

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042020\
 Data File : VX015765.D
 Acq On : 20 Apr 2020 15:04
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 21 08:07:00 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

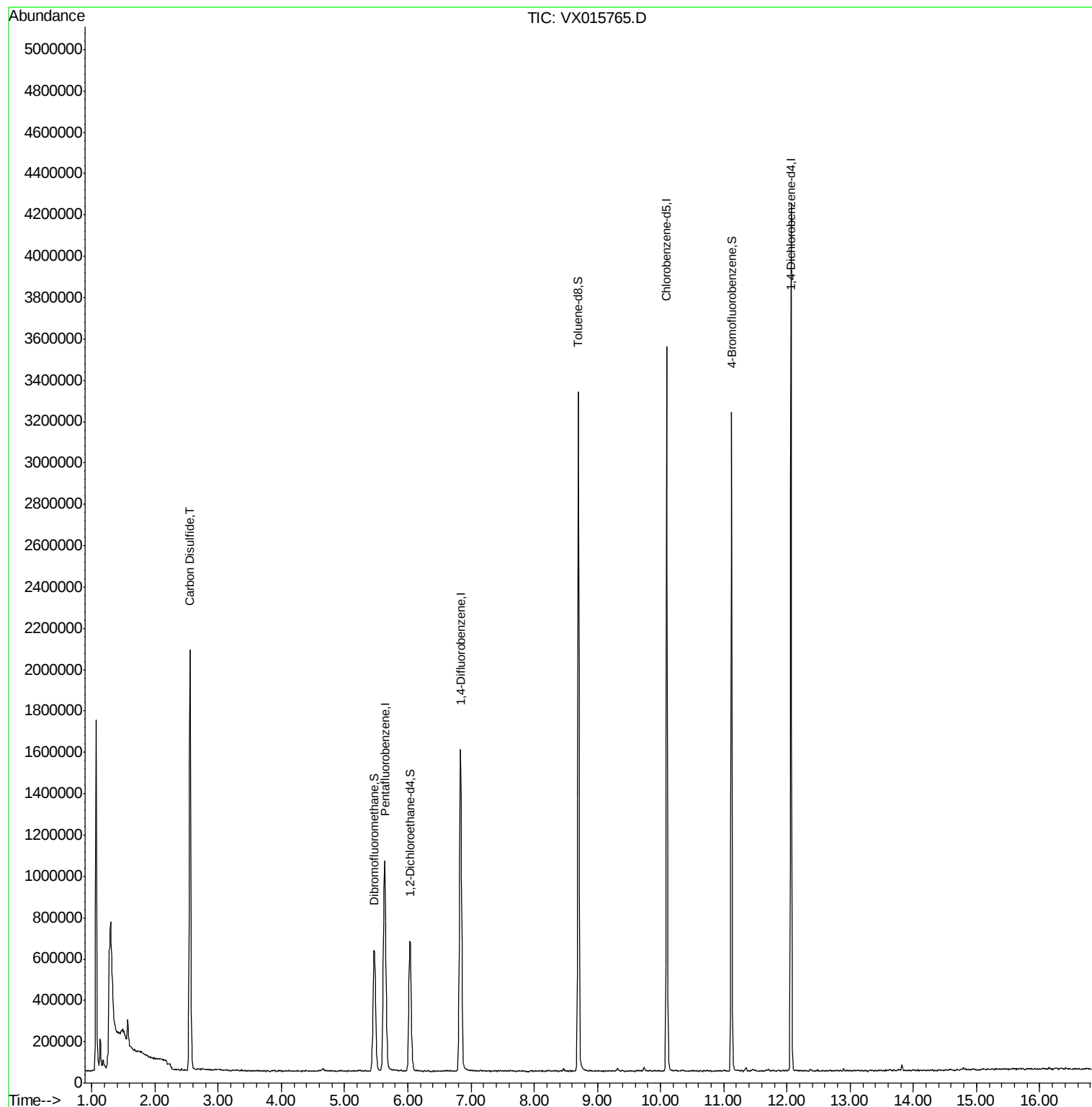
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1043868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1610956	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1566295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	877705	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	608054	41.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.60%	
35) Dibromofluoromethane	5.47	113	496563	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
50) Toluene-d8	8.70	98	1927633	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	11.12	95	816752	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
Target Compounds						
17) Carbon Disulfide	2.55	76	2532310	84.231	ug/l	Qvalue 99

