

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
 Data File : VX003707.D
 Acq On : 27 Jul 2018 09:06
 Operator : JC/SP
 Sample : J4073-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D1-071718RE

Quant Time: Jul 27 10:55:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 04:33:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	84280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	133625	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	132680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	72288	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	74376	59.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.16%	
35) Dibromofluoromethane	5.51	113	56738	51.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.88%	
50) Toluene-d8	8.72	98	236087	56.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.26%	
62) 4-Bromofluorobenzene	11.14	95	86638	56.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.96%	

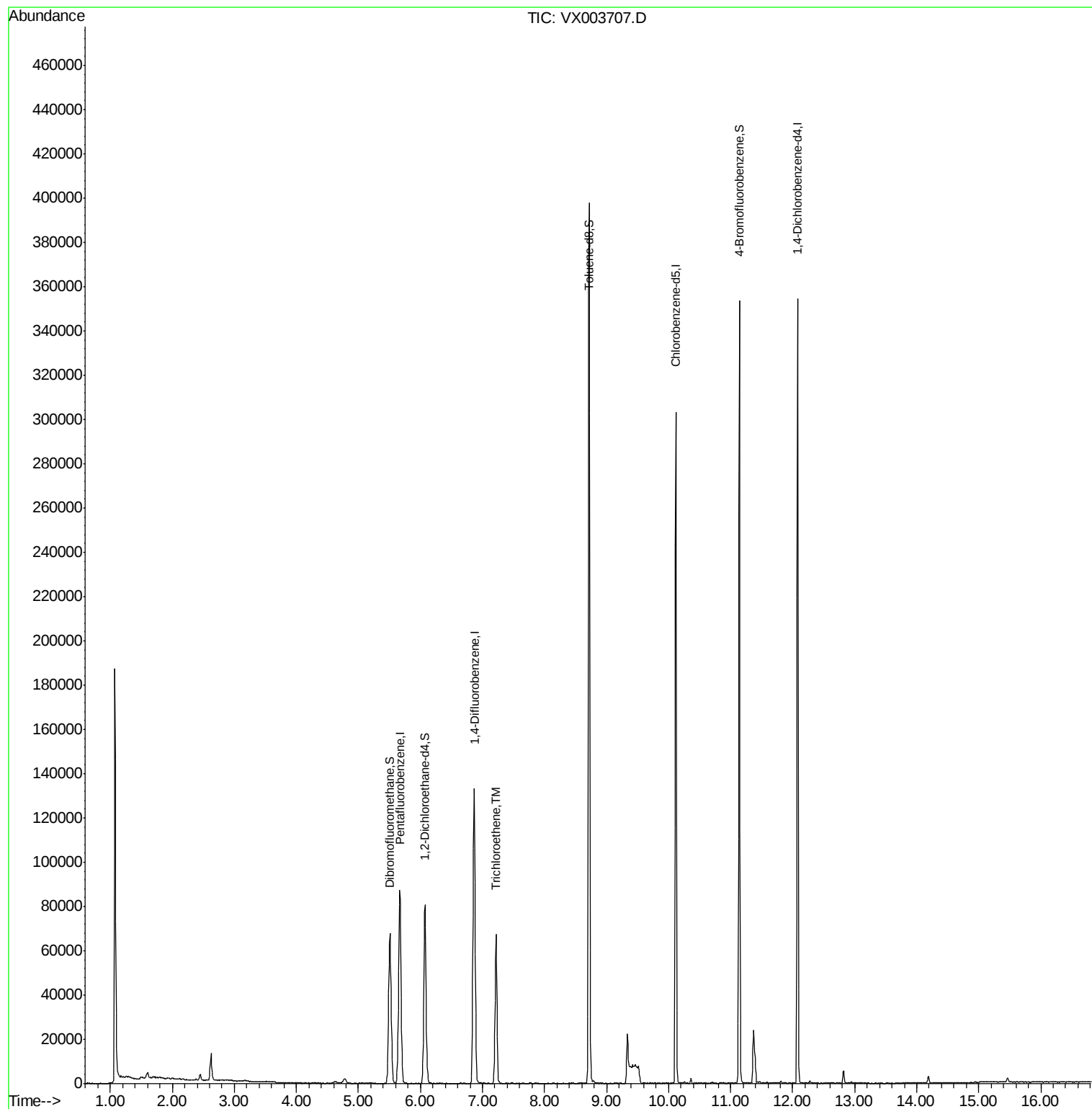
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
44) Trichloroethene	7.21	130	27156	21.91	ug/l	93

