

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
 Data File : VX009706.D
 Acq On : 18 May 2019 09:46
 Operator : JC/SP
 Sample : K2901-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9D_R2

Quant Time: May 20 04:42:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

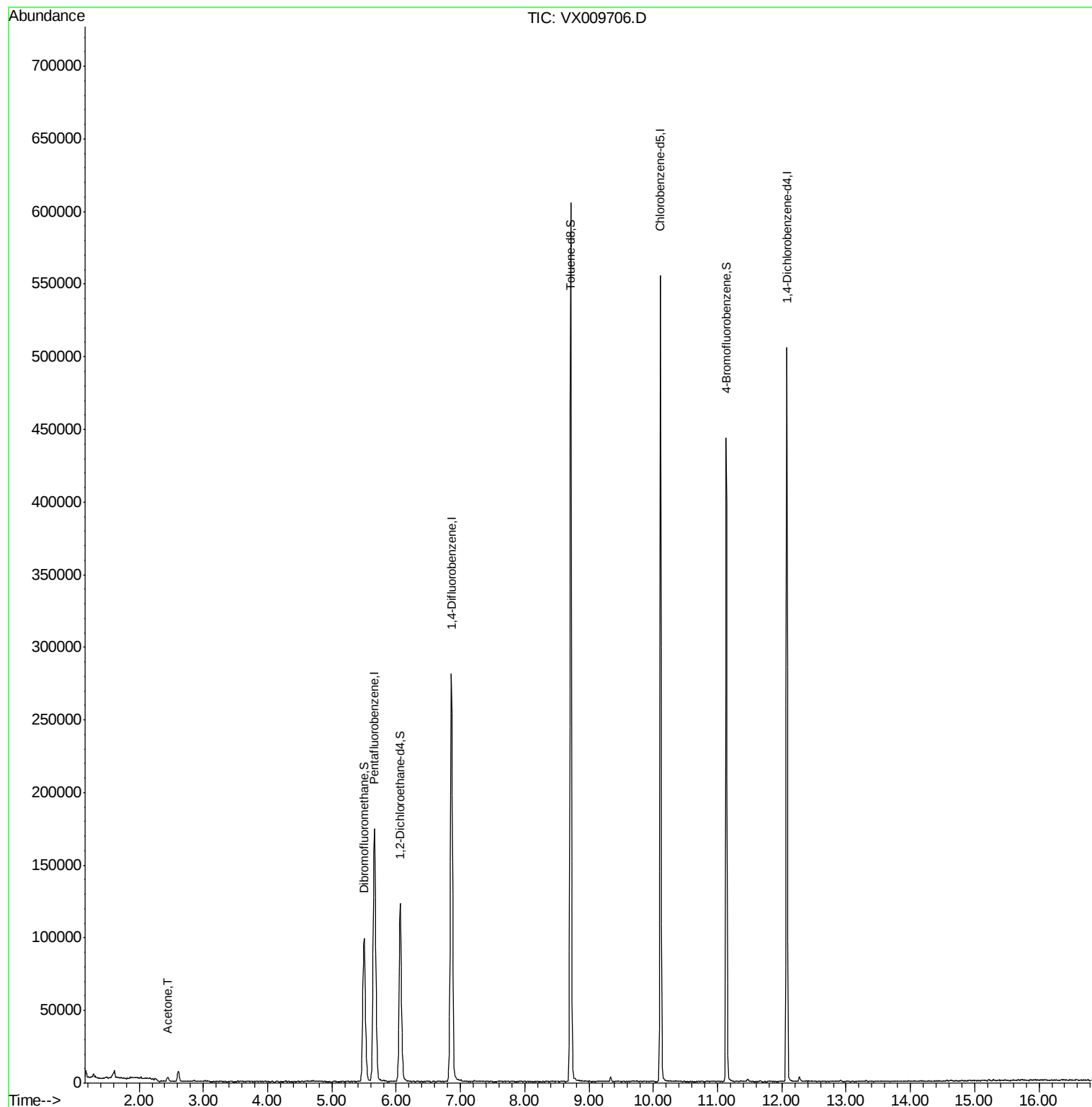
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	172298	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	275270	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	102315	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116400	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
35) Dibromofluoromethane	5.50	113	84699	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
50) Toluene-d8	8.71	98	344232	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	11.13	95	113666	44.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.56%	
Target Compounds						
16) Acetone	2.45	43	3566	2.824	ug/l	Qvalue 94