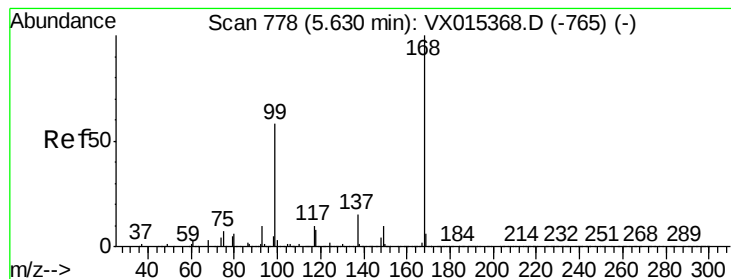
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015765.D

Acq: 20 Apr 2020 15:04

Instrument :

MSVOA_X

ClientSampleId :

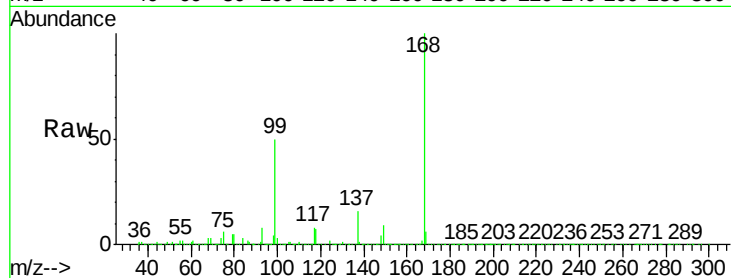
IBLK

Tot Ion:168 Resp: 1043868

Ion Ratio Lower Upper

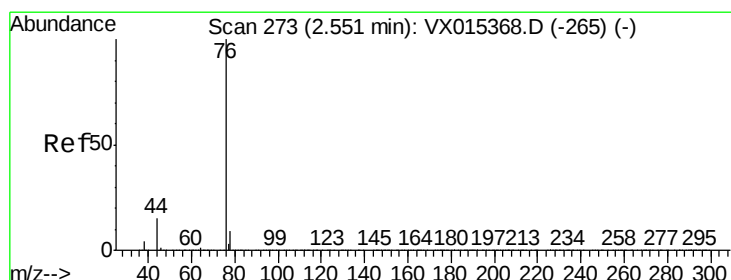
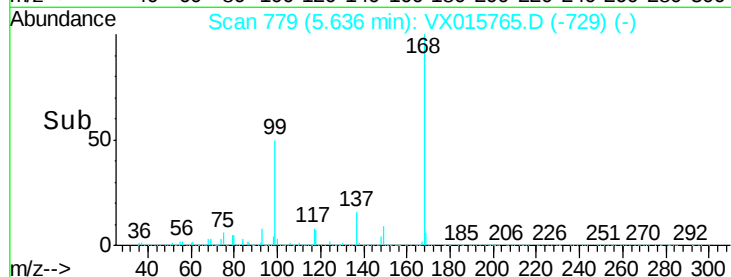
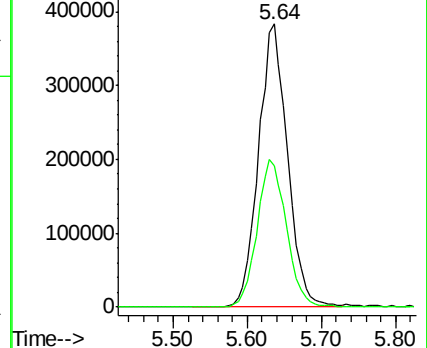
168 100

