

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050819\
 Data File : VX009394.D
 Acq On : 08 May 2019 13:36
 Operator : JC/SP
 Sample : K2736-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-190507

Quant Time: May 09 06:49:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 03:31:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	174504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	279168	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	106119	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	113789	47.77	ug/l	0.00
Spiked Amount			Recovery	=	95.54%	
35) Dibromofluoromethane	5.50	113	85529	48.74	ug/l	0.00
Spiked Amount			Recovery	=	97.48%	
50) Toluene-d8	8.71	98	347368	49.03	ug/l	0.00
Spiked Amount			Recovery	=	98.06%	
62) 4-Bromofluorobenzene	11.13	95	115259	44.77	ug/l	0.00
Spiked Amount			Recovery	=	89.54%	

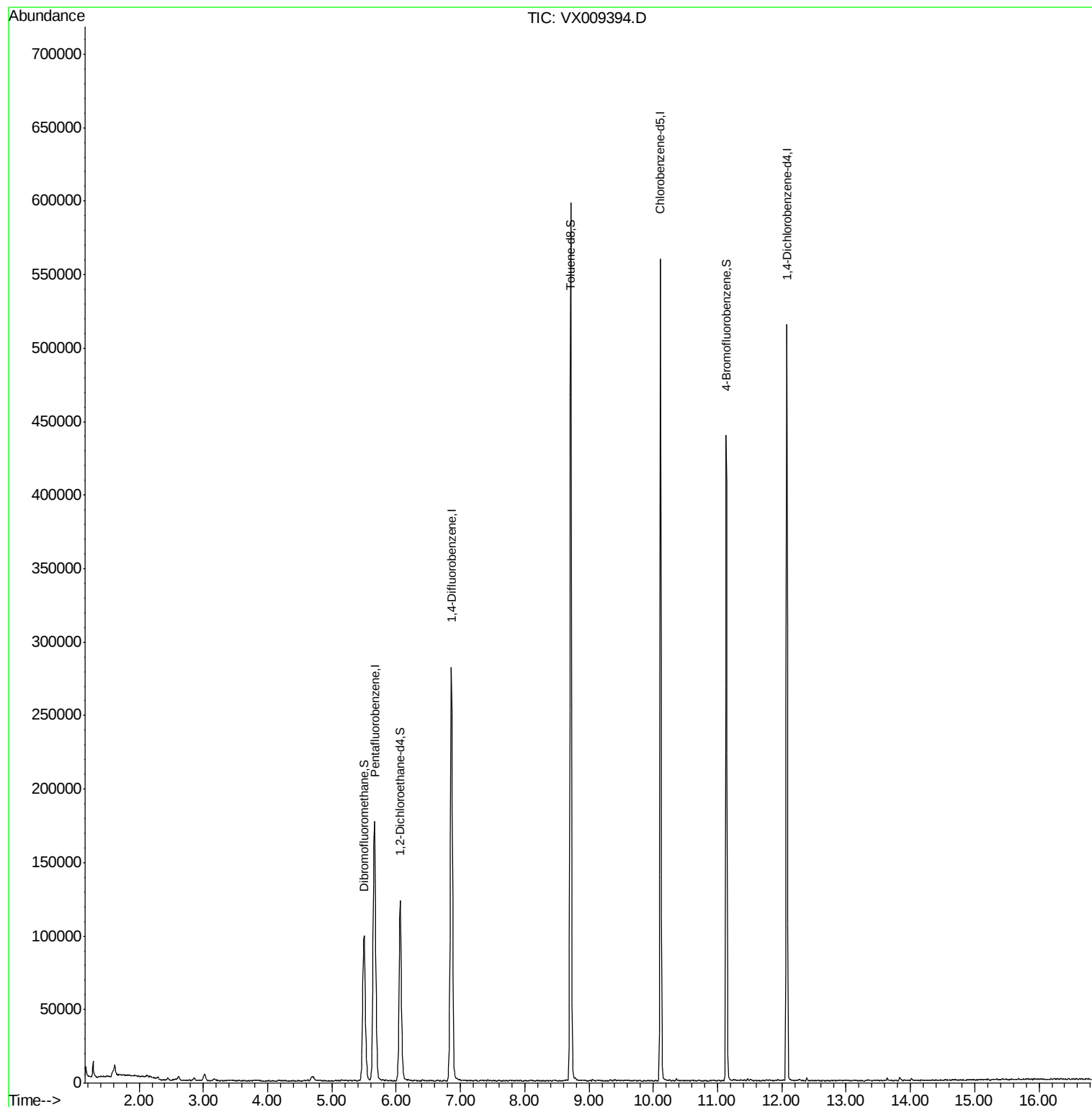
Target Compounds	Qvalue
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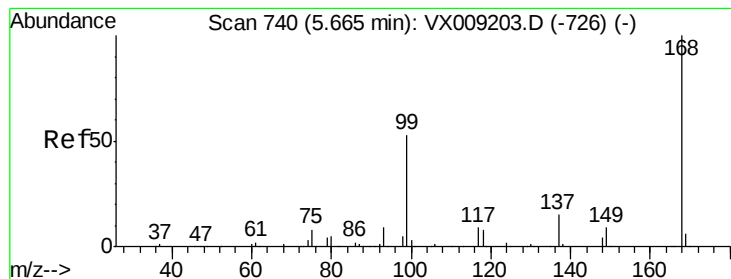
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 08 03:31:13 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009394.D