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003707.D

Acq: 27 Jul 2018 09:06

Instrument :

MSVOA_X

ClientSampleId :

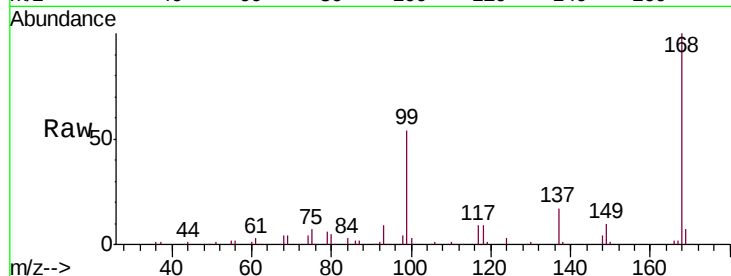
RE108D1-071718RE

Tot Ion:168 Resp: 84280

Ion Ratio Lower Upper

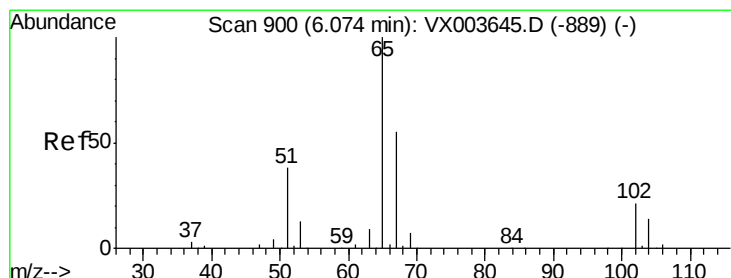
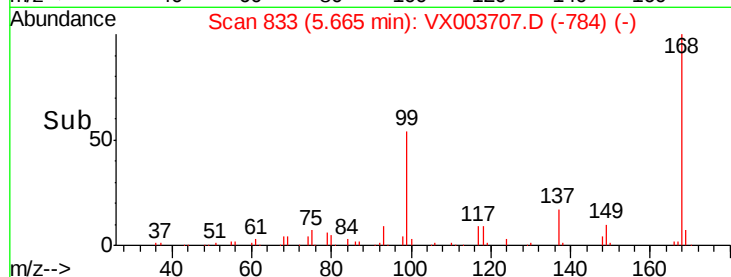
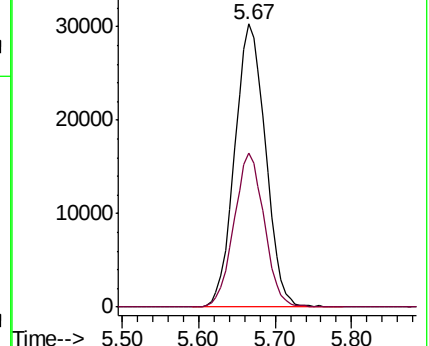
168 100

99 54.3 49.5 74.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 59.58 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003707.D

