

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100920\
 Data File : VX018870.D
 Acq On : 09 Oct 2020 21:10
 Operator : JC/SP
 Sample : L4255-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FT-PZ-458S-20200928

Quant Time: Oct 10 07:12:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	211203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	342140	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	337593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	173544	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	163698	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	
35) Dibromofluoromethane	5.46	113	119886	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
50) Toluene-d8	8.70	98	419836	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
62) 4-Bromofluorobenzene	11.12	95	169037	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	

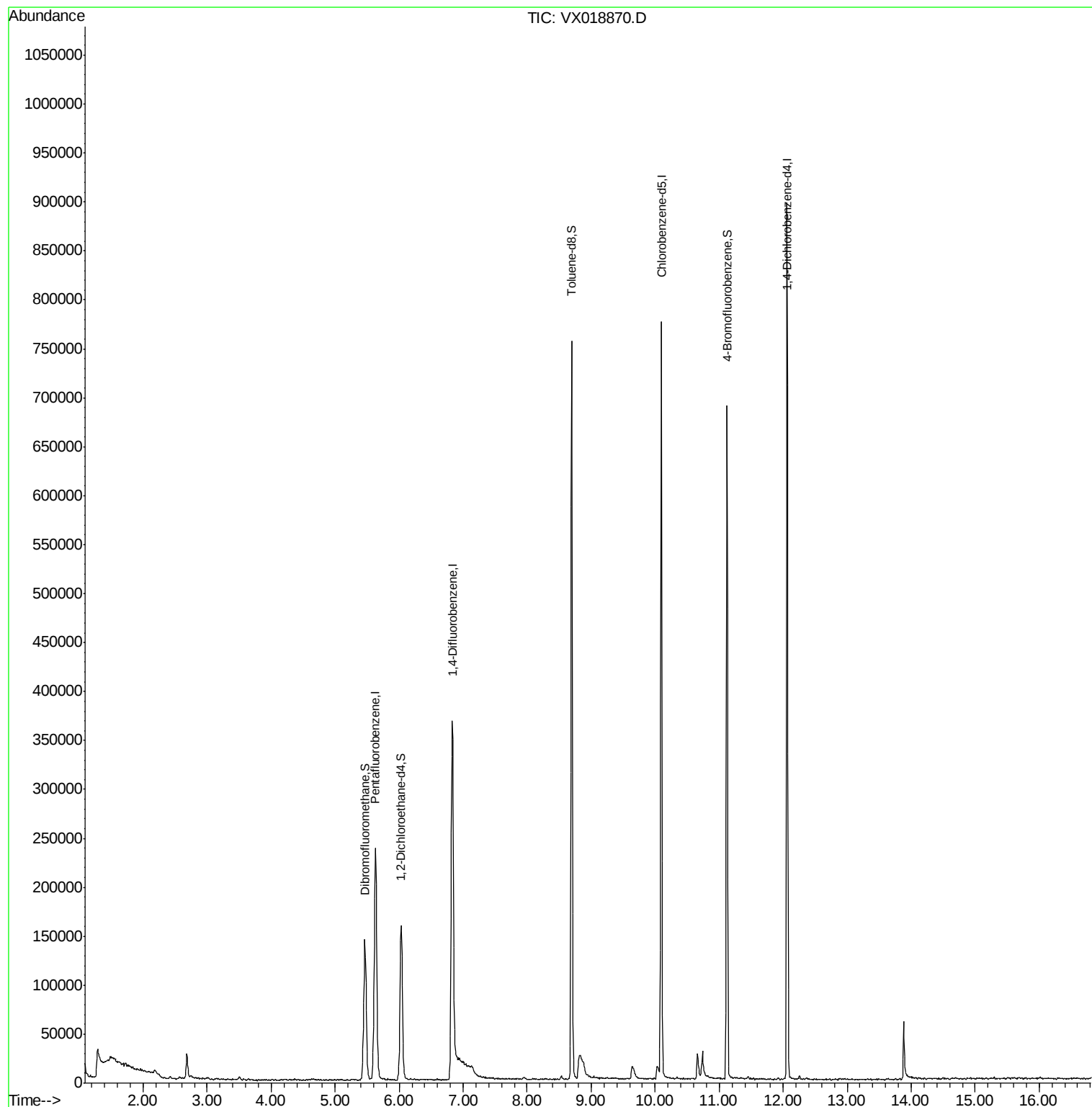
Target Compounds	Qvalue

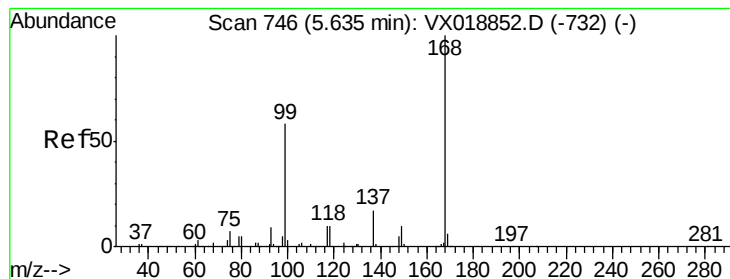
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX018870.D

Acq: 09 Oct 2020 21:10

Instrument :

MSVOA_X

ClientSampleId :

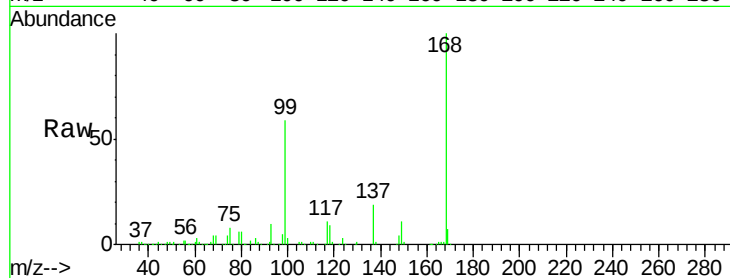
FT-PZ-458S-20200928

Tot Ion:168 Resp: 211203

Ion Ratio Lower Upper

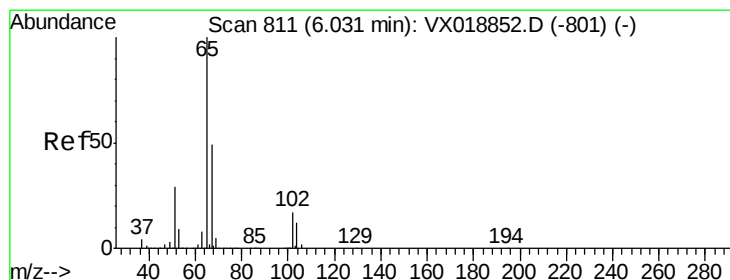
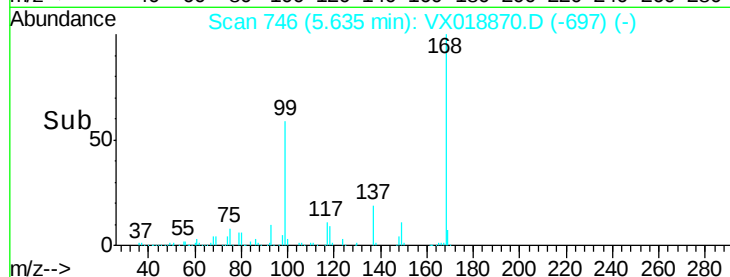
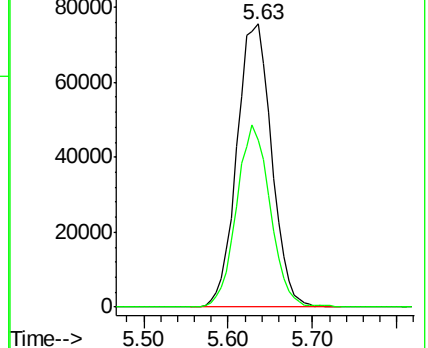
168 100

99 59.0 46.1 69.1



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: 52.551 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018870.D

