

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091818\
 Data File : VX004678.D
 Acq On : 19 Sep 2018 01:10
 Operator : JC/MD
 Sample : J4938-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANKS

Quant Time: Sep 19 12:52:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	246853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	341367	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192010	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	153980	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	
35) Dibromofluoromethane	5.50	113	142584	45.64	ug/l	0.00
Spiked Amount			Recovery	=	91.28%	
50) Toluene-d8	8.71	98	462555	44.15	ug/l	0.00
Spiked Amount			Recovery	=	88.30%	
62) 4-Bromofluorobenzene	11.14	95	161995	43.32	ug/l	0.00
Spiked Amount			Recovery	=	86.64%	

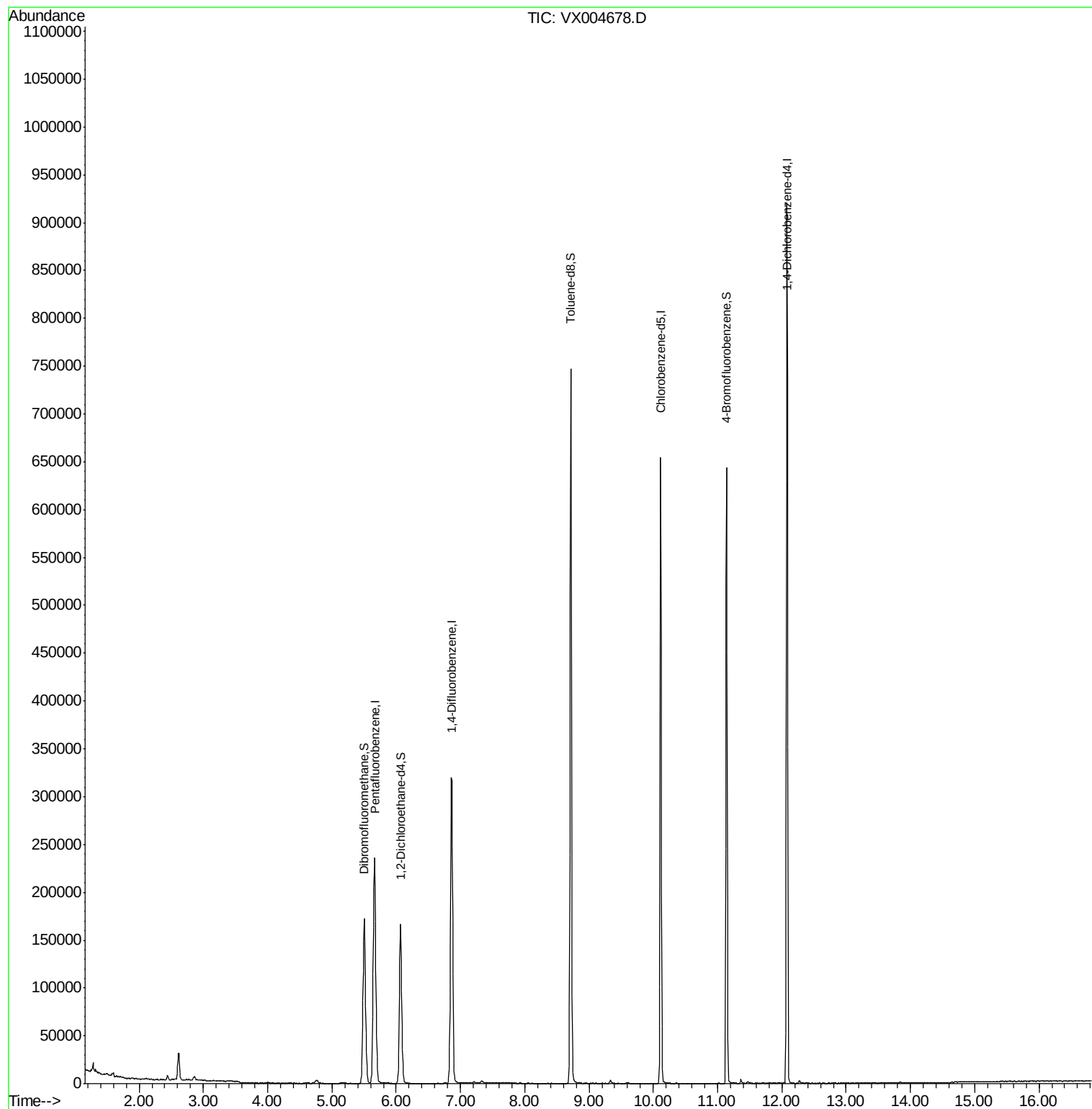
Target Compounds	Qvalue
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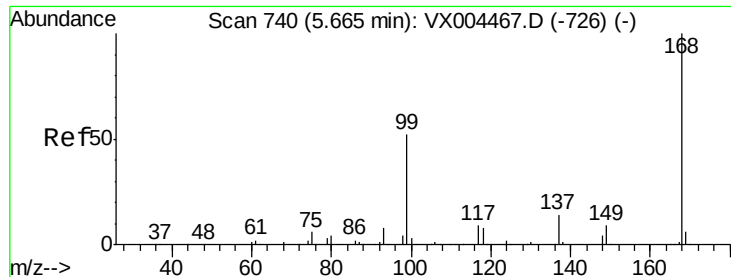
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX004678.D

