

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071119\
 Data File : VX010805.D
 Acq On : 11 Jul 2019 14:27
 Operator : JC/SP
 Sample : K3749-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB071019

Quant Time: Jul 12 13:09:16 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

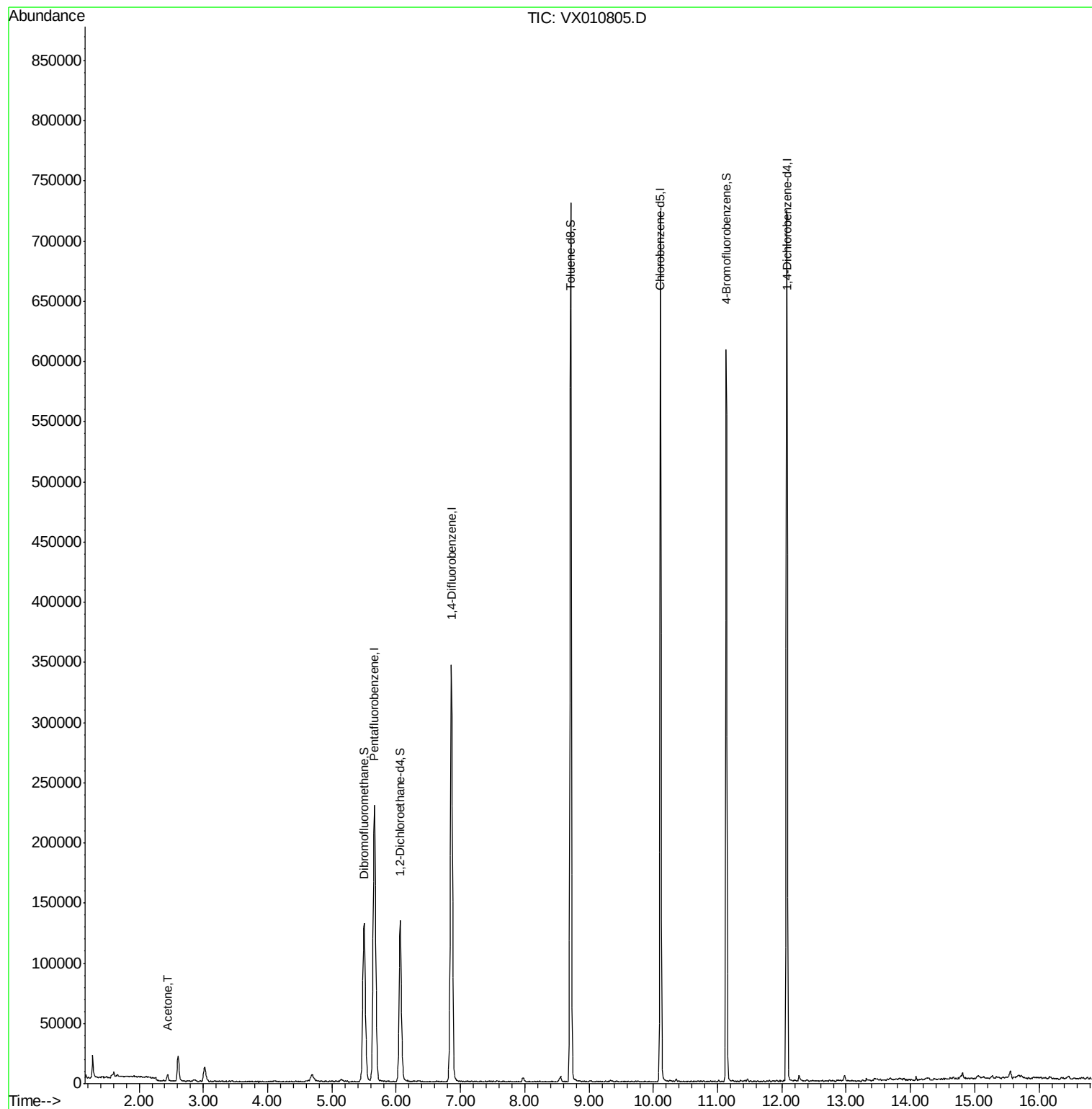
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	235684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	367371	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	340045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	156856	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	120391	54.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.96%	
35) Dibromofluoromethane	5.50	113	111176	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
50) Toluene-d8	8.71	98	440576	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
62) 4-Bromofluorobenzene	11.13	95	150388	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
Target Compounds						
16) Acetone	2.45	43	5659	5.110	ug/l	Qvalue 91

