

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
 Data File : VX003680.D
 Acq On : 26 Jul 2018 19:45
 Operator : JC/SP
 Sample : J4073-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D1-071618

Quant Time: Jul 27 13:38:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	91491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	138833	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	130269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	62885	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	78787	58.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.28%	
35) Dibromofluoromethane	5.51	113	64724	57.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.06%	
50) Toluene-d8	8.72	98	236078	54.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.00%	
62) 4-Bromofluorobenzene	11.14	95	72844	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	

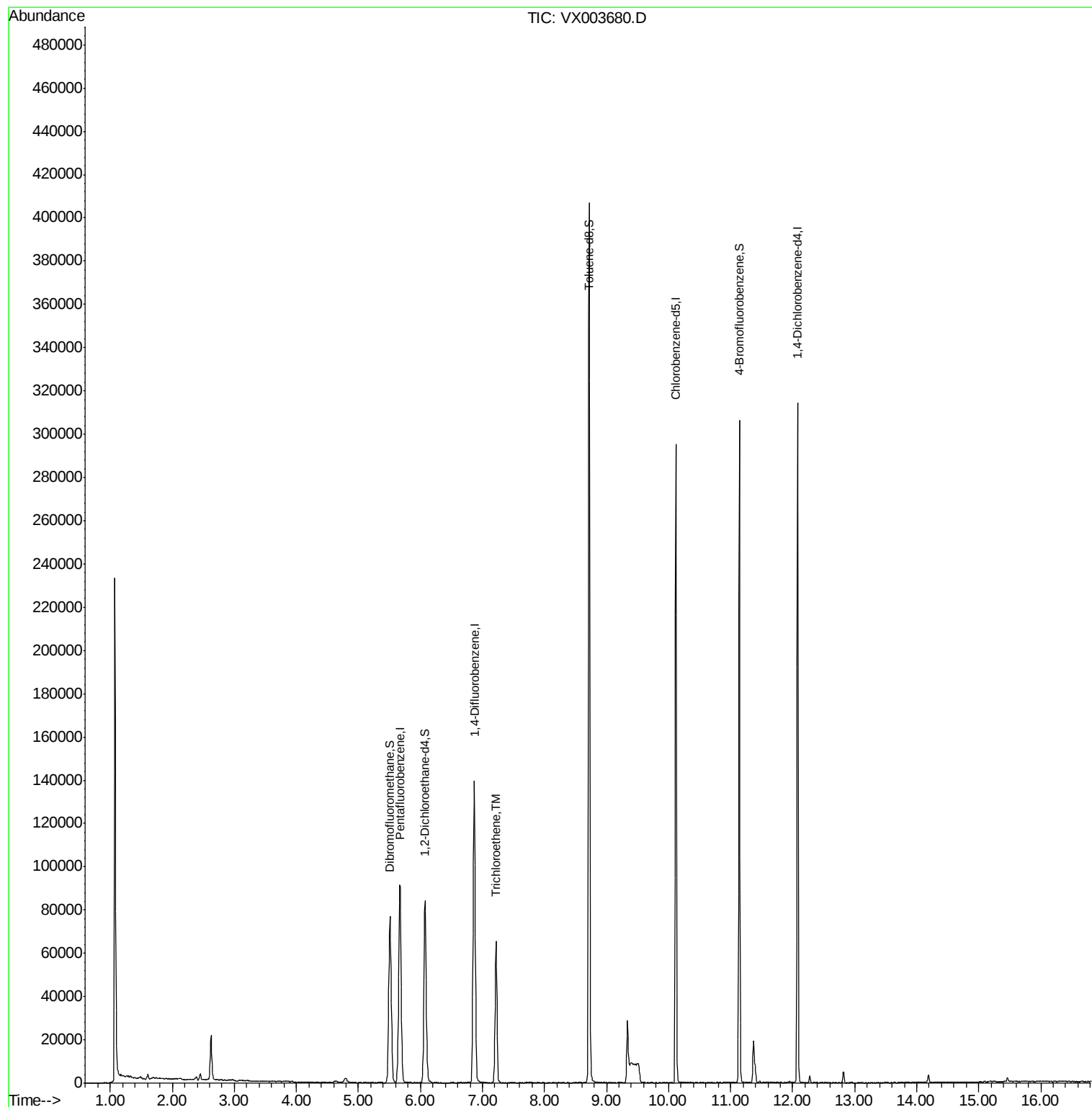
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
44) Trichloroethene	7.22	130	26316	20.44	ug/l	100