Acq: 19 Sep 2018 01:10

Instrument :

MSVOA_X

ClientSampleId :

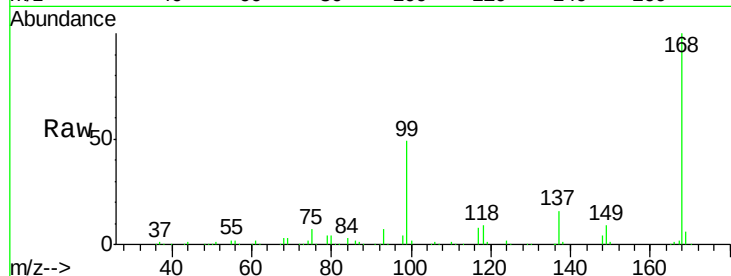
TRIP-BLANKS

Tot Ion:168 Resp: 246853

Ion Ratio Lower Upper

168 100

99 48.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

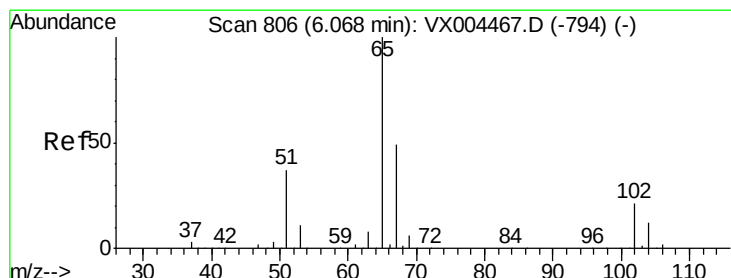
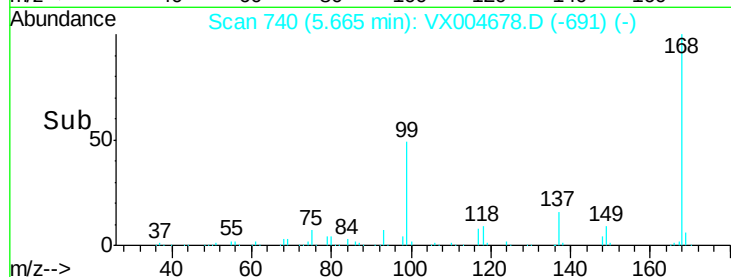
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.38 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004678.D

