.473 ug/l

RT: 5.47 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX015558.D

Acq: 08 Apr 2020 10:54

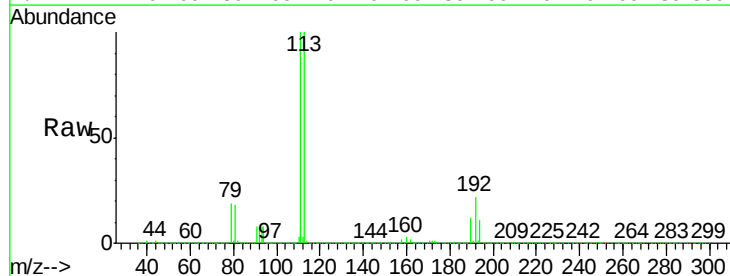
Tgt Ion:113 Resp: 534762

Ion Ratio Lower Upper

113 100

111 103.3 81.5 122.3

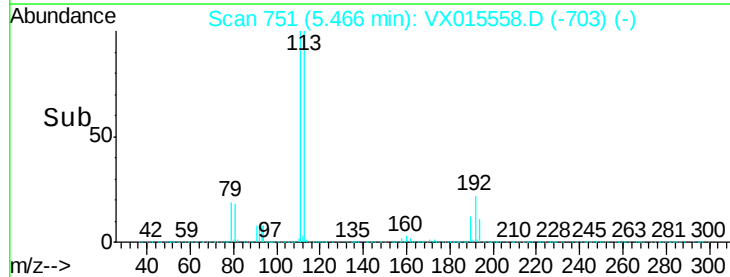
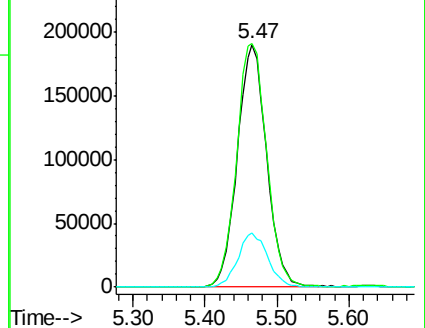
192 22.7 17.8 26.6

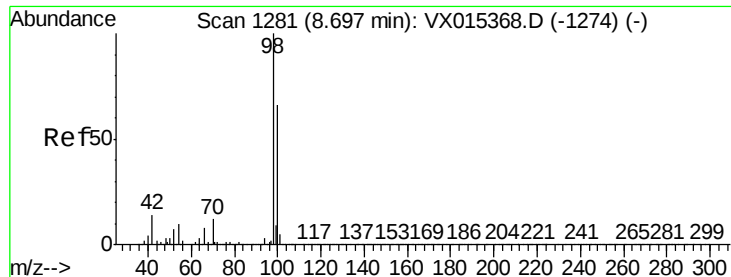


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.515 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015558.D

Acq: 08 Apr 2020 10:54

Instrument :

MSVOA_X

ClientSampleId :

