

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006125.D
 Acq On : 21 Nov 2018 15:40
 Operator : JC/MD
 Sample : J6016-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-112018

Quant Time: Nov 22 03:07:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

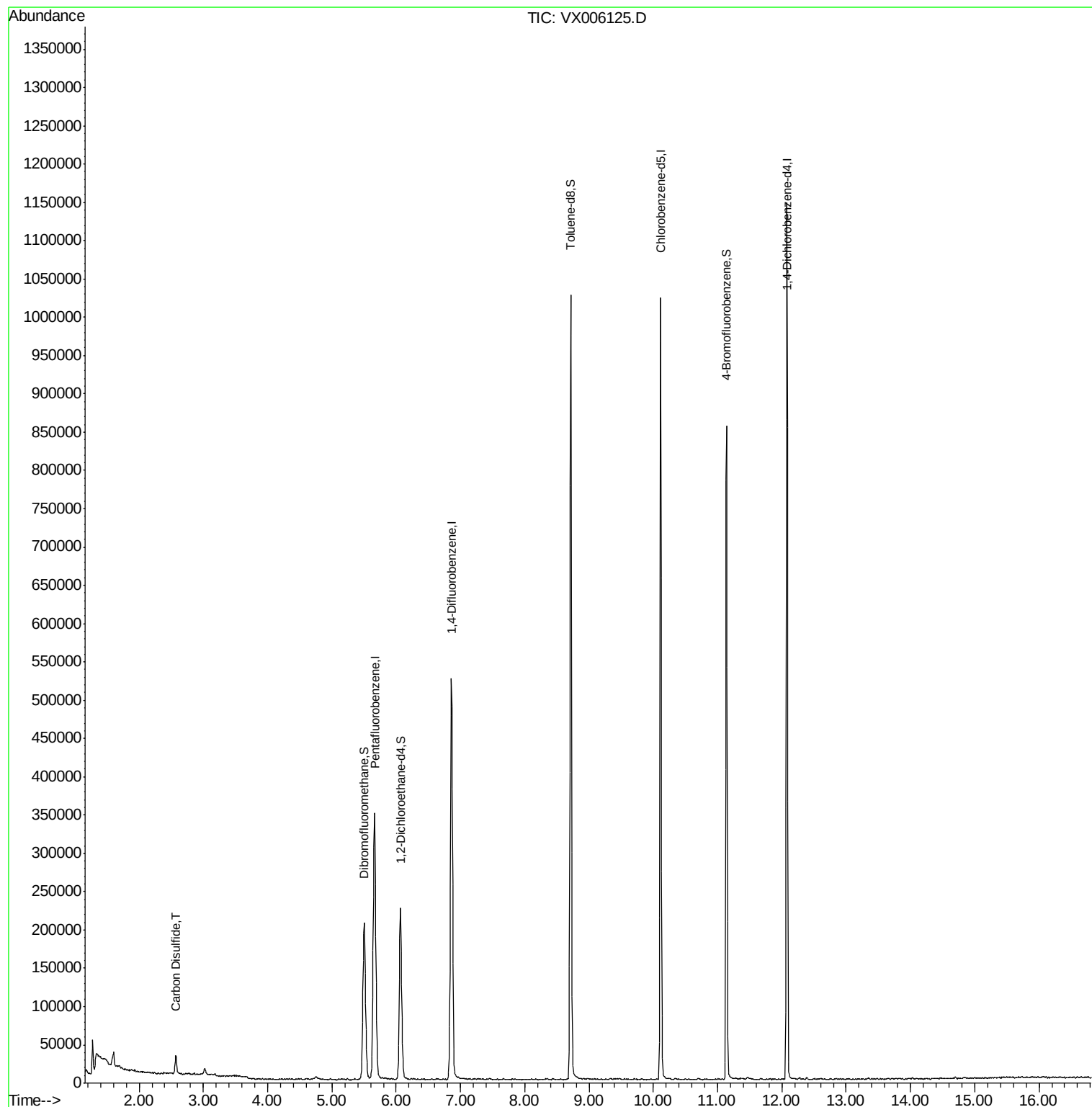
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	351659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	521800	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	479493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236620	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	216326	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.18%	
35) Dibromofluoromethane	5.50	113	172664	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
50) Toluene-d8	8.71	98	631387	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	11.14	95	214960	44.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.68%	
Target Compounds						
17) Carbon Disulfide	2.57	76	30350	4.427	ug/l	Qvalue 95

