

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091520\
 Data File : VX018408.D
 Acq On : 15 Sep 2020 15:46
 Operator : JC/SP
 Sample : PB131608TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB131608TB

Quant Time: Sep 16 04:08:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	443442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	713684	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	700383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	351437	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	320258	52.02	ug/l	0.00
Spiked Amount			Recovery	=	104.04%	
35) Dibromofluoromethane	5.47	113	245171	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	
50) Toluene-d8	8.70	98	863638	47.71	ug/l	0.00
Spiked Amount			Recovery	=	95.42%	
62) 4-Bromofluorobenzene	11.12	95	338721	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	

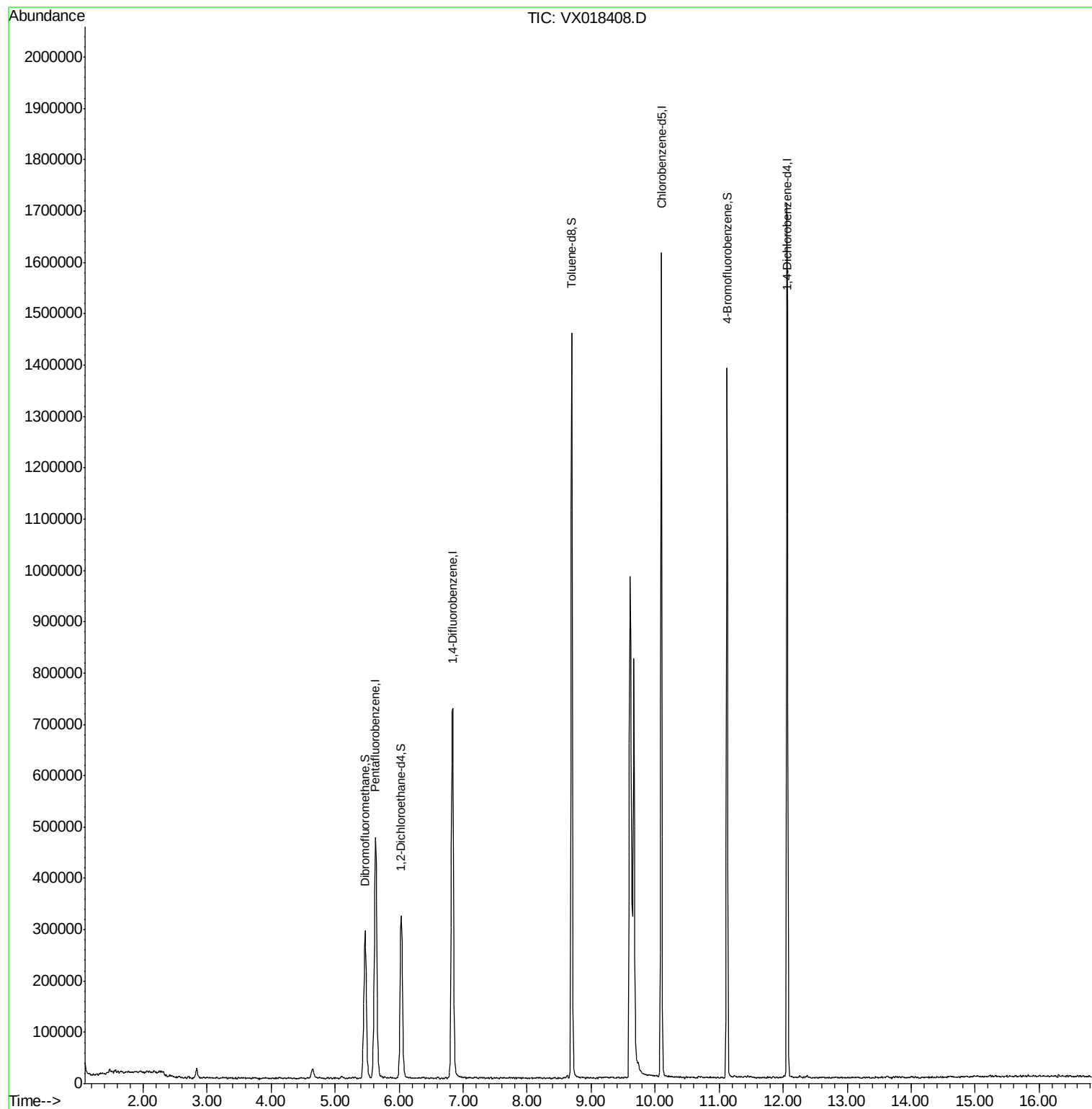
Target Compounds	Qvalue
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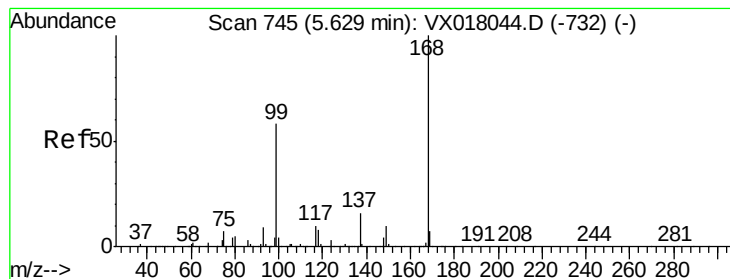
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018408.D