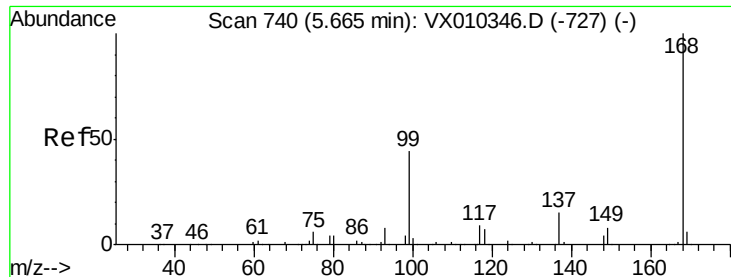
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX010805.D

Acq: 11 Jul 2019 14:27

Instrument :

MSVOA_X

ClientSampleId :

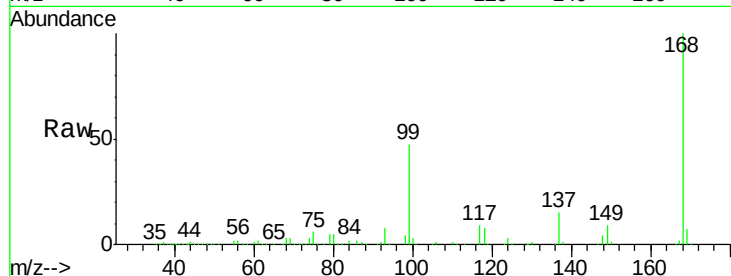
FB071019

Tot Ion:168 Resp: 235684

Ion Ratio Lower Upper

168 100

99 47.5 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

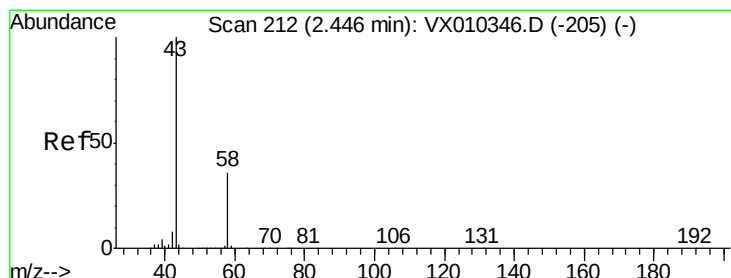
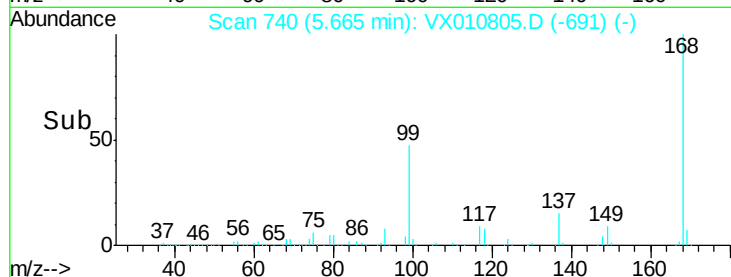
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.110 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010805.D

