

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030119\
 Data File : VX007791.D
 Acq On : 01 Mar 2019 15:53
 Operator : JC/SP
 Sample : K1701-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Mar 02 00:21:05 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	331885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	509832	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	488391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	232778	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	188470	45.85	ug/l	0.00
Spiked Amount			Recovery	=	91.70%	
35) Dibromofluoromethane	5.51	113	163136	47.87	ug/l	0.00
Spiked Amount			Recovery	=	95.74%	
50) Toluene-d8	8.71	98	628380	48.16	ug/l	0.00
Spiked Amount			Recovery	=	96.32%	
62) 4-Bromofluorobenzene	11.13	95	228065	47.62	ug/l	0.00
Spiked Amount			Recovery	=	95.24%	

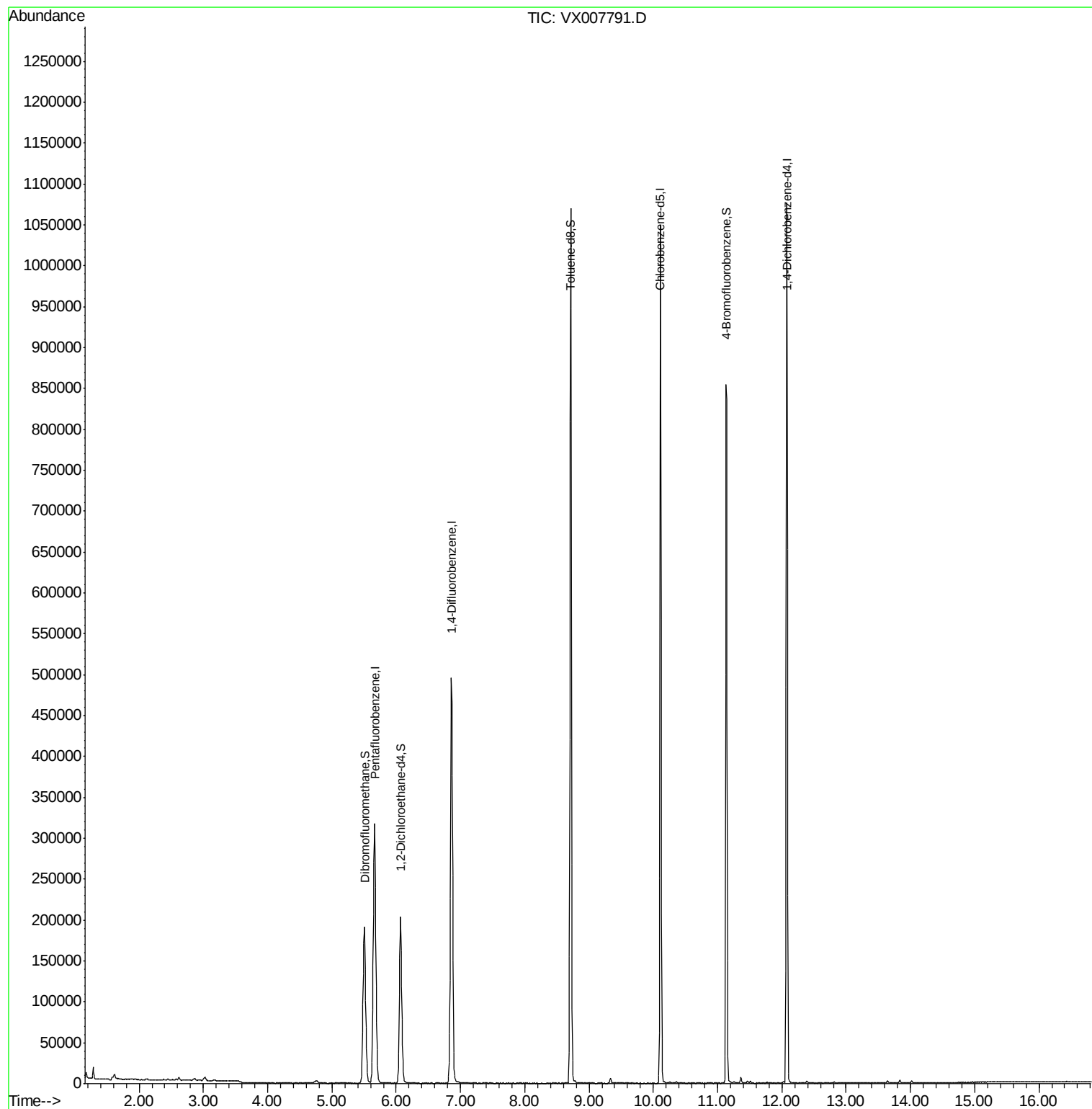
Target Compounds	Qvalue
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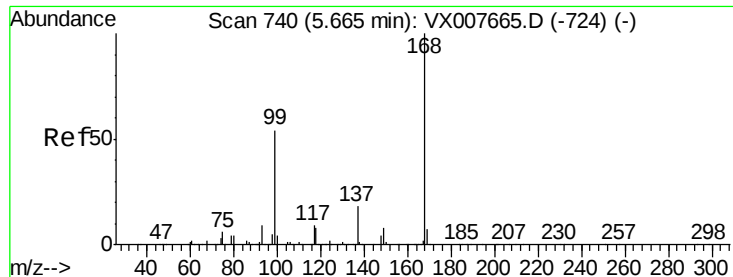
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007791.D

