

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072518\
 Data File : VX003666.D
 Acq On : 25 Jul 2018 19:04
 Operator : JC/SP
 Sample : J4073-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D2-071818

Quant Time: Jul 27 15:02:55 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	90648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	138754	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	129697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	83153	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	70558	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	
35) Dibromofluoromethane	5.51	113	59993	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
50) Toluene-d8	8.72	98	231863	53.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.12%	
62) 4-Bromofluorobenzene	11.14	95	78170	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	

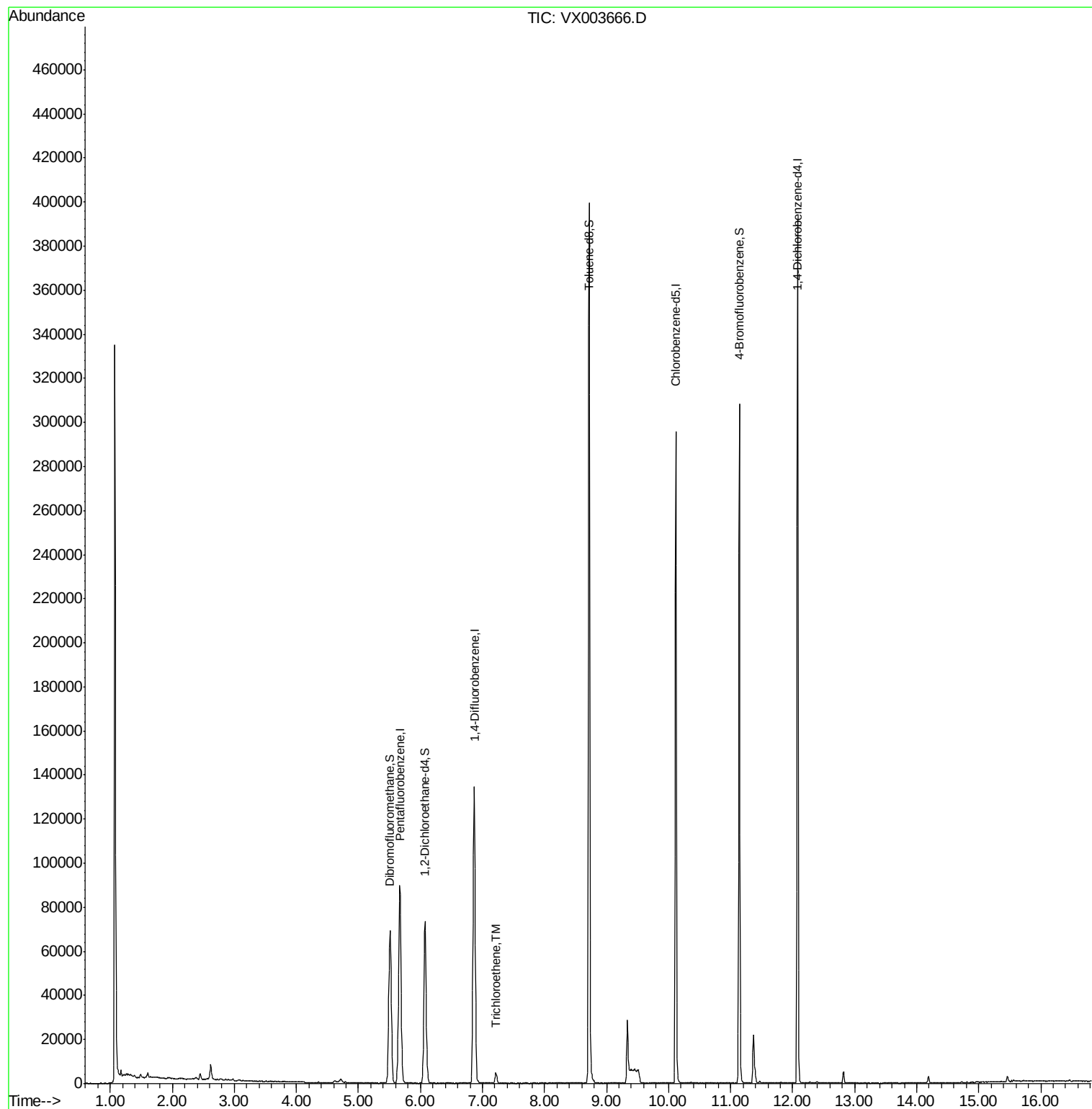
Target Compounds						Qvalue
44) Trichloroethene	7.21	130	1997	1.55	ug/l	100