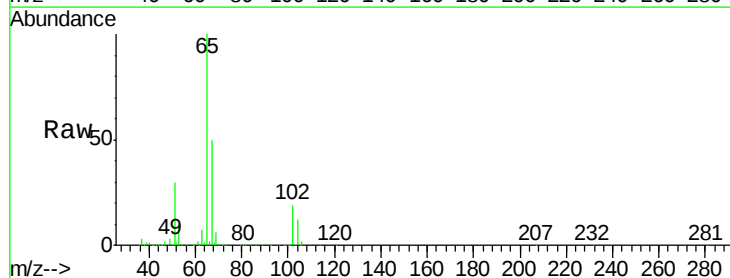
Acq: 09 Oct 2020 21:10

Tgt Ion: 65 Resp: 163698

Ion Ratio Lower Upper

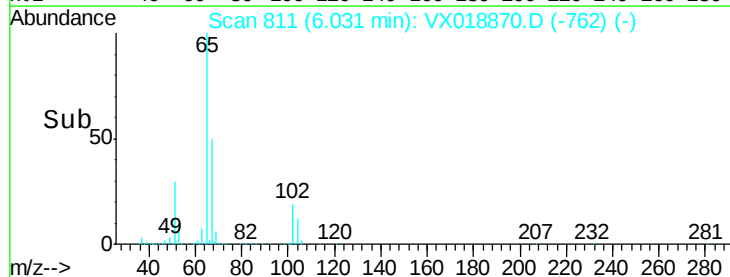
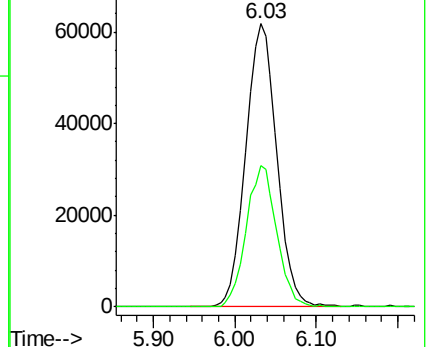
65 100

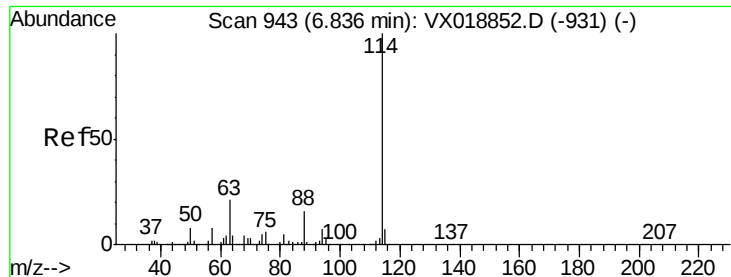
67 48.9 0.0 97.0



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: 6.84 min Scan# 943

Delta R.T. 0.00 min

Lab File: VX018870.D

Acq: 09 Oct 2020 21:10

Instrument :

MSVOA_X

ClientSampleId :