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

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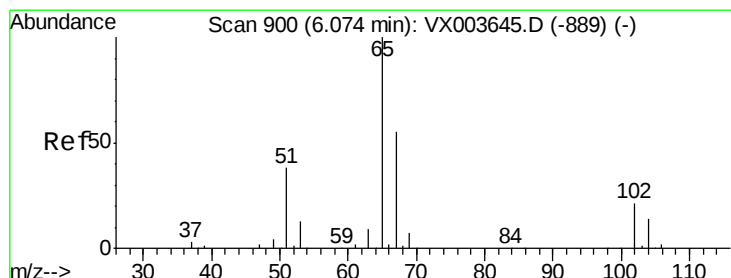
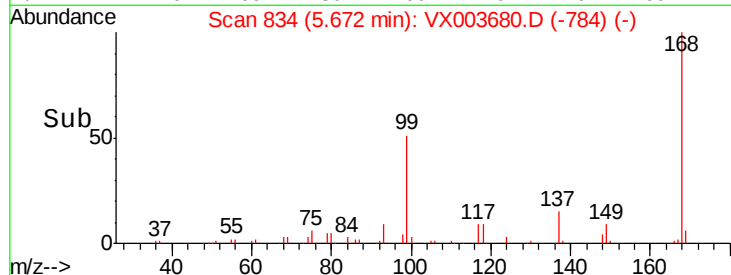
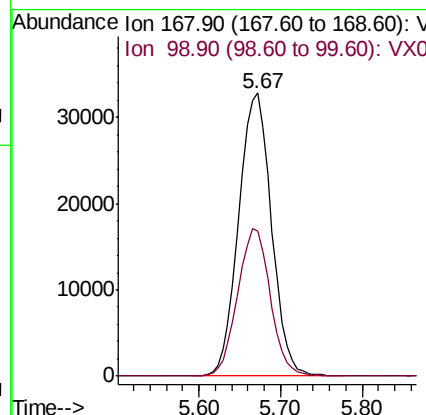
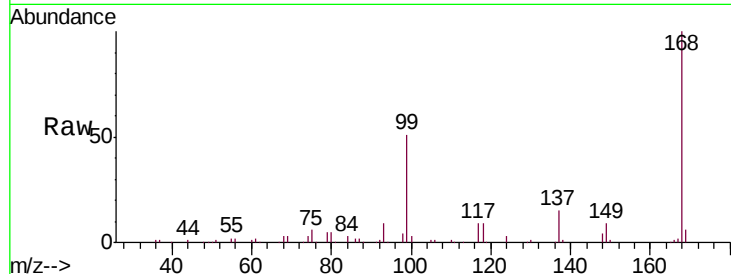




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX003680.D
Acq: 26 Jul 2018 19:45