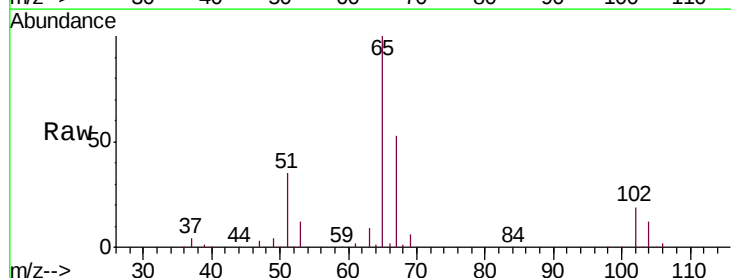
Acq: 27 Jul 2018 09:06

Tgt Ion: 65 Resp: 74376

Ion Ratio Lower Upper

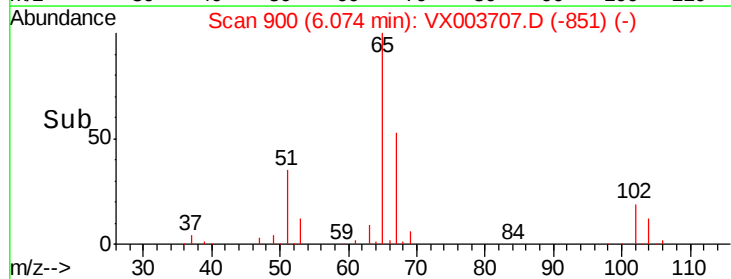
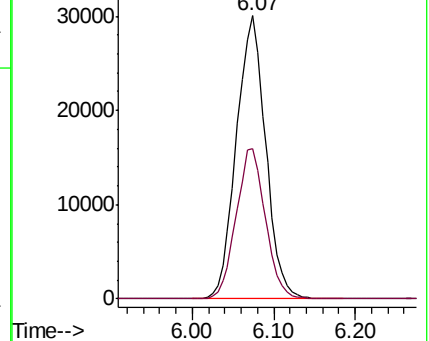
65 100

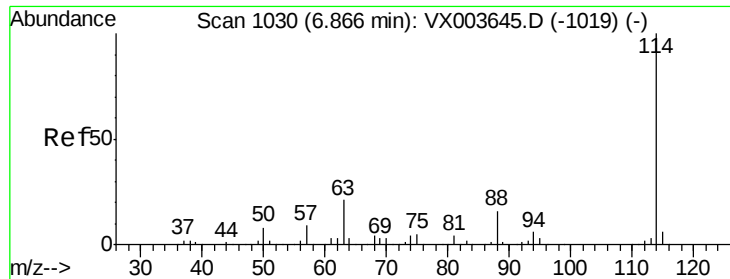
67 53.0 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

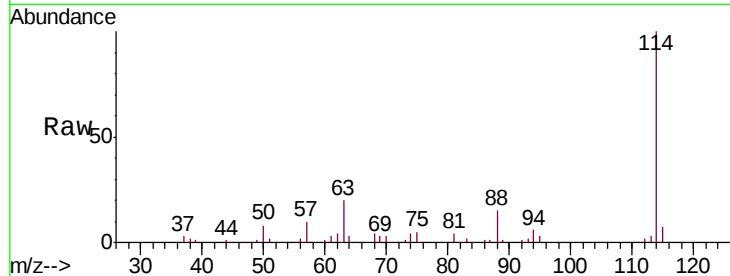




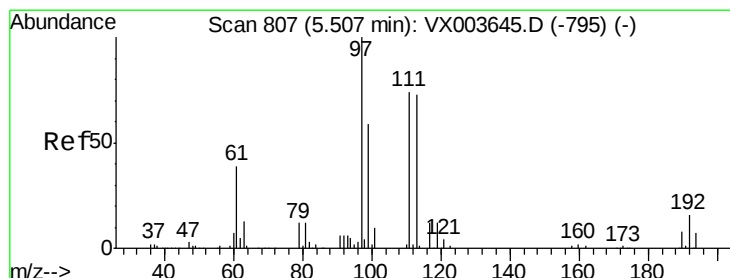
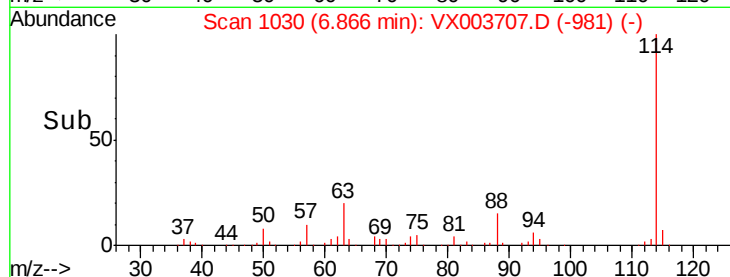
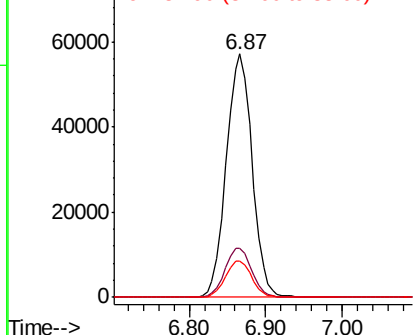
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003707.D
 Acq: 27 Jul 2018 09:06

