

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006150.D
 Acq On : 22 Nov 2018 04:04
 Operator : JC/MD
 Sample : J6032-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MMTW-DUP

Quant Time: Nov 22 04:31:04 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

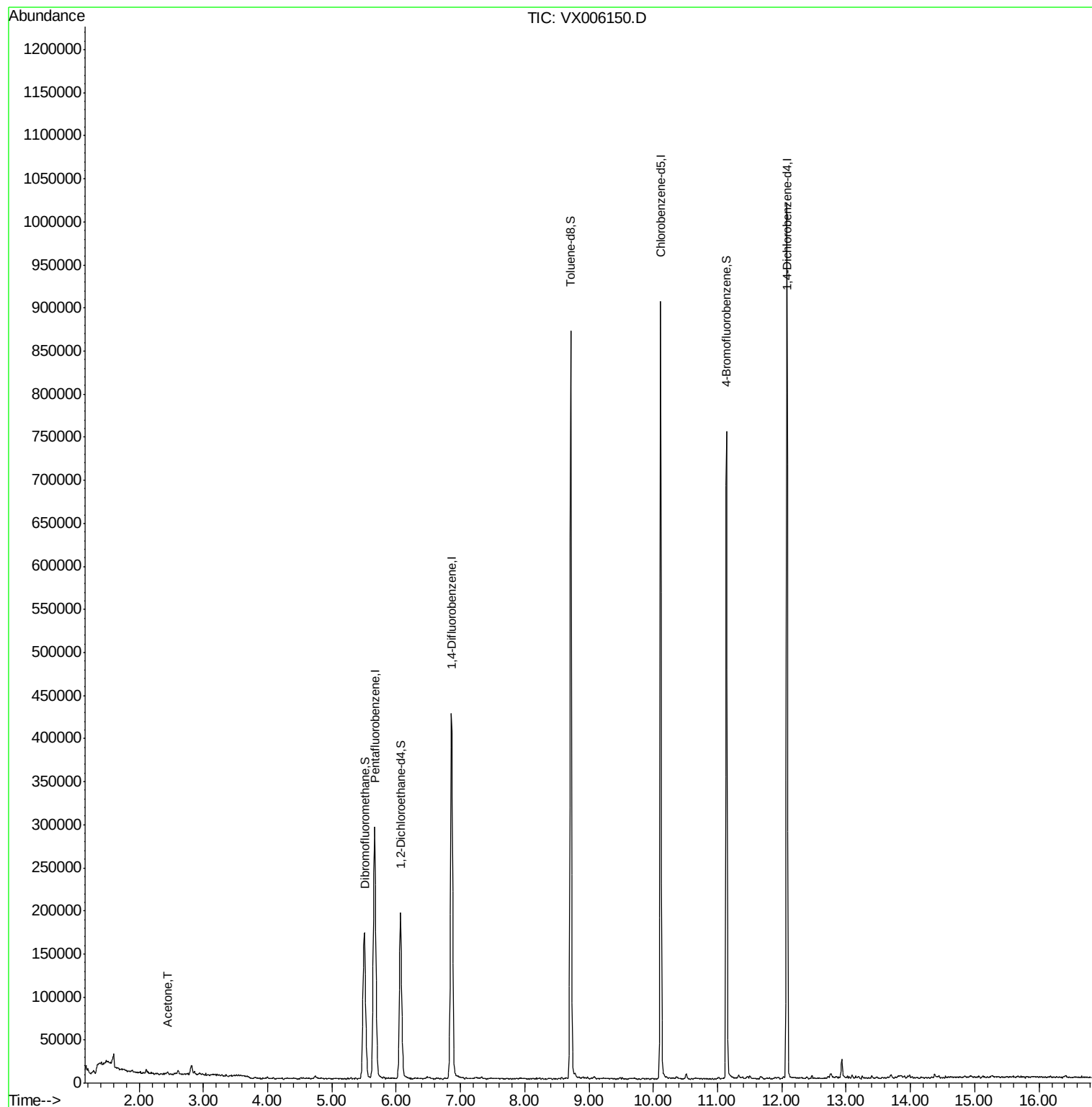
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	287233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	424859	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	421135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208179	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	182794	54.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.84%	
35) Dibromofluoromethane	5.50	113	145859	53.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.96%	
50) Toluene-d8	8.71	98	509067	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
62) 4-Bromofluorobenzene	11.14	95	186496	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
Target Compounds						
16) Acetone	2.44	43	3663	2.480	ug/l	Qvalue 91