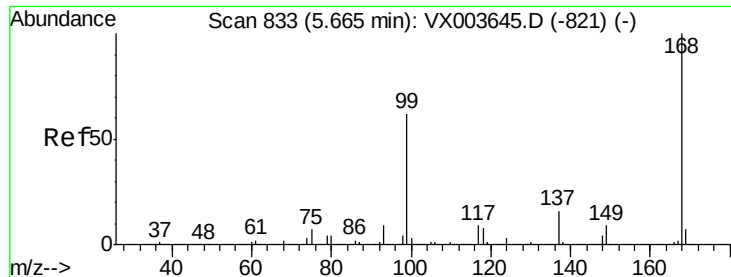
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003666.D

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Instrument :

MSVOA_X

ClientSampleId :

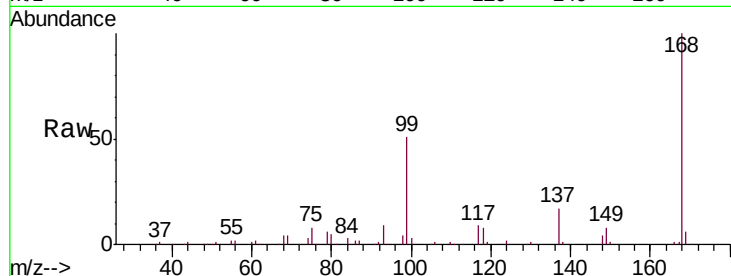
RE123D2-071818

Tot Ion:168 Resp: 90648

Ion Ratio Lower Upper

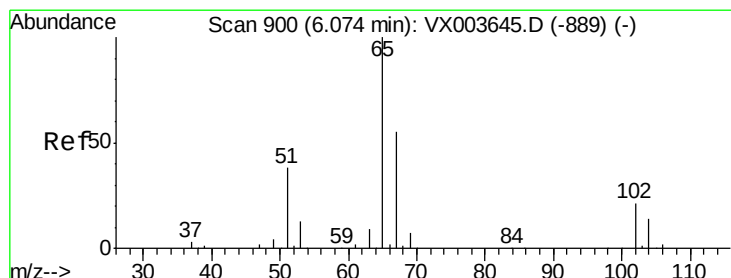
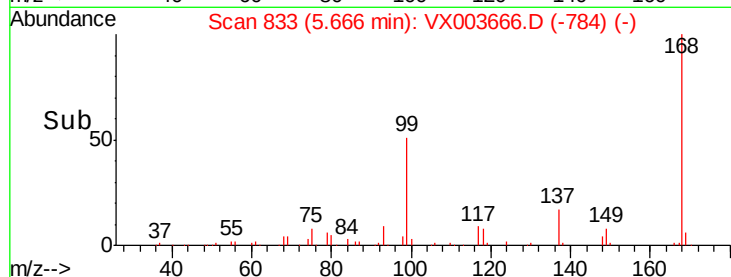
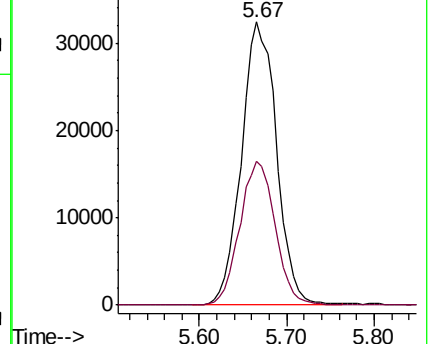
168 100