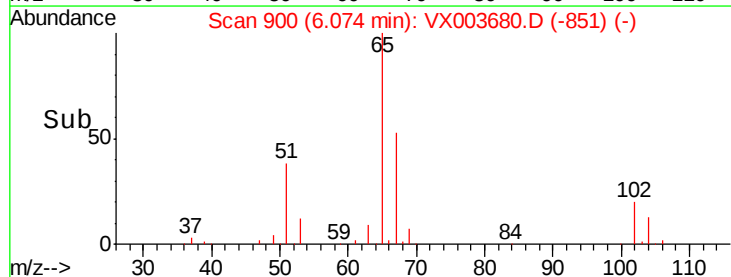
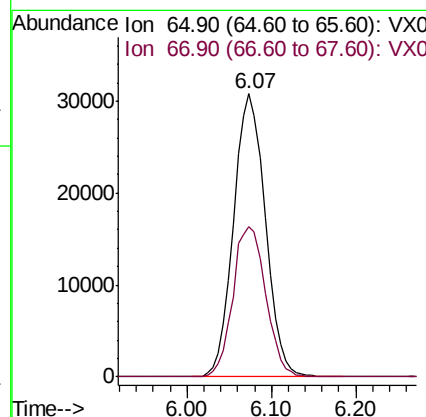
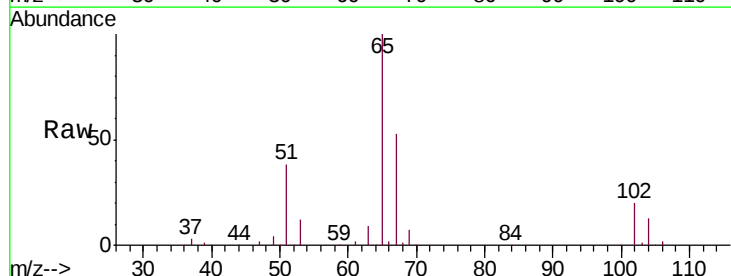
Instrument :
MSVOA_X
ClientSampleId :
RE109D1-071618

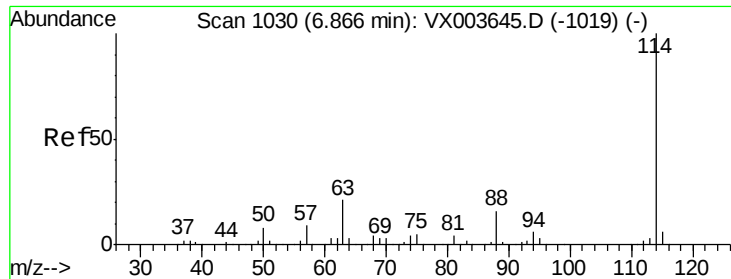
Tot Ion:168 Resp: 91491
Ion Ratio Lower Upper
168 100
99 51.4 49.5 74.3



#33
1,2-Dichloroethane-d4
Concen: 58.14 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX003680.D
Acq: 26 Jul 2018 19:45

Tgt Ion: 65 Resp: 78787
Ion Ratio Lower Upper
65 100
67 54.8 0.0 107.8

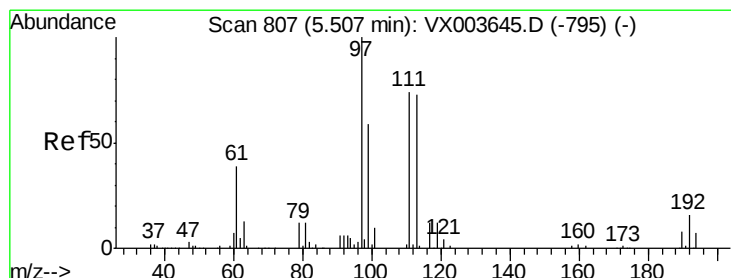
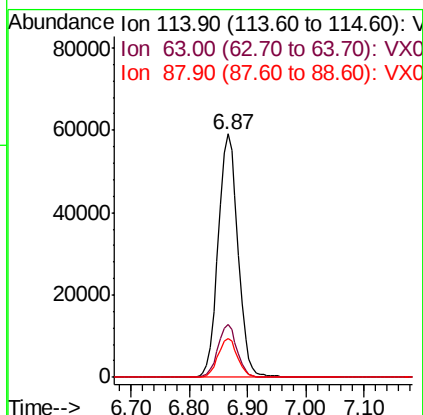
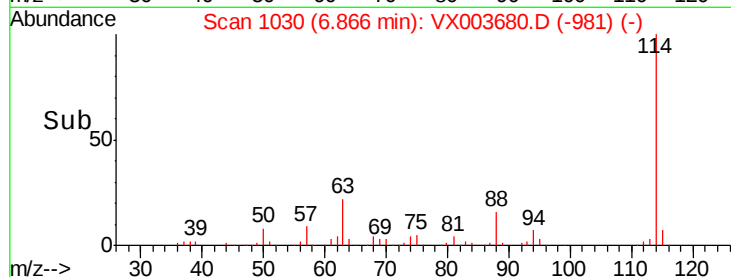
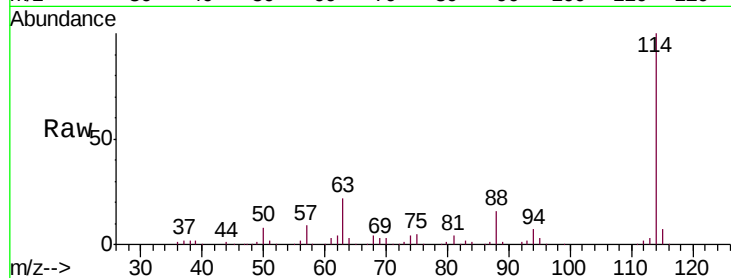