Acq: 01 Mar 2019 15:53

Instrument :

MSVOA_X

ClientSampled :

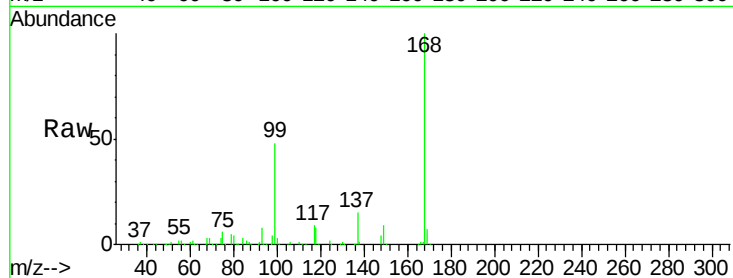
TB

Tot Ion:168 Resp: 331885

Ion Ratio Lower Upper

168 100

99 47.6 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

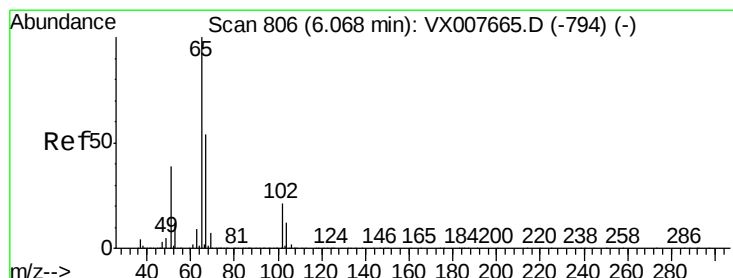
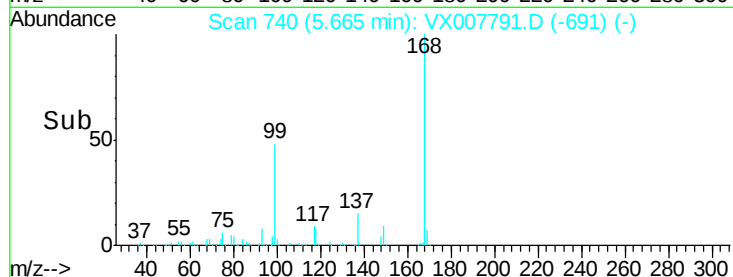
5.67

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.845 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007791.D