99 49.7 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#17

Carbon Disulfide

Concen: 84.231 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015765.D

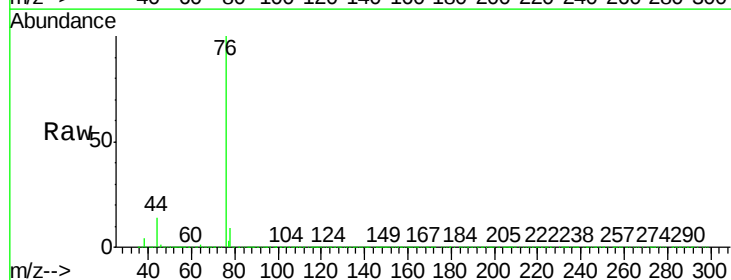
Acq: 20 Apr 2020 15:04

Tgt Ion: 76 Resp: 2532310

Ion Ratio Lower Upper

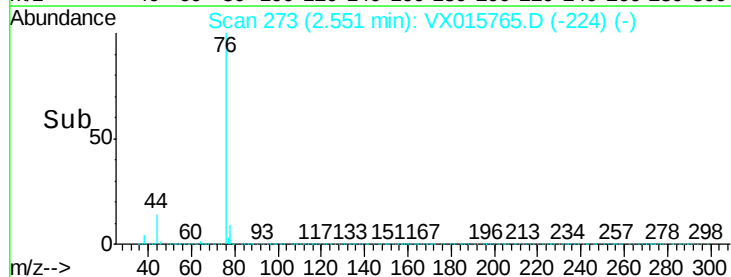
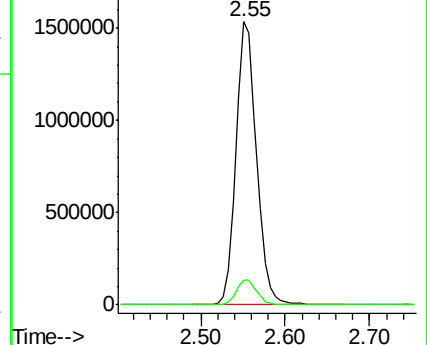
76 100

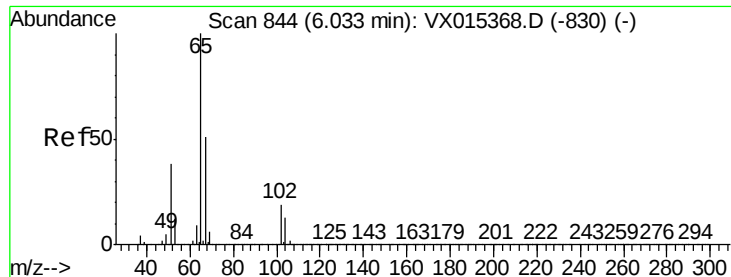
78 8.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 41.301 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015765.D

Acq: 20 Apr 2020 15:04

Instrument :

MSVOA_X

ClientSampled :