Acq: 15 Sep 2020 15:46

Instrument :

MSVOA_X

ClientSampleId :

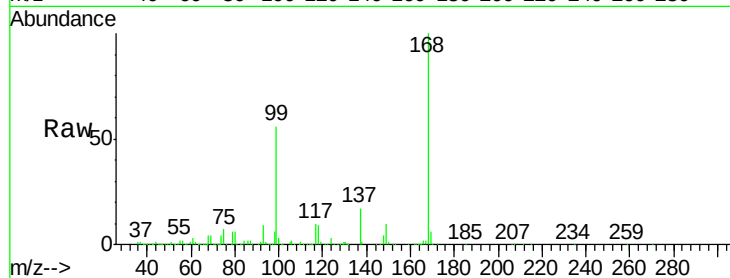
PB131608TB

Tot Ion:168 Resp: 443442

Ion Ratio Lower Upper

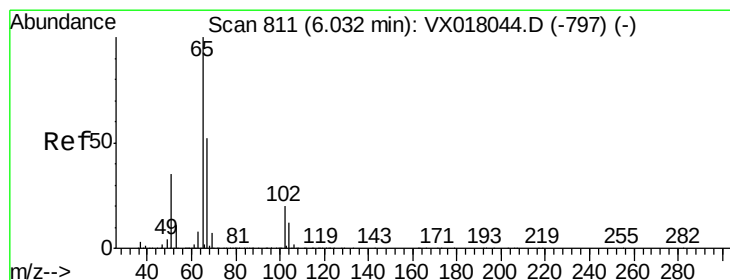
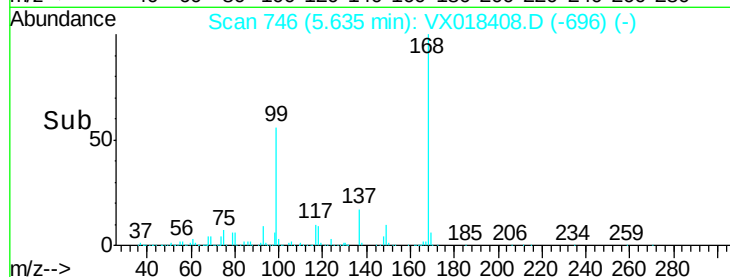
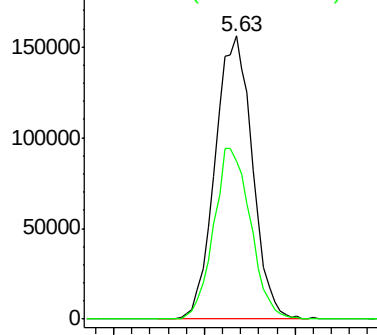
168 100

99 55.8 46.3 69.5



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: 52.023 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018408.D