Acq: 08 May 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

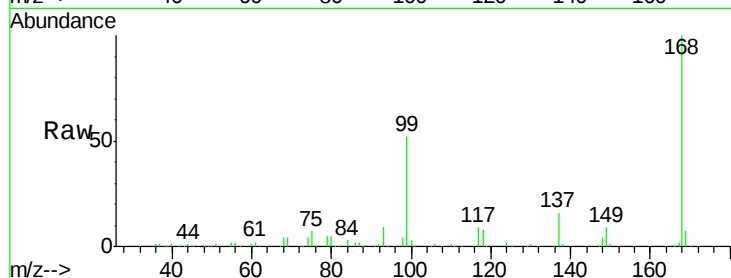
TB-01-190507

Tot Ion:168 Resp: 174504

Ion Ratio Lower Upper

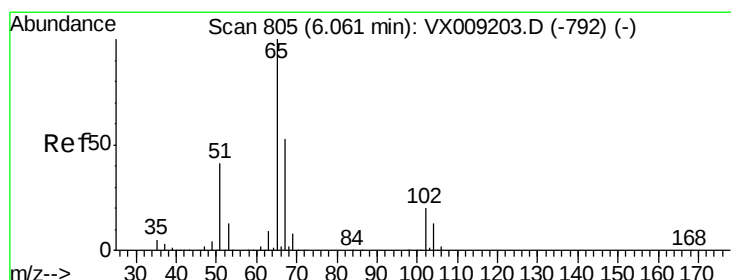
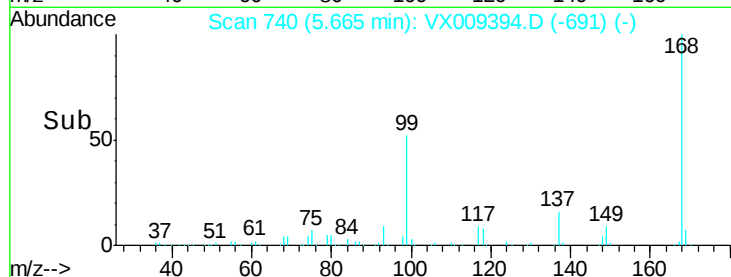
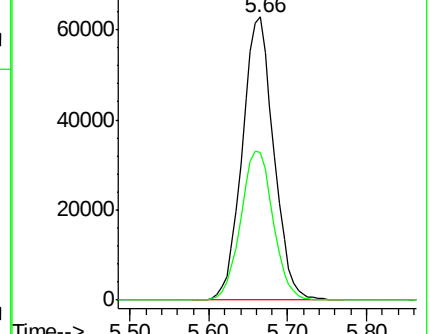
168 100

99 52.1 42.3 63.5



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: 47.767 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009394.D