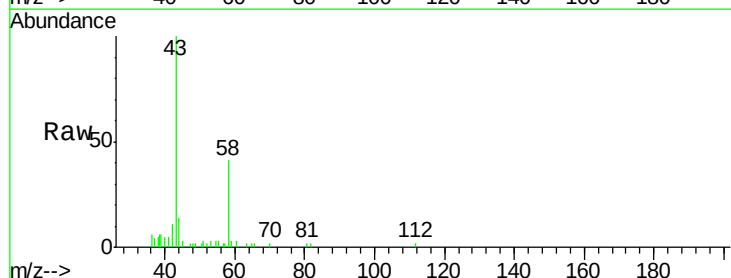
Acq: 11 Jul 2019 14:27

Tgt Ion: 43 Resp: 5659

Ion Ratio Lower Upper

43 100

58 41.4 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

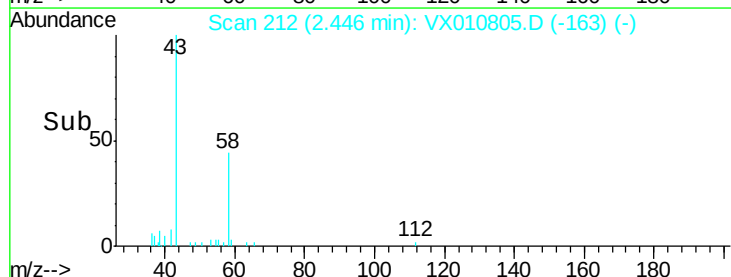
3000

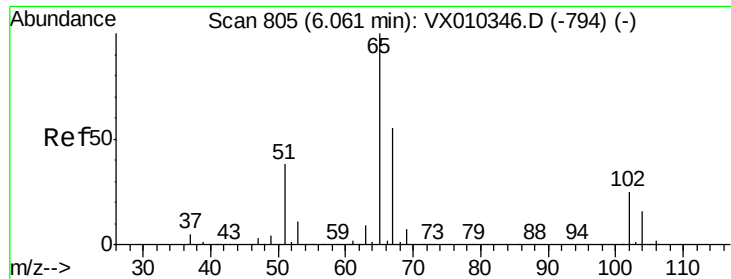
2000

1000

0

Time--> 2.35 2.40 2.45 2.50 2.55

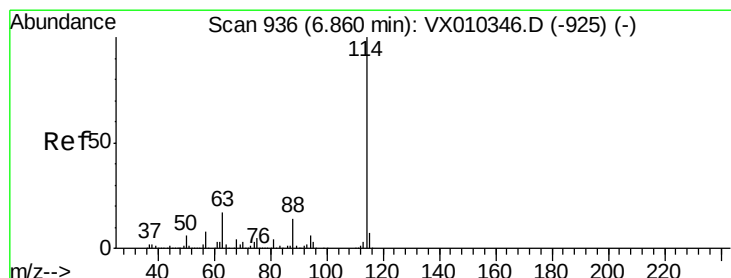
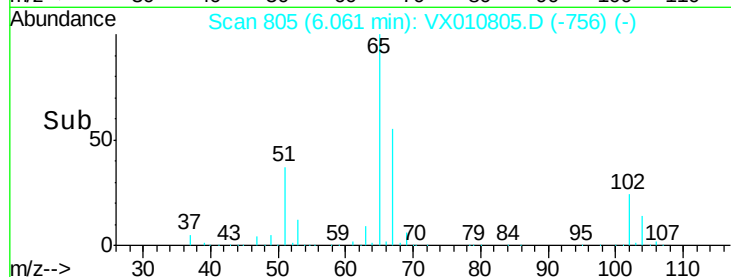
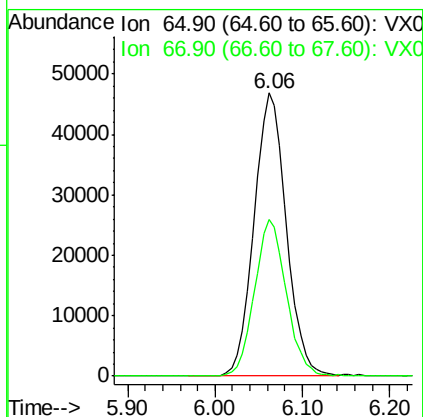
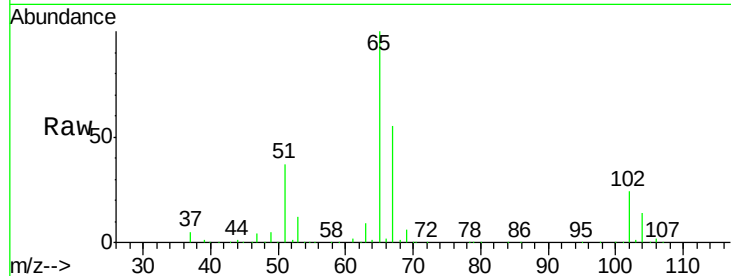