99 50.6 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: 52.55 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003666.D

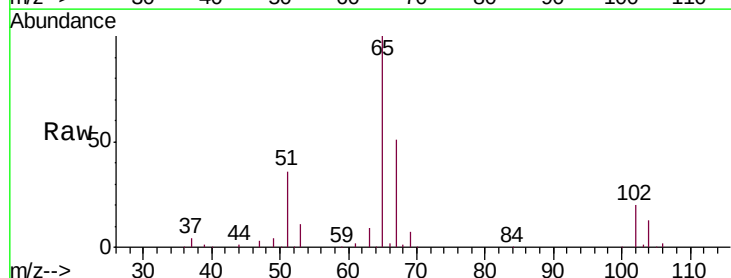
Acq: 25 Jul 2018 19:04

Tgt Ion: 65 Resp: 70558

Ion Ratio Lower Upper

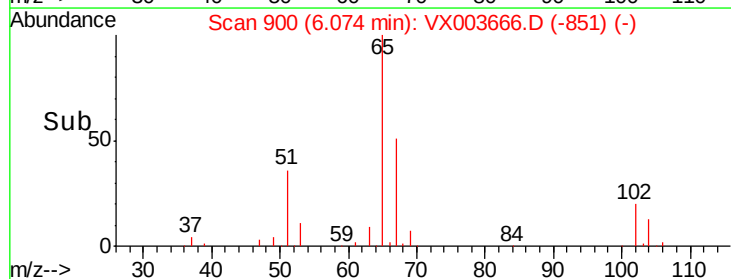
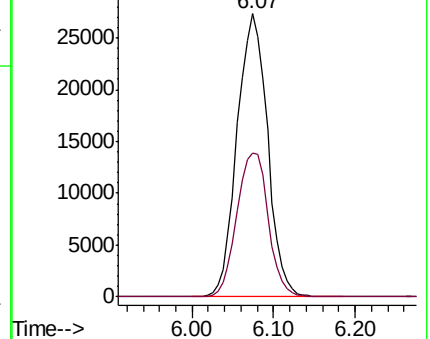
65 100

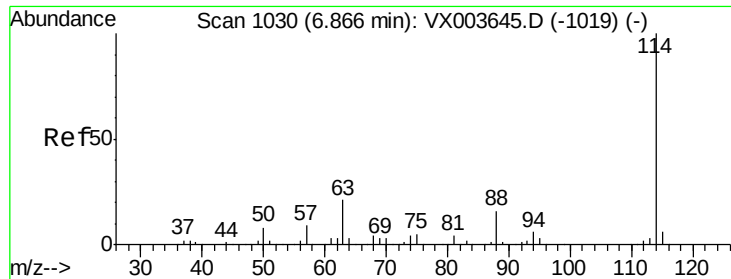
67 52.5 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