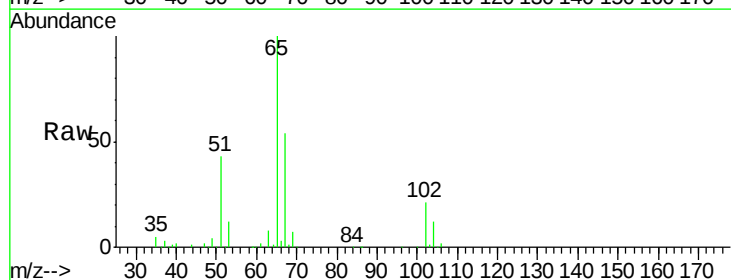
Acq: 08 May 2019 13:36

Tgt Ion: 65 Resp: 113789

Ion Ratio Lower Upper

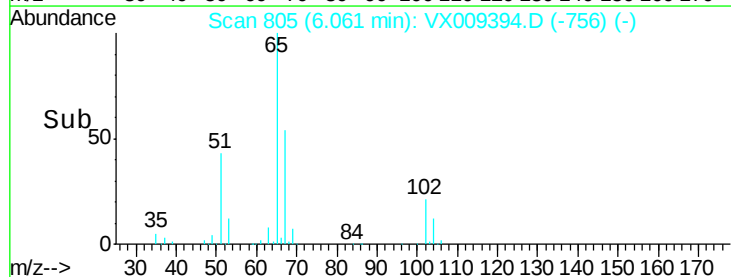
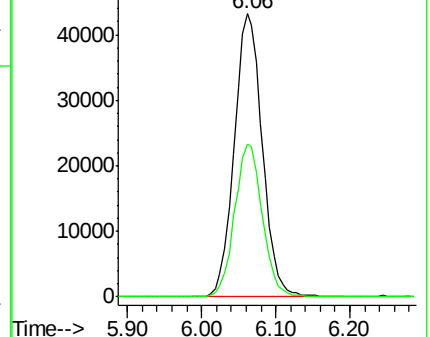
65 100

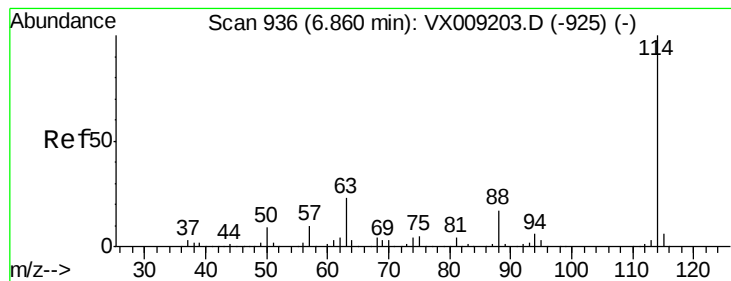
67 53.3 0.0 106.6



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: VX009394.D

Acq: 08 May 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

TB-01-190507

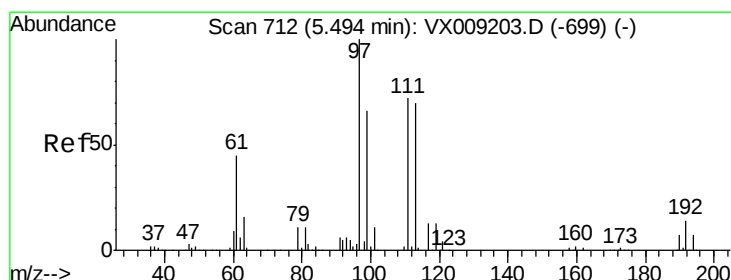
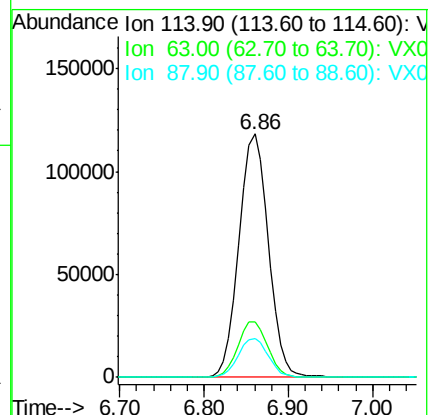
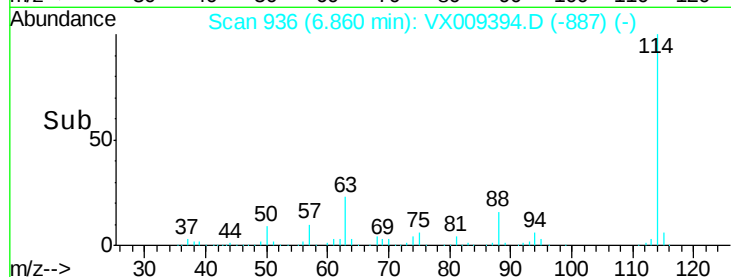
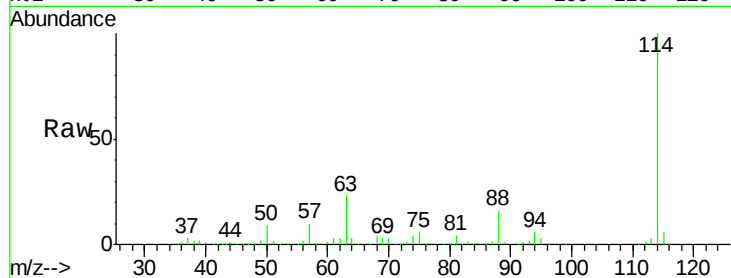
Tot Ion:114 Resp: 279168

Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.6

88 16.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.736 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009394.D

Acq: 08 May 2019 13:36

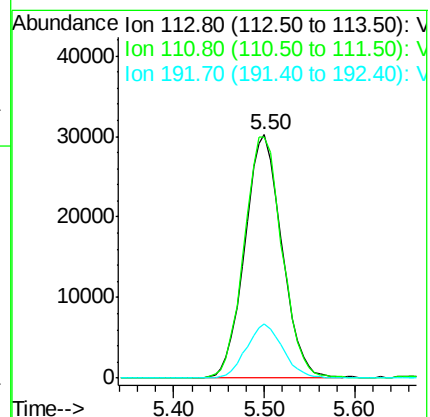
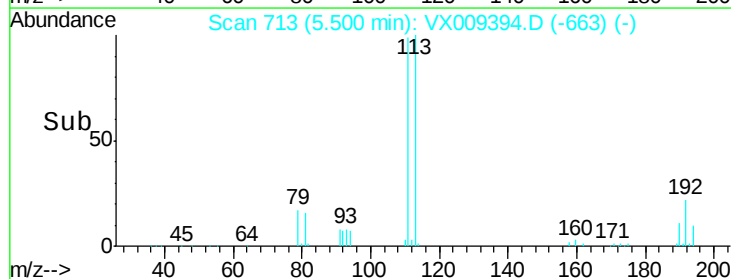
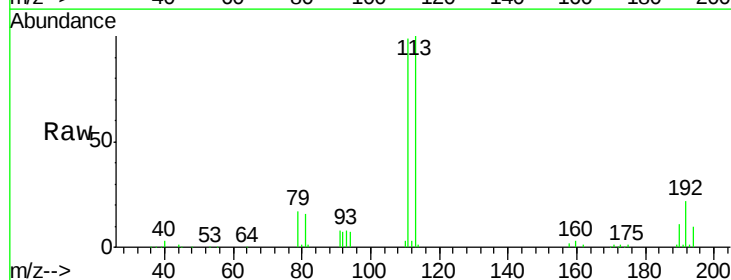
Tgt Ion:113 Resp: 85529