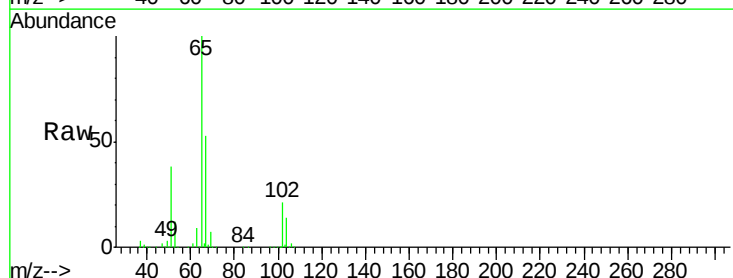
Acq: 01 Mar 2019 15:53

Tgt Ion: 65 Resp: 188470

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

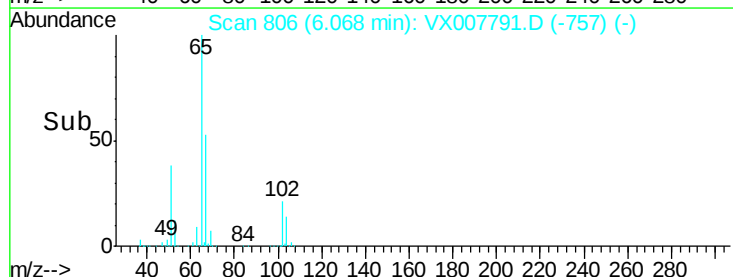
60000

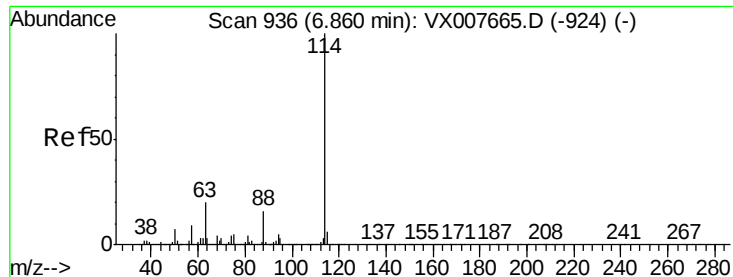
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007791.D

Acq: 01 Mar 2019 15:53

Instrument :

MSVOA_X

ClientSampleId :

TB

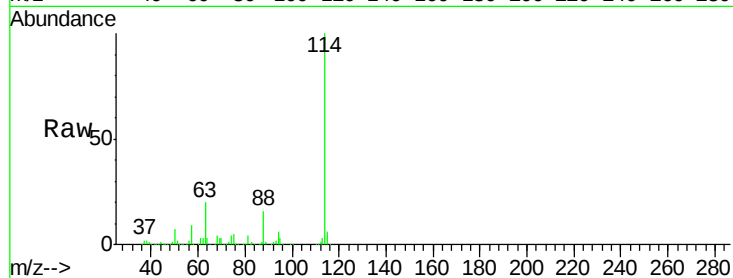
Tot Ion:114 Resp: 509832

Ion Ratio Lower Upper

114 100

63 20.1 0.0 35.6

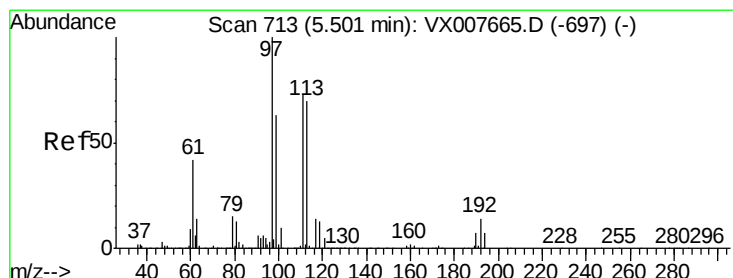
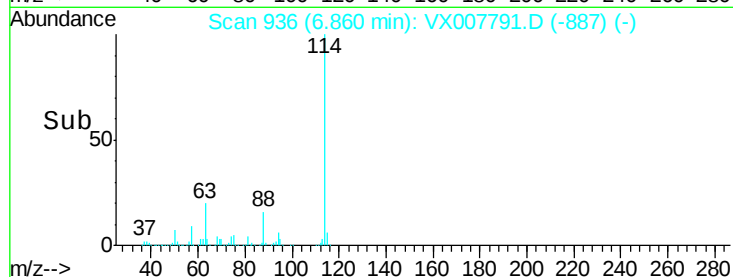
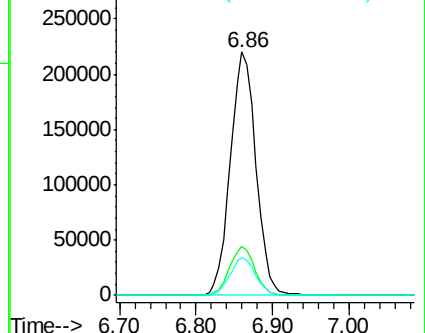
88 15.6 0.0 29.6



