

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022619\
 Data File : VX007720.D
 Acq On : 26 Feb 2019 18:12
 Operator : JC/SP
 Sample : K1628-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-022619

Quant Time: Feb 27 00:37:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	321067	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	564643	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	521736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	232400	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	203269	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	
35) Dibromofluoromethane	5.50	113	190647	50.51	ug/l	0.00
Spiked Amount			Recovery	=	101.02%	
50) Toluene-d8	8.71	98	673616	46.62	ug/l	0.00
Spiked Amount			Recovery	=	93.24%	
62) 4-Bromofluorobenzene	11.13	95	232650	43.87	ug/l	0.00
Spiked Amount			Recovery	=	87.74%	

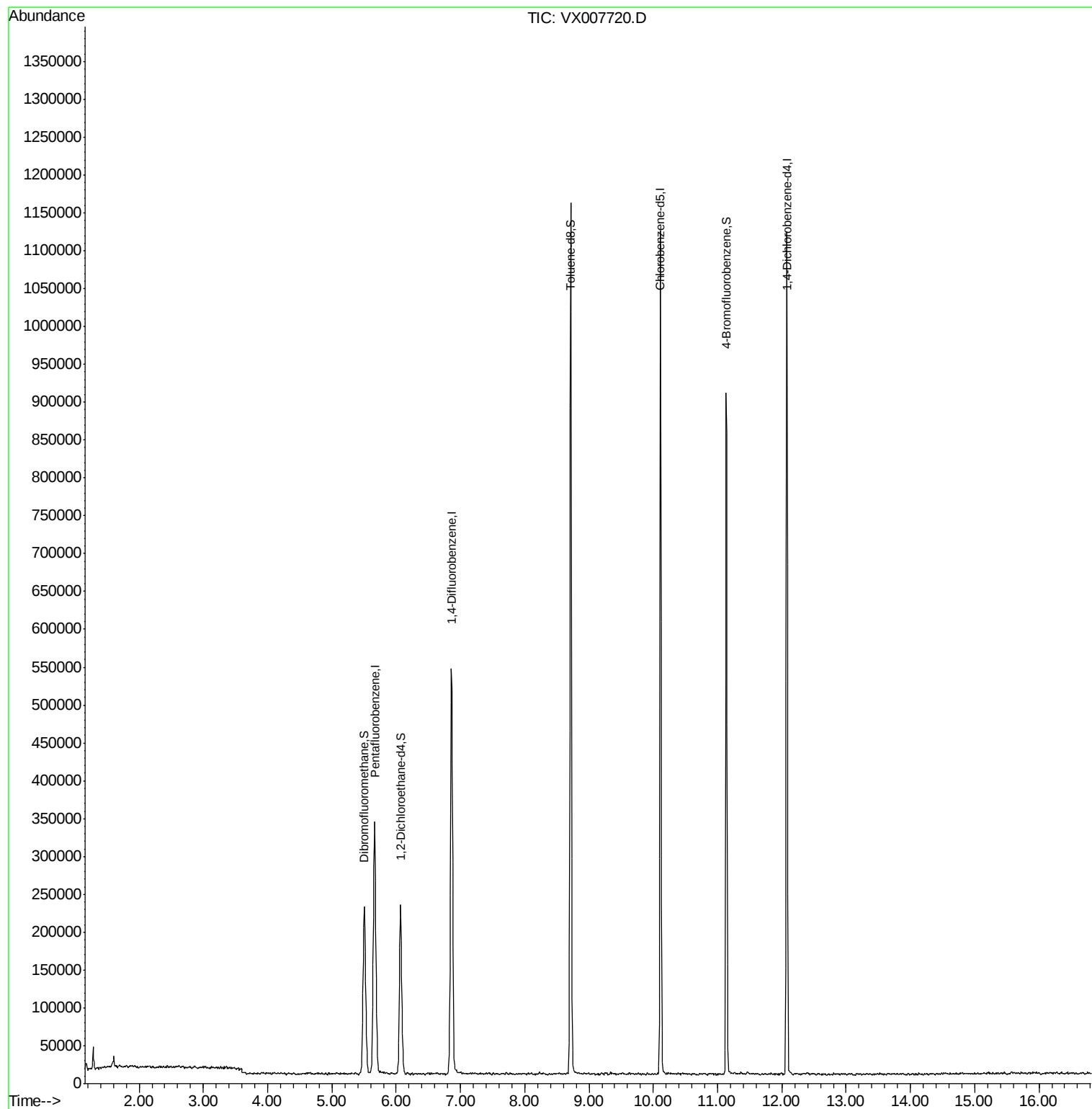
Target Compounds	Qvalue
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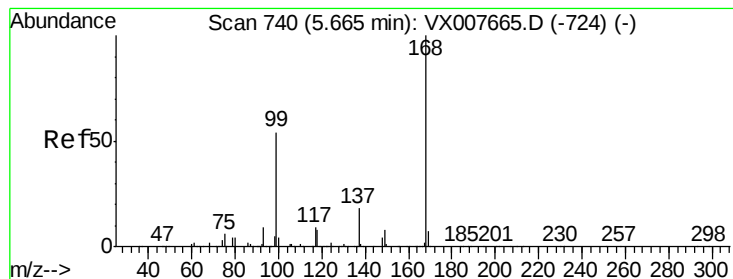
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007720.D

