

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070919\
 Data File : VX010758.D
 Acq On : 09 Jul 2019 18:07
 Operator : JC/SP
 Sample : PB121213TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB121213TB

Quant Time: Jul 10 04:29:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

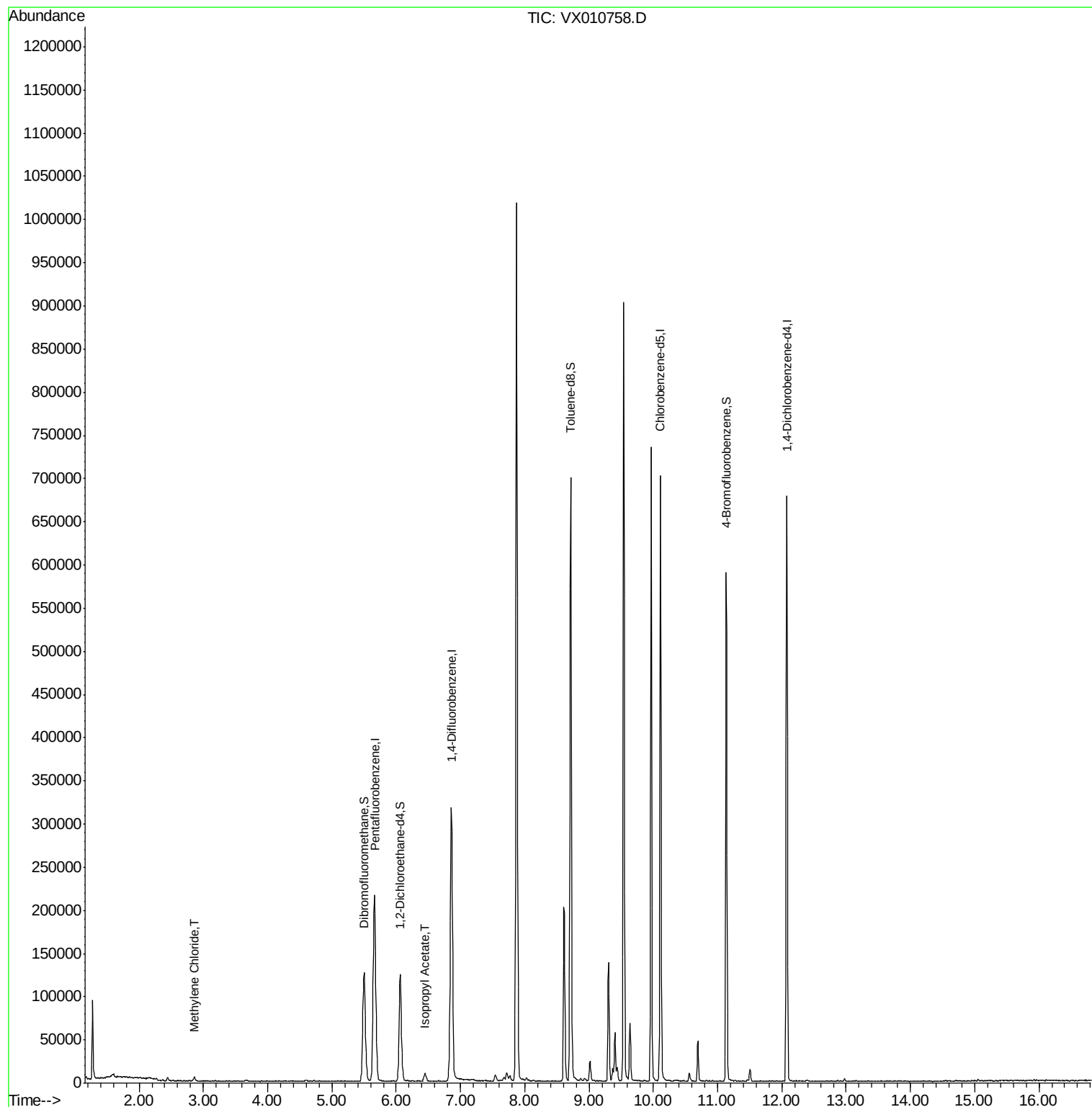
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	224483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	349996	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	329337	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	152433	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	113681	54.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.02%	
35) Dibromofluoromethane	5.50	113	105990	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
50) Toluene-d8	8.71	98	428976	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
62) 4-Bromofluorobenzene	11.13	95	145101	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
Target Compounds						
20) Methylene Chloride	2.86	84	2209	1.018	ug/l	88
43) Isopropyl Acetate	6.45	43	12511	2.643	ug/l	99