FT-PZ-458S-20200928

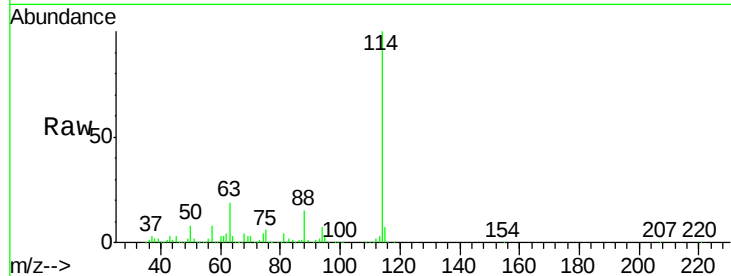
Tot Ion:114 Resp: 342140

Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

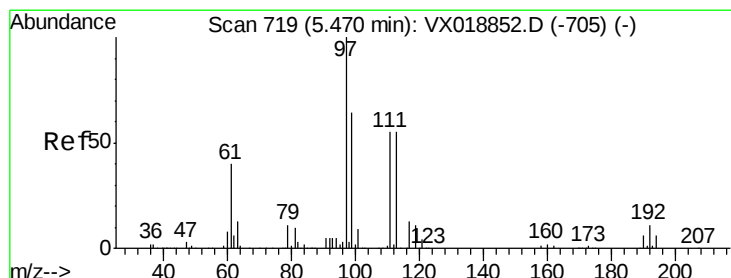
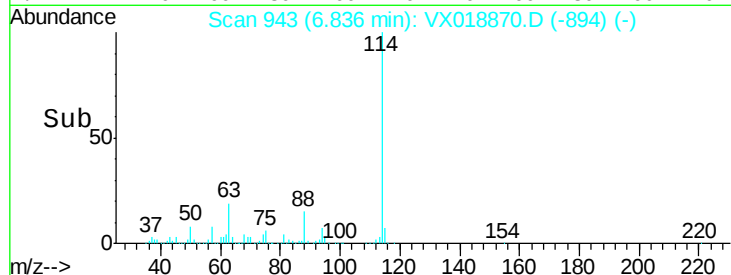
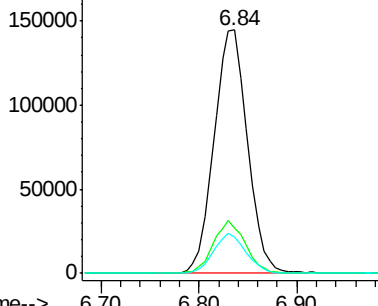
88 15.1 0.0 32.6



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: 49.168 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018870.D

Acq: 09 Oct 2020 21:10

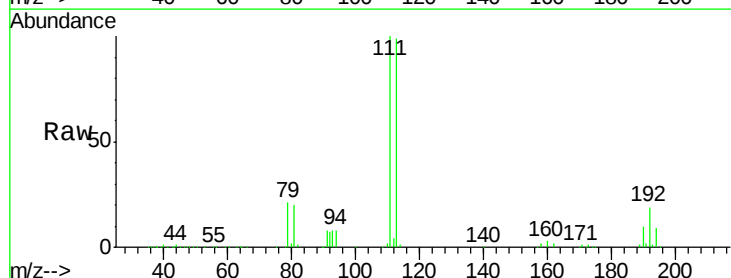
Tgt Ion:113 Resp: 119886

Ion Ratio Lower Upper

113 100

111 102.0 80.1 120.1

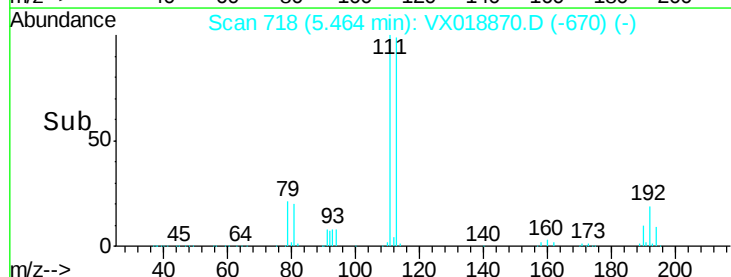
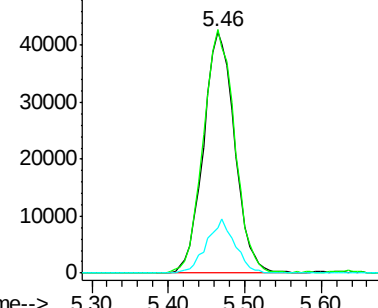
192 20.4 16.0 24.0

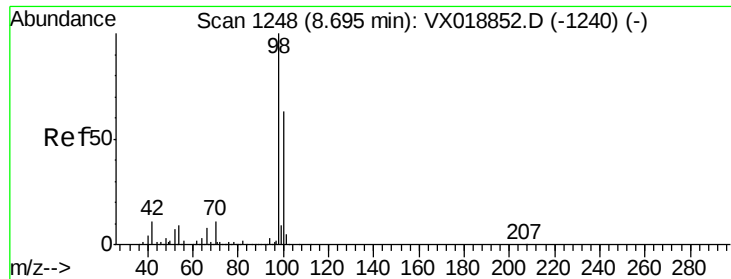


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.638 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018870.D

Acq: 09 Oct 2020 21:10

Instrument :

MSVOA_X

ClientSampleId :