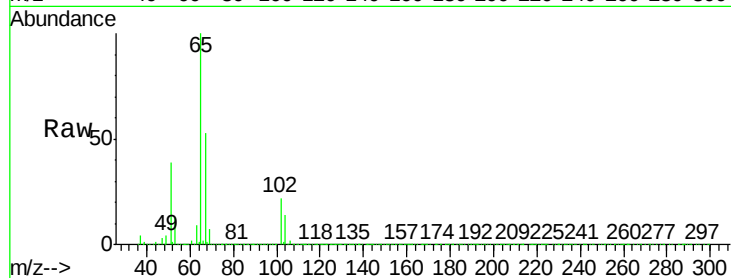
IBLK

Tot Ion: 65 Resp: 608054

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

250000

200000

150000

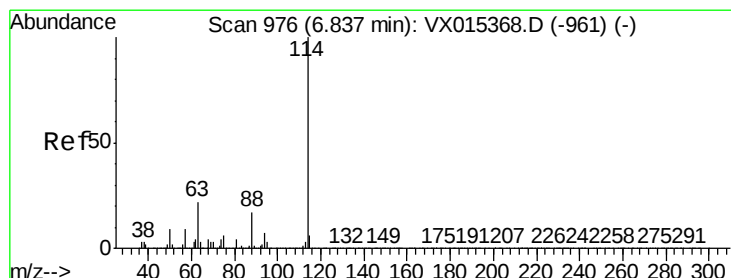
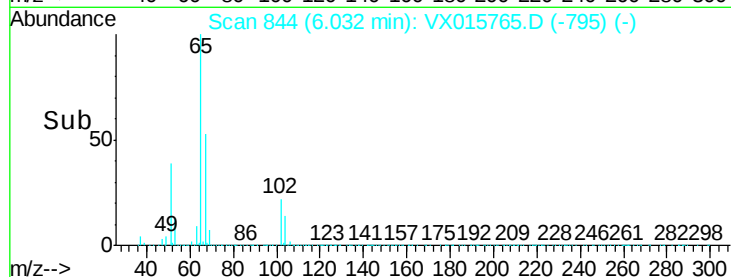
100000

50000

0

5.90 6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015765.D

Acq: 20 Apr 2020 15:04

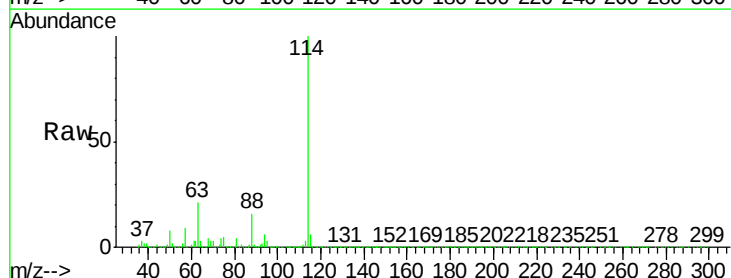
Tgt Ion: 114 Resp: 1610956

Ion Ratio Lower Upper

114 100

63 20.4 0.0 44.2

88 15.5 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

6.84

800000

600000

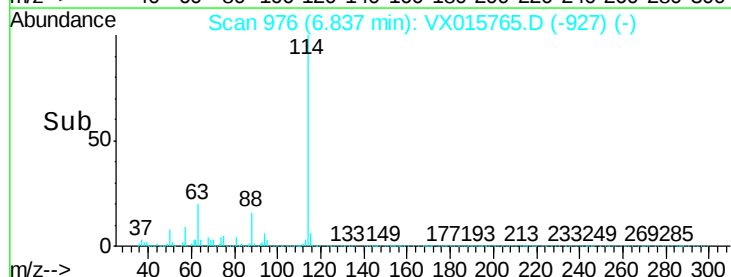
400000

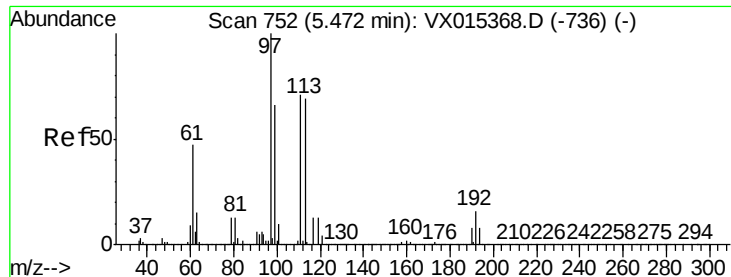
200000

0

6.70 6.80 6.90

Time-->





#35

Dibromofluoromethane

Concen: 48.221 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015765.D

Acq: 20 Apr 2020 15:04

Instrument :

MSVOA_X

ClientSampleId :