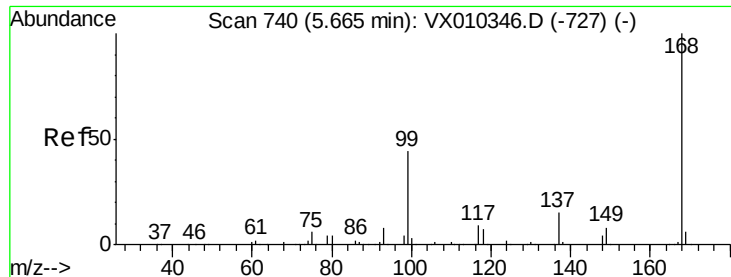
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010758.D

Acq: 09 Jul 2019 18:07

Instrument :

MSVOA_X

ClientSampled :

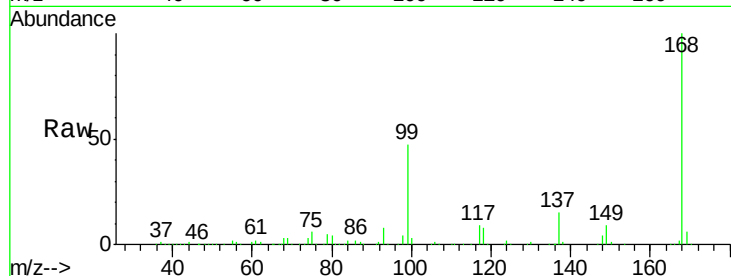
PB121213TB

Tot Ion:168 Resp: 224483

Ion Ratio Lower Upper

168 100

99 46.9 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

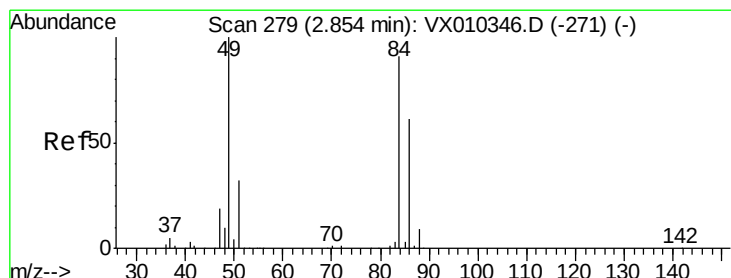
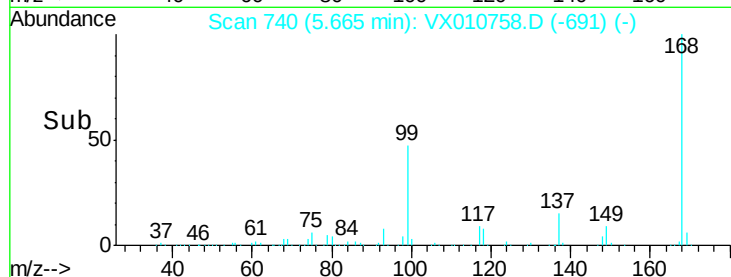
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 1.018 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX010758.D