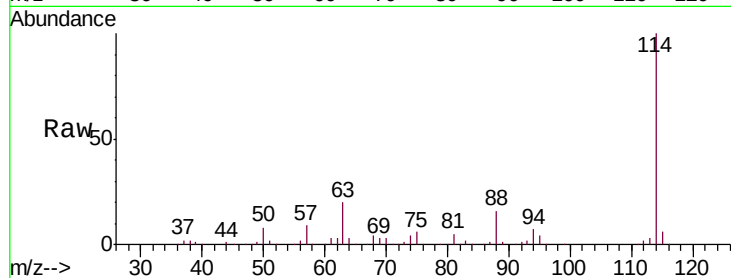




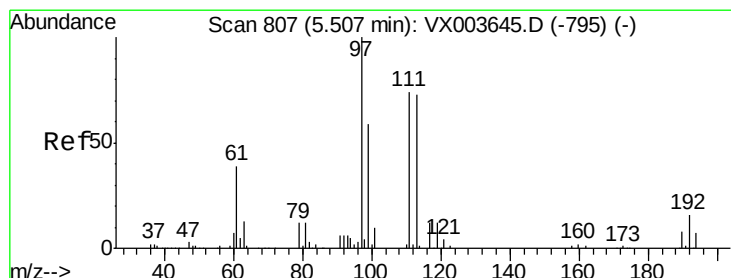
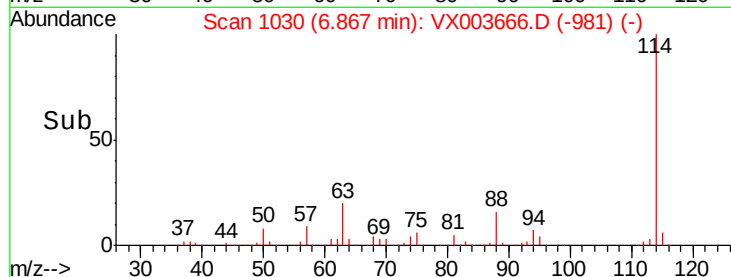
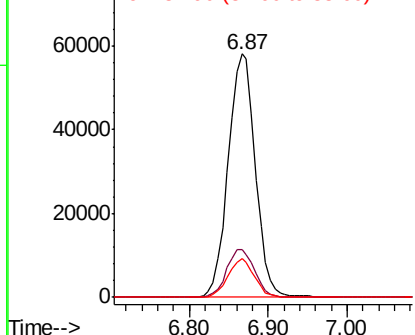
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003666.D
 Acq: 25 Jul 2018 19:04

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D2-071818

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	41.0
88	15.7	0.0	31.8

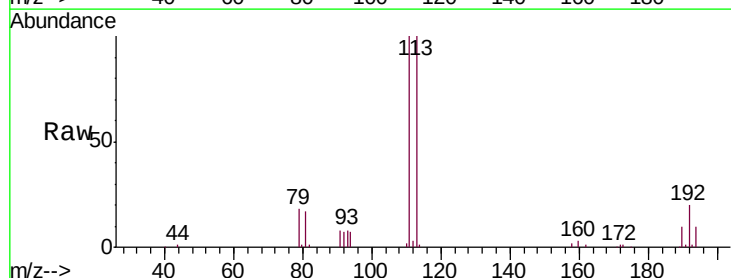


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

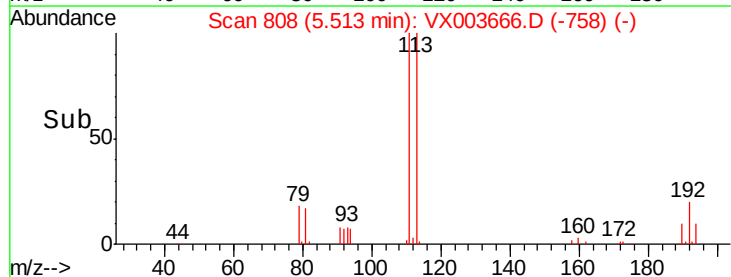
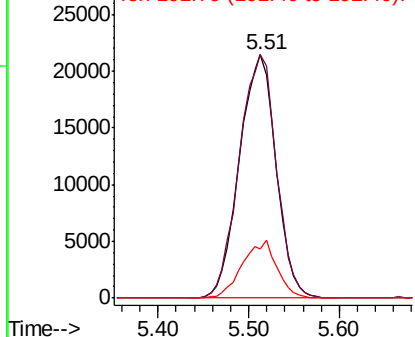