#33
 1,2-Dichloroethane-d4
 Concen: 54.481 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010805.D
 Acq: 11 Jul 2019 14:27

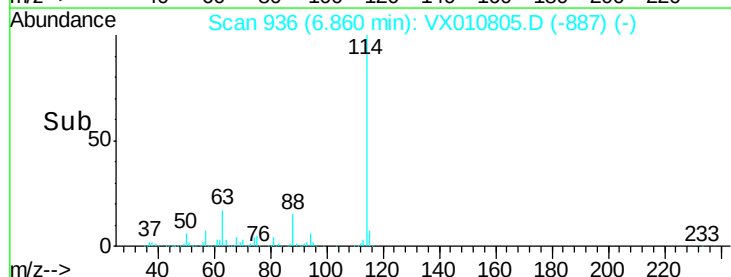
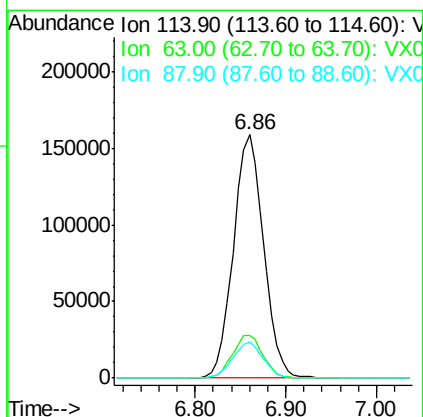
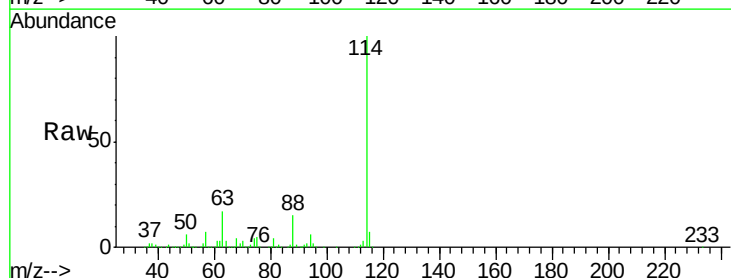
Instrument :
 MSVOA_X
 ClientSampleId :
 FB071019

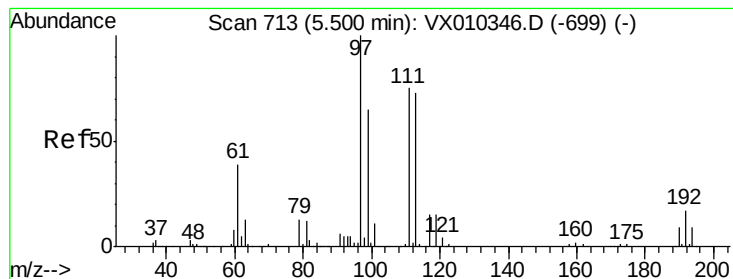
Tot Ion: 65 Resp: 120391
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010805.D
 Acq: 11 Jul 2019 14:27

Tgt Ion: 114 Resp: 367371
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 33.8
 88 15.0 0.0 27.6





#35

Dibromofluoromethane

Concen: 49.462 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010805.D

Acq: 11 Jul 2019 14:27

Instrument :

MSVOA_X

ClientSampleId :