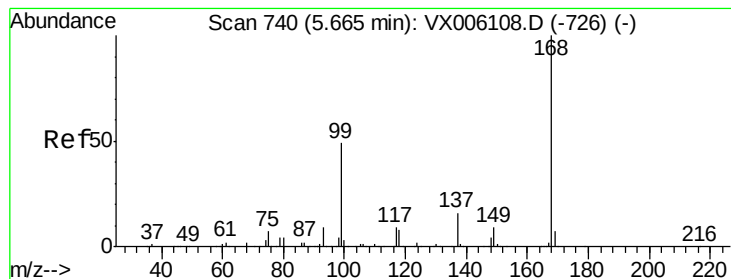
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006125.D

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Instrument :

MSVOA_X

ClientSampleId :

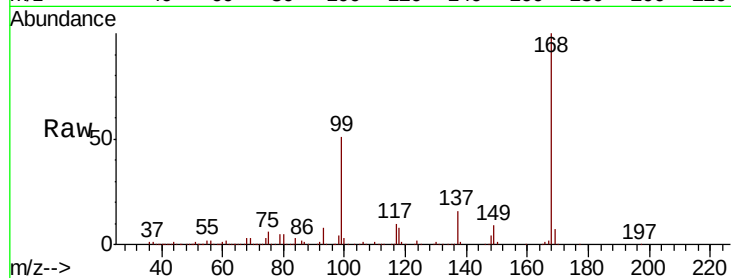
FB-112018

Tot Ion:168 Resp: 351659

Ion Ratio Lower Upper

168 100

99 51.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

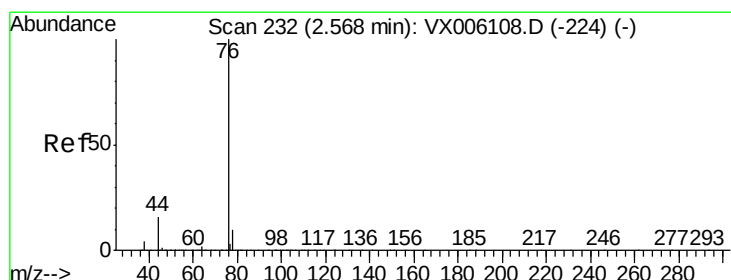
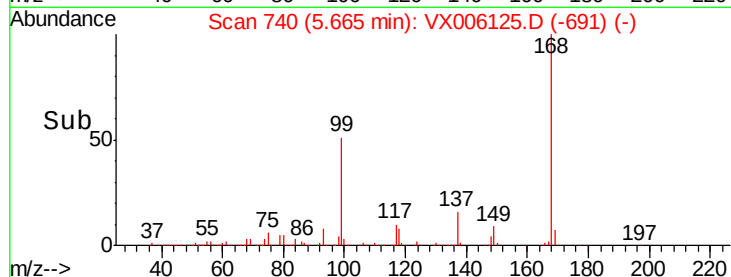
5.67