Acq: 26 Feb 2019 18:12

Instrument :

MSVOA_X

ClientSampleId :

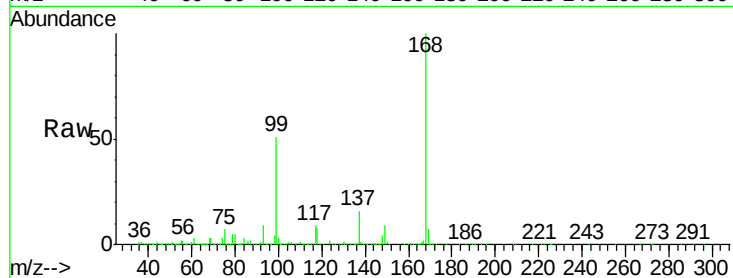
TB-022619

Tot Ion:168 Resp: 321067

Ion Ratio Lower Upper

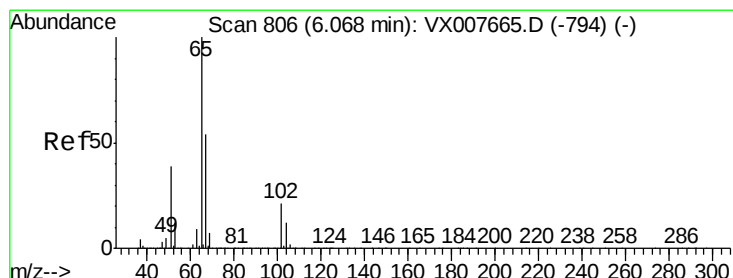
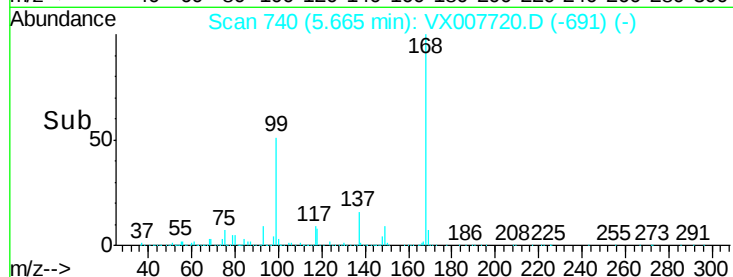
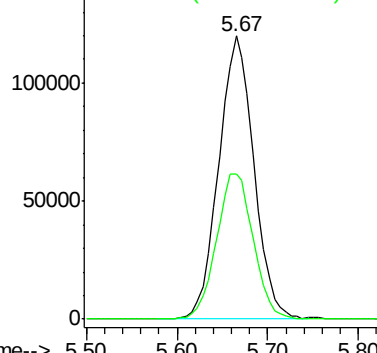
168 100

99 51.1 37.9 56.9



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: 51.111 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007720.D