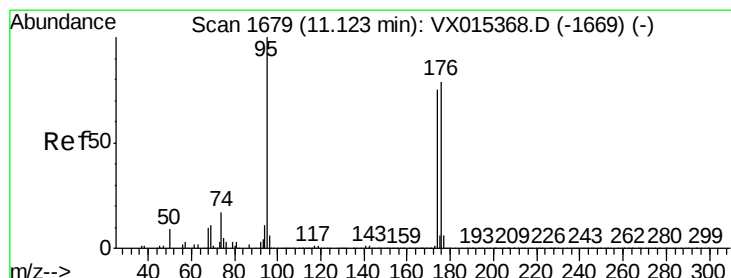
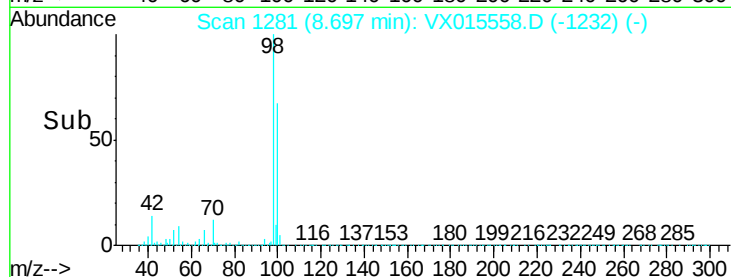
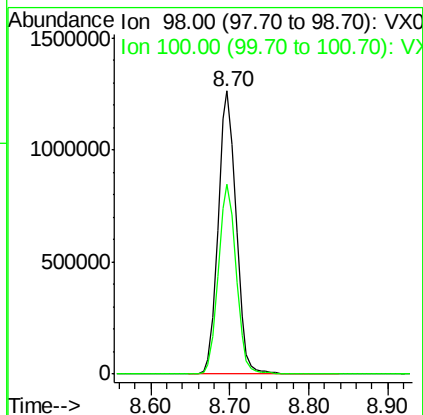
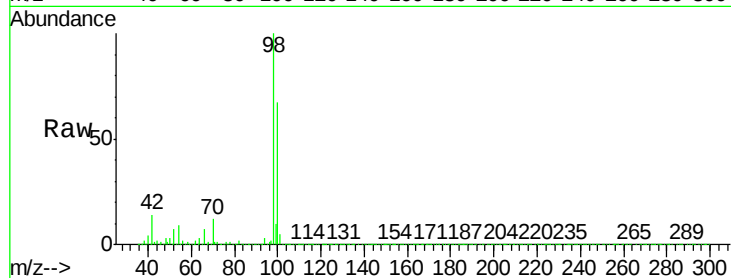
VX0408WBL01

Tot Ion: 98 Resp: 2010336

Ion Ratio Lower Upper

98 100

100 66.7 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 50.237 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015558.D

Acq: 08 Apr 2020 10:54

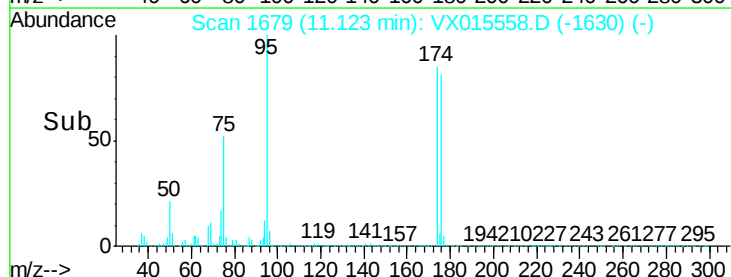
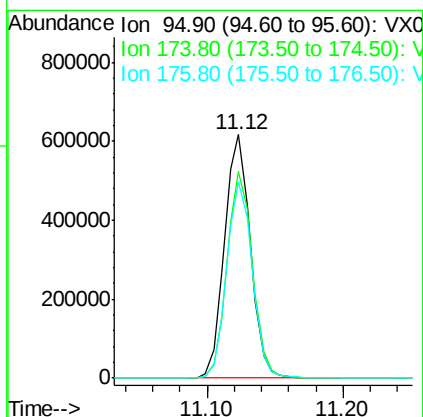
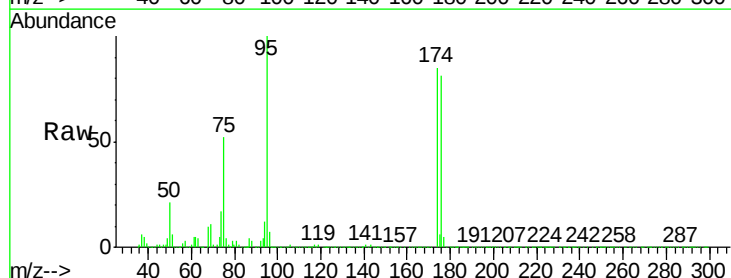
Tgt Ion: 95 Resp: 812514