100000

50000

0

Time-->



#17

Carbon Disulfide

Concen: 4.427 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006125.D

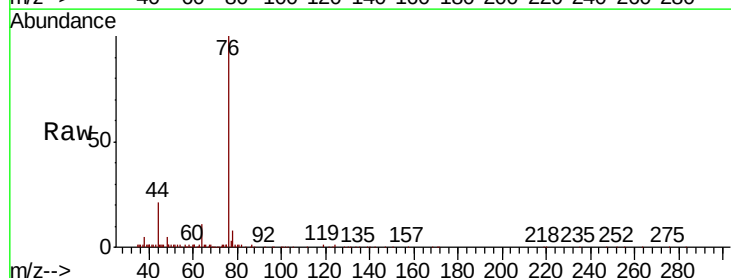
Acq: 21 Nov 2018 15:40

Tgt Ion: 76 Resp: 30350

Ion Ratio Lower Upper

76 100

78 7.8 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

20000

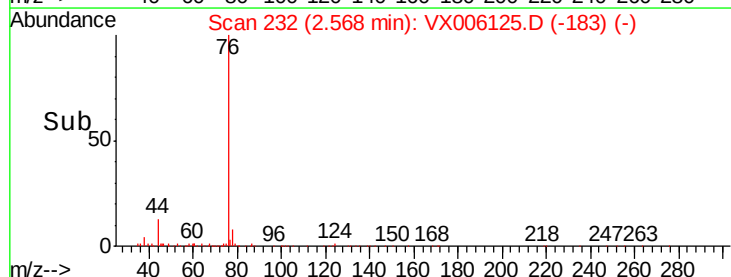
15000

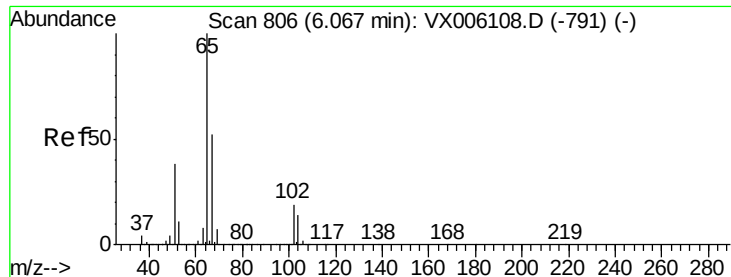
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 53.088 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006125.D

Acq: 21 Nov 2018 15:40

Instrument :

MSVOA_X

ClientSampleId :

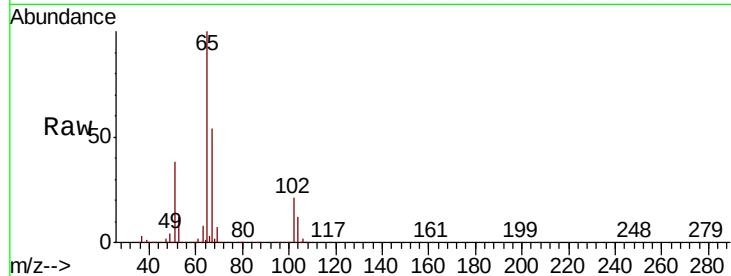
FB-112018

Tot Ion: 65 Resp: 216326

Ion Ratio Lower Upper

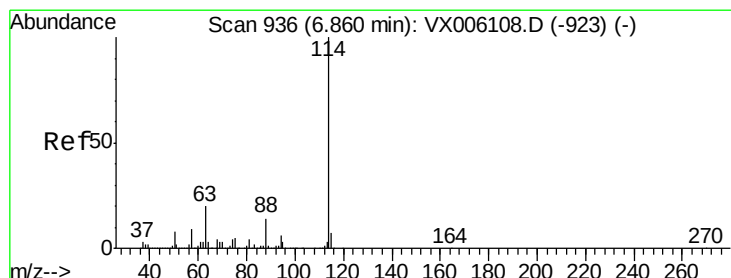
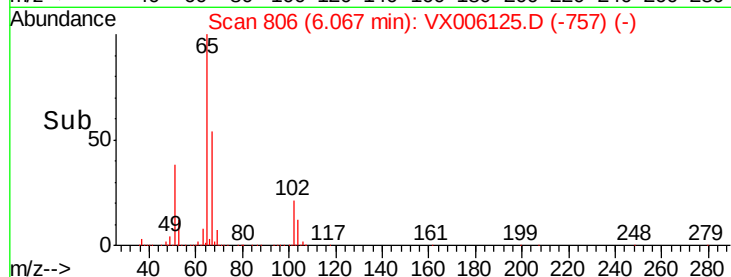
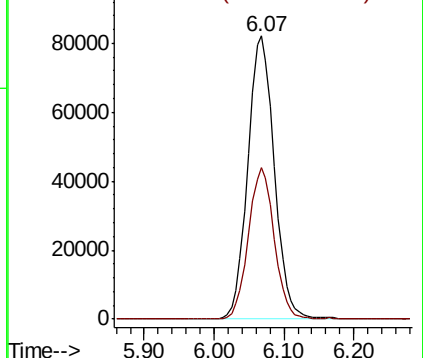
65 100

67 52.1 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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006125.D