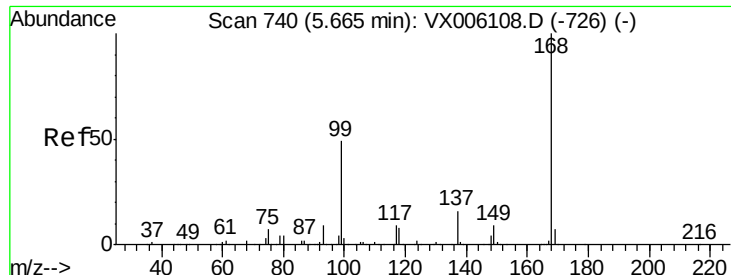
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006150.D

Acq: 22 Nov 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

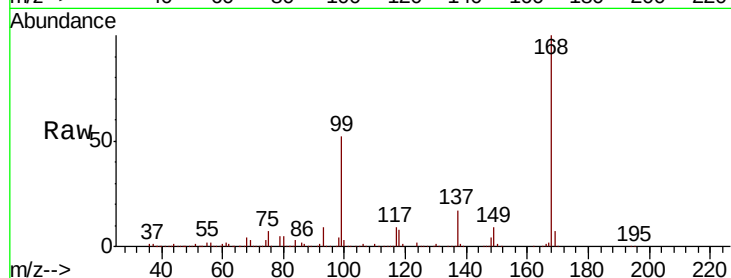
MMTW-DUP

Tot Ion:168 Resp: 287233

Ion Ratio Lower Upper

168 100

99 51.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

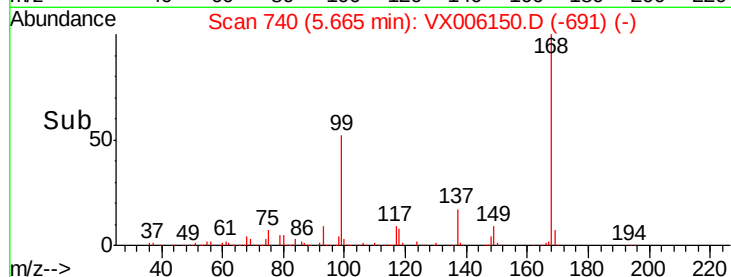
40000

20000

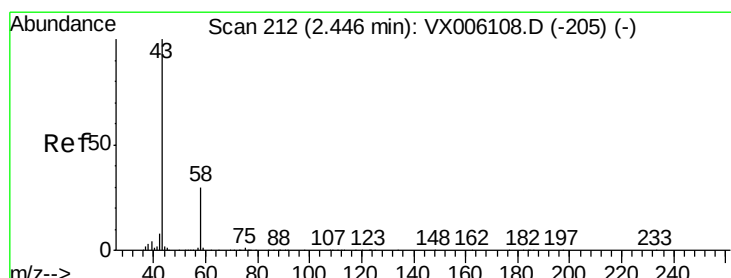
0

5.67

5.60 5.65 5.70 5.75 5.80



Time-->



#16

Acetone

