

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071818\
 Data File : VX003440.D
 Acq On : 18 Jul 2018 11:54
 Operator : JC/MD
 Sample : VX0718WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718WBL01

Quant Time: Jul 18 15:11:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	288434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	404500	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	384466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222021	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	172592	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
35) Dibromofluoromethane	5.51	113	157486	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
50) Toluene-d8	8.71	98	588840	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
62) 4-Bromofluorobenzene	11.14	95	206249	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	

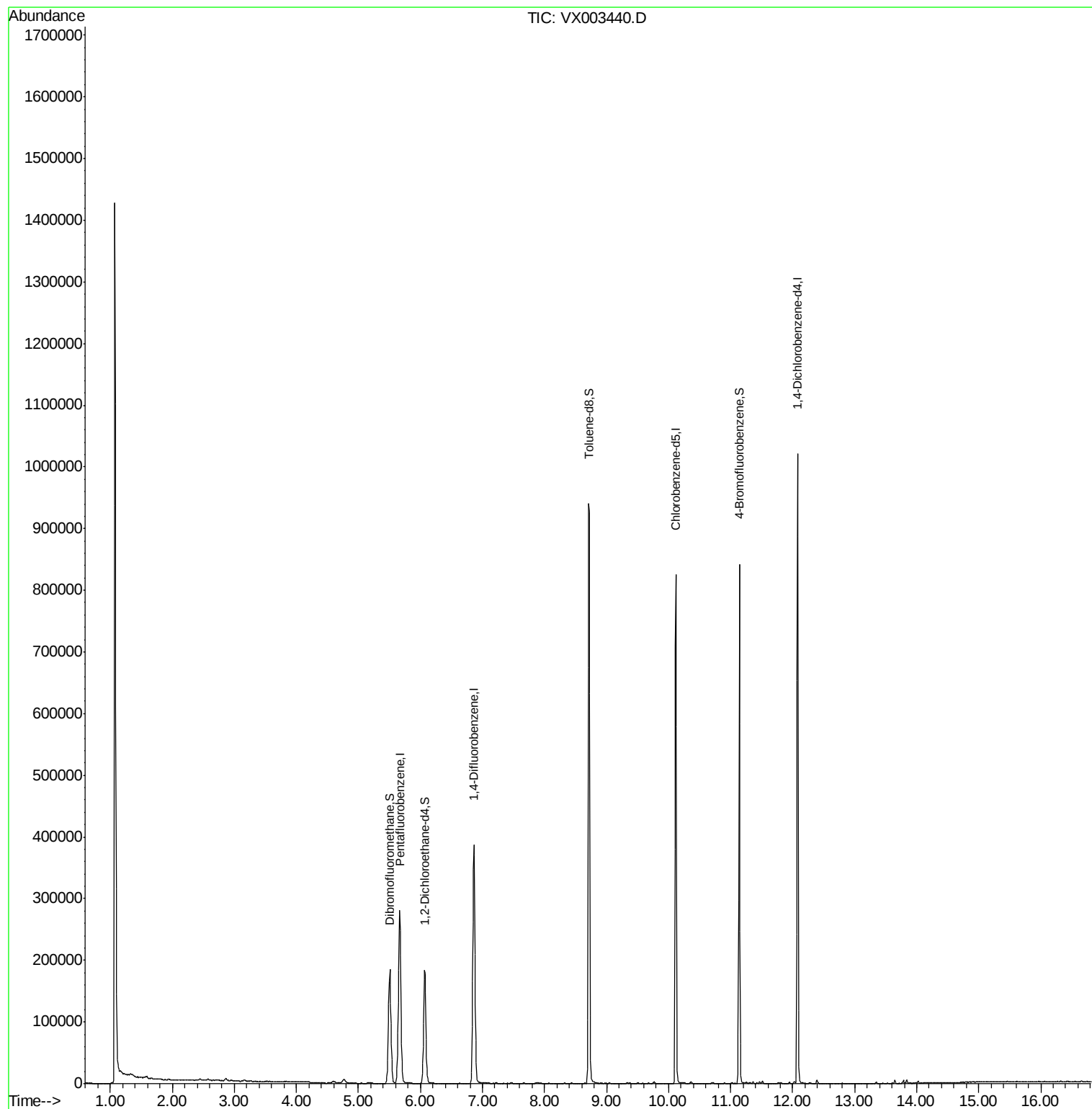
Target Compounds	Qvalue

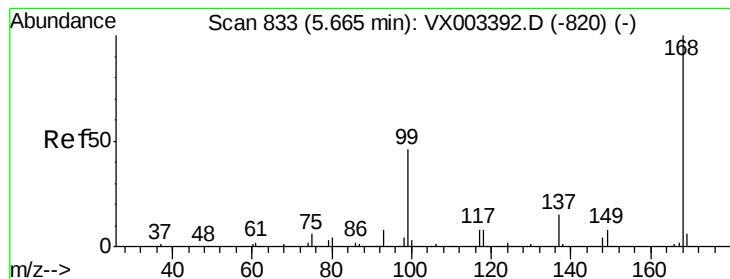
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003440.D

Acq: 18 Jul 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

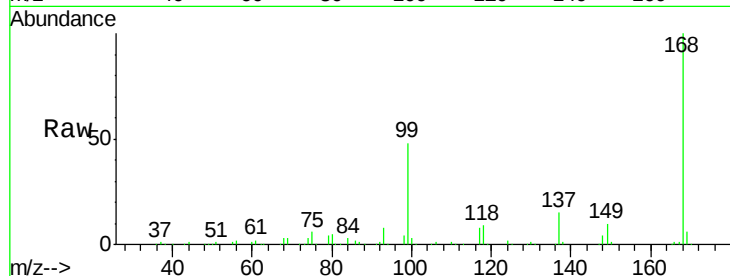
VX0718WBL01

Tot Ion:168 Resp: 288434

Ion Ratio Lower Upper

168 100

99 48.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

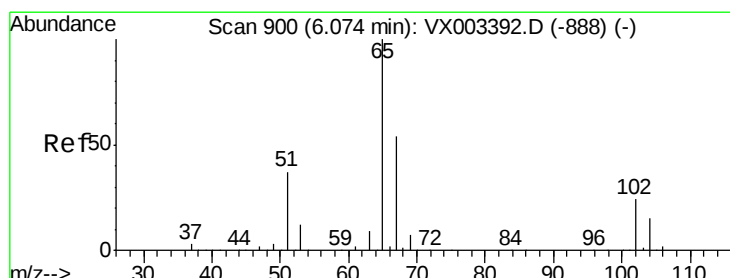
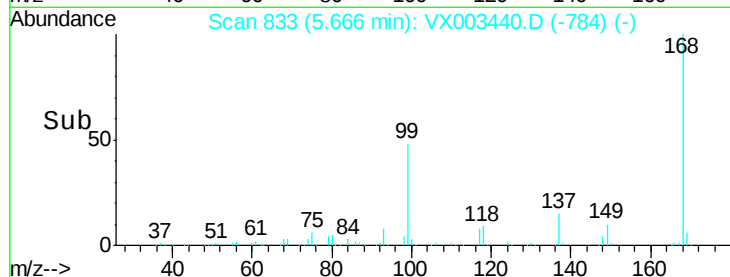
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 45.69 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003440.D