Acq: 21 Nov 2018 15:40

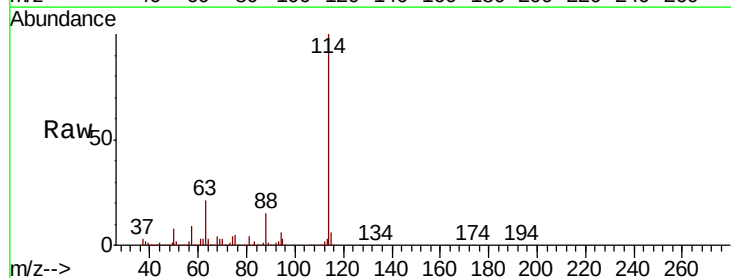
Tgt Ion: 114 Resp: 521800

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.2

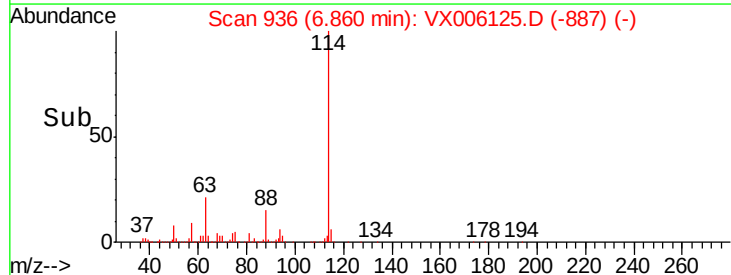
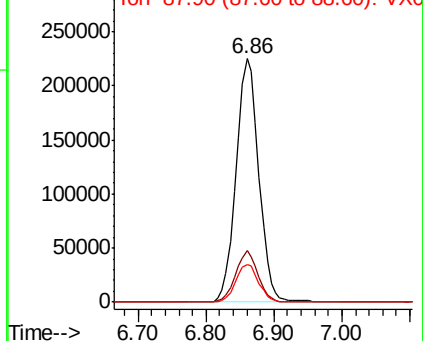
88 15.3 0.0 28.6

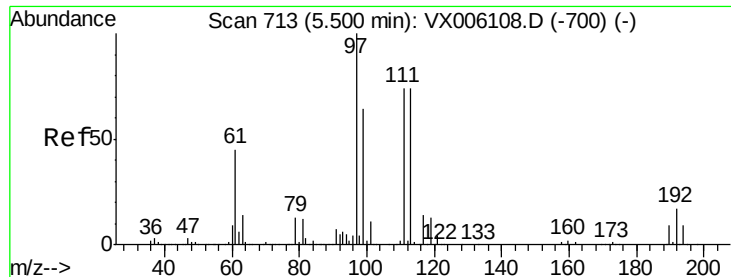


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.549 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006125.D

Acq: 21 Nov 2018 15:40

Instrument :

MSVOA_X

ClientSampleId :

FB-112018

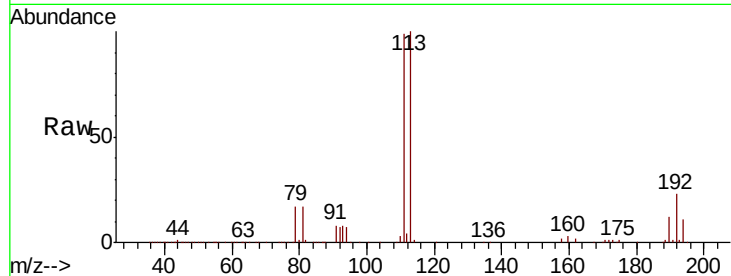
Tot Ion:113 Resp: 172664

Ion Ratio Lower Upper

113 100

111 103.3 81.5 122.3

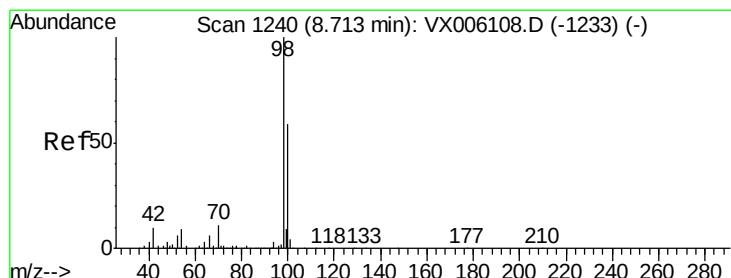
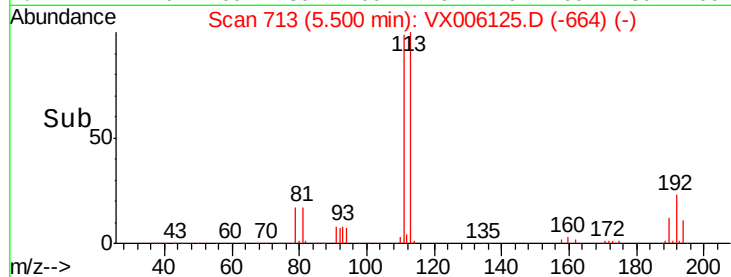
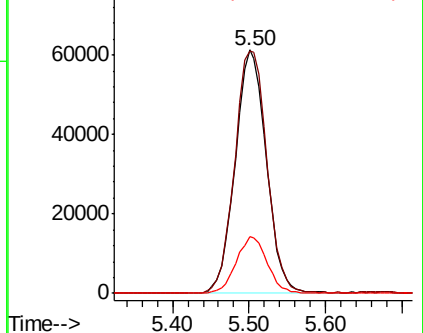
192 23.3 18.6 28.0