FB071019

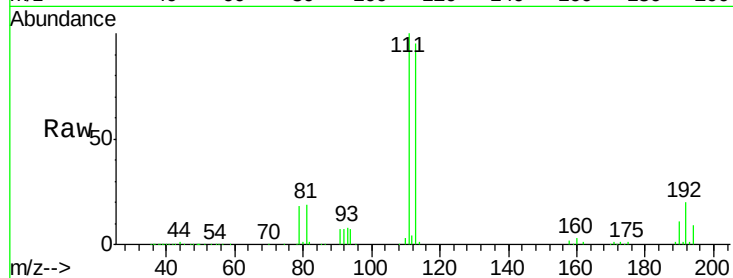
Tot Ion:113 Resp: 111176

Ion Ratio Lower Upper

113 100

111 102.6 81.2 121.8

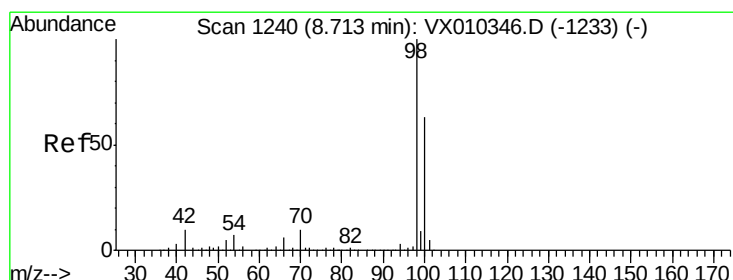
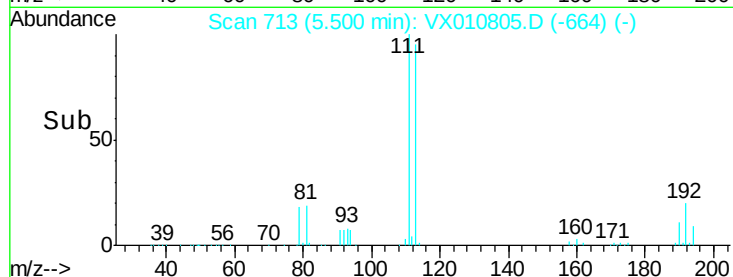
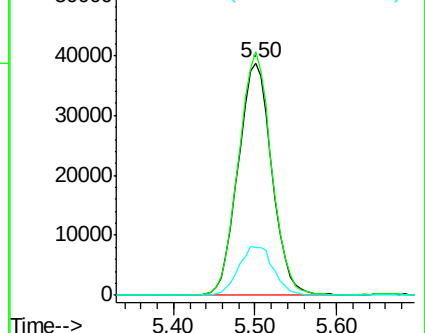
192 21.8 18.6 27.8