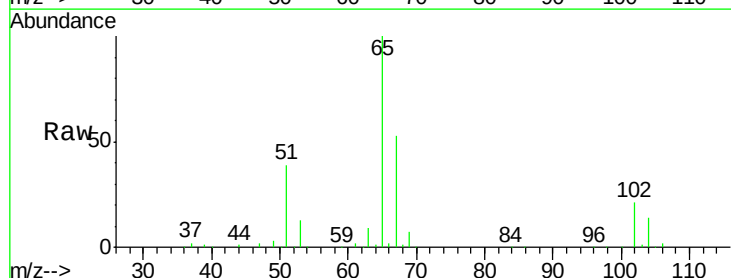
Acq: 19 Sep 2018 01:10

Tgt Ion: 65 Resp: 153980

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

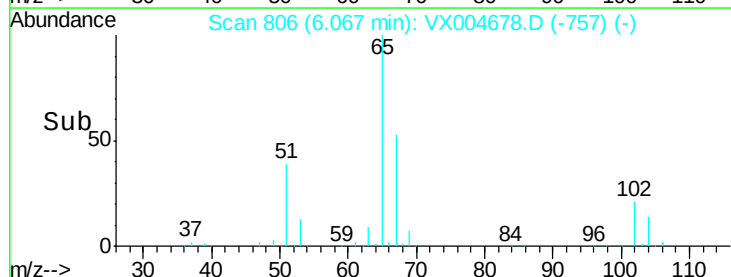
60000

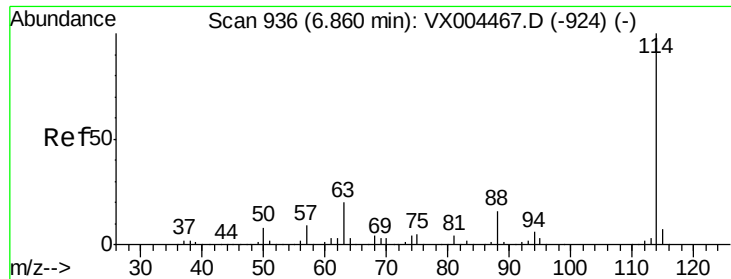
40000

20000

0

Time--> 5.90 6.00 6.10 6.20

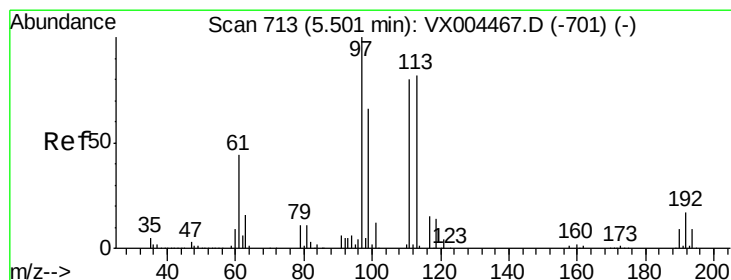
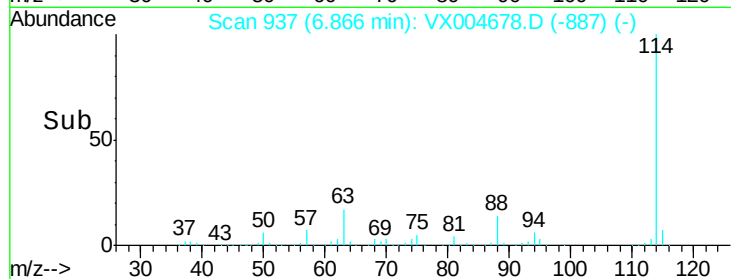
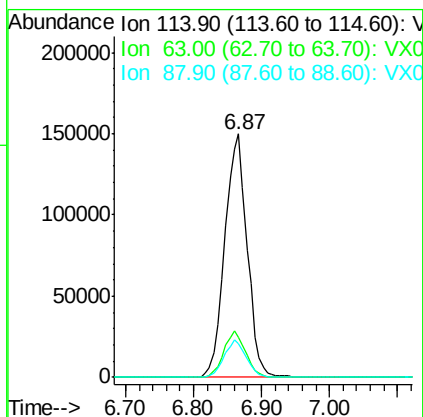
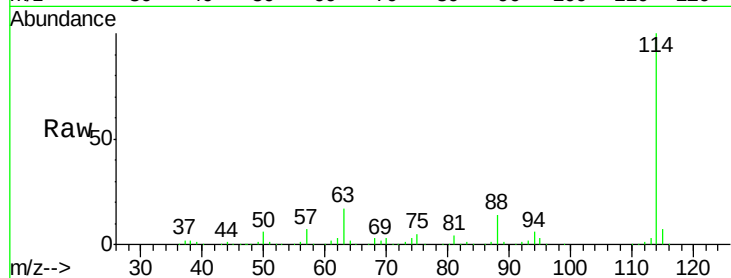