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003680.D
 Acq: 26 Jul 2018 19:45

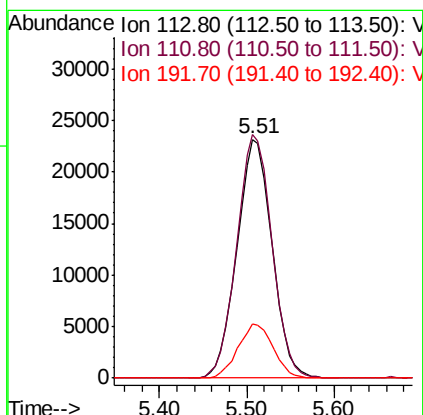
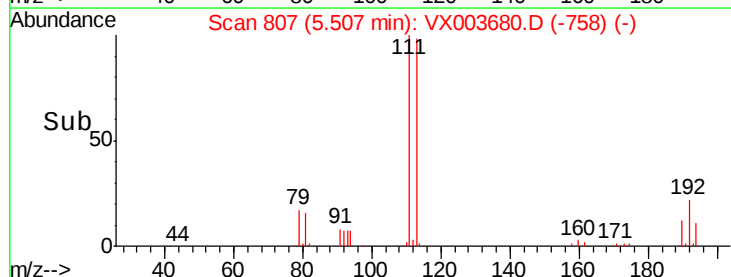
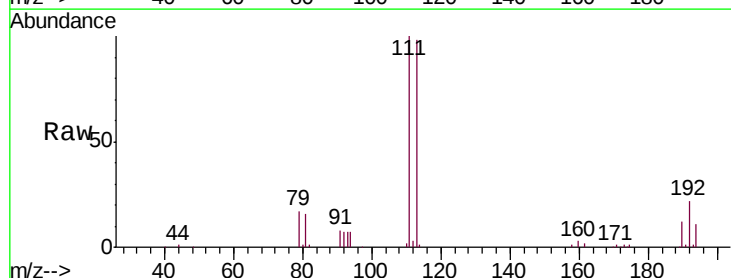
Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D1-071618

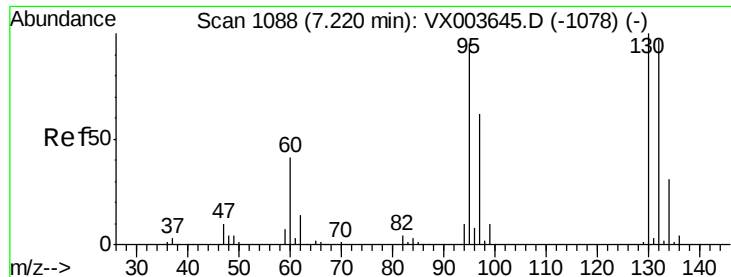
Tot Ion:114 Resp: 138833
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 41.0
 88 15.8 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 57.03 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003680.D
 Acq: 26 Jul 2018 19:45