Concen: 2.480 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX006150.D

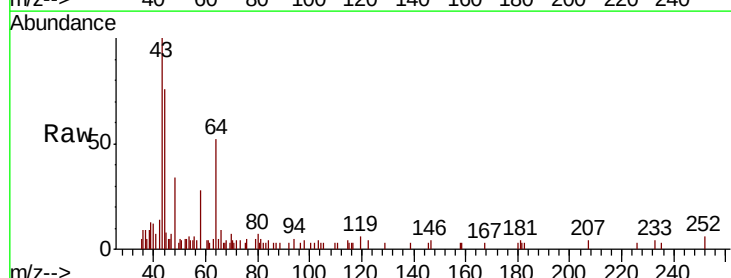
Acq: 22 Nov 2018 04:04

Tgt Ion: 43 Resp: 3663

Ion Ratio Lower Upper

43 100

58 25.1 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2000

1500

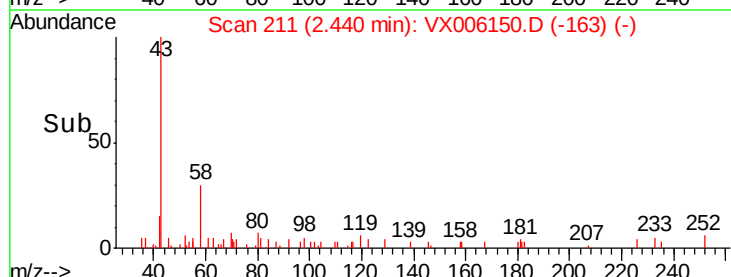
1000

500

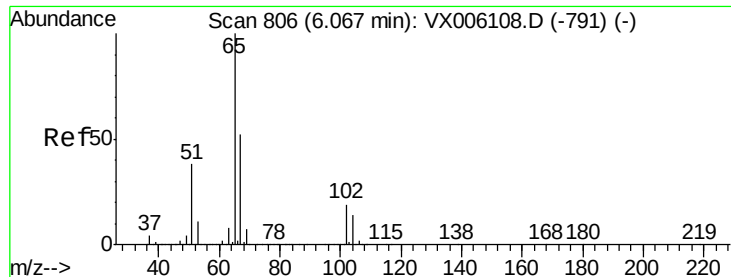
0

2.44

2.40 2.45 2.50



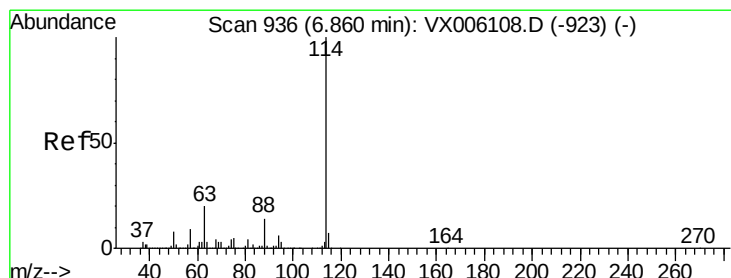
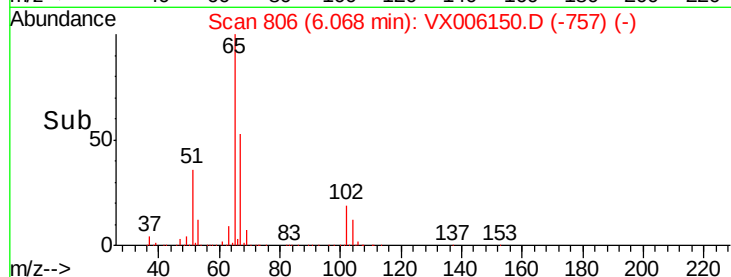
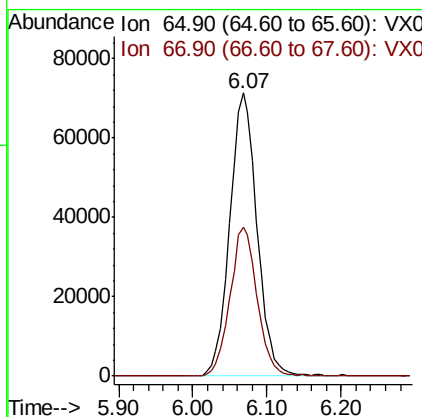
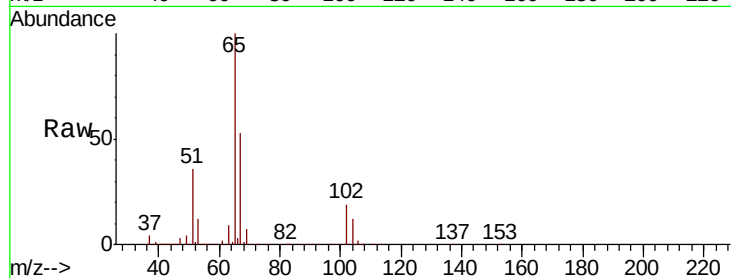
Time-->