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: 49.421 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006125.D

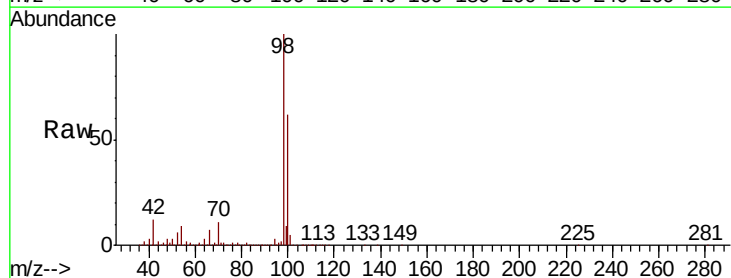
Acq: 21 Nov 2018 15:40

Tgt Ion: 98 Resp: 631387

Ion Ratio Lower Upper

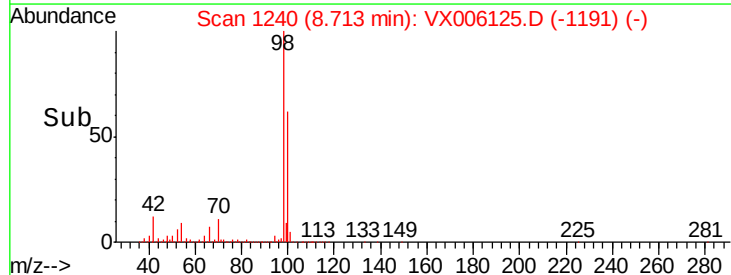
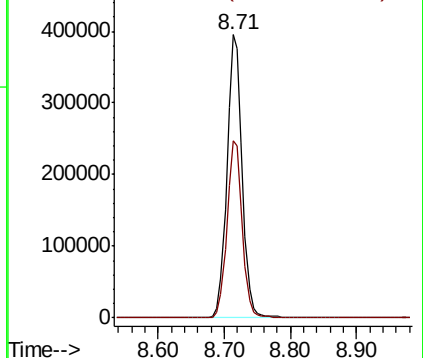
98 100

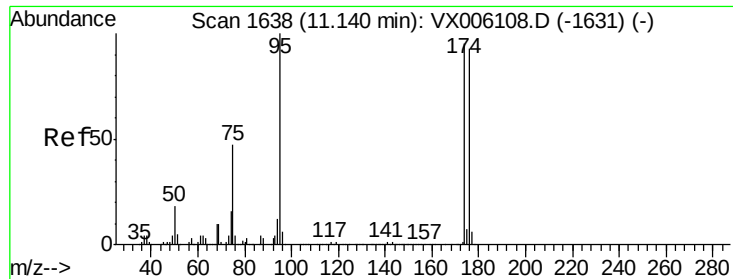
100 62.9 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.844 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006125.D

Acq: 21 Nov 2018 15:40

Instrument :

MSVOA_X

ClientSampleId :