Acq: 09 Jul 2019 18:07

Tgt Ion: 84 Resp: 2209

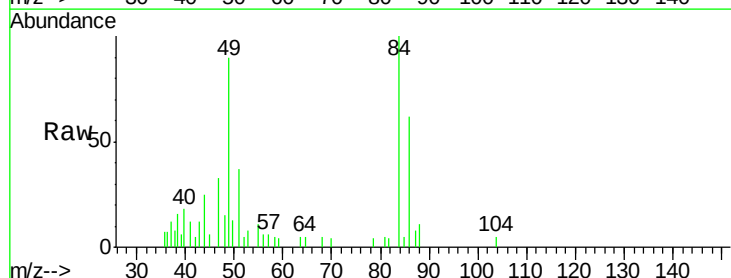
Ion Ratio Lower Upper

84 100

49 90.2 87.5 131.3

51 37.2 27.7 41.5

86 61.8 53.4 80.0



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

2.86

1500

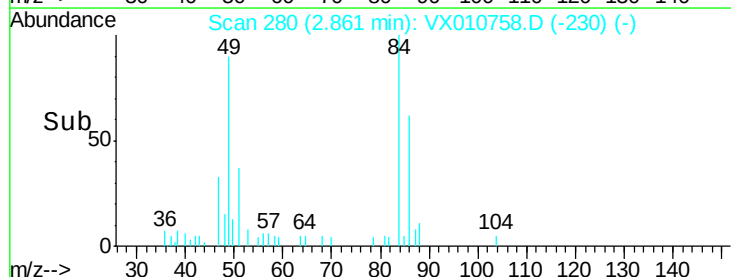
1000

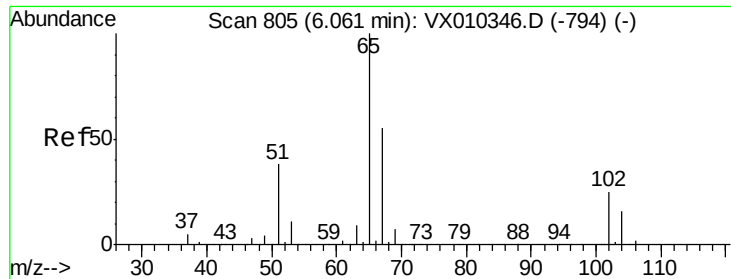
500

0

Time-->

2.80 2.85 2.90 2.95

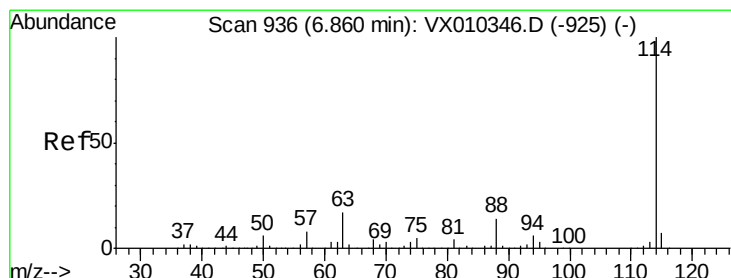
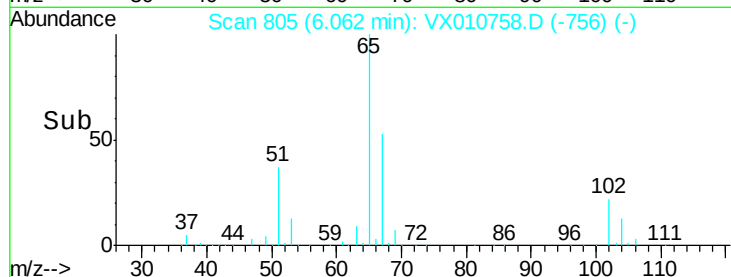
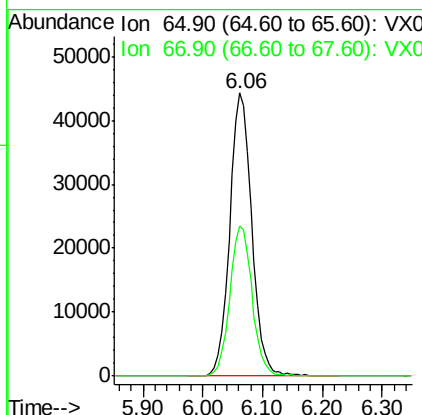
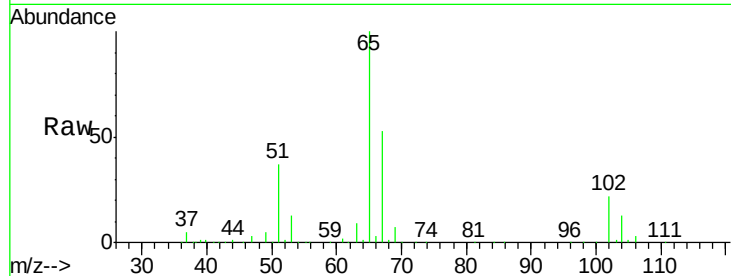




#33
 1,2-Dichloroethane-d4
 Concen: 54.012 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010758.D
 Acq: 09 Jul 2019 18:07