#33
 1,2-Dichloroethane-d4
 Concen: 54.921 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006150.D
 Acq: 22 Nov 2018 04:04

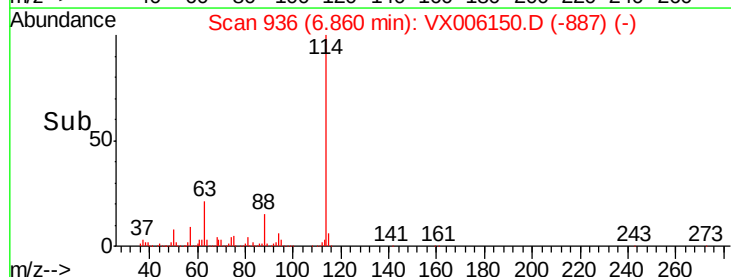
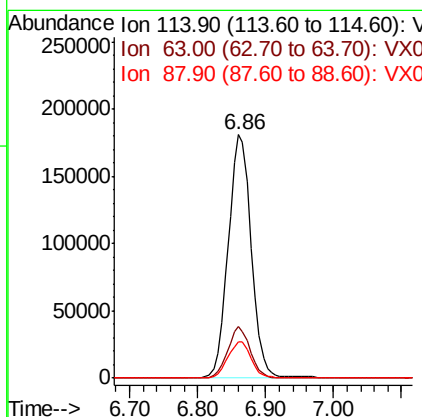
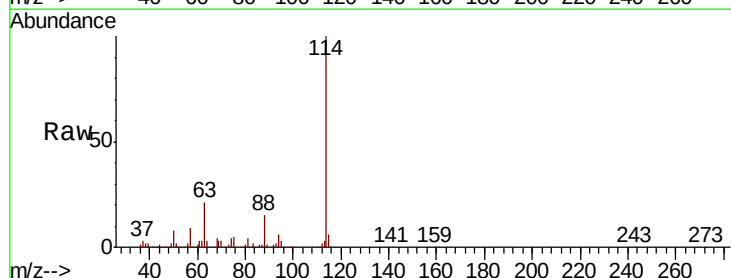
Instrument :
 MSVOA_X
 ClientSampleId :
 MMTW-DUP

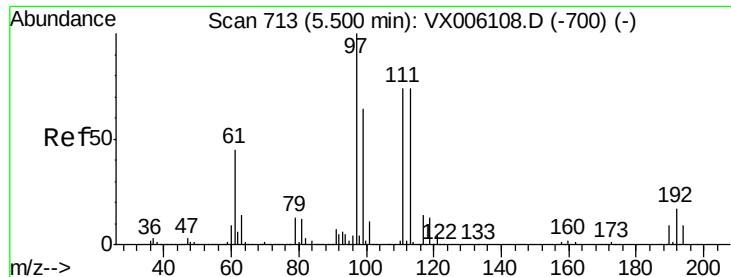
Tot Ion: 65 Resp: 182794
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006150.D
 Acq: 22 Nov 2018 04:04

Tgt Ion: 114 Resp: 424859
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 39.2
 88 14.8 0.0 28.6