Tgt Ion:113 Resp: 64724
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.2 121.8
 192 22.7 18.2 27.4





#44

Trichloroethene

Concen: 20.44 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX003680.D

Acq: 26 Jul 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

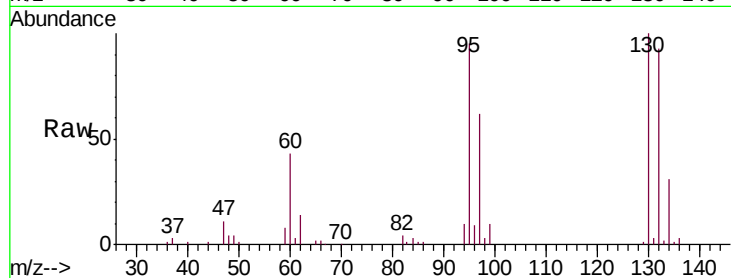
RE109D1-071618

Tot Ion:130 Resp: 26316

Ion Ratio Lower Upper

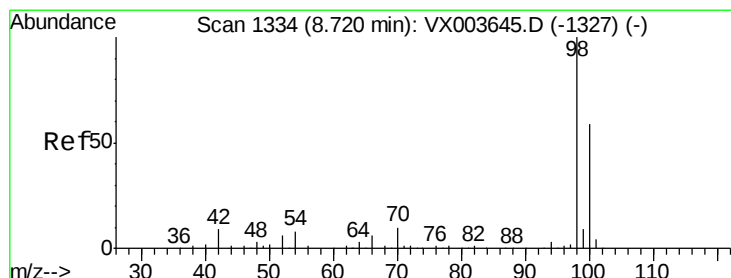
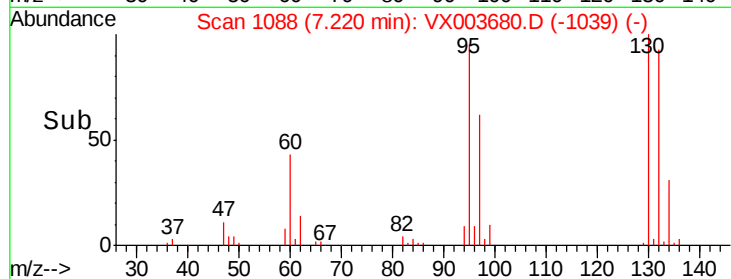
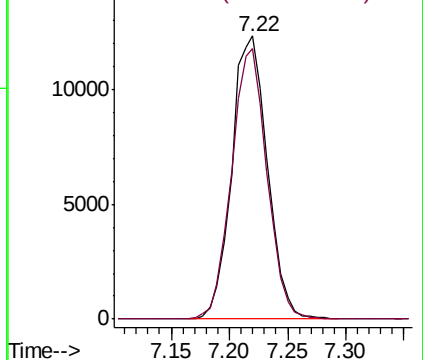
130 100

95 95.4 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: 54.50 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003680.D