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



#35

Dibromofluoromethane

Concen: 47.868 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007791.D

Acq: 01 Mar 2019 15:53

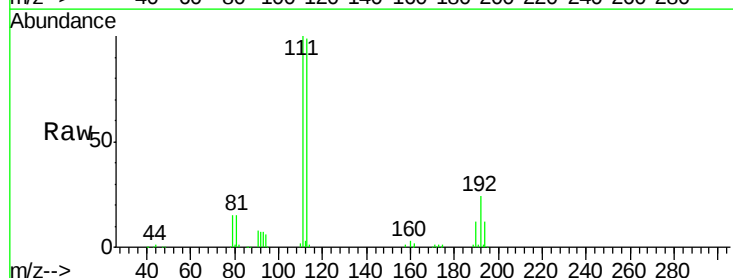
Tgt Ion:113 Resp: 163136

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

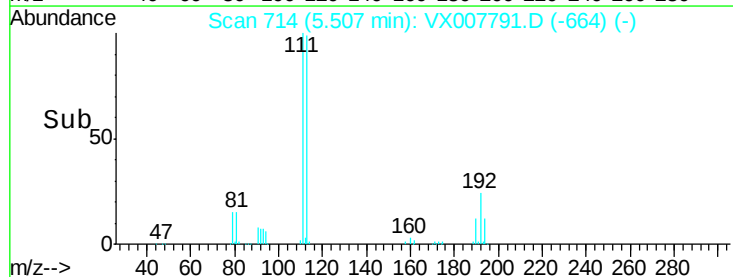
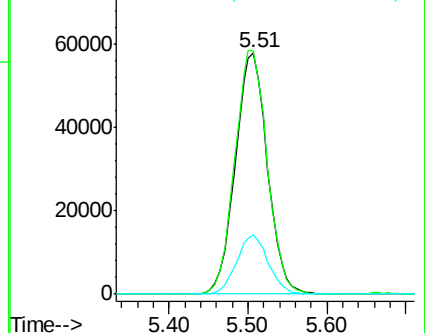
192 24.2 18.5 27.7



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

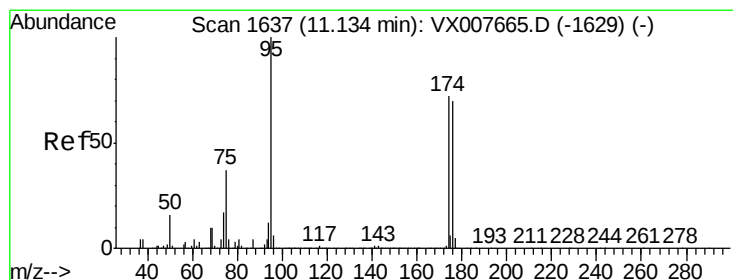
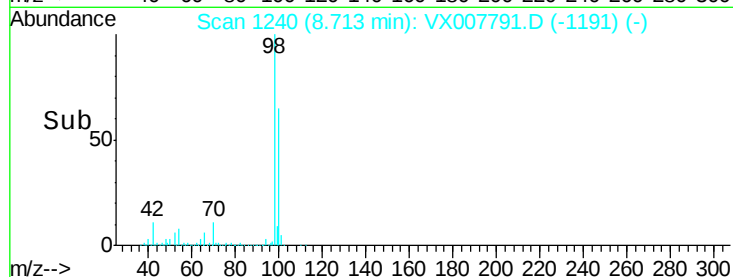
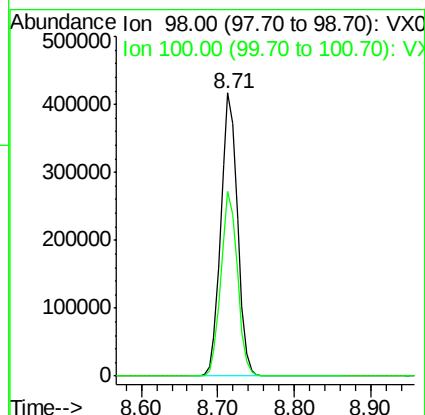
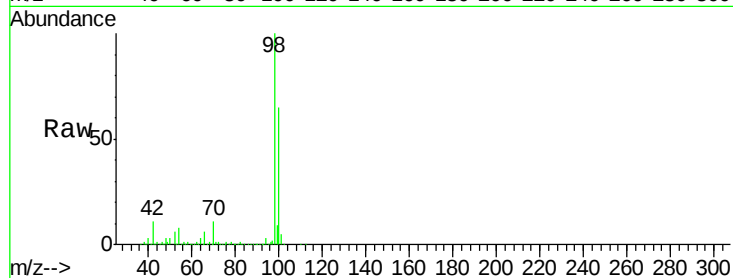