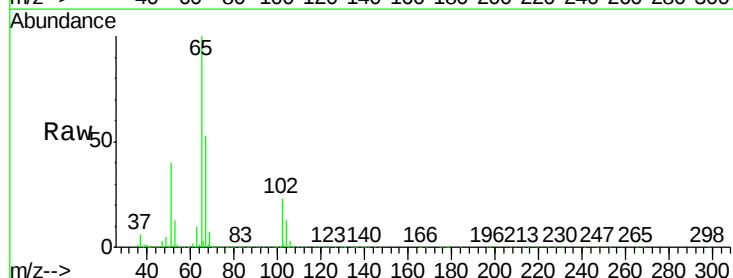
Acq: 26 Feb 2019 18:12

Tgt Ion: 65 Resp: 203269

Ion Ratio Lower Upper

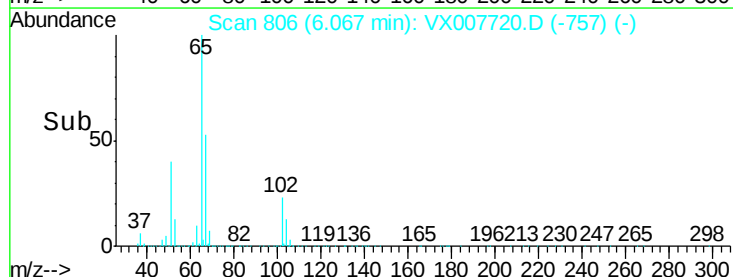
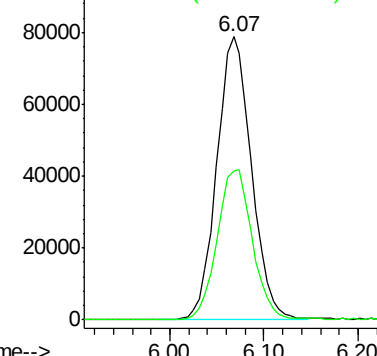
65 100

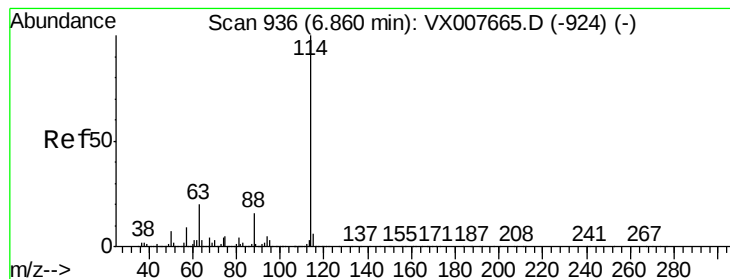
67 53.5 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007720.D

Acq: 26 Feb 2019 18:12

Instrument :

MSVOA_X

ClientSampleId :

TB-022619

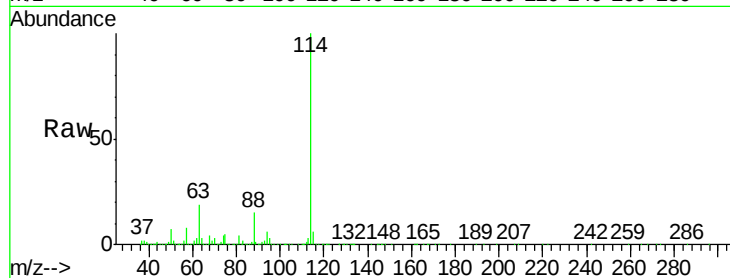
Tot Ion:114 Resp: 564643

Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.6

88 15.3 0.0 29.6



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

300000

250000

200000

150000

100000

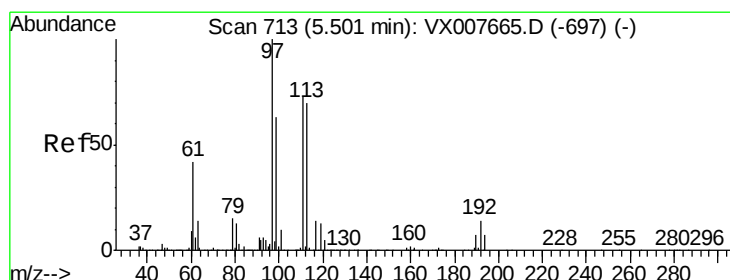
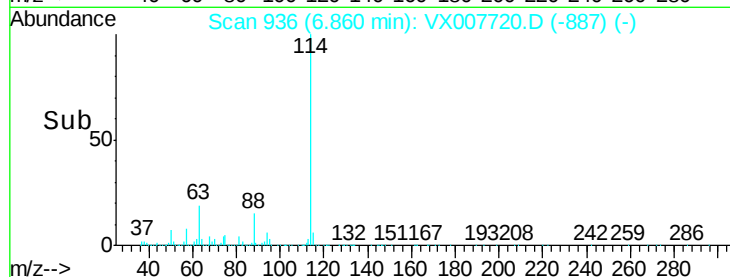
50000