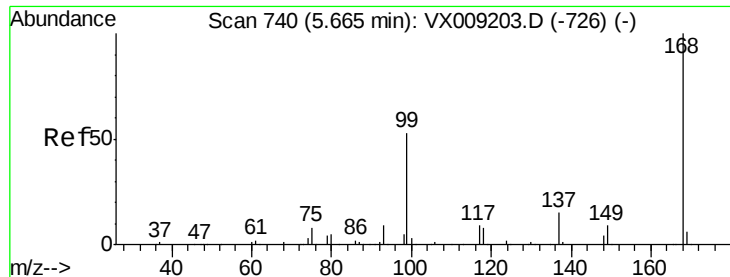
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009706.D

Acq: 18 May 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

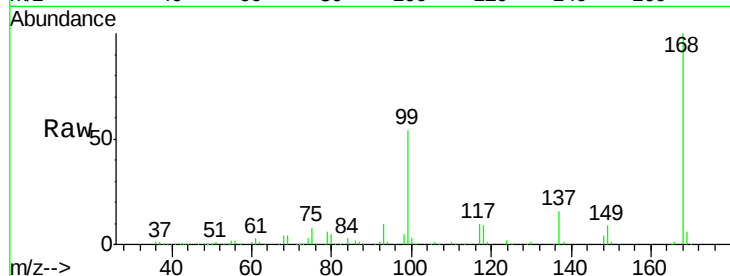
MW-9D_R2

Tot Ion:168 Resp: 172298

Ion Ratio Lower Upper

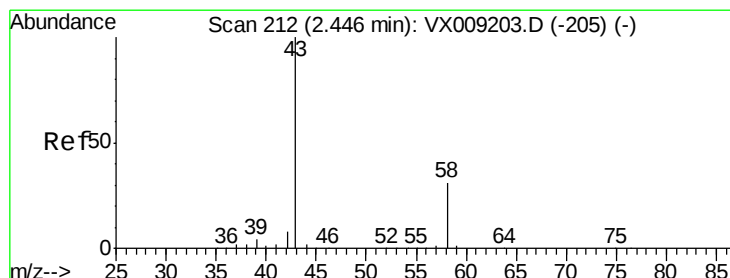
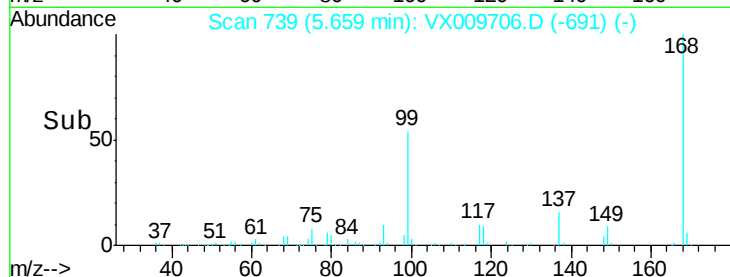
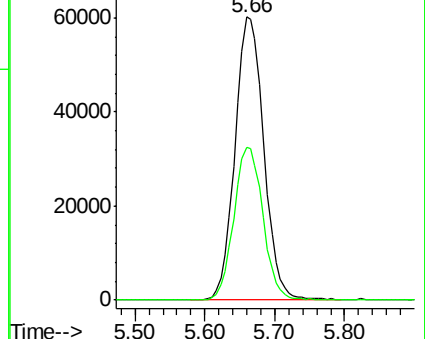
168 100