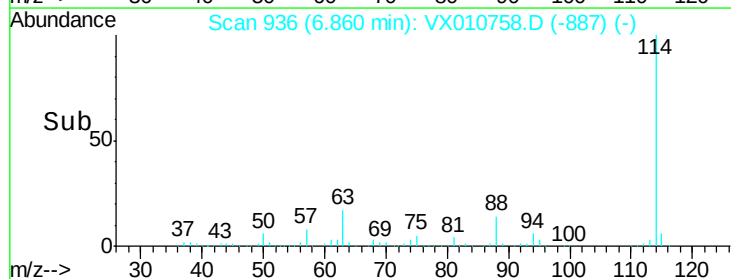
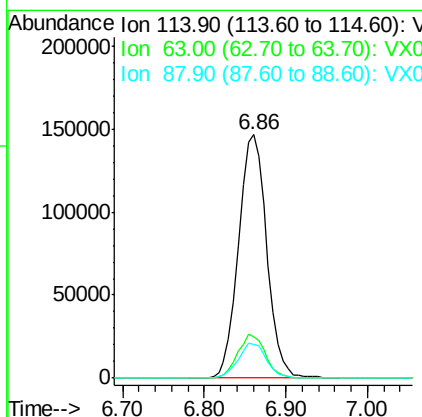
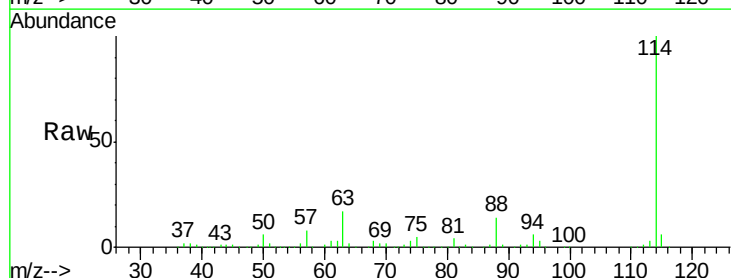
Instrument :
 MSVOA_X
 ClientSampleId :
 PB121213TB

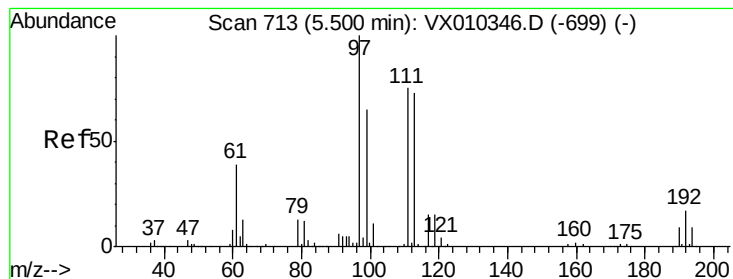
Tot Ion: 65 Resp: 113681
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010758.D
 Acq: 09 Jul 2019 18:07

Tgt Ion: 114 Resp: 349996
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 33.8
 88 14.1 0.0 27.6





#35

Dibromofluoromethane

Concen: 49.496 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010758.D

Acq: 09 Jul 2019 18:07

Instrument :

MSVOA_X

ClientSampled :