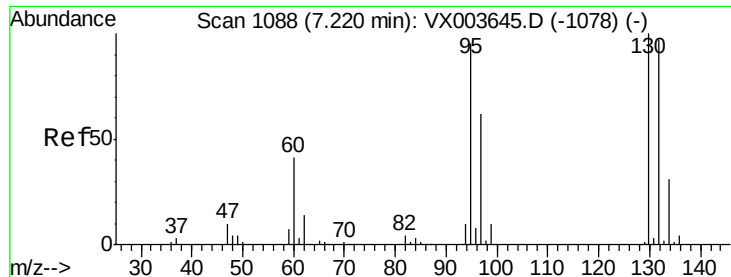
#35
 Dibromofluoromethane
 Concen: 52.89 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX003666.D
 Acq: 25 Jul 2018 19:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.2	121.8
192	22.4	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: 1.55 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX003666.D

Acq: 25 Jul 2018 19:04

Instrument :

MSVOA_X

ClientSampleId :

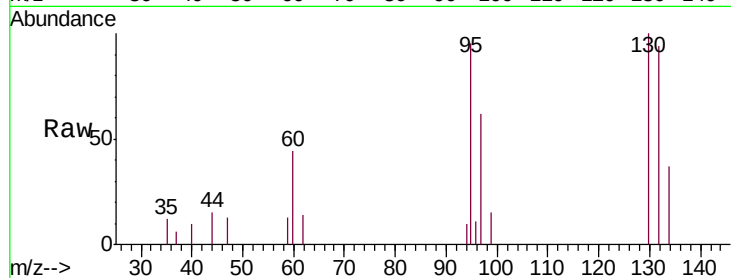
RE123D2-071818

Tot Ion:130 Resp: 1997

Ion Ratio Lower Upper

130 100

95 94.6 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

1000

800

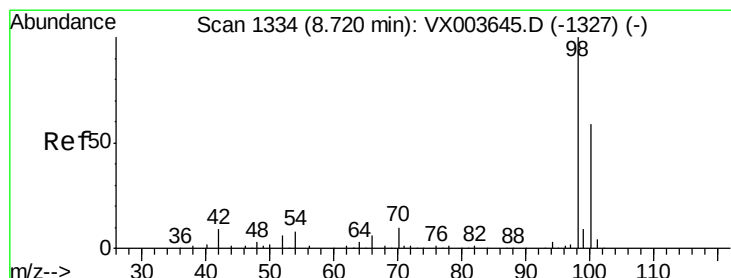
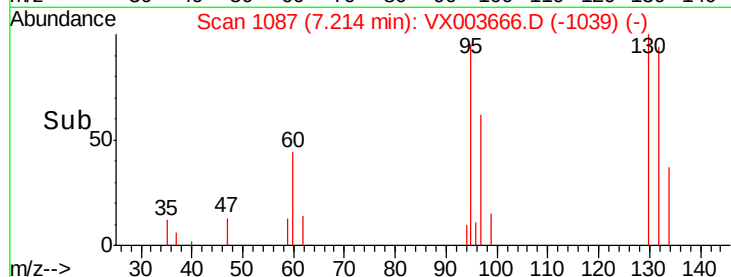
600