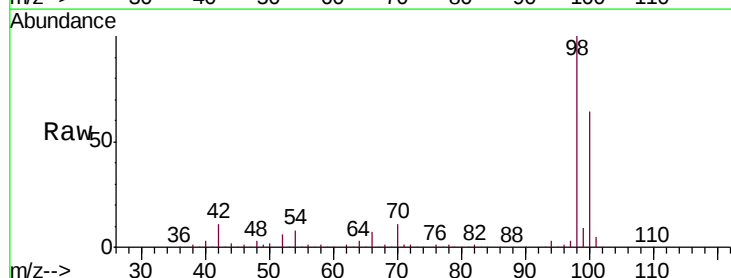
Acq: 26 Jul 2018 19:45

Tgt Ion: 98 Resp: 236078

Ion Ratio Lower Upper

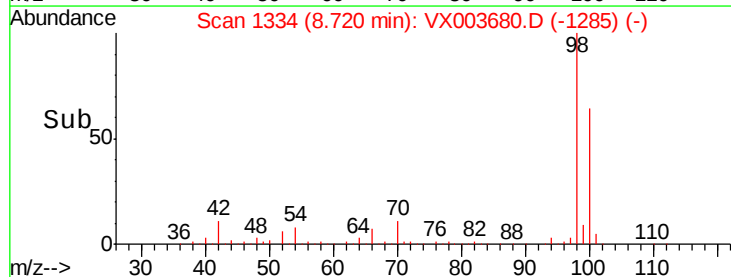
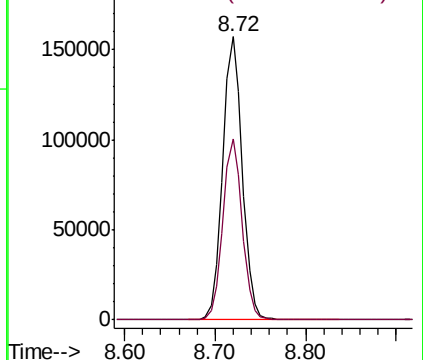
98 100

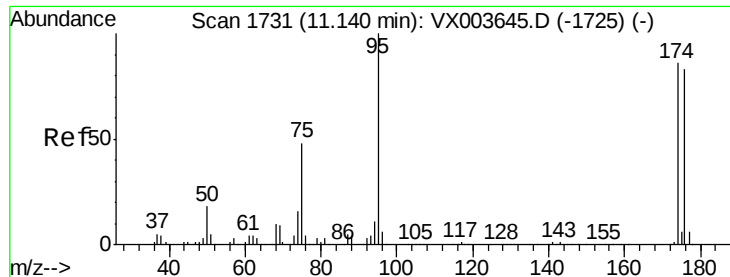
100 63.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.11 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003680.D

Acq: 26 Jul 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

RE109D1-071618

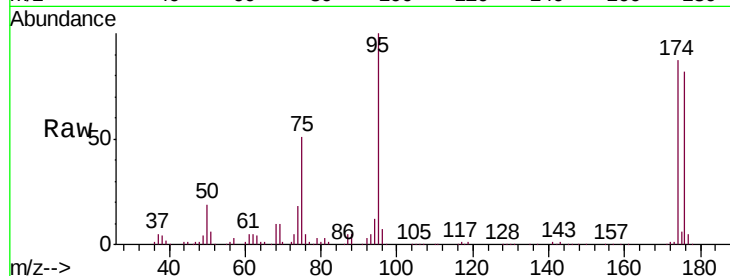
Tot Ion: 95 Resp: 72844

Ion Ratio Lower Upper

95 100

174 88.7 0.0 179.0

176 85.3 0.0 173.0

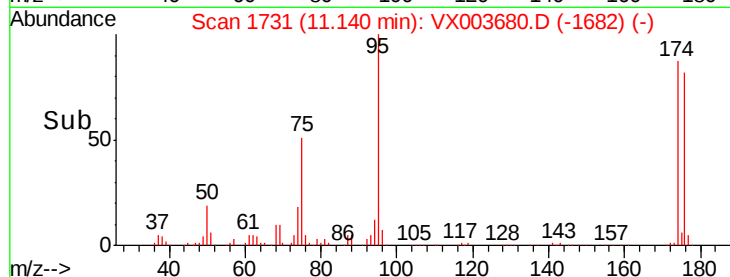


Abundance Ion 94.90 (94.60 to 95.60): VX003645.D (-1725) (-)