0

6.86

6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 50.510 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007720.D

Acq: 26 Feb 2019 18:12

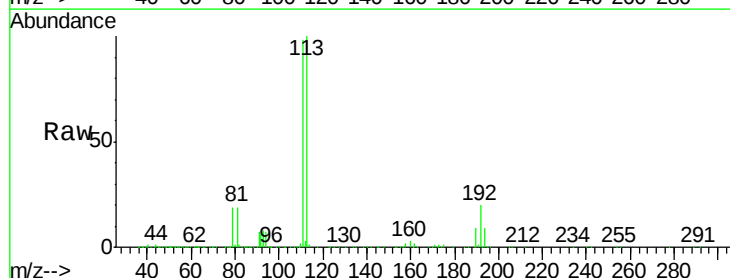
Tgt Ion:113 Resp: 190647

Ion Ratio Lower Upper

113 100

111 100.8 81.8 122.8

192 20.0 18.5 27.7



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

80000

60000

40000

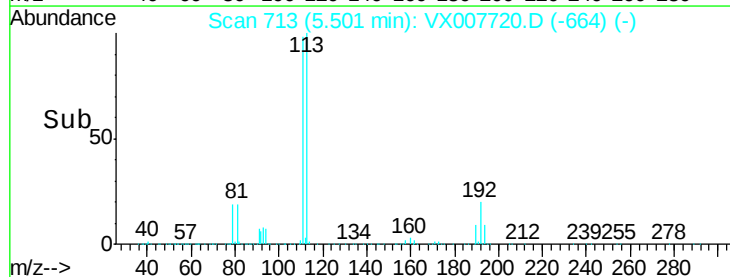
20000

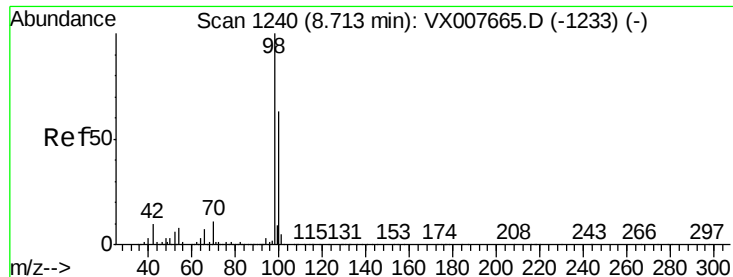
0

5.50

5.40 5.50 5.60

Time-->





#50

Toluene-d8

Concen: 46.617 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007720.D

Acq: 26 Feb 2019 18:12

Instrument :

MSVOA_X

ClientSampleId :