#50
Toluene-d8
Concen: 48.161 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007791.D
Acq: 01 Mar 2019 15:53

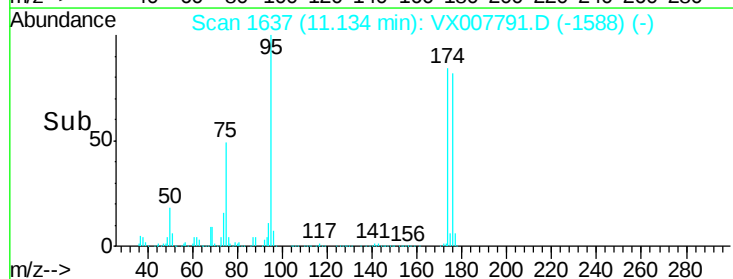
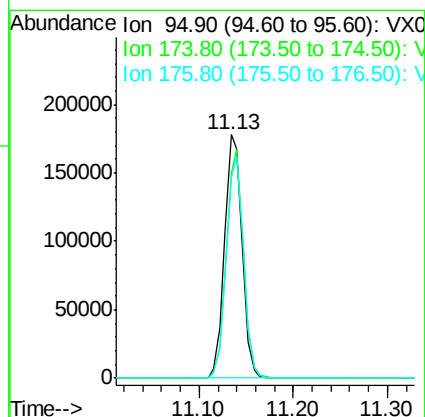
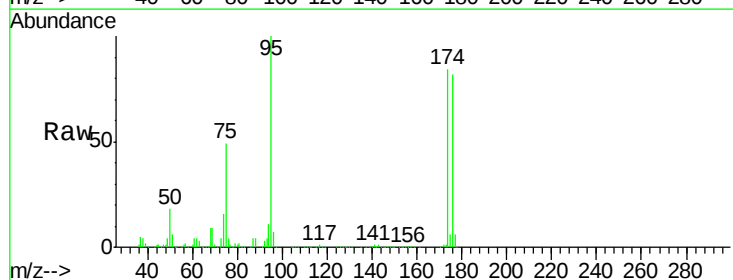
Instrument :
MSVOA_X
ClientSampleId :
TB

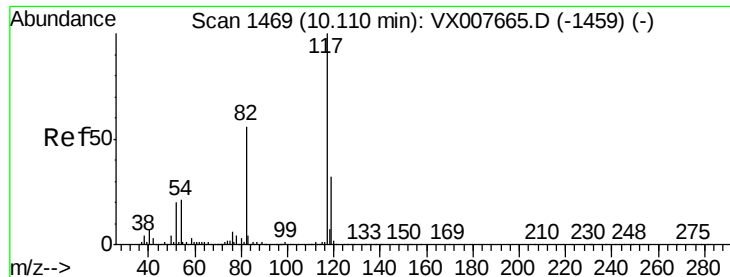
Tot Ion: 98 Resp: 628380
Ion Ratio Lower Upper
98 100
100 64.8 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 47.624 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007791.D
Acq: 01 Mar 2019 15:53