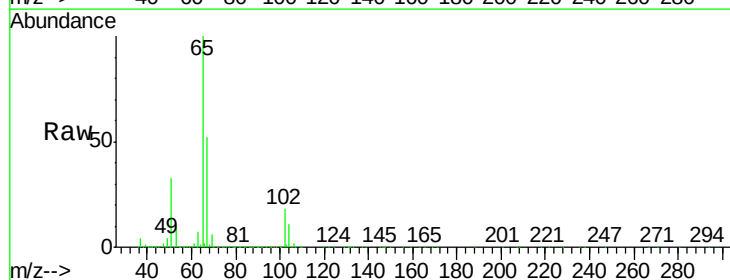
Acq: 15 Sep 2020 15:46

Tgt Ion: 65 Resp: 320258

Ion Ratio Lower Upper

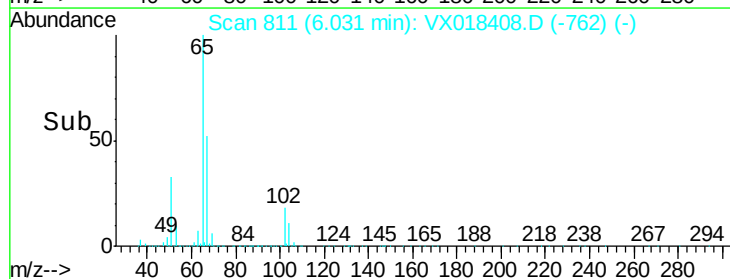
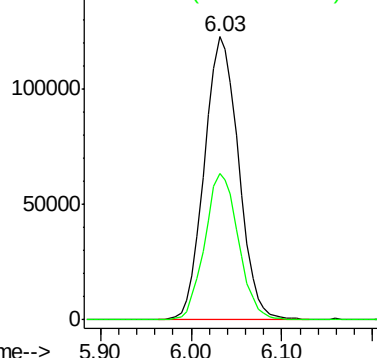
65 100

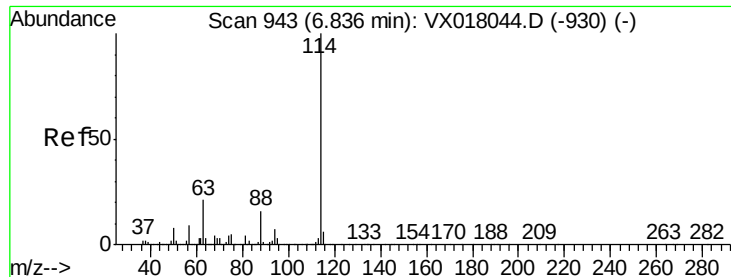
67 51.2 0.0 105.8



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: VX018408.D

Acq: 15 Sep 2020 15:46

Instrument :

MSVOA_X

ClientSampleId :