PB121213TB

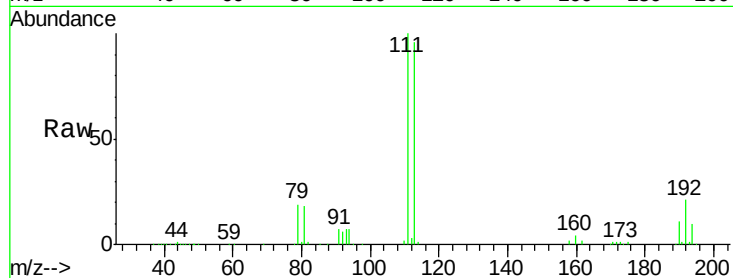
Tot Ion:113 Resp: 105990

Ion Ratio Lower Upper

113 100

111 102.6 81.2 121.8

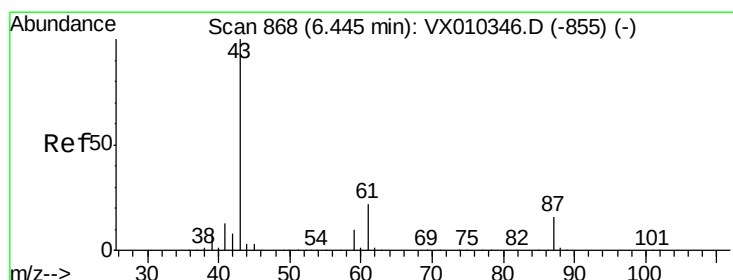
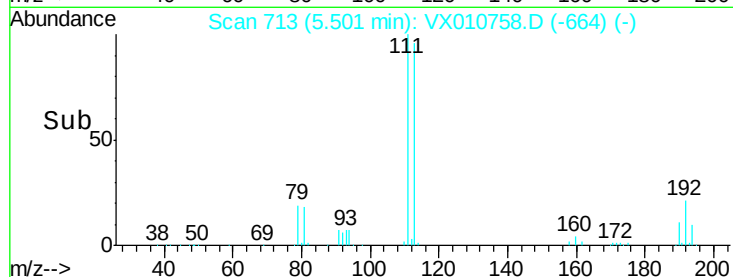
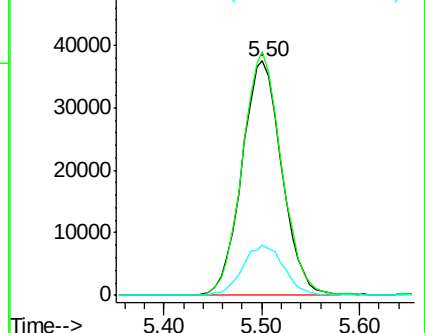
192 22.3 18.6 27.8



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



#43

Isopropyl Acetate

Concen: 2.643 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX010758.D

Acq: 09 Jul 2019 18:07

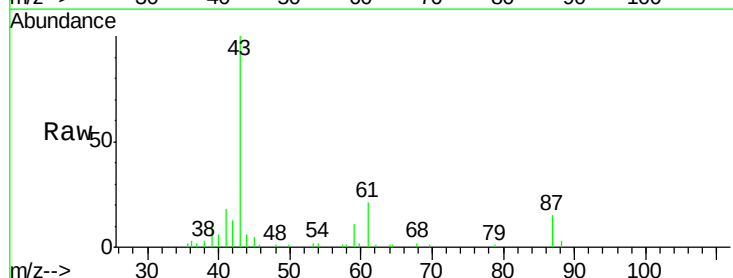
Tgt Ion: 43 Resp: 12511

Ion Ratio Lower Upper

43 100

61 23.2 17.8 26.6

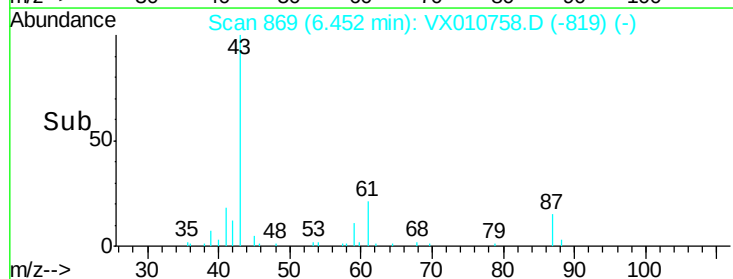
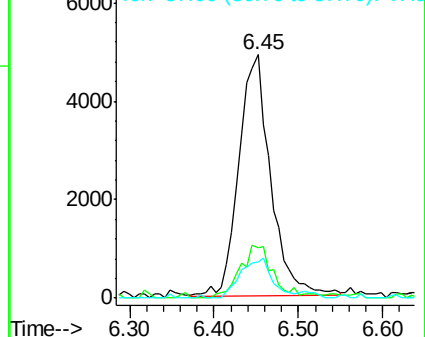
87 16.2 13.0 19.4

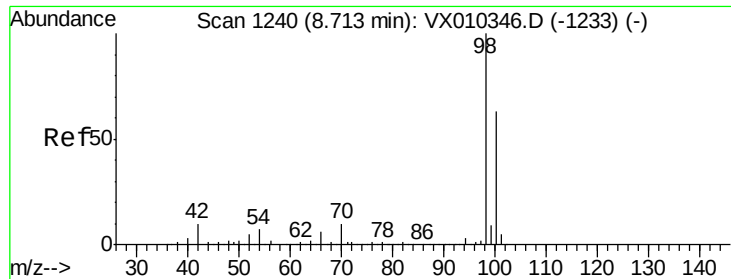


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 52.361 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010758.D

Acq: 09 Jul 2019 18:07

Instrument :

MSVOA_X

ClientSampleId :