#35

Dibromofluoromethane

Concen: 53.482 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006150.D

Acq: 22 Nov 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

MMTW-DUP

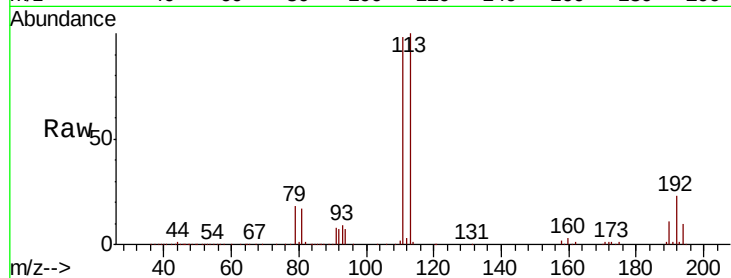
Tot Ion:113 Resp: 145859

Ion Ratio Lower Upper

113 100

111 102.3 81.5 122.3

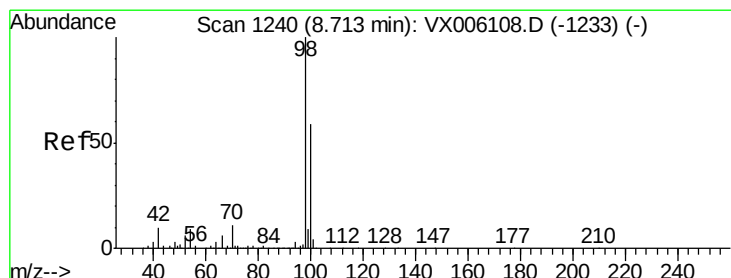
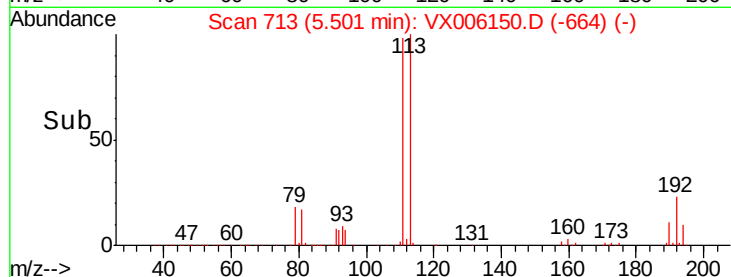
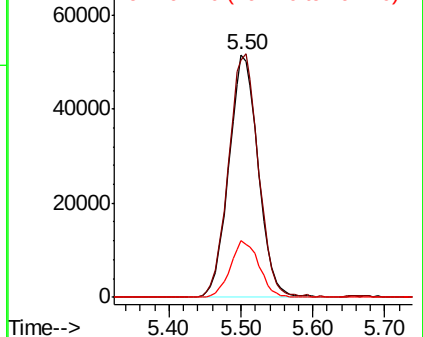
192 23.0 18.6 28.0



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: 48.938 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006150.D

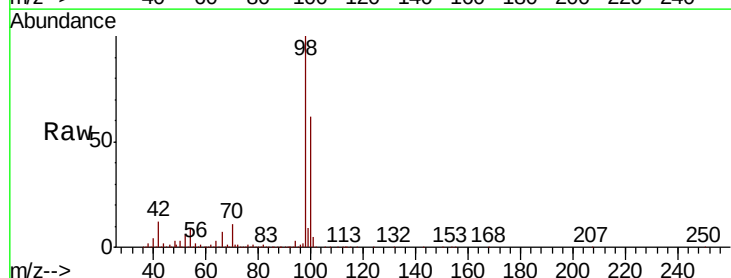
Acq: 22 Nov 2018 04:04

Tgt Ion: 98 Resp: 509067

Ion Ratio Lower Upper

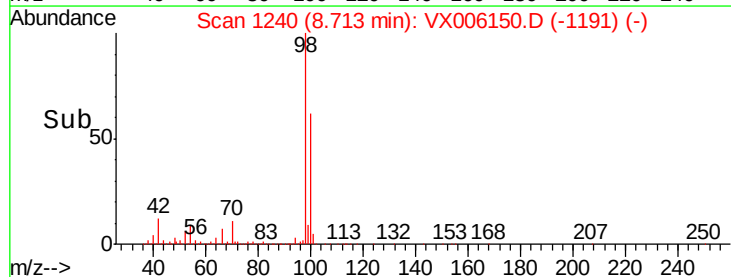
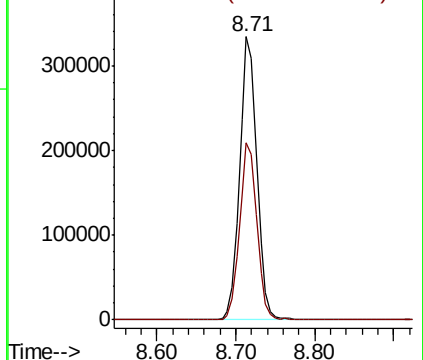
98 100