99 54.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.824 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009706.D

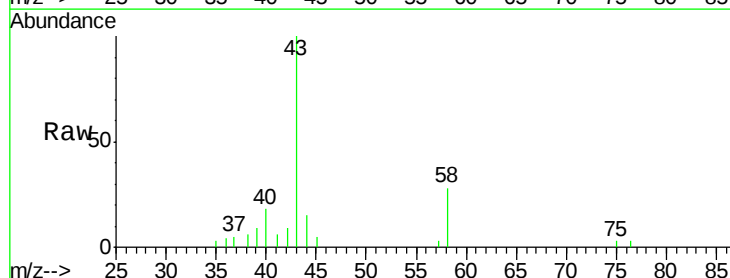
Acq: 18 May 2019 09:46

Tgt Ion: 43 Resp: 3566

Ion Ratio Lower Upper

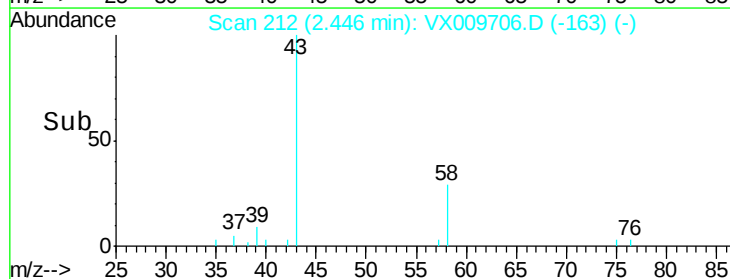
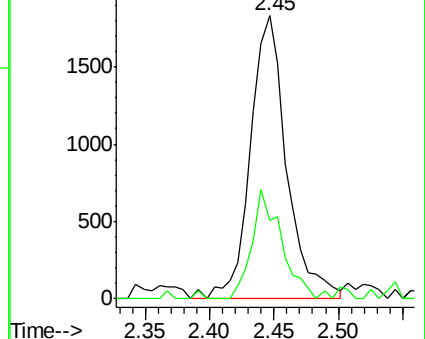
43 100

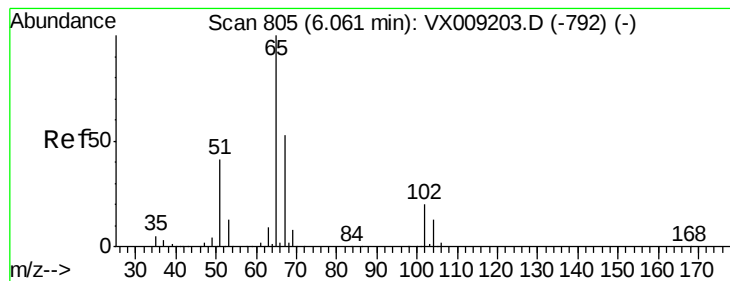
58 27.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.488 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009706.D