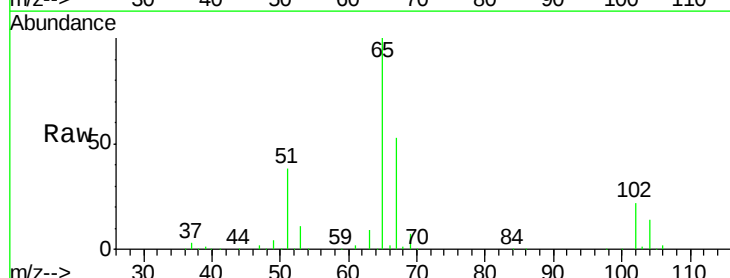
Acq: 18 Jul 2018 11:54

Tgt Ion: 65 Resp: 172592

Ion Ratio Lower Upper

65 100

67 53.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

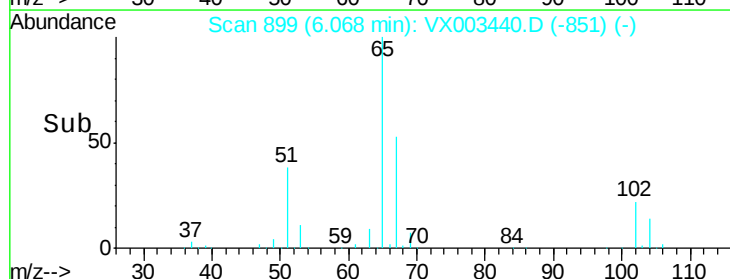
60000

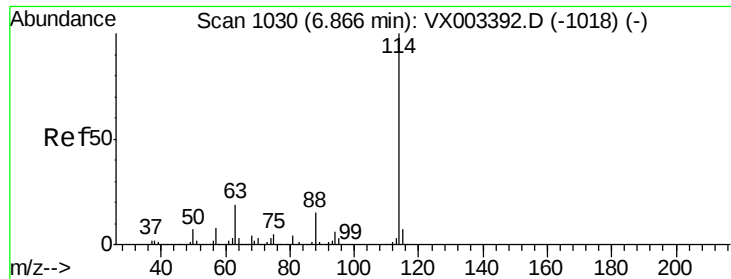
40000

20000

0

Time--> 6.00 6.10 6.20

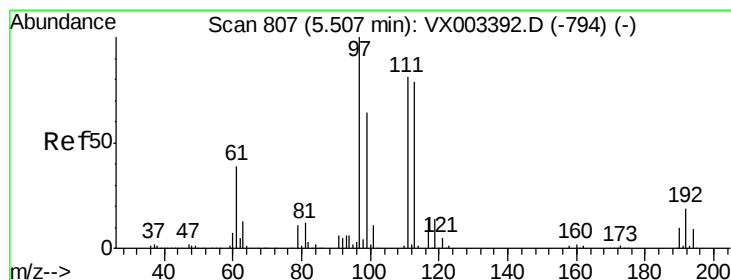
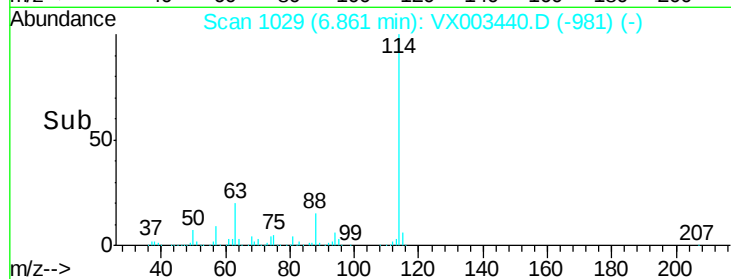
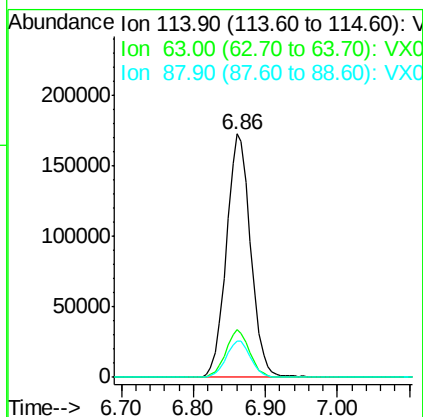
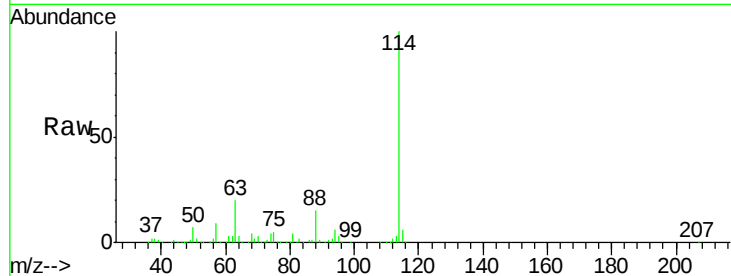