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



#50

Toluene-d8

Concen: 51.234 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010805.D

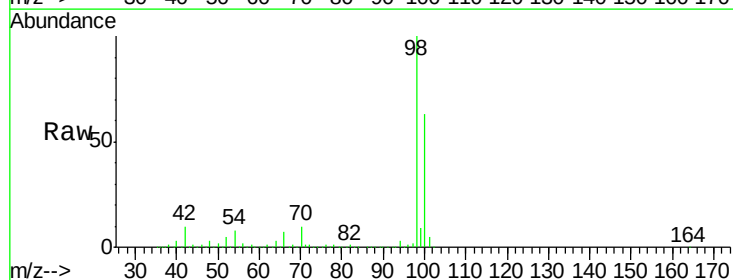
Acq: 11 Jul 2019 14:27

Tgt Ion: 98 Resp: 440576

Ion Ratio Lower Upper

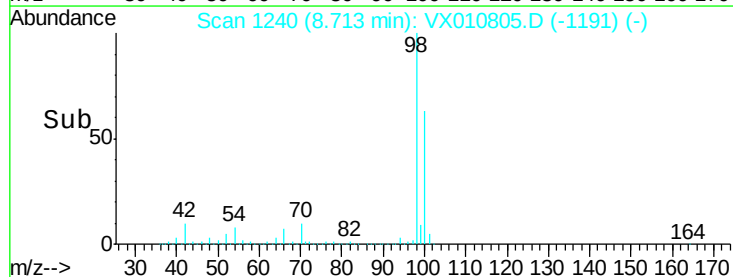
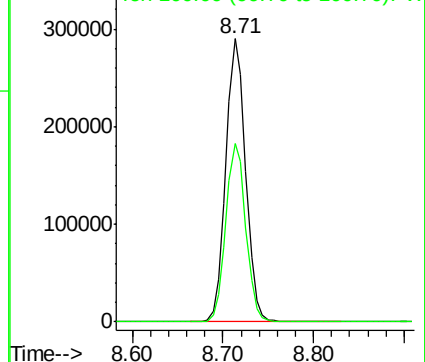
98 100

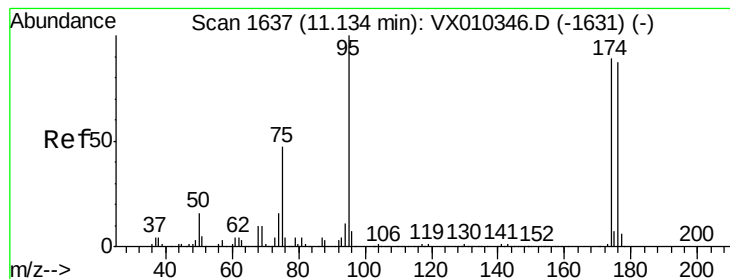
100 63.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.441 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010805.D

Acq: 11 Jul 2019 14:27

Instrument :

MSVOA_X

ClientSampleId :

FB071019

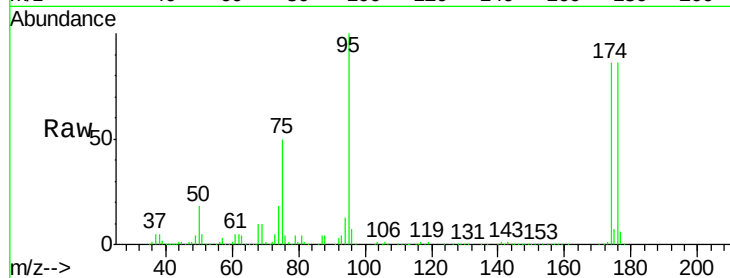
Tot Ion: 95 Resp: 150388

Ion Ratio Lower Upper

95 100

174 92.5 0.0 187.6

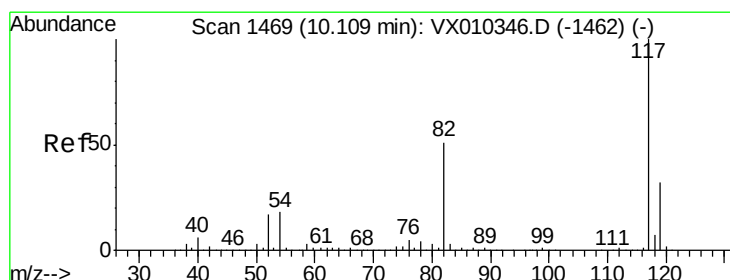
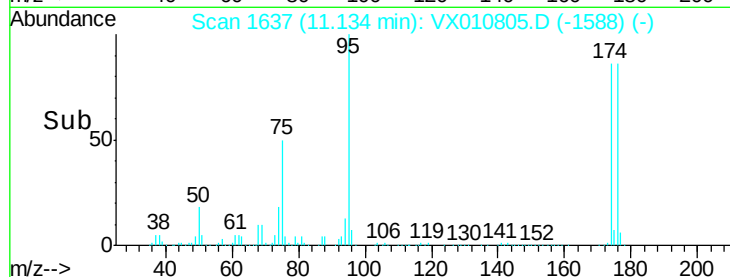
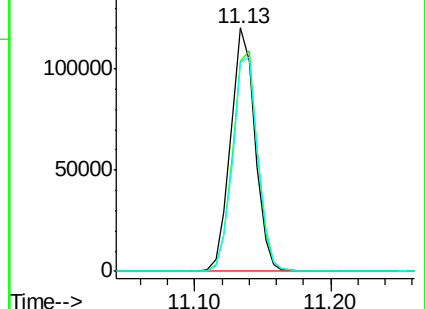
176 91.0 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010346.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010346.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010346.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010805.D