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004678.D
 Acq: 19 Sep 2018 01:10

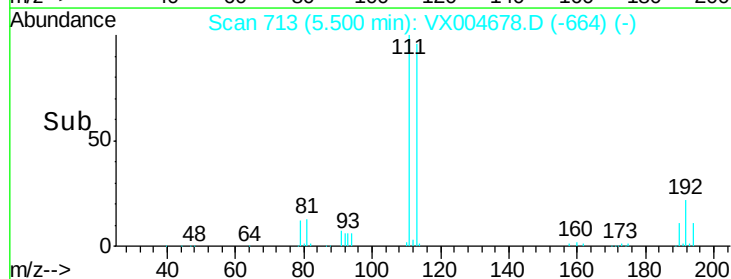
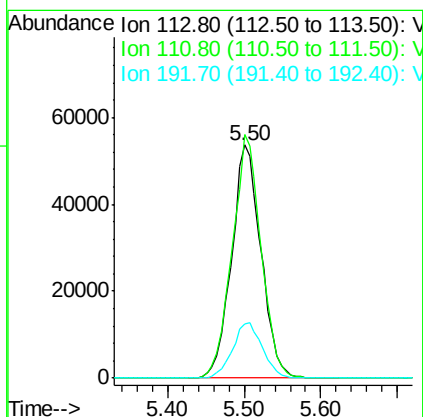
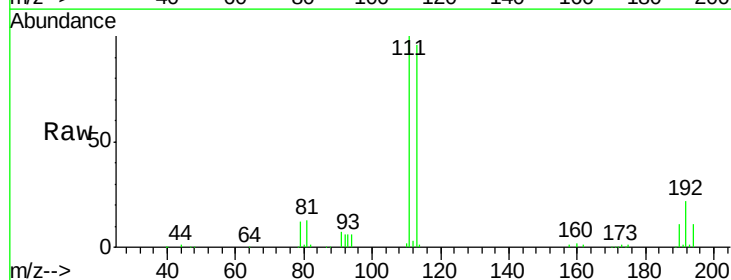
Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANKS

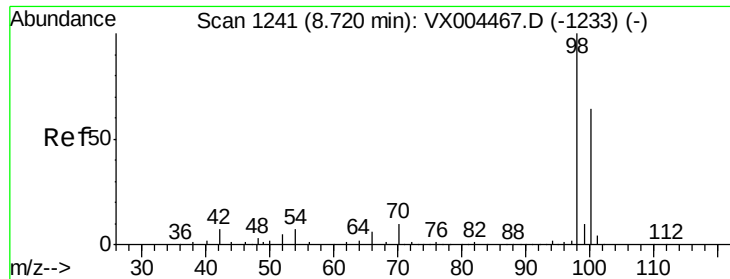
Tot Ion:114 Resp: 341367
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 39.0
 88 14.1 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 45.64 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004678.D
 Acq: 19 Sep 2018 01:10

Tgt Ion:113 Resp: 142584
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.4 123.6
 192 24.1 19.4 29.2





#50

Toluene-d8

Concen: 44.15 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004678.D

Acq: 19 Sep 2018 01:10

Instrument :

MSVOA_X

ClientSampleId :