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003440.D
 Acq: 18 Jul 2018 11:54

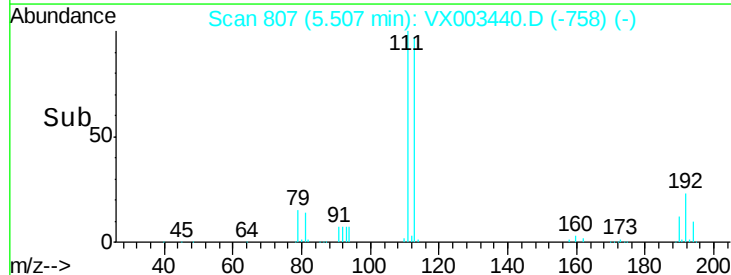
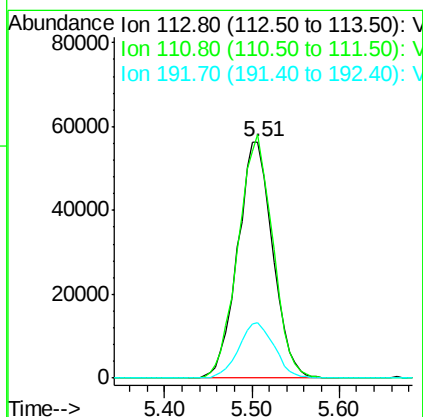
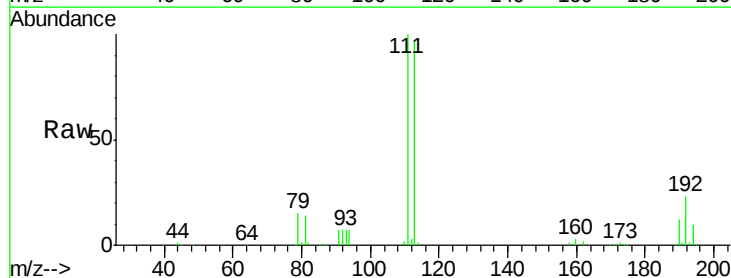
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718WBL01

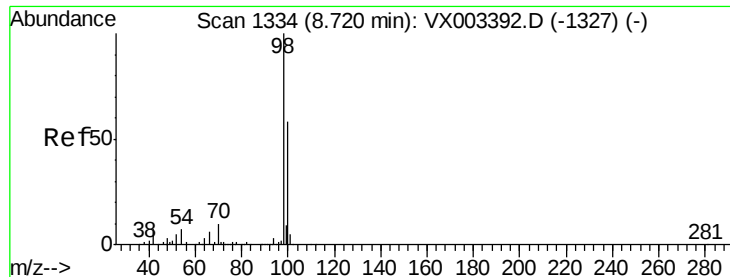
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	41.4
88	15.1	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 48.12 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003440.D
 Acq: 18 Jul 2018 11:54