PB131608TB

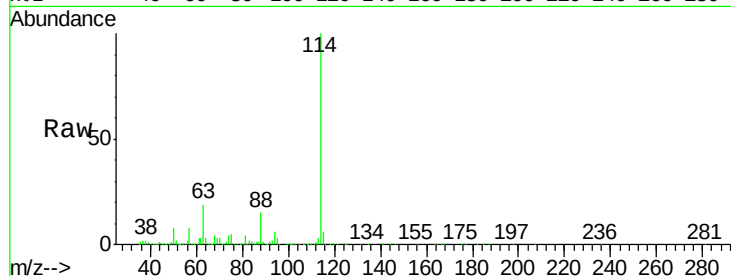
Tot Ion:114 Resp: 713684

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.6

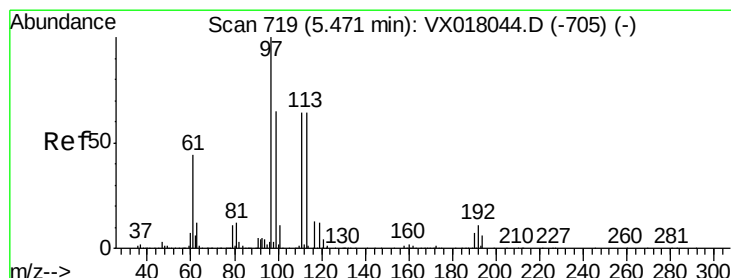
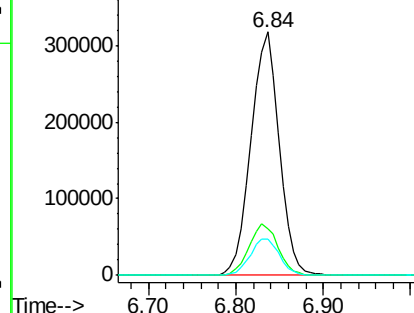
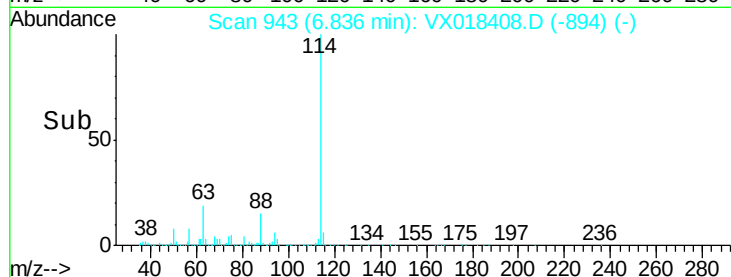
88 14.6 0.0 31.8



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: 50.441 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018408.D

Acq: 15 Sep 2020 15:46

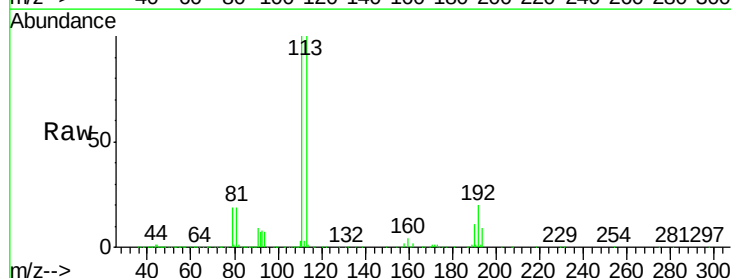
Tgt Ion:113 Resp: 245171

Ion Ratio Lower Upper

113 100

111 102.5 81.6 122.4

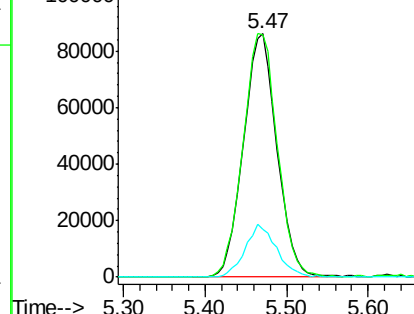
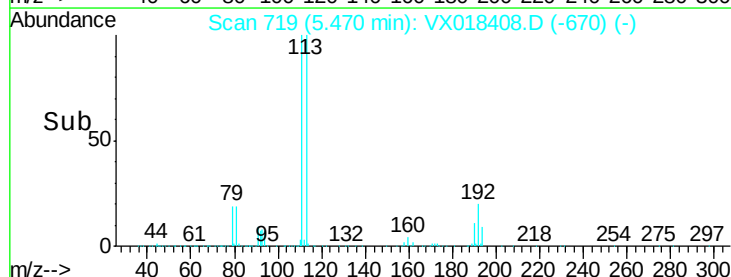
192 20.5 15.8 23.8

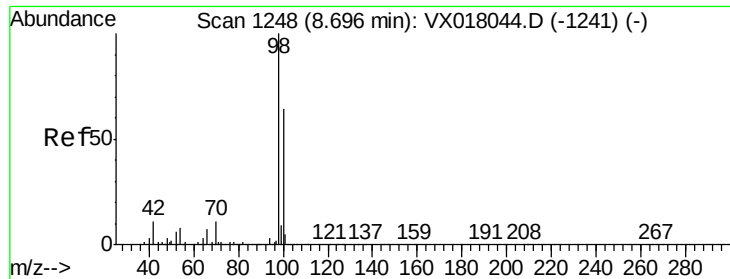


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.706 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018408.D

Acq: 15 Sep 2020 15:46

Instrument :

MSVOA_X

ClientSampleId :