IBLK

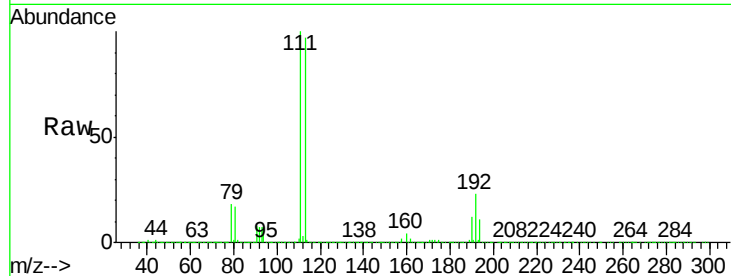
Tot Ion:113 Resp: 496563

Ion Ratio Lower Upper

113 100

111 103.3 81.5 122.3

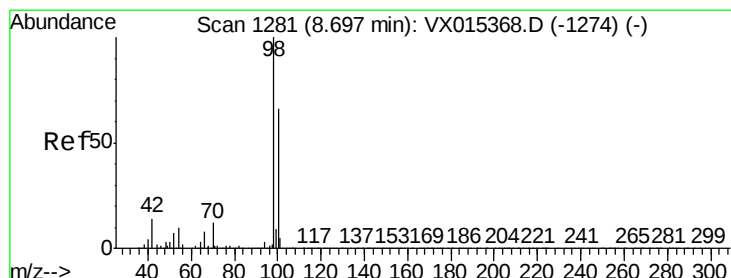
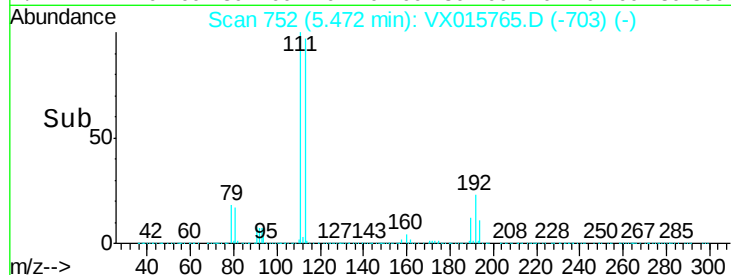
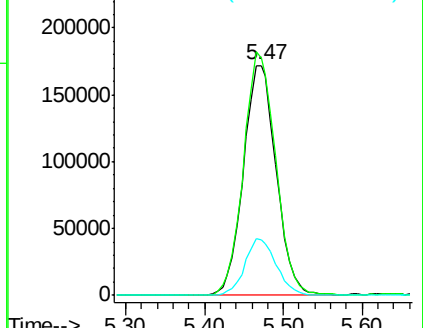
192 23.6 17.8 26.6



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: 50.843 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015765.D