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.4	122.0
192	23.8	19.1	28.7





#50

Toluene-d8

Concen: 48.75 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX003440.D

Acq: 18 Jul 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

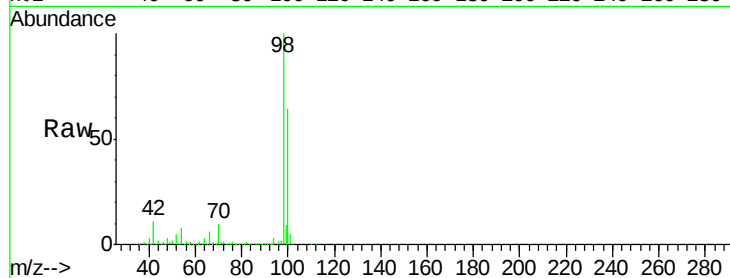
VX0718WBL01

Tot Ion: 98 Resp: 588840

Ion Ratio Lower Upper

98 100

100 64.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

400000

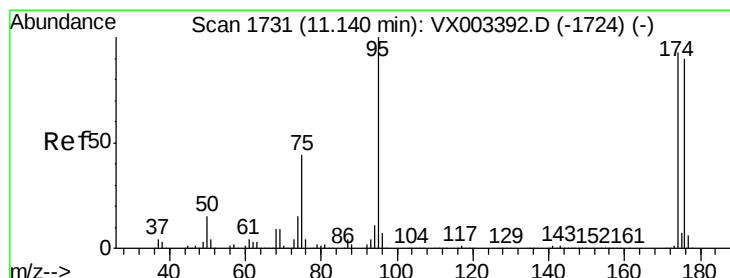
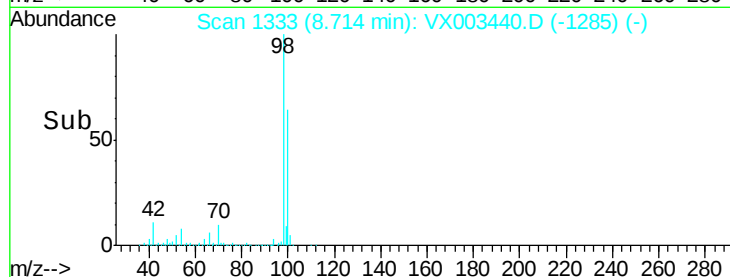
300000

200000

100000

0

Time--> 8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 47.83 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003440.D