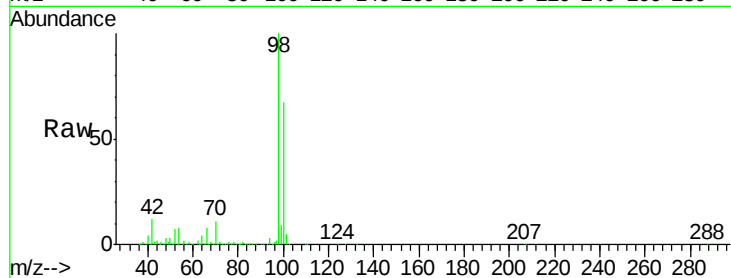
FT-PZ-458S-20200928

Tot Ion: 98 Resp: 419836

Ion Ratio Lower Upper

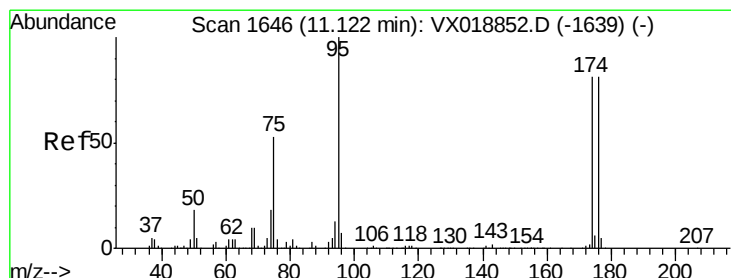
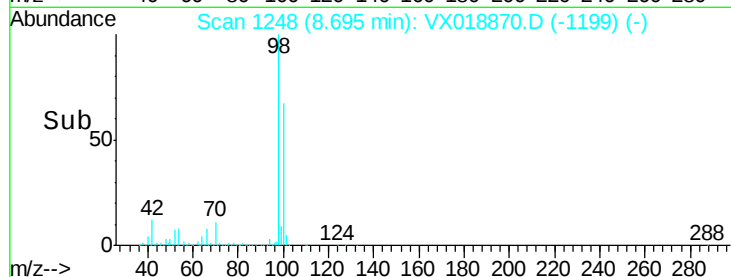
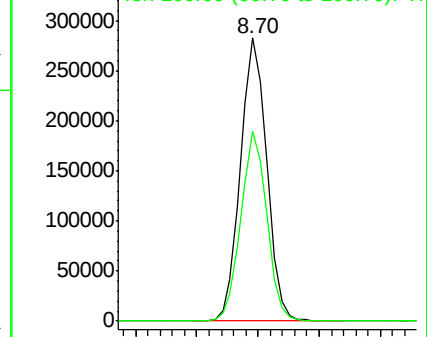
98 100

100 66.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 50.145 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018870.D

Acq: 09 Oct 2020 21:10

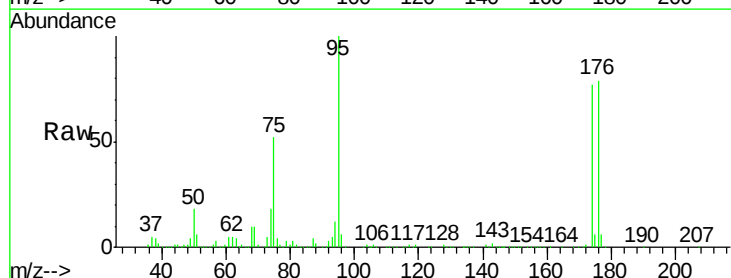
Tgt Ion: 95 Resp: 169037

Ion Ratio Lower Upper

95 100

174 82.3 0.0 160.0

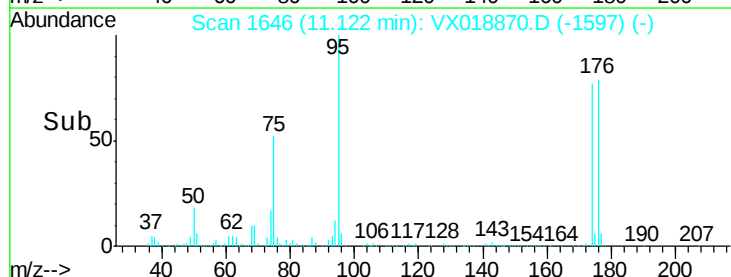
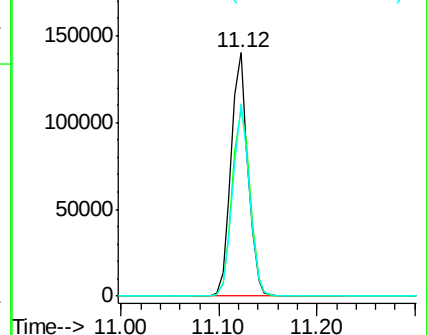
176 78.5 0.0 161.2