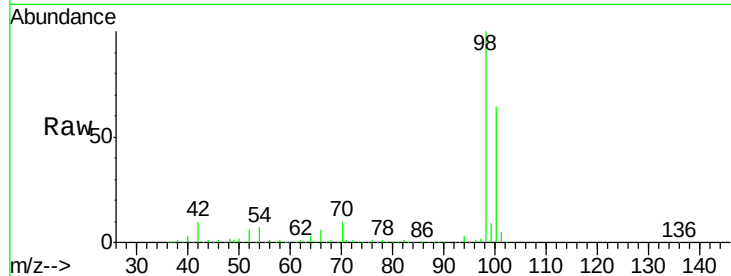
PB121213TB

Tot Ion: 98 Resp: 428976

Ion Ratio Lower Upper

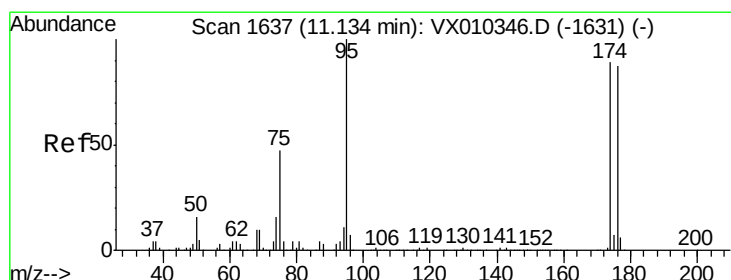
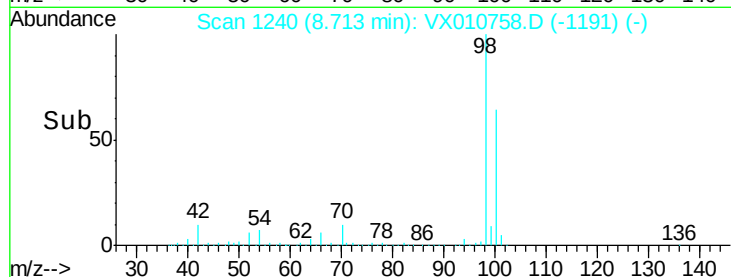
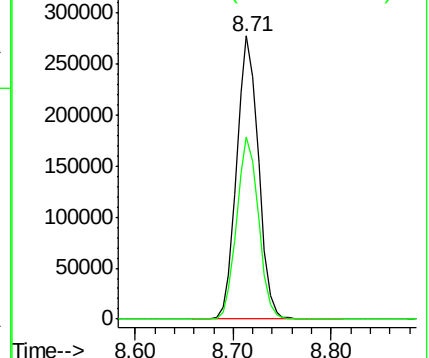
98 100

100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 49.058 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010758.D

Acq: 09 Jul 2019 18:07

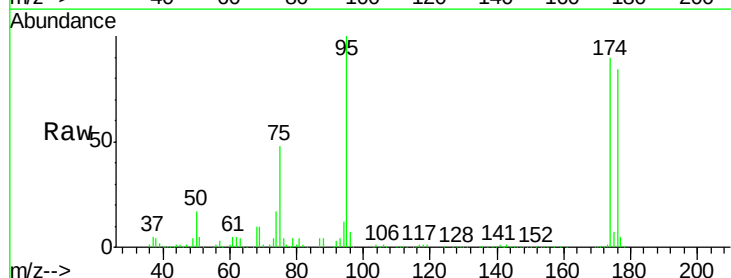
Tgt Ion: 95 Resp: 145101

Ion Ratio Lower Upper

95 100

174 94.0 0.0 187.6

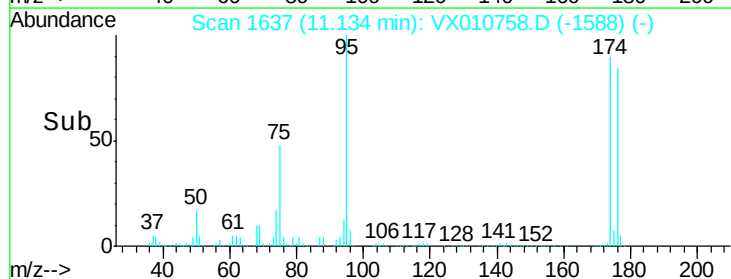
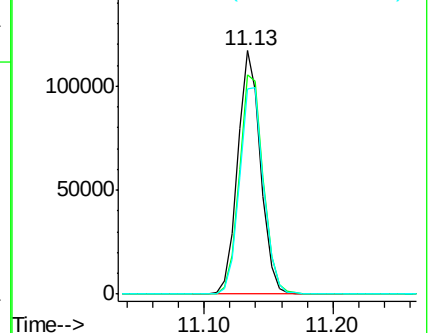
176 89.1 0.0 184.0