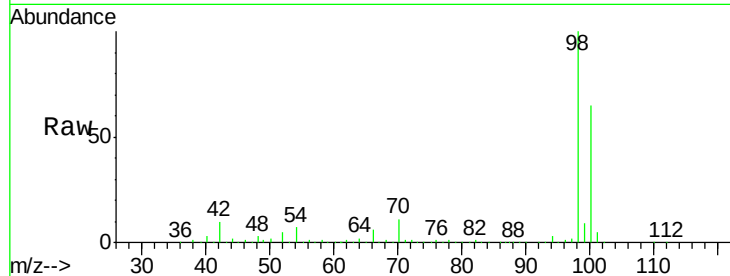
TRIP-BLANKS

Tot Ion: 98 Resp: 462555

Ion Ratio Lower Upper

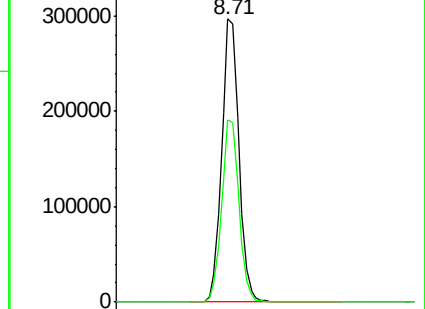
98 100

100 64.3 52.9 79.3

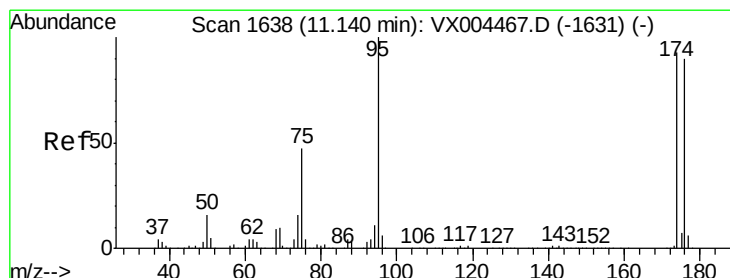
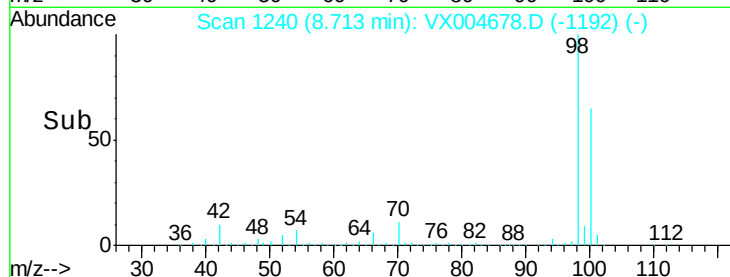


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



Time-->



#62

4-Bromofluorobenzene

Concen: 43.32 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004678.D

Acq: 19 Sep 2018 01:10

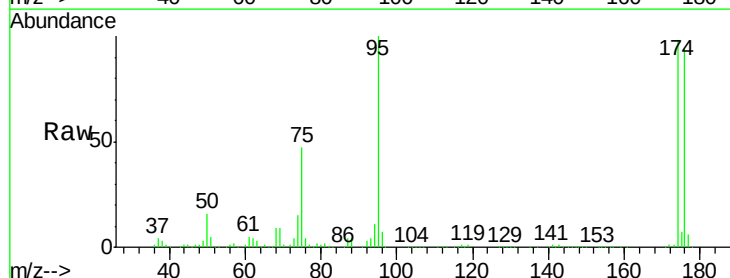
Tgt Ion: 95 Resp: 161995

Ion Ratio Lower Upper

95 100

174 95.8 0.0 185.2

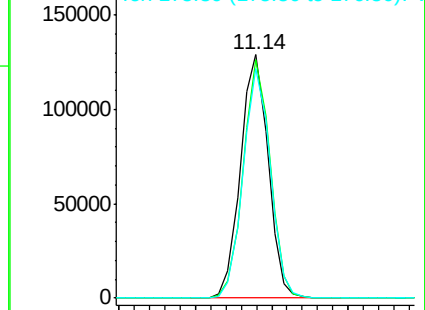
176 93.1 0.0 178.6



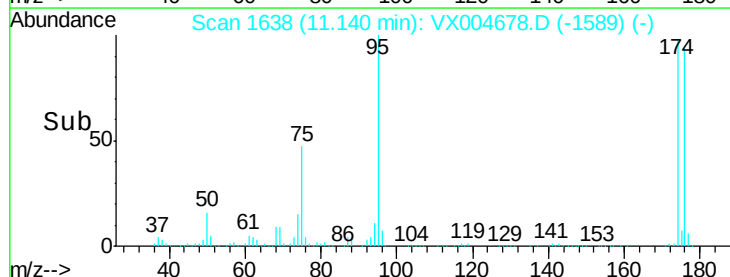
Abundance Ion 94.90 (94.60 to 95.60): VX0