400

200

0

Time--> 7.15 7.20 7.25



#50

Toluene-d8

Concen: 53.56 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003666.D

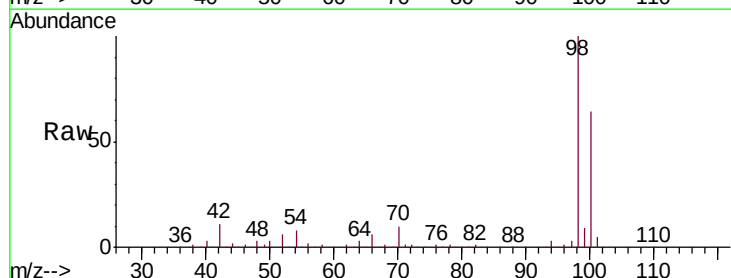
Acq: 25 Jul 2018 19:04

Tgt Ion: 98 Resp: 231863

Ion Ratio Lower Upper

98 100

100 63.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

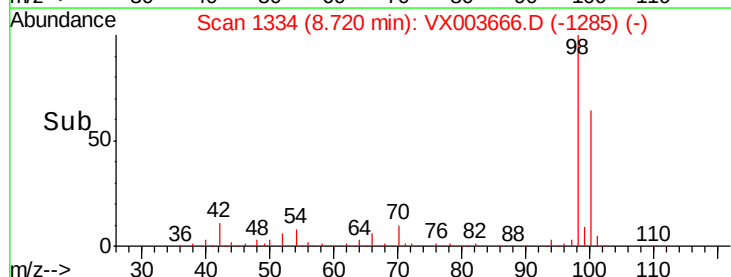
150000

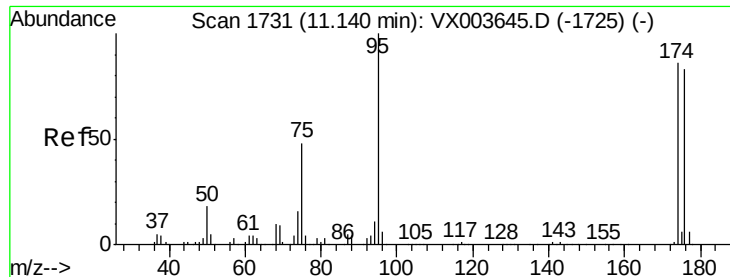
100000

50000

0

Time--> 8.60 8.70 8.80 8.90





#62

4-Bromofluorobenzene

Concen: 49.51 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003666.D

Acq: 25 Jul 2018 19:04

Instrument :

MSVOA_X

ClientSampleId :

RE123D2-071818

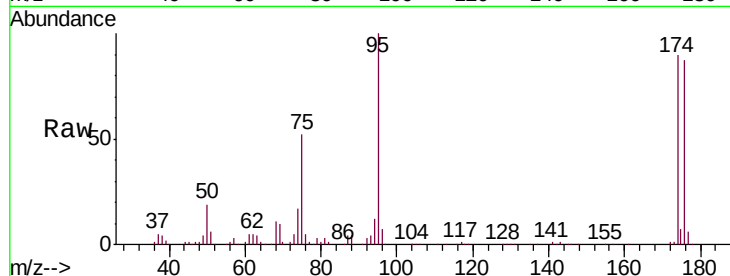
Tot Ion: 95 Resp: 78170

Ion Ratio Lower Upper

95 100

174 89.9 0.0 179.0

176 85.9 0.0 173.0

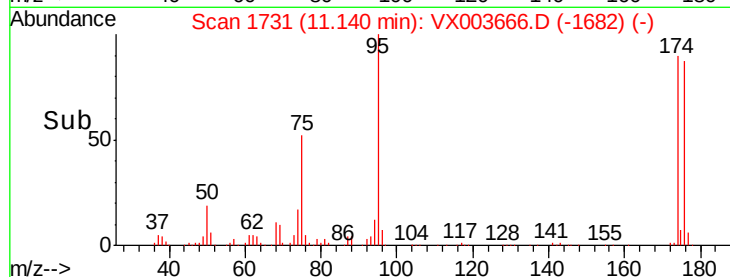


Abundance Ion 94.90 (94.60 to 95.60): VX003666.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX003666.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX003666.D (-1682) (-)

Time-->

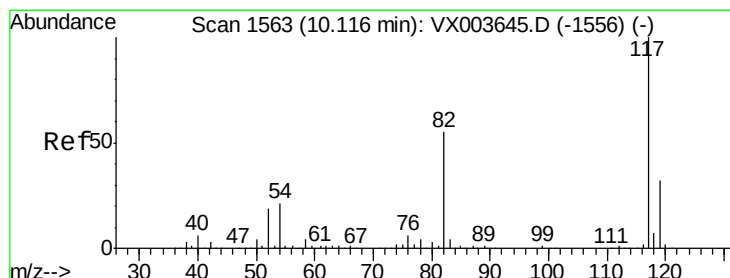


Abundance Ion 94.90 (94.60 to 95.60): VX003666.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX003666.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX003666.D (-1682) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003666.D