Acq: 18 May 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

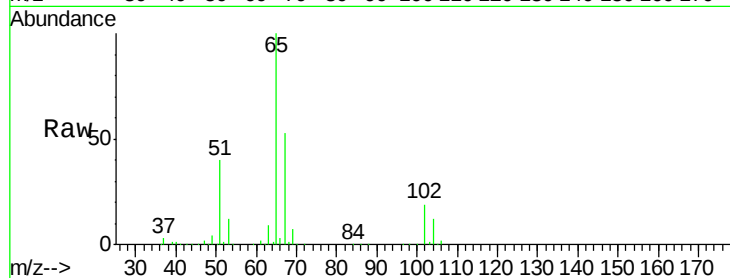
MW-9D_R2

Tot Ion: 65 Resp: 116400

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

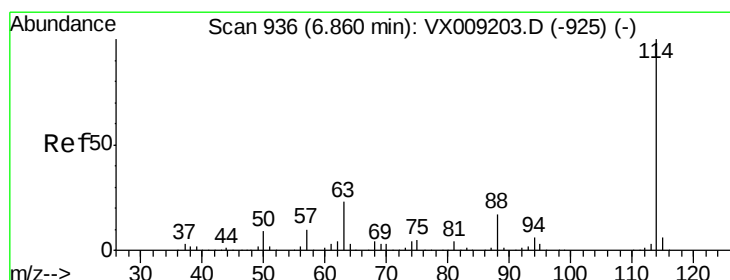
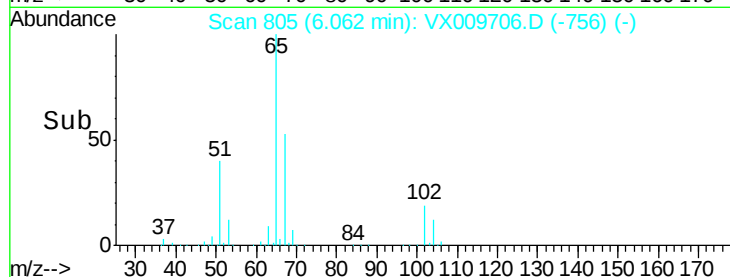
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009706.D