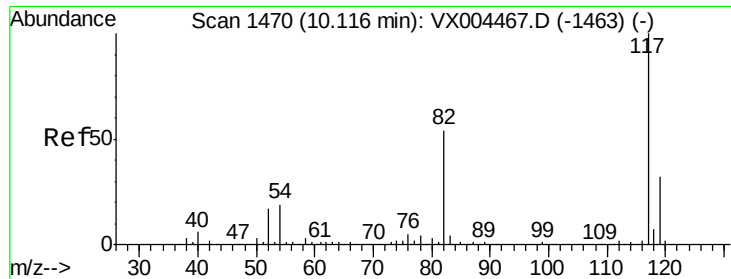
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

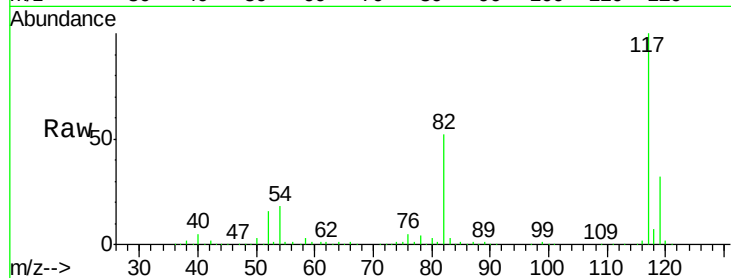




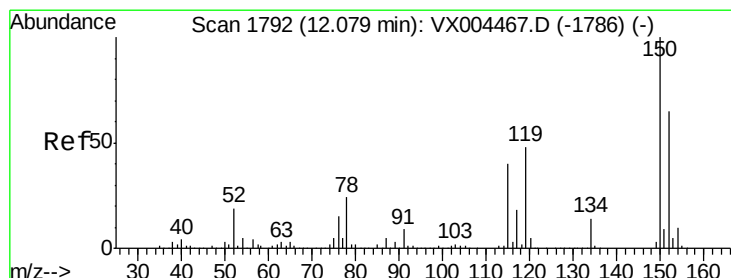
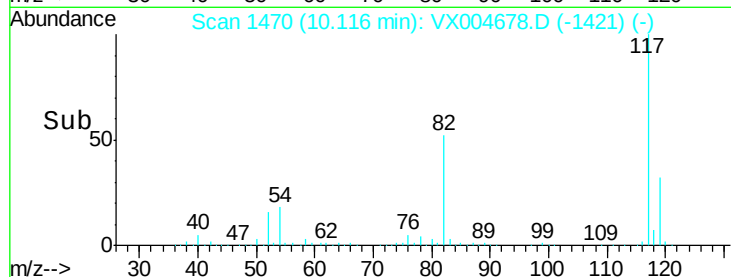
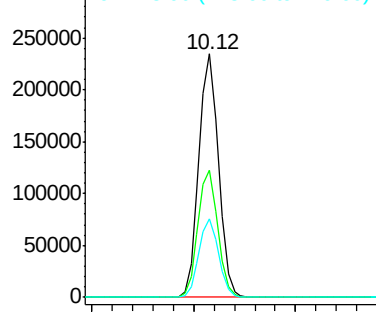
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004678.D
Acq: 19 Sep 2018 01:10

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANKS

Tot Ion:117 Resp: 312744
Ion Ratio Lower Upper
117 100
82 52.2 47.8 71.6
119 32.5 29.3 43.9

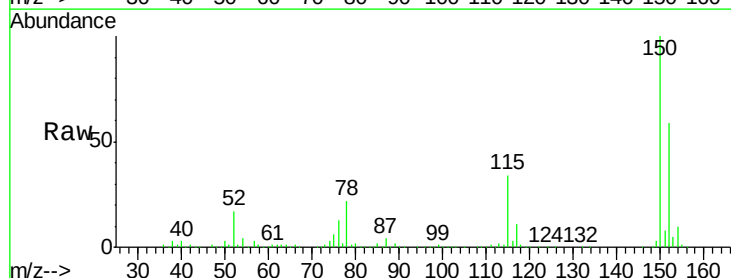


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004678.D
Acq: 19 Sep 2018 01:10

Tgt Ion:152 Resp: 192010
Ion Ratio Lower Upper
152 100
115 56.3 39.0 117.0
150 166.6 0.0 351.0



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