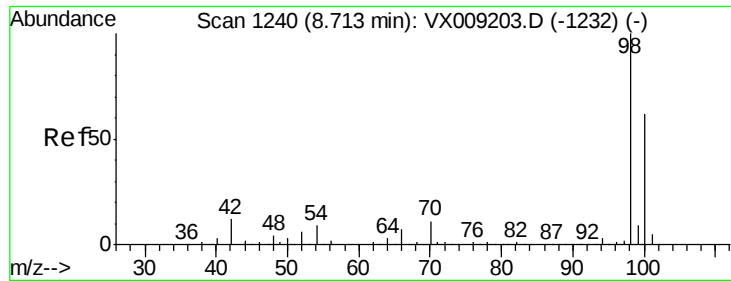
Ion Ratio Lower Upper

113 100

111 101.5 82.8 124.2

192 21.8 17.0 25.6





#50

Toluene-d8

Concen: 49.027 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009394.D

Acq: 08 May 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

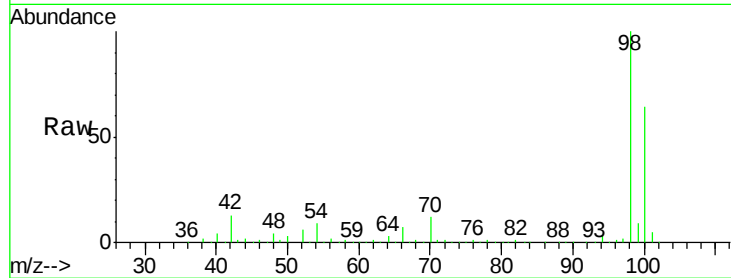
TB-01-190507

Tot Ion: 98 Resp: 347368

Ion Ratio Lower Upper

98 100

100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX009203.D (-1232) (-)

Ion 100.00 (99.70 to 100.70): VX009203.D (-1232) (-)

8.71

250000

200000

150000

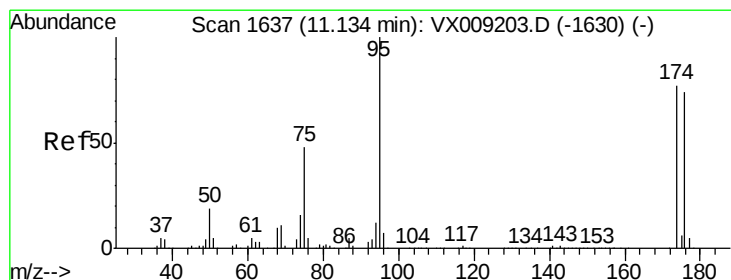
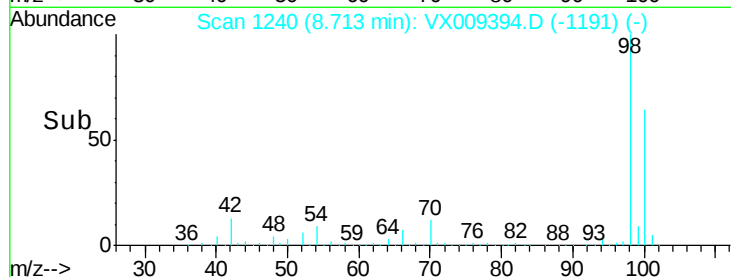
100000

50000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 44.770 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009394.D

Acq: 08 May 2019 13:36

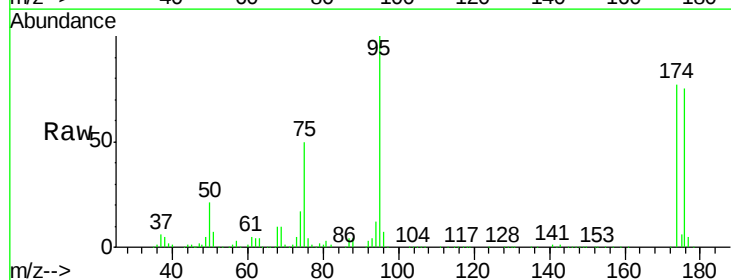
Tgt Ion: 95 Resp: 115259

Ion Ratio Lower Upper

95 100

174 82.6 0.0 161.6

176 80.3 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009203.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX009203.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX009203.D (-1630) (-)