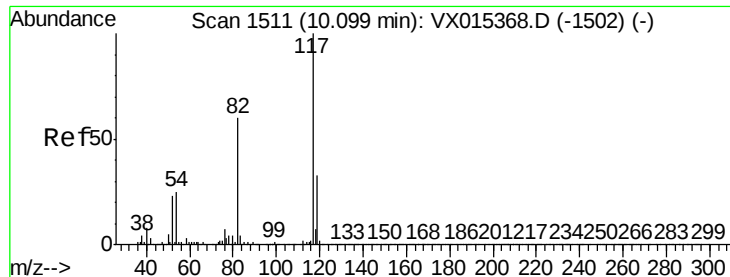
Ion Ratio Lower Upper

95 100

174 83.3 0.0 158.6

176 80.2 0.0 159.0

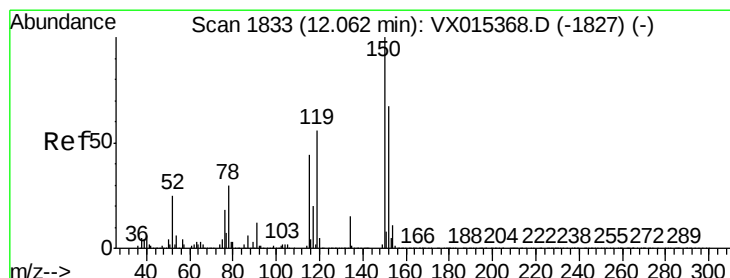
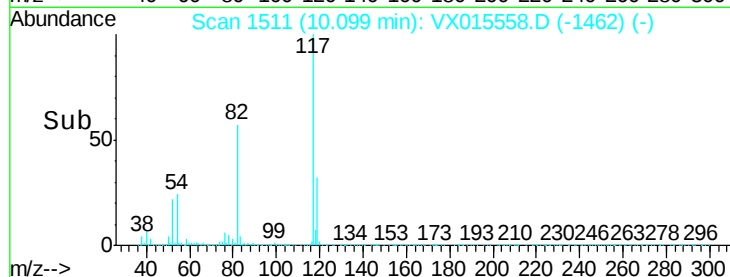
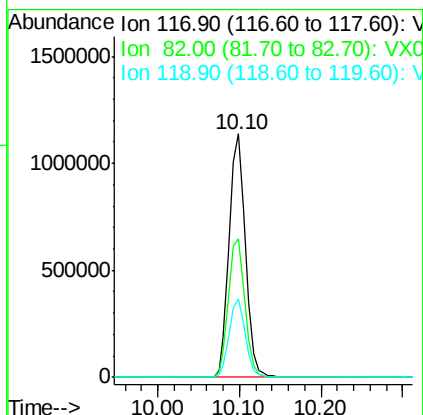
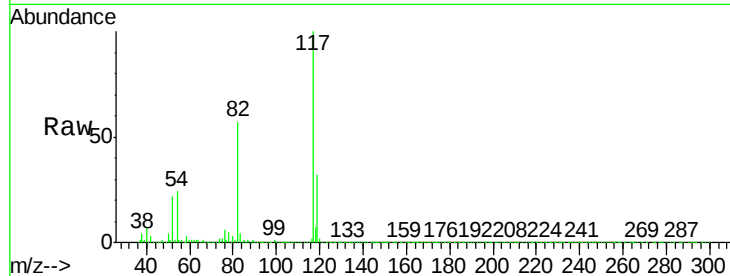




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015558.D
Acq: 08 Apr 2020 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBL01

Tot Ion:117 Resp: 1557741
Ion Ratio Lower Upper
117 100
82 57.0 47.8 71.8
119 32.5 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015558.D
Acq: 08 Apr 2020 10:54

Tgt Ion:152 Resp: 806692
Ion Ratio Lower Upper
152 100
115 57.1 39.0 116.9
150 154.9 0.0 340.8