Acq: 25 Jul 2018 19:04

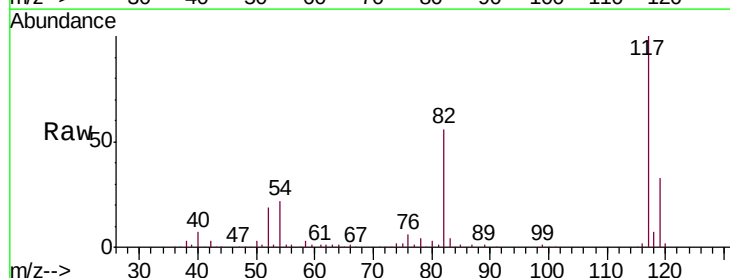
Tgt Ion: 117 Resp: 129697

Ion Ratio Lower Upper

117 100

82 56.3 44.3 66.5

119 32.6 25.6 38.4

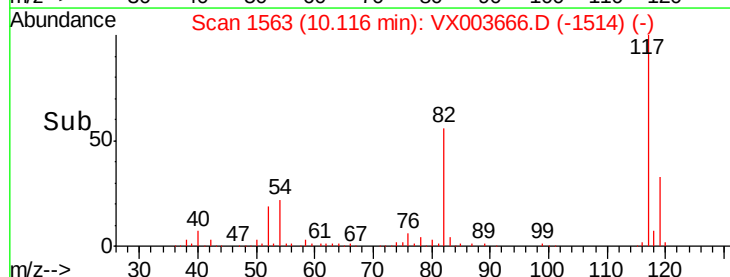


Abundance Ion 116.90 (116.60 to 117.60): VX003666.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX003666.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX003666.D (-1514) (-)

Time-->

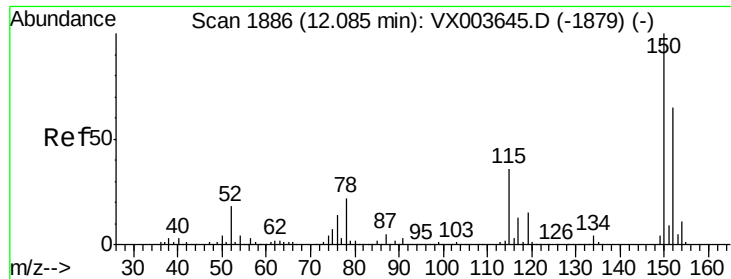


Abundance Ion 116.90 (116.60 to 117.60): VX003666.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX003666.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX003666.D (-1514) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003666.D

Acq: 25 Jul 2018 19:04

Instrument :

MSVOA_X

ClientSampleId :

RE123D2-071818

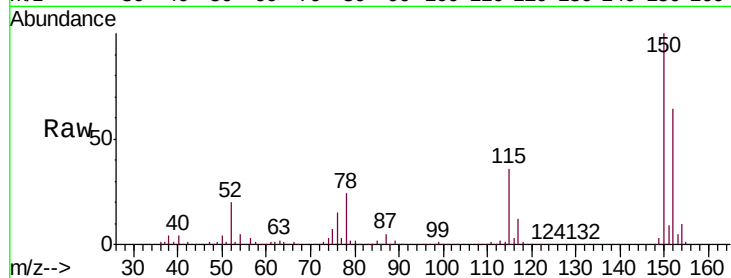
Tot Ion:152 Resp: 83153

Ion Ratio Lower Upper

152 100

115 55.8 40.0 119.9

150 156.3 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