Acq: 18 May 2019 09:46

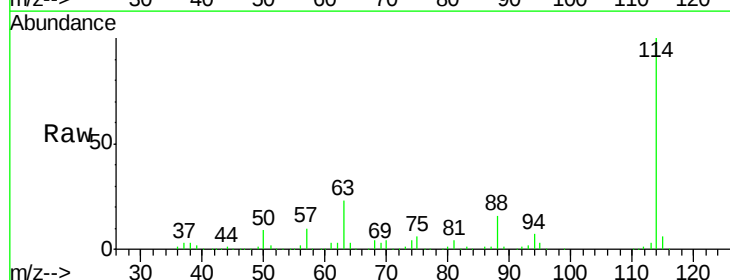
Tgt Ion: 114 Resp: 275270

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.6

88 15.8 0.0 33.2



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

6.86

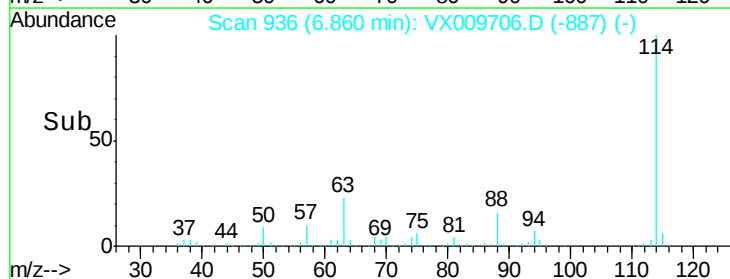
150000

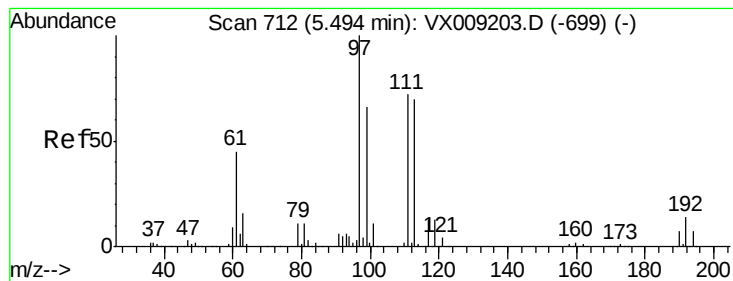
100000

50000

0

Time--> 6.70 6.80 6.90 7.00 7.10





#35

Dibromofluoromethane

Concen: 48.946 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009706.D

Acq: 18 May 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

MW-9D_R2

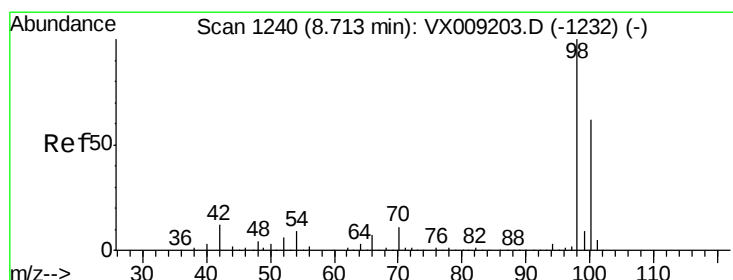
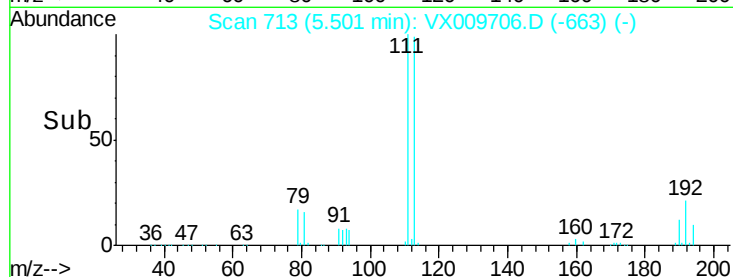
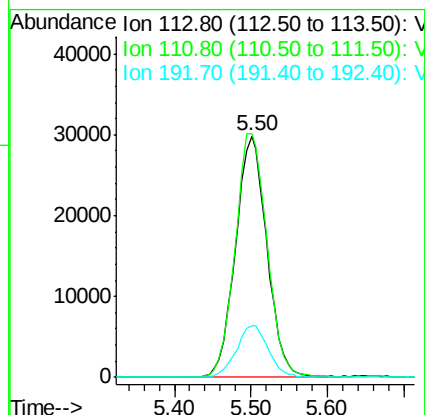
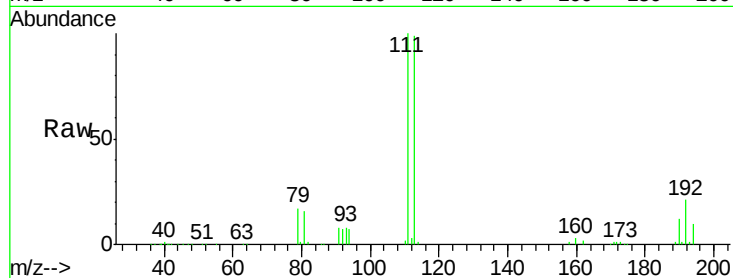
Tot Ion:113 Resp: 84699

Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

192 22.0 17.0 25.6



#50

Toluene-d8

Concen: 49.273 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009706.D

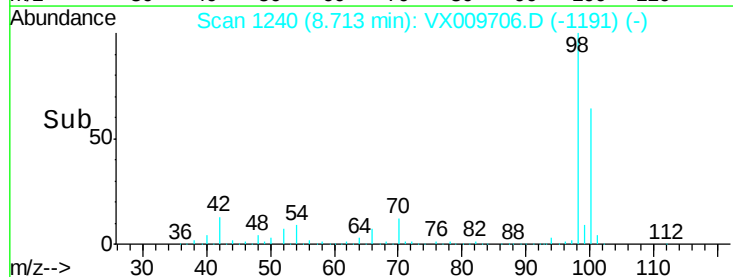
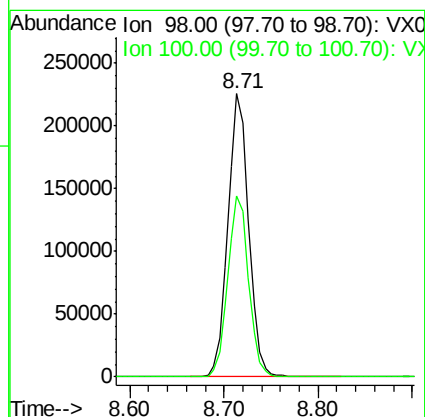
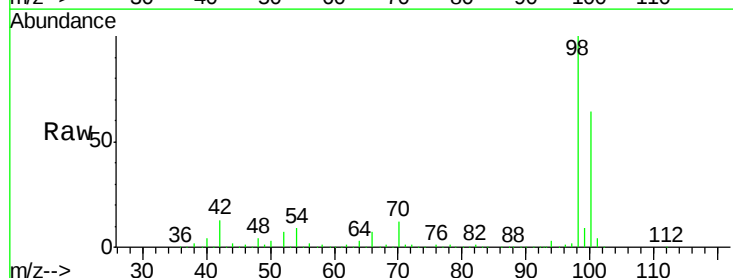
Acq: 18 May 2019 09:46