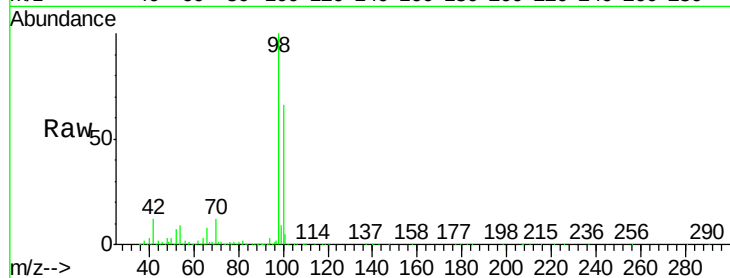
PB131608TB

Tot Ion: 98 Resp: 863638

Ion Ratio Lower Upper

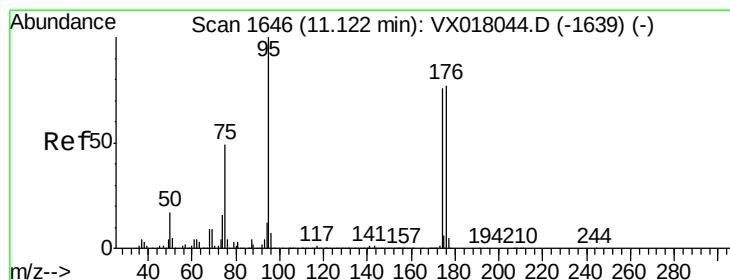
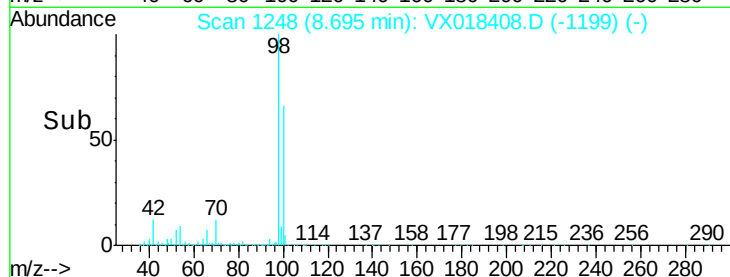
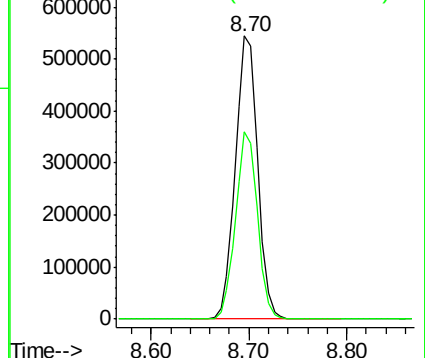
98 100

100 64.9 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 47.556 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018408.D

Acq: 15 Sep 2020 15:46

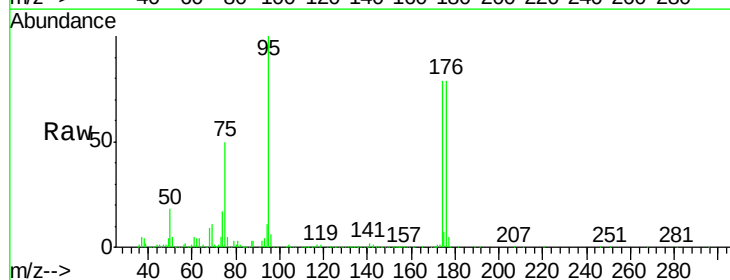
Tgt Ion: 95 Resp: 338721

Ion Ratio Lower Upper

95 100

174 82.3 0.0 160.2

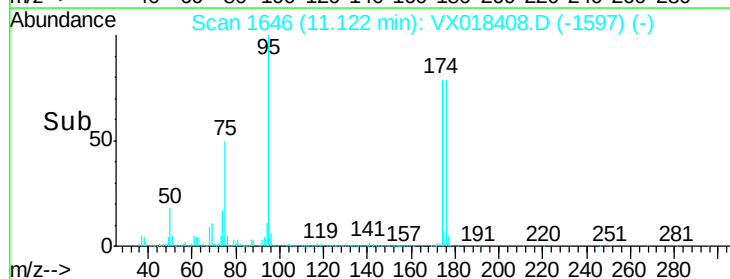
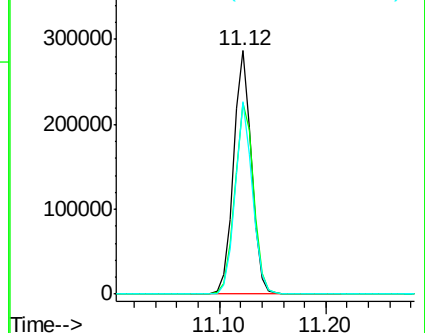
176 76.5 0.0 155.8