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

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

Time-->

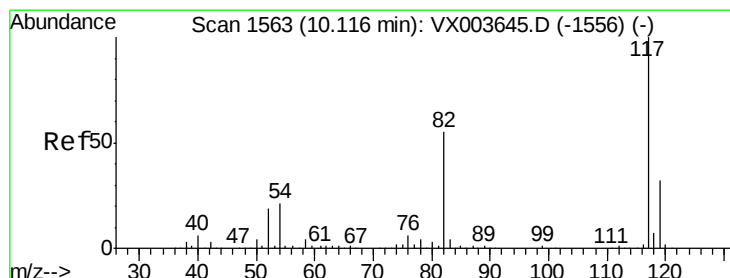


Abundance Ion 94.90 (94.60 to 95.60): VX003680.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX003680.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX003680.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: VX003680.D

Acq: 26 Jul 2018 19:45

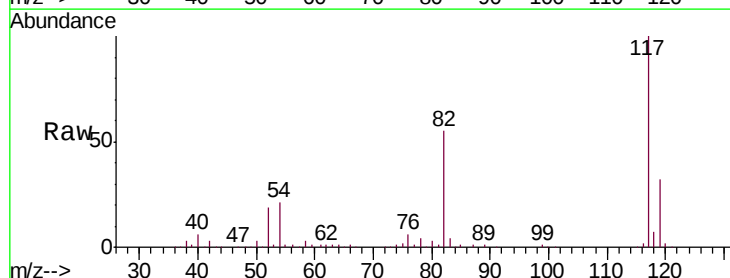
Tgt Ion: 117 Resp: 130269

Ion Ratio Lower Upper

117 100

82 55.5 44.3 66.5

119 31.8 25.6 38.4

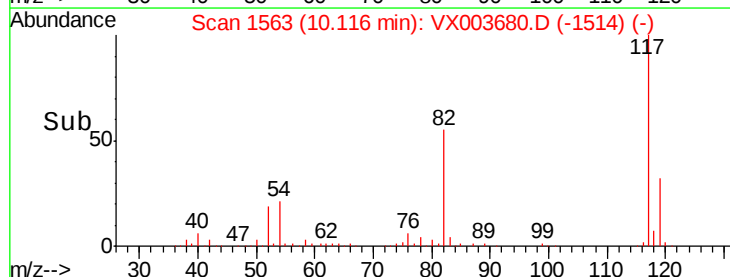


Abundance Ion 116.90 (116.60 to 117.60): VX003645.D (-1556) (-)

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

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

Time-->

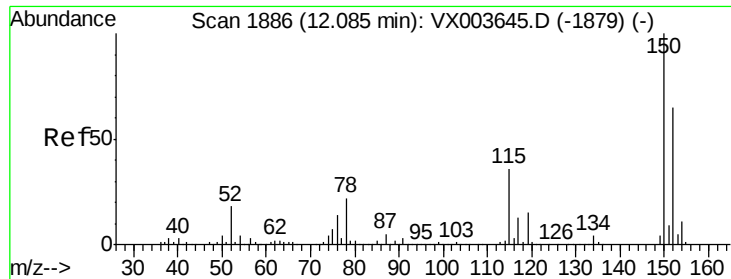


Abundance Ion 116.90 (116.60 to 117.60): VX003680.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX003680.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX003680.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: VX003680.D

Acq: 26 Jul 2018 19:45

Instrument :

MSVOA_X

ClientSampleId :

RE109D1-071618

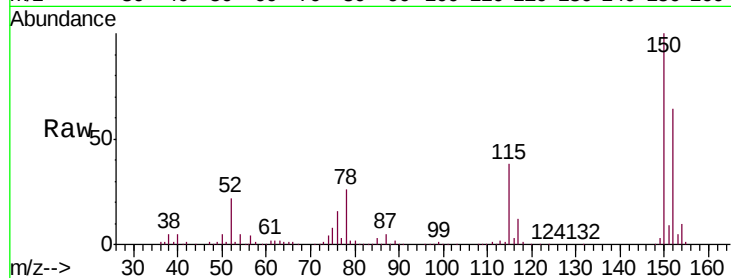
Tot Ion:152 Resp: 62885

Ion Ratio Lower Upper

152 100

115 57.0 40.0 119.9

150 157.7 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