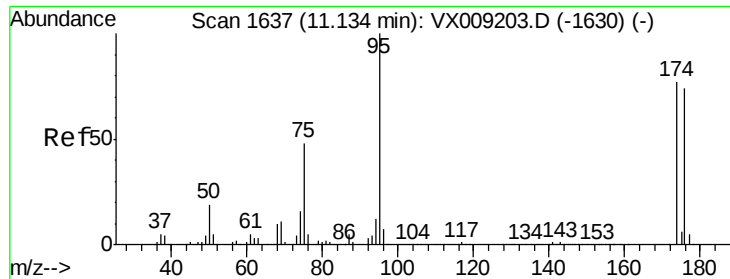
Tgt Ion: 98 Resp: 344232

Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 44.776 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009706.D

Acq: 18 May 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

MW-9D_R2

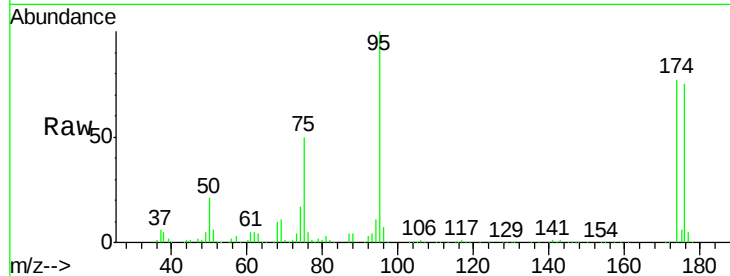
Tot Ion: 95 Resp: 113666

Ion Ratio Lower Upper

95 100

174 82.7 0.0 161.6

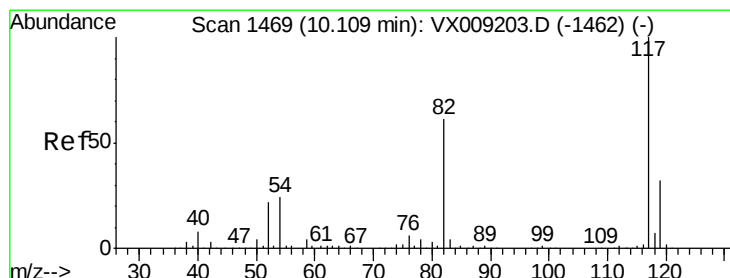
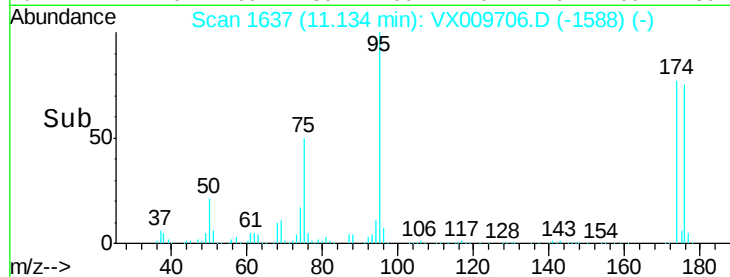
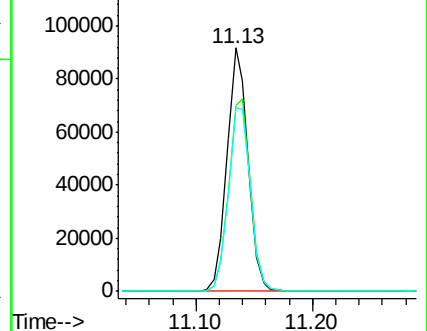
176 79.9 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009706.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009706.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009706.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009706.D