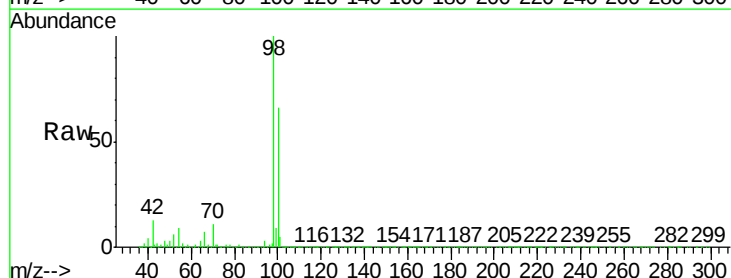
Acq: 20 Apr 2020 15:04

Tgt Ion: 98 Resp: 1927633

Ion Ratio Lower Upper

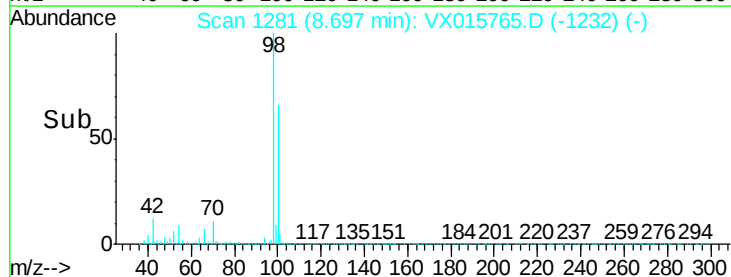
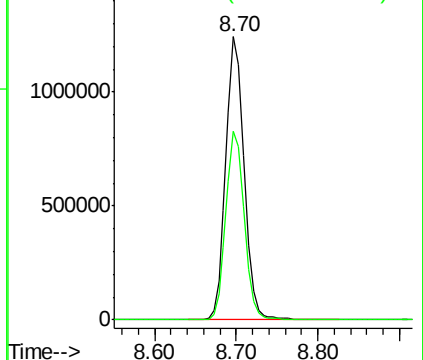
98 100

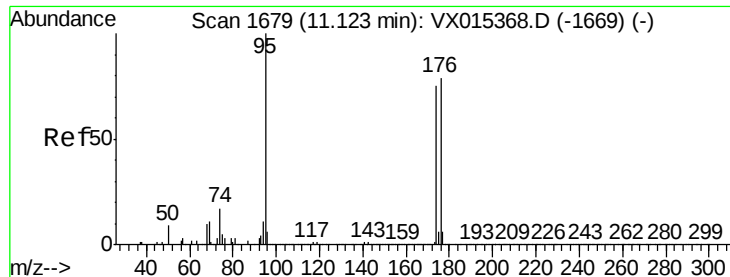
100 67.4 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX





#62

4-Bromofluorobenzene

Concen: 53.008 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015765.D

Acq: 20 Apr 2020 15:04

Instrument :

MSVOA_X

ClientSampleId :

IBLK

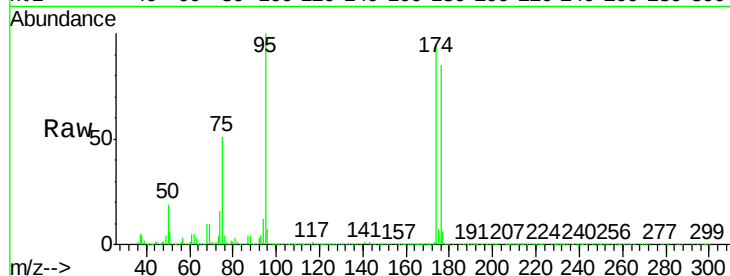
Tot Ion: 95 Resp: 816752

Ion Ratio Lower Upper

95 100

174 88.2 0.0 158.6

176 82.4 0.0 159.0



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

800000

600000

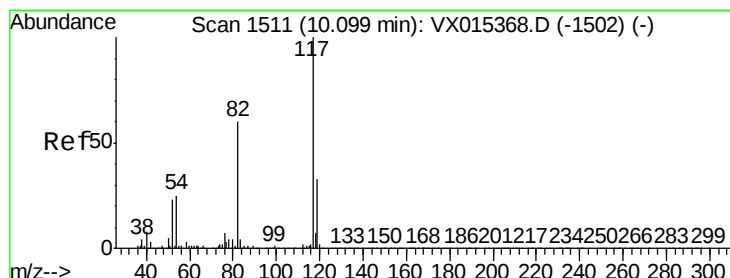
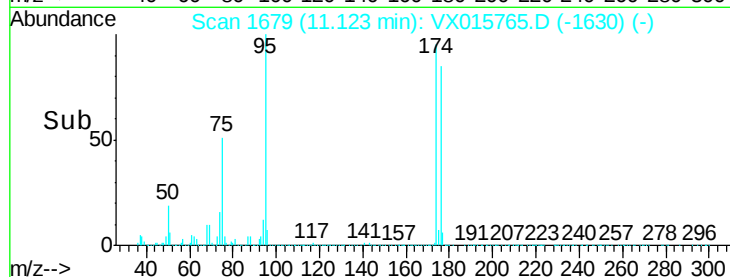
400000