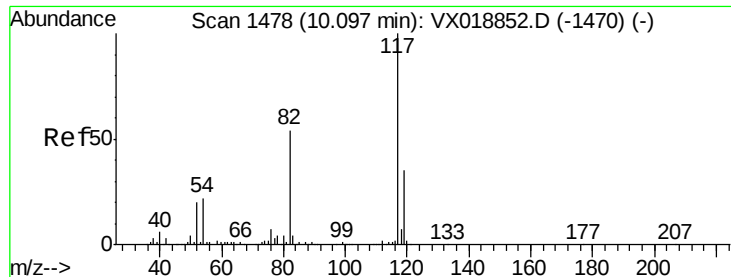


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

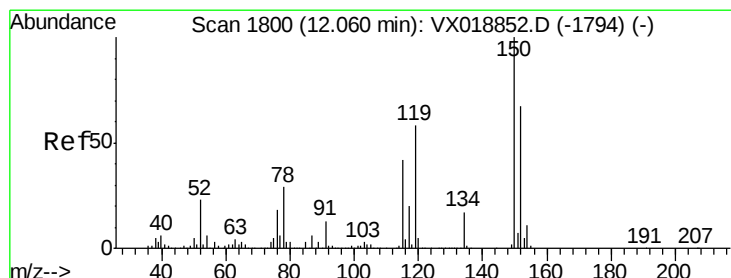
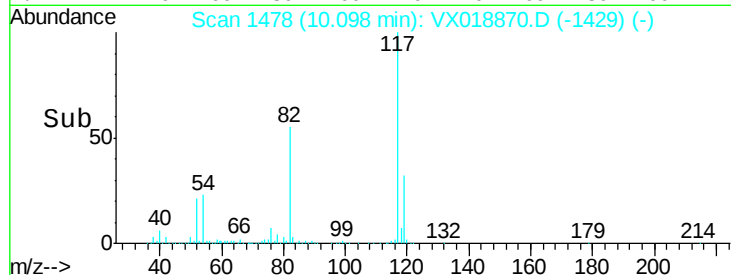
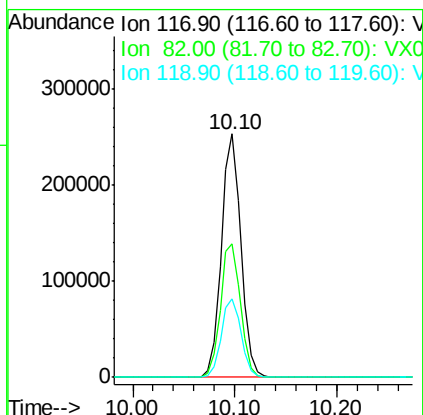
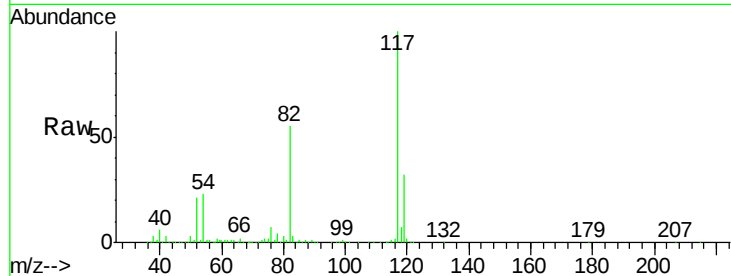




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018870.D
Acq: 09 Oct 2020 21:10

Instrument :
MSVOA_X
ClientSampleId :
FT-PZ-458S-20200928

Tot Ion:117 Resp: 337593
Ion Ratio Lower Upper
117 100
82 55.0 43.4 65.2
119 32.2 28.3 42.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018870.D
Acq: 09 Oct 2020 21:10

Tgt Ion:152 Resp: 173544
Ion Ratio Lower Upper
152 100
115 59.7 41.8 125.4
150 152.5 0.0 347.6