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D1-071718RE

Tot Ion:114 Resp: 133625
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.0
 88 15.1 0.0 31.8

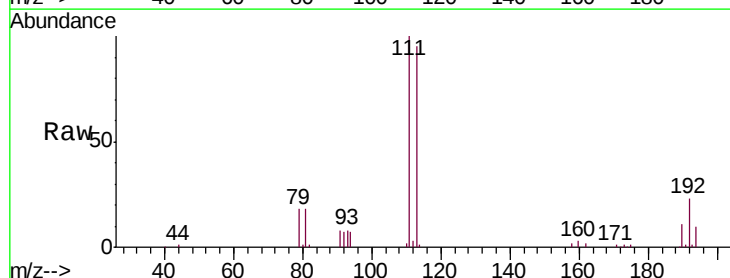


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

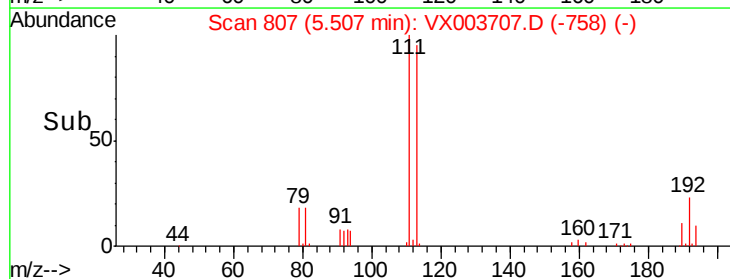
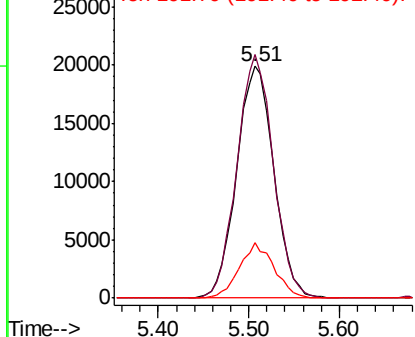


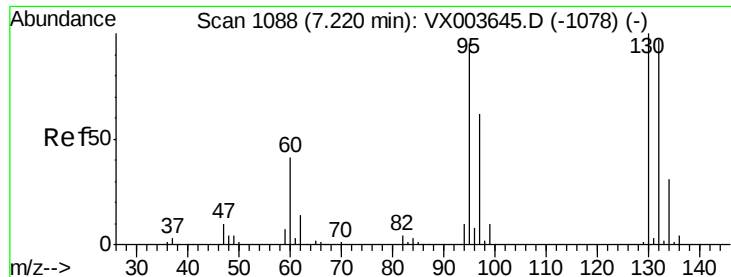
#35
 Dibromofluoromethane
 Concen: 51.94 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003707.D
 Acq: 27 Jul 2018 09:06

Tgt Ion:113 Resp: 56738
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.2 121.8
 192 22.2 18.2 27.4



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





#44

Trichloroethene

Concen: 21.91 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX003707.D

Acq: 27 Jul 2018 09:06

Instrument :

MSVOA_X

ClientSampleId :