FB-112018

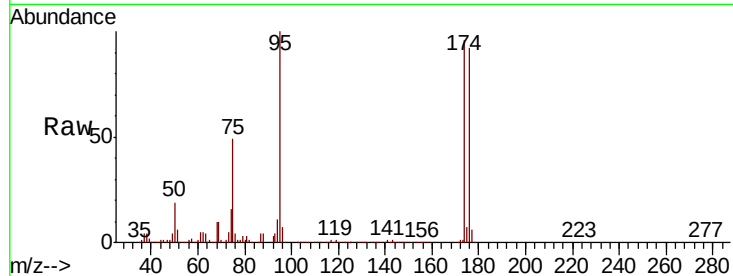
Tot Ion: 95 Resp: 214960

Ion Ratio Lower Upper

95 100

174 92.3 0.0 184.4

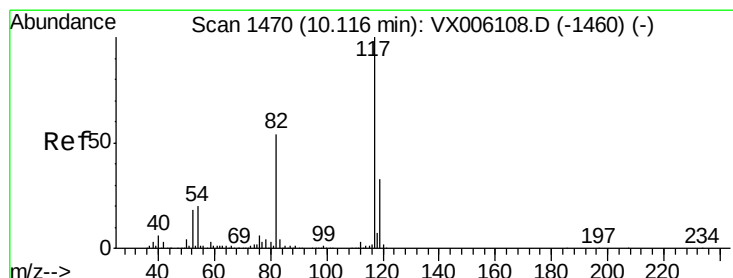
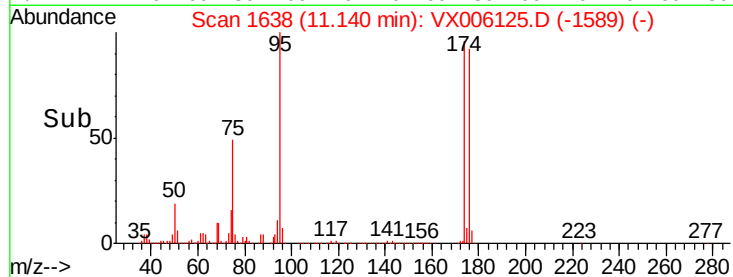
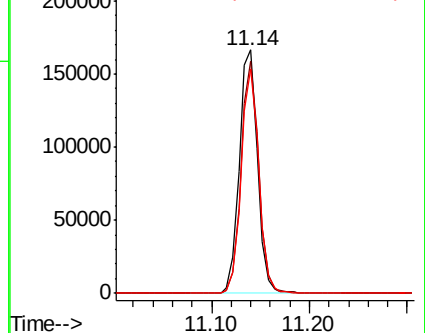
176 89.2 0.0 179.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006125.D

Acq: 21 Nov 2018 15:40

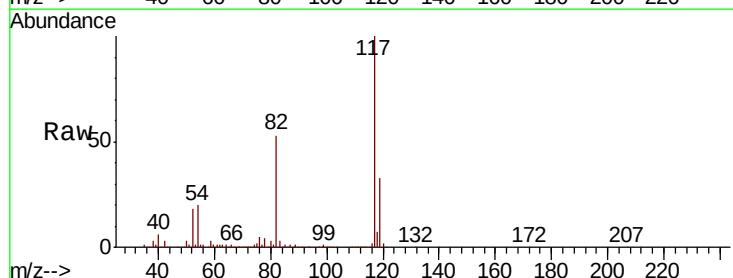
Tgt Ion: 117 Resp: 479493

Ion Ratio Lower Upper

117 100

82 52.6 43.0 64.4

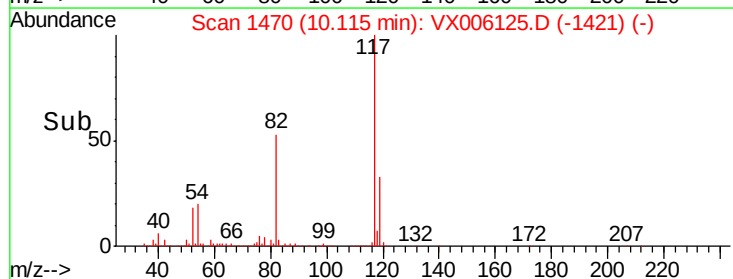
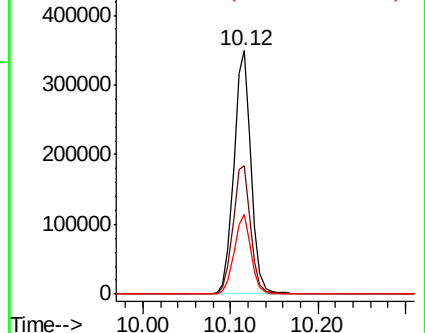
119 32.8 26.1 39.1

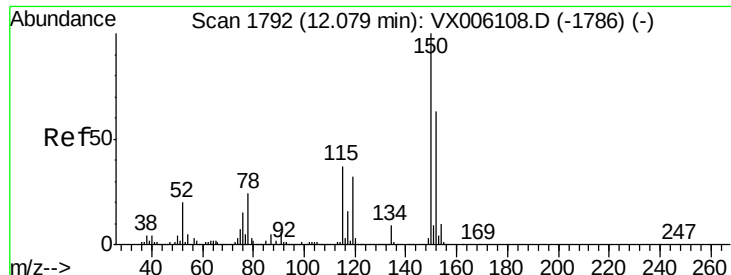


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006125.D

Acq: 21 Nov 2018 15:40

Instrument :

MSVOA_X

ClientSampleId :

FB-112018

Tot Ion:152 Resp: 236620

Ion Ratio Lower Upper

152 100

115 55.2 39.0 116.9

150 155.0 0.0 346.6