200000

0

11.10 11.12 11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VX015765.D

Acq: 20 Apr 2020 15:04

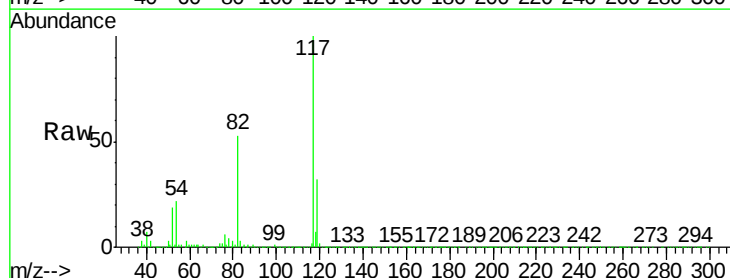
Tgt Ion: 117 Resp: 1566295

Ion Ratio Lower Upper

117 100

82 53.4 47.8 71.8

119 32.0 26.8 40.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

1500000

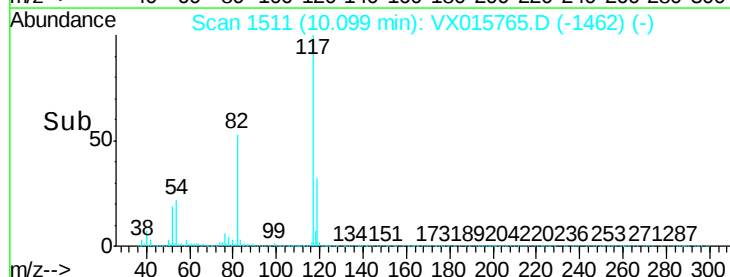
1000000

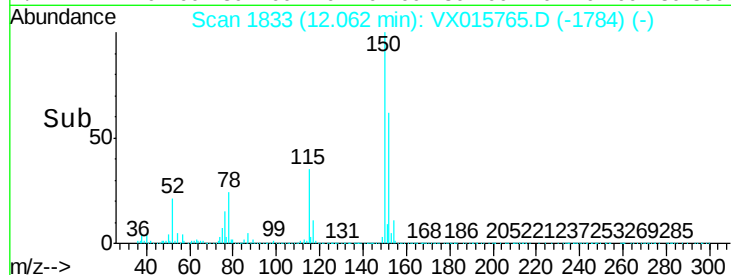
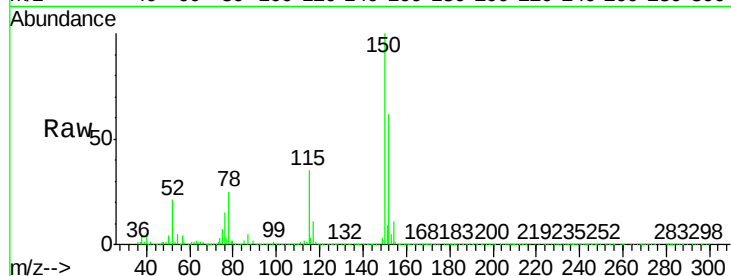
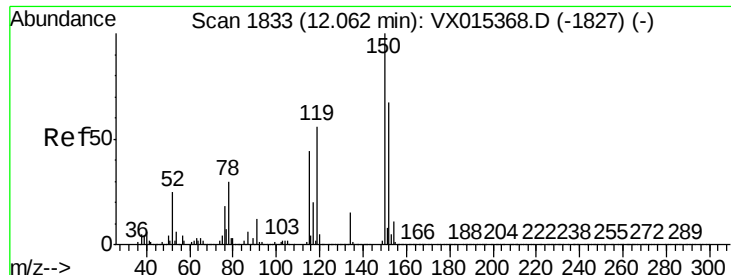
500000

0

10.00 10.10 10.20

Time-->





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX015765.D
 Acq: 20 Apr 2020 15:04

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.7	39.0	116.9
150	157.2	0.0	340.8