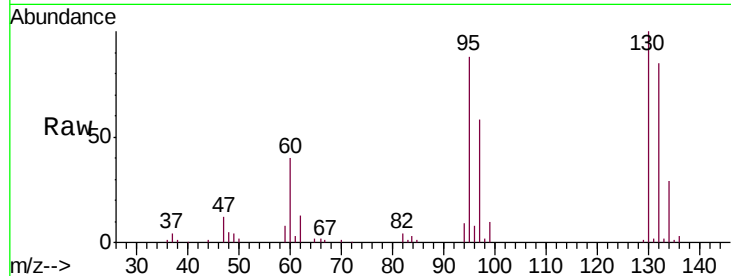
RE108D1-071718RE

Tot Ion:130 Resp: 27156

Ion Ratio Lower Upper

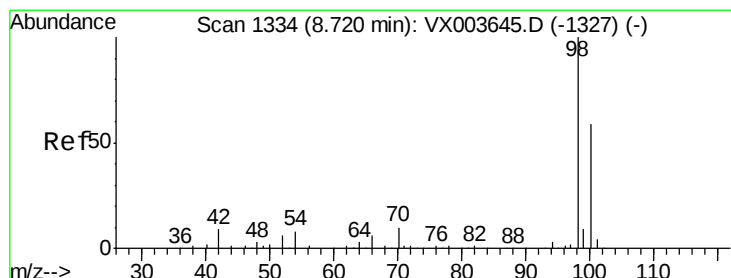
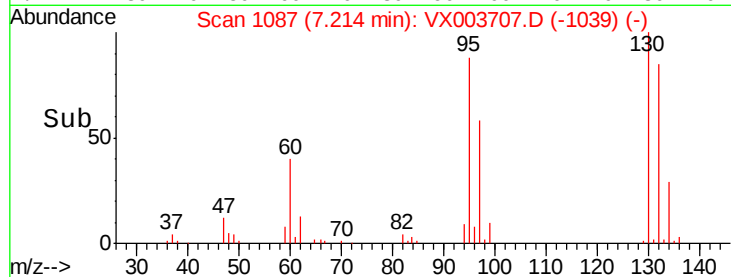
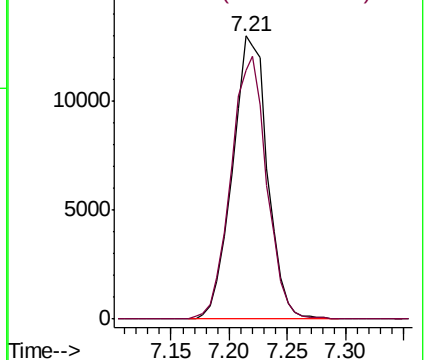
130 100

95 87.9 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 56.63 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003707.D

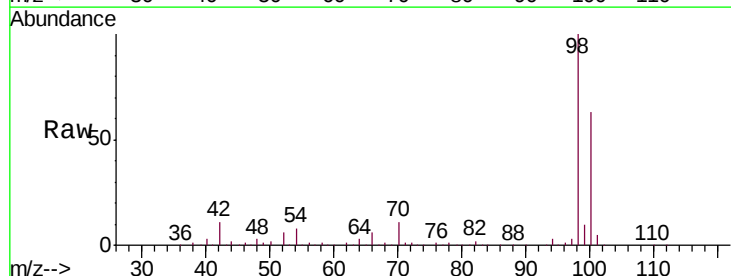
Acq: 27 Jul 2018 09:06

Tgt Ion: 98 Resp: 236087

Ion Ratio Lower Upper

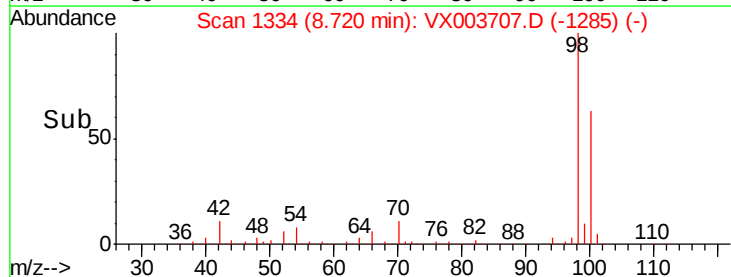
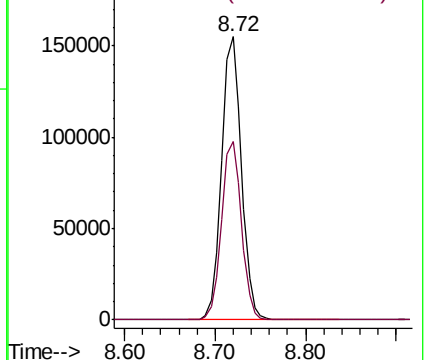
98 100