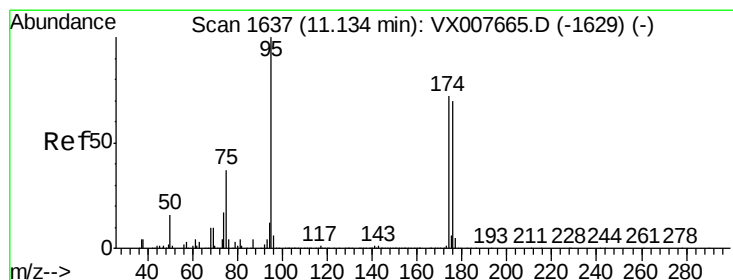
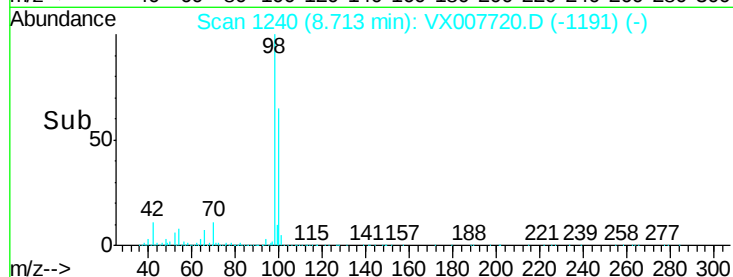
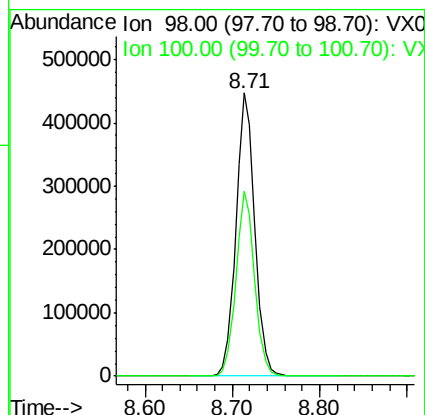
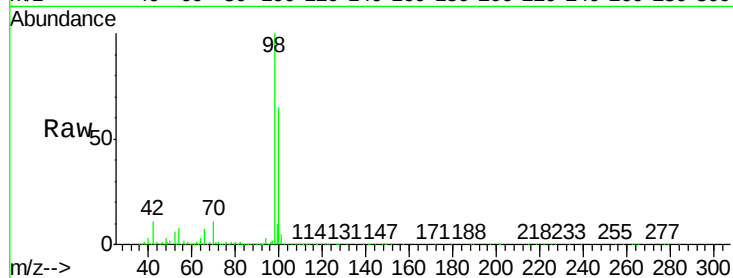
TB-022619

Tot Ion: 98 Resp: 673616

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 43.866 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007720.D

Acq: 26 Feb 2019 18:12

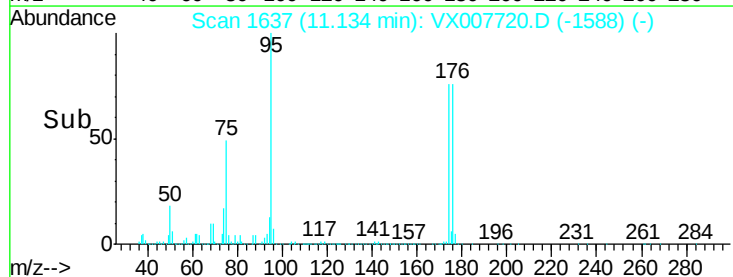
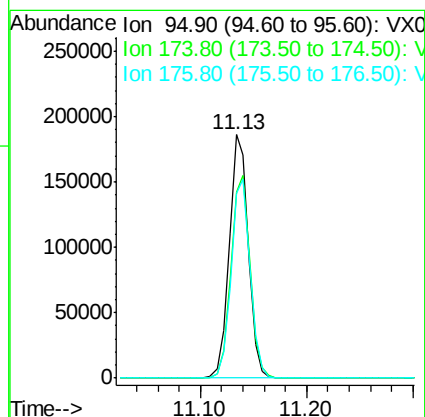
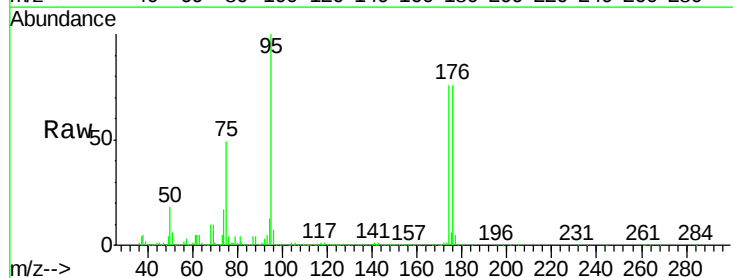
Tgt Ion: 95 Resp: 232650