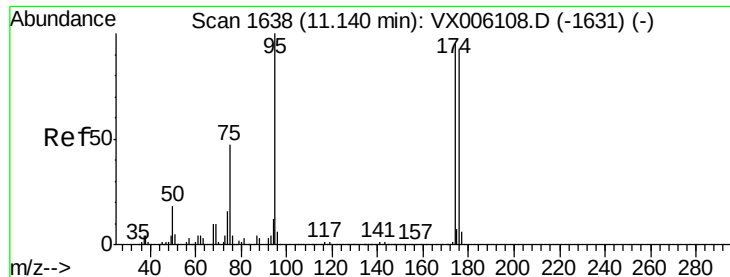
100 62.7 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.784 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006150.D

Acq: 22 Nov 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

MMTW-DUP

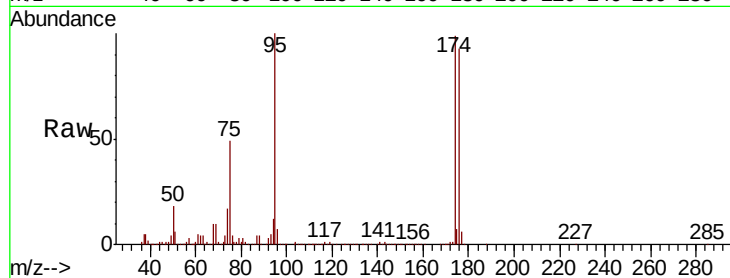
Tot Ion: 95 Resp: 186496

Ion Ratio Lower Upper

95 100

174 94.4 0.0 184.4

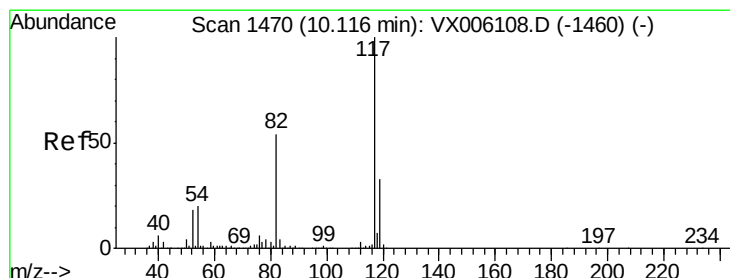
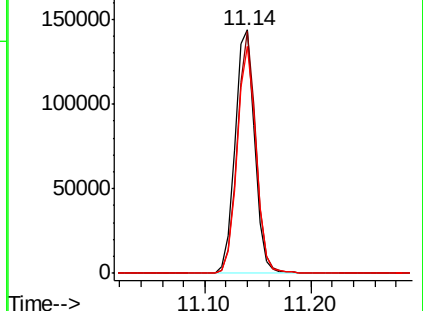
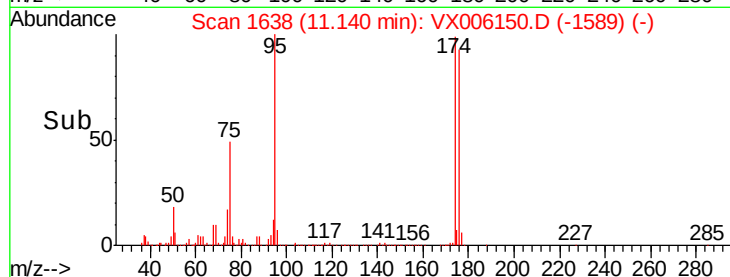
176 90.3 0.0 179.0