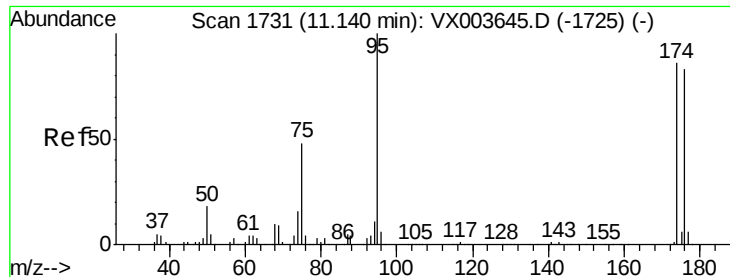
100 63.5 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 56.98 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003707.D

Acq: 27 Jul 2018 09:06

Instrument :

MSVOA_X

ClientSampleId :

RE108D1-071718RE

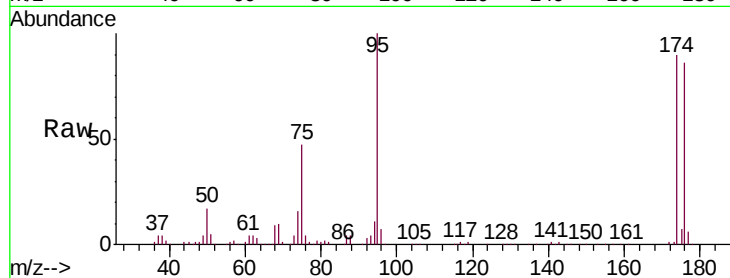
Tot Ion: 95 Resp: 86638

Ion Ratio Lower Upper

95 100

174 92.4 0.0 179.0

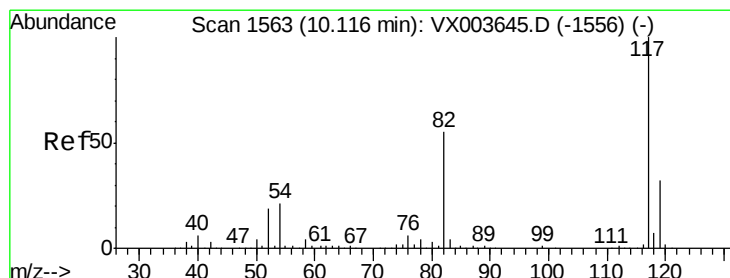
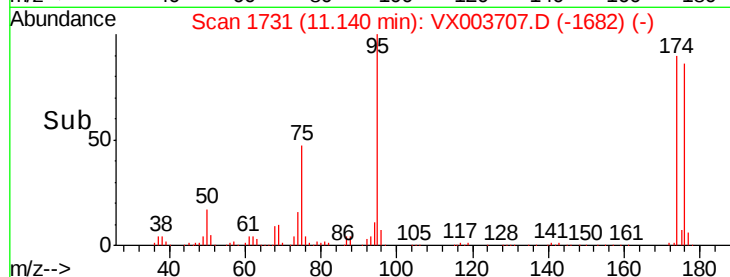
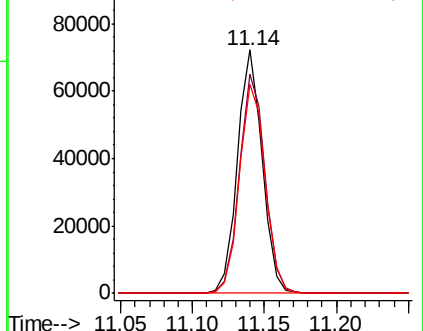
176 88.7 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX003645.D (-1725) (-)