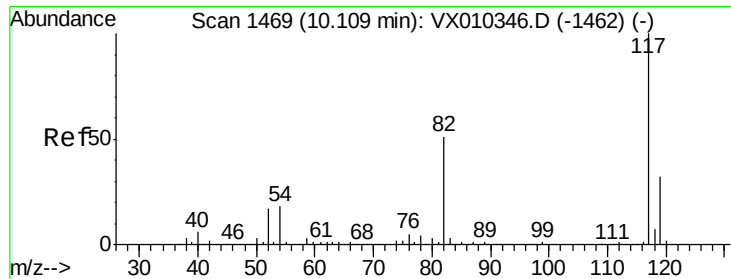


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010758.D

Acq: 09 Jul 2019 18:07

Instrument :

MSVOA_X

ClientSampled :

PB121213TB

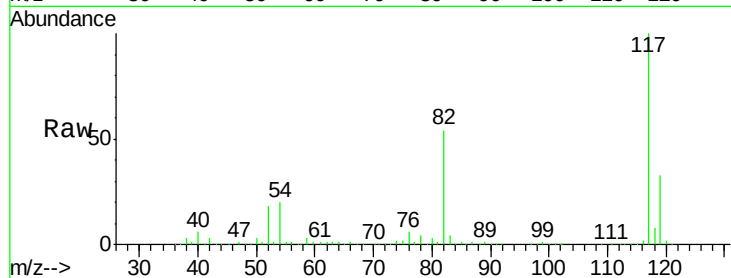
Tot Ion:117 Resp: 329337

Ion Ratio Lower Upper

117 100

82 53.5 41.2 61.8

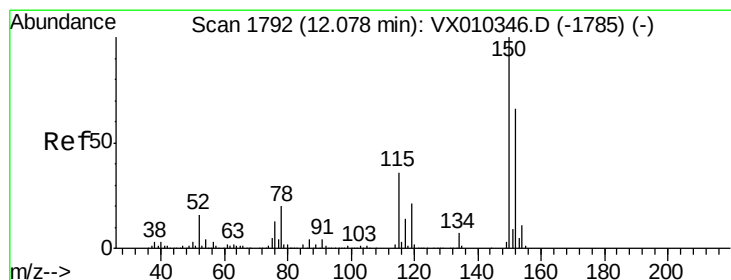
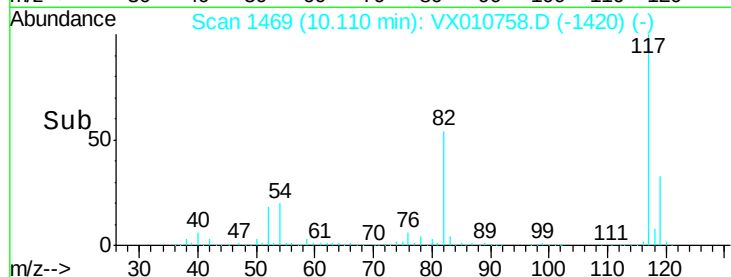
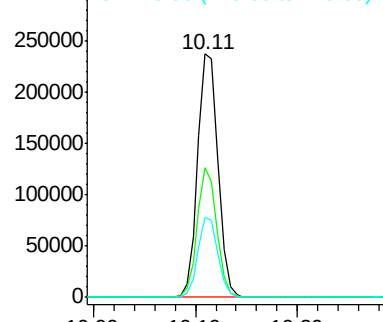
119 32.8 25.5 38.3



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010758.D

Acq: 09 Jul 2019 18:07

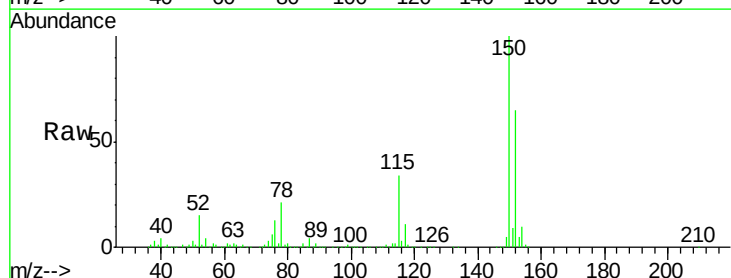
Tgt Ion:152 Resp: 152433

Ion Ratio Lower Upper

152 100

115 54.2 38.6 115.7

150 154.6 0.0 347.4



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