Acq: 11 Jul 2019 14:27

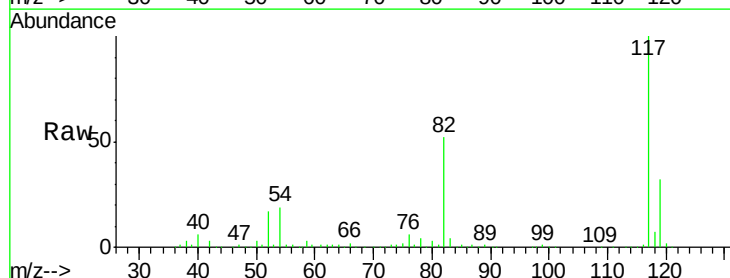
Tgt Ion: 117 Resp: 340045

Ion Ratio Lower Upper

117 100

82 52.3 41.2 61.8

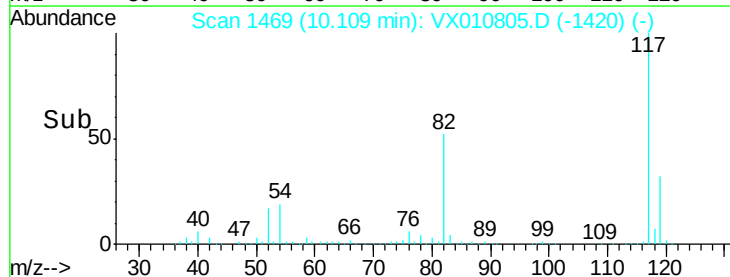
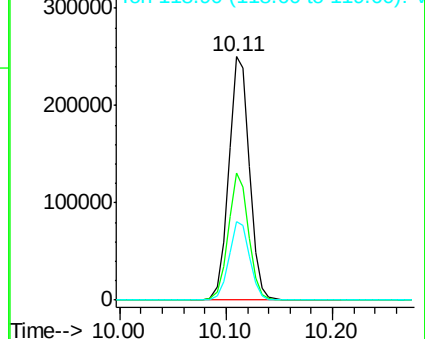
119 32.3 25.5 38.3

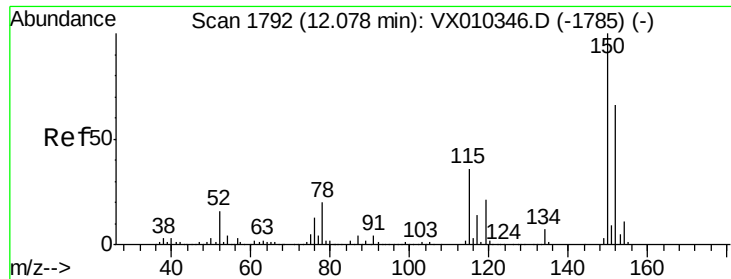


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010346.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010346.D (-1462) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010805.D

Acq: 11 Jul 2019 14:27

Instrument :

MSVOA_X

ClientSampleId :

FB071019

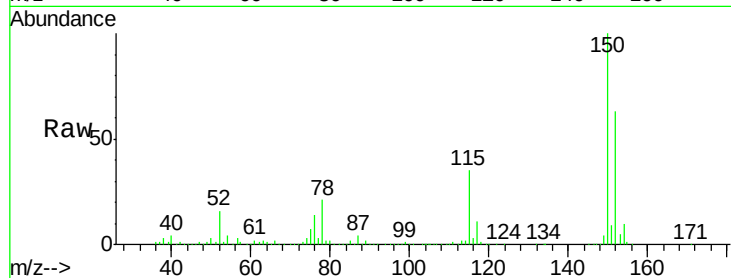
Tot Ion:152 Resp: 156856

Ion Ratio Lower Upper

152 100

115 55.9 38.6 115.7

150 157.1 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