Ion 173.80 (173.50 to 174.50): VX003645.D (-1725) (-)

Ion 175.80 (175.50 to 176.50): VX003645.D (-1725) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003707.D

Acq: 27 Jul 2018 09:06

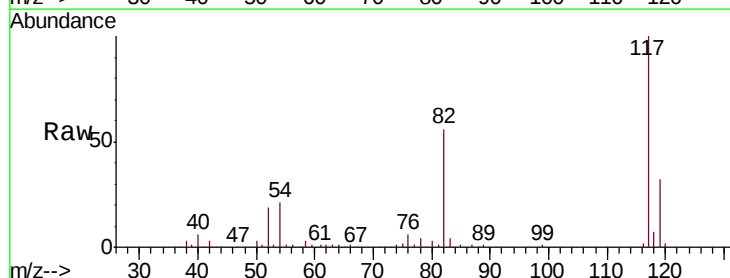
Tgt Ion: 117 Resp: 132680

Ion Ratio Lower Upper

117 100

82 55.7 44.3 66.5

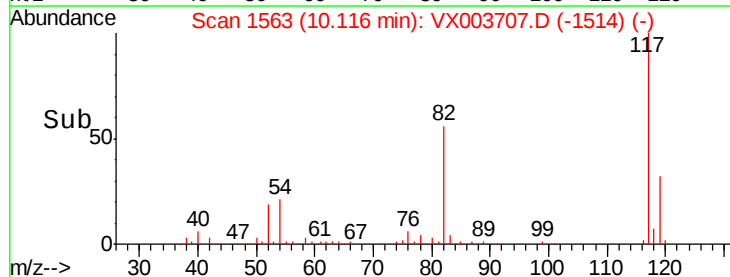
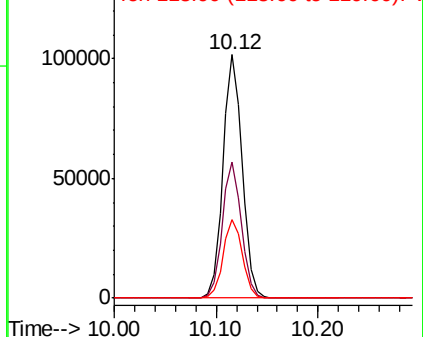
119 32.4 25.6 38.4

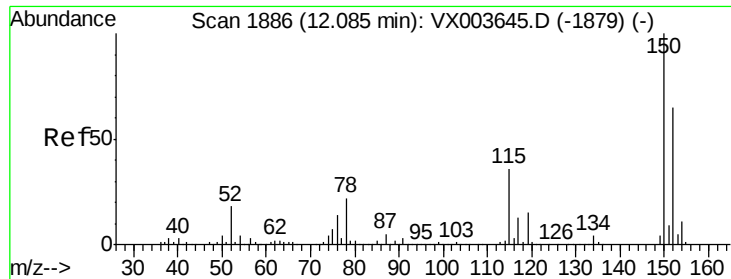


Abundance Ion 116.90 (116.60 to 117.60): VX003645.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX003645.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX003645.D (-1556) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003707.D

Acq: 27 Jul 2018 09:06

Instrument :

MSVOA_X

ClientSampleId :

RE108D1-071718RE

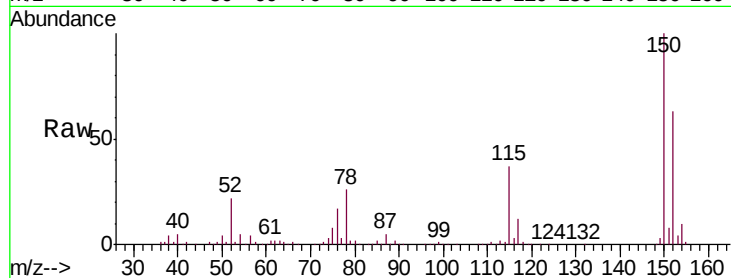
Tot Ion:152 Resp: 72288

Ion Ratio Lower Upper

152 100

115 56.3 40.0 119.9

150 157.0 0.0 348.4



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