Acq: 18 Jul 2018 11:54

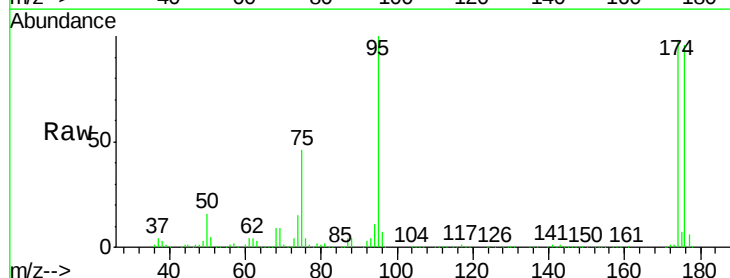
Tgt Ion: 95 Resp: 206249

Ion Ratio Lower Upper

95 100

174 96.4 0.0 187.4

176 93.1 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

200000

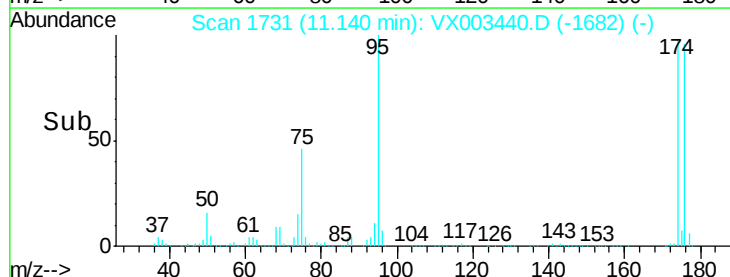
150000

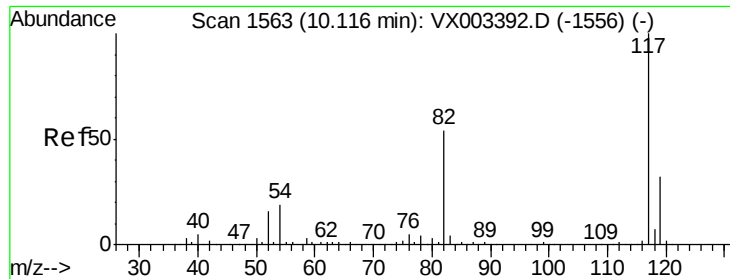
100000

50000

0

Time--> 11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003440.D

Acq: 18 Jul 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

VX0718WBL01

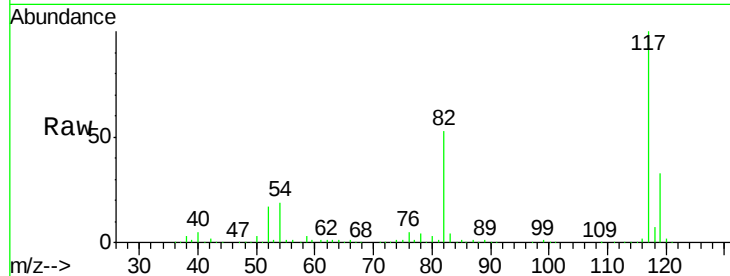
Tot Ion:117 Resp: 384466

Ion Ratio Lower Upper

117 100

82 52.7 45.0 67.4

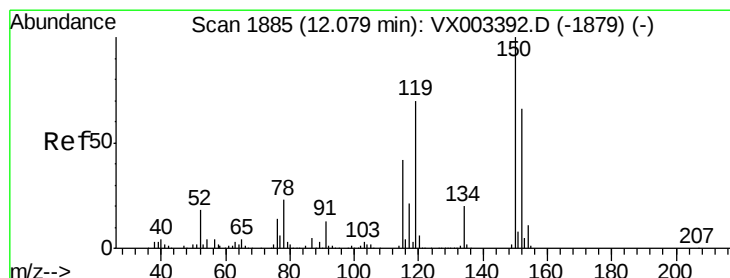
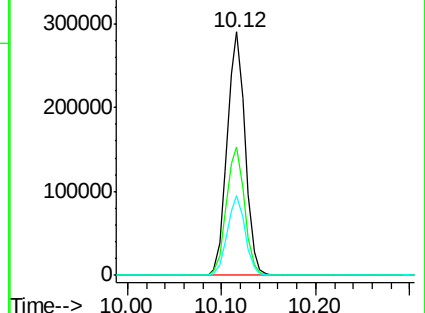
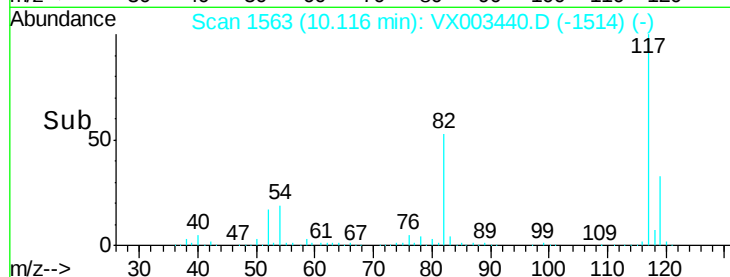
119 32.6 25.8 38.6



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: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003440.D

Acq: 18 Jul 2018 11:54

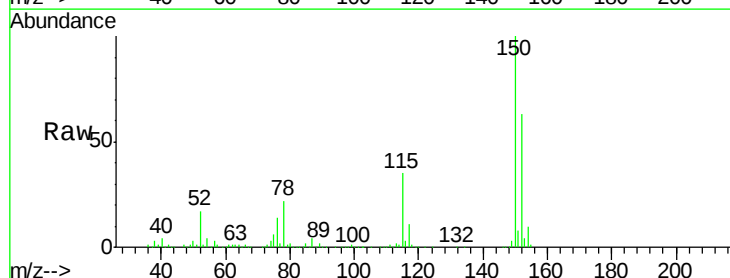
Tgt Ion:152 Resp: 222021

Ion Ratio Lower Upper

152 100

115 54.6 40.1 120.2

150 158.0 0.0 347.2



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