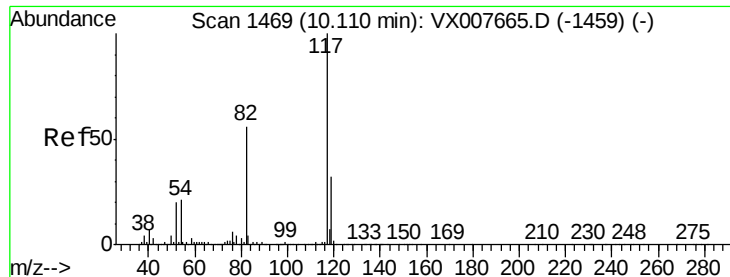
Ion Ratio Lower Upper

95 100

174 84.2 0.0 189.2

176 81.8 0.0 186.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007720.D

Acq: 26 Feb 2019 18:12

Instrument :

MSVOA_X

ClientSampled :

TB-022619

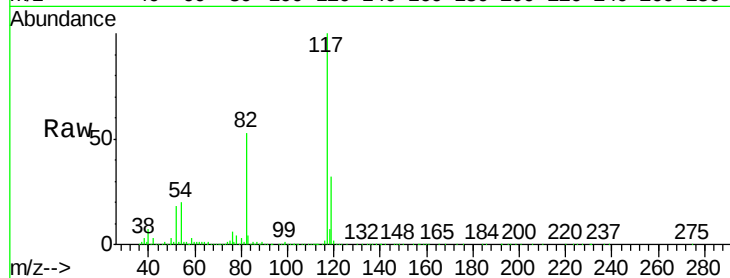
Tot Ion:117 Resp: 521736

Ion Ratio Lower Upper

117 100

82 52.5 42.1 63.1

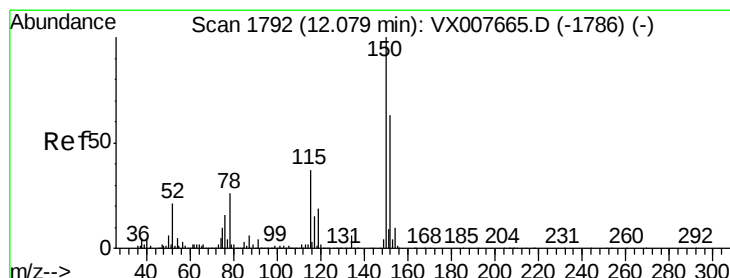
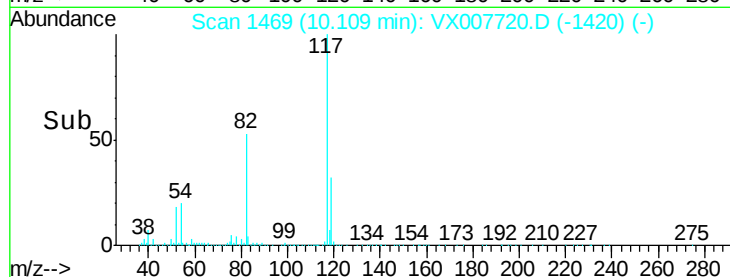
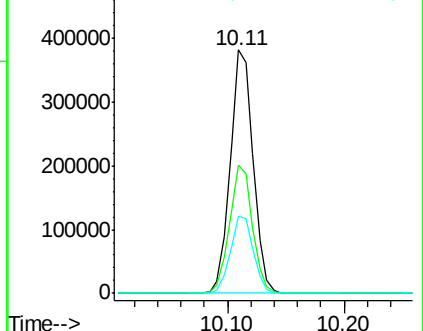
119 31.9 26.5 39.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VX007720.D

Acq: 26 Feb 2019 18:12

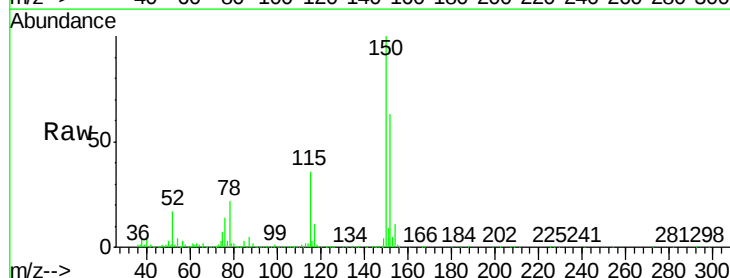
Tgt Ion:152 Resp: 232400

Ion Ratio Lower Upper

152 100

115 58.0 38.0 114.0

150 158.7 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