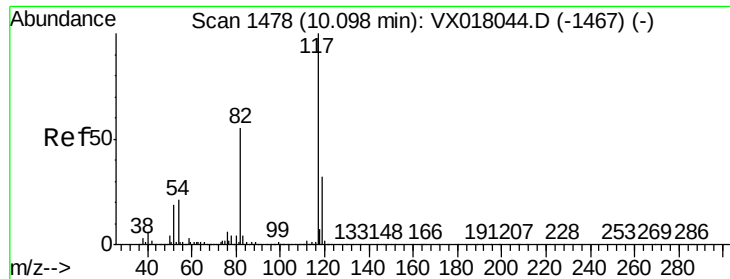


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

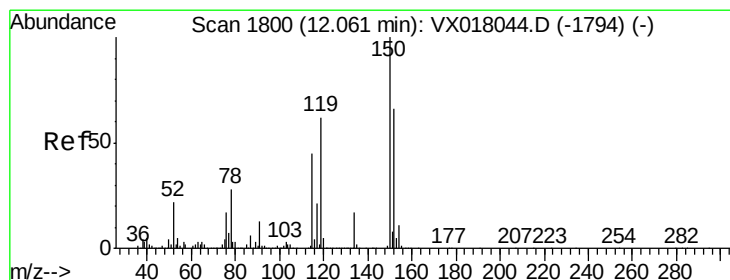
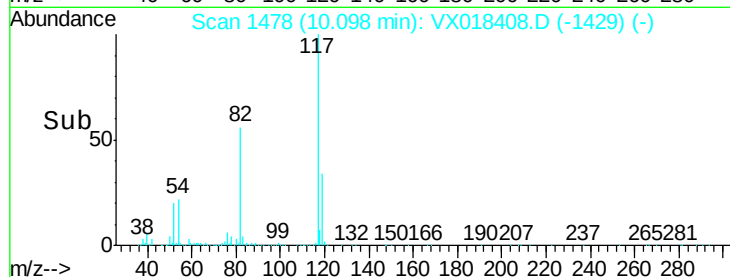
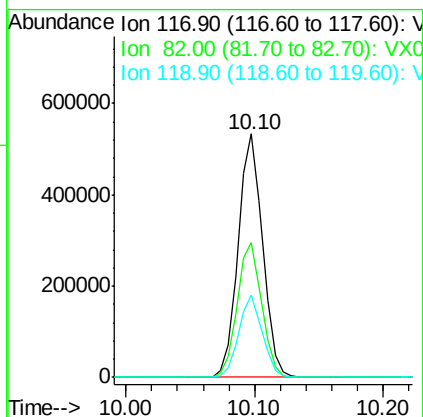
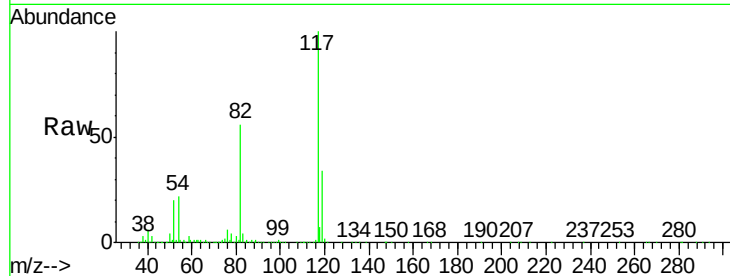




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018408.D
Acq: 15 Sep 2020 15:46

Instrument :
MSVOA_X
ClientSampleId :
PB131608TB

Tot Ion:117 Resp: 700383
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 33.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018408.D
Acq: 15 Sep 2020 15:46

Tgt Ion:152 Resp: 351437
Ion Ratio Lower Upper
152 100
115 58.8 41.5 124.5
150 155.1 0.0 343.8