Acq: 18 May 2019 09:46

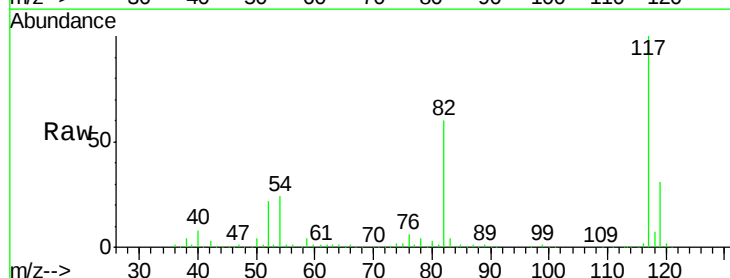
Tgt Ion: 117 Resp: 246299

Ion Ratio Lower Upper

117 100

82 60.3 48.8 73.2

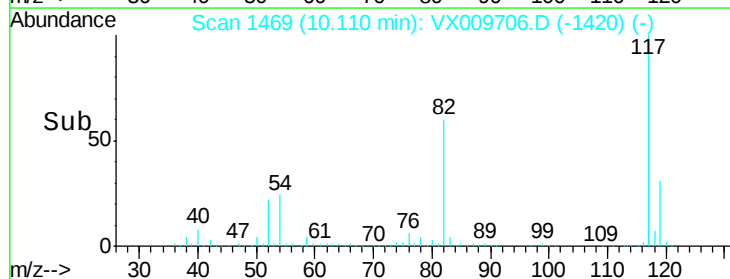
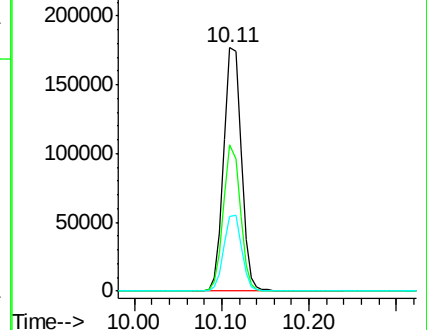
119 30.7 25.8 38.6

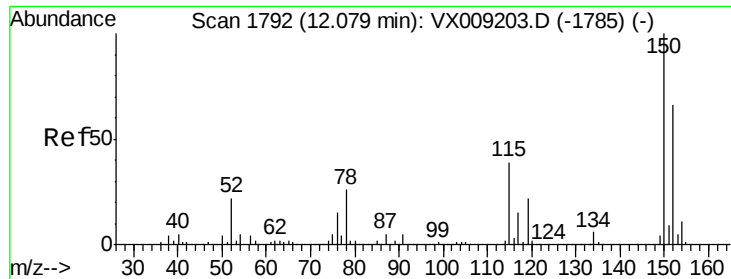


Abundance Ion 116.90 (116.60 to 117.60): VX009706.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009706.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009706.D (-1420) (-)

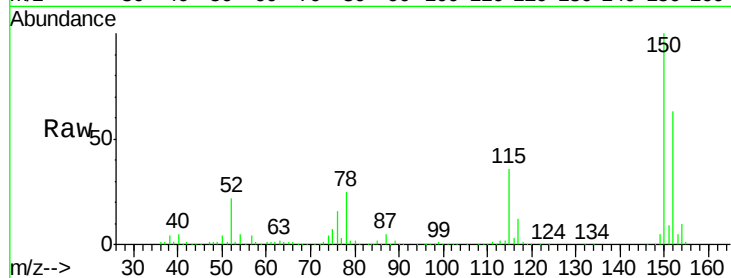




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009706.D
 Acq: 18 May 2019 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9D_R2

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.7	41.2	123.6
150	156.5	0.0	346.4



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