Tgt Ion: 95 Resp: 228065
Ion Ratio Lower Upper
95 100
174 91.8 0.0 189.2
176 89.7 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: VX007791.D

Acq: 01 Mar 2019 15:53

Instrument :

MSVOA_X

ClientSampleId :

TB

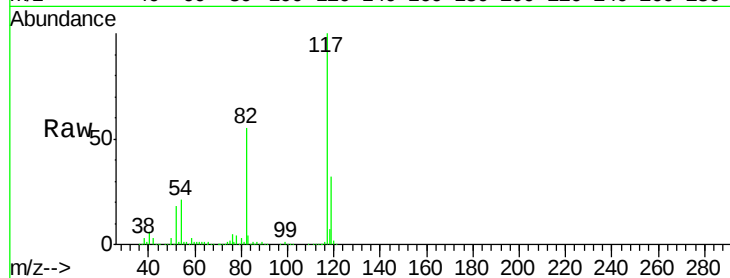
Tot Ion:117 Resp: 488391

Ion Ratio Lower Upper

117 100

82 55.0 42.1 63.1

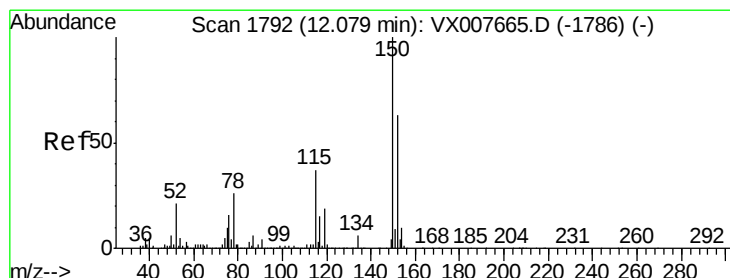
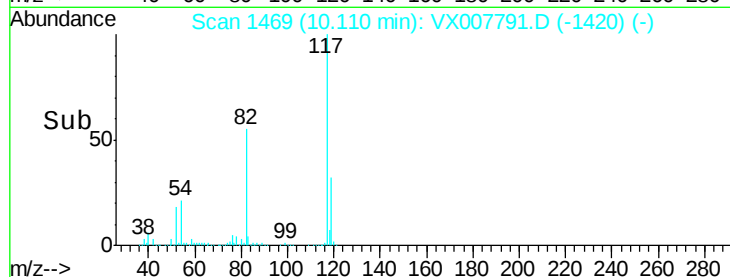
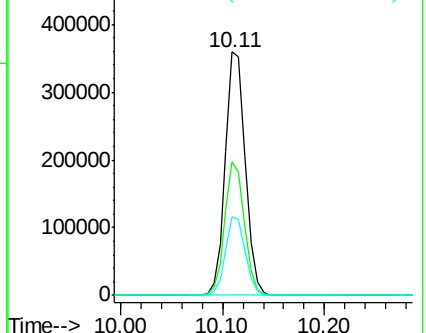
119 32.3 26.5 39.7



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: VX007791.D

Acq: 01 Mar 2019 15:53

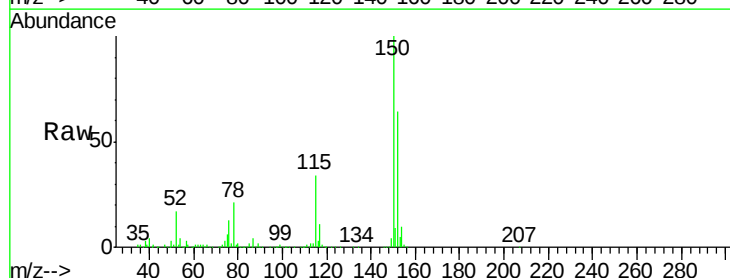
Tgt Ion:152 Resp: 232778

Ion Ratio Lower Upper

152 100

115 55.2 38.0 114.0

150 156.6 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