Abundance Ion 94.90 (94.60 to 95.60): VX006150.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006150.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006150.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006150.D

Acq: 22 Nov 2018 04:04

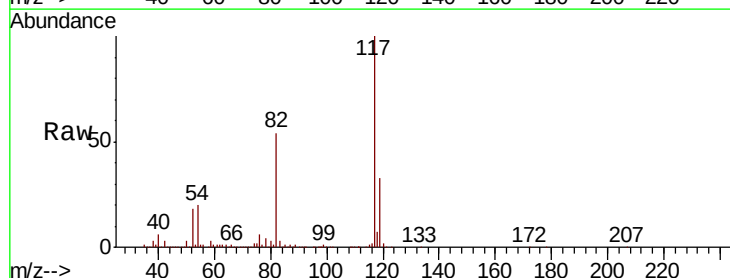
Tgt Ion: 117 Resp: 421135

Ion Ratio Lower Upper

117 100

82 53.7 43.0 64.4

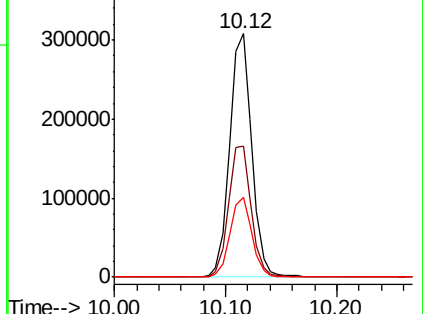
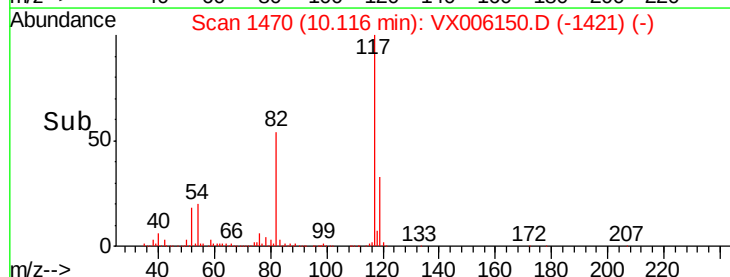
119 32.6 26.1 39.1

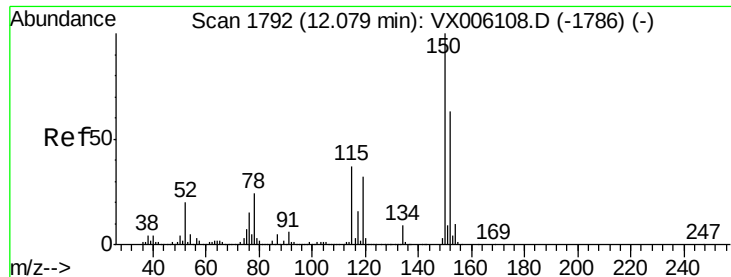


Abundance Ion 116.90 (116.60 to 117.60): VX006150.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006150.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006150.D (-1421) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006150.D

Acq: 22 Nov 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

MMTW-DUP

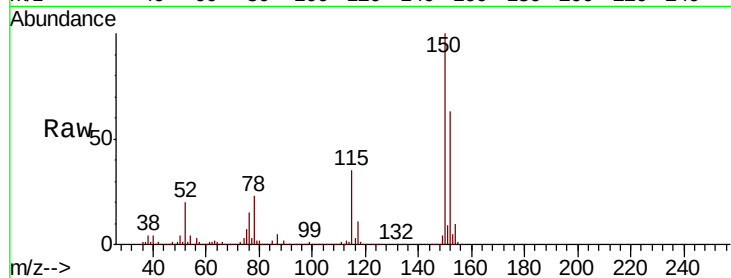
Tot Ion:152 Resp: 208179

Ion Ratio Lower Upper

152 100

115 55.1 39.0 116.9

150 156.2 0.0 346.6



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