11.13

120000

100000

80000

60000

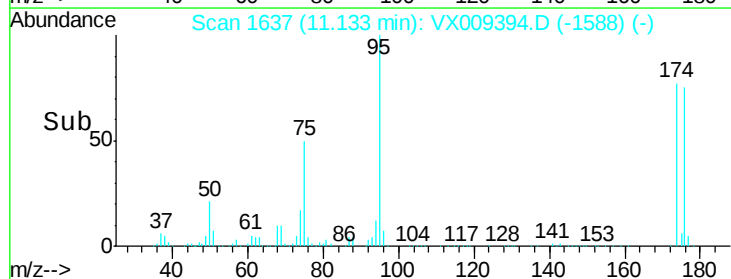
40000

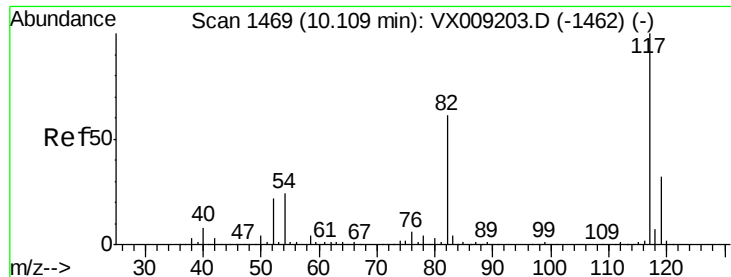
20000

0

11.10 11.20

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009394.D

Acq: 08 May 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

TB-01-190507

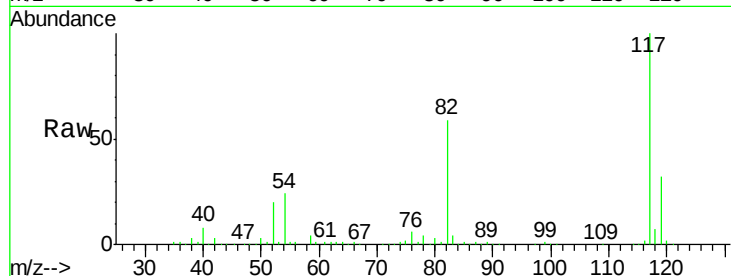
Tot Ion:117 Resp: 244730

Ion Ratio Lower Upper

117 100

82 58.9 48.8 73.2

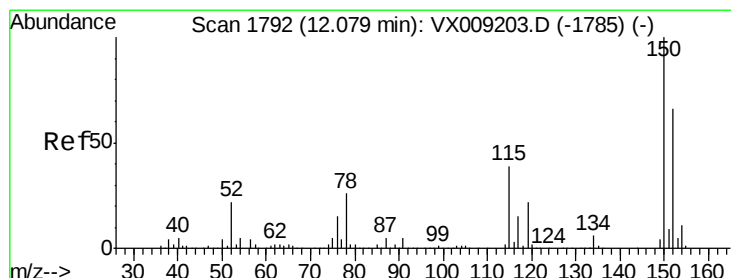
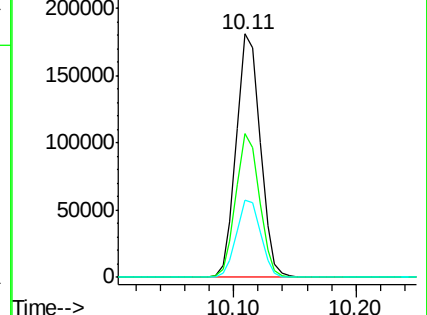
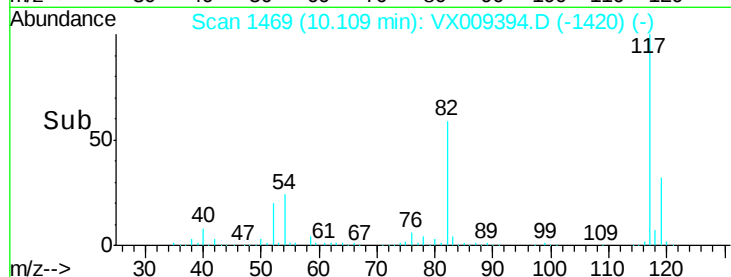
119 31.7 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009394.D

Acq: 08 May 2019 13:36

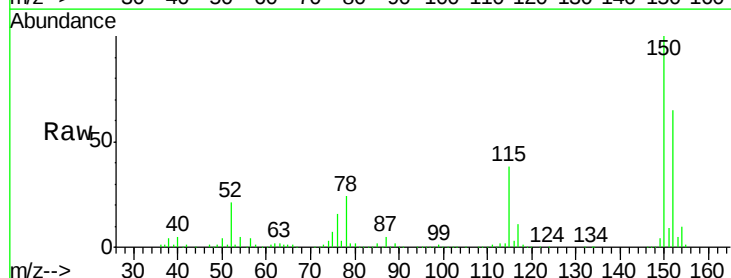
Tgt Ion:152 Resp: 106119

Ion Ratio Lower Upper

152 100

115 58.9 41.2 123.6

150 157.0 0.0 346.4



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

