

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
 Data File : VX003166.D
 Acq On : 05 Jul 2018 12:25
 Operator : JC/MD
 Sample : VX0705WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBL01

Quant Time: Jul 05 17:12:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	276519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	362753	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	337416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194320	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	168477	44.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.16%	
35) Dibromofluoromethane	5.51	113	144662	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
50) Toluene-d8	8.72	98	504414	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
62) 4-Bromofluorobenzene	11.14	95	178866	44.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.42%	

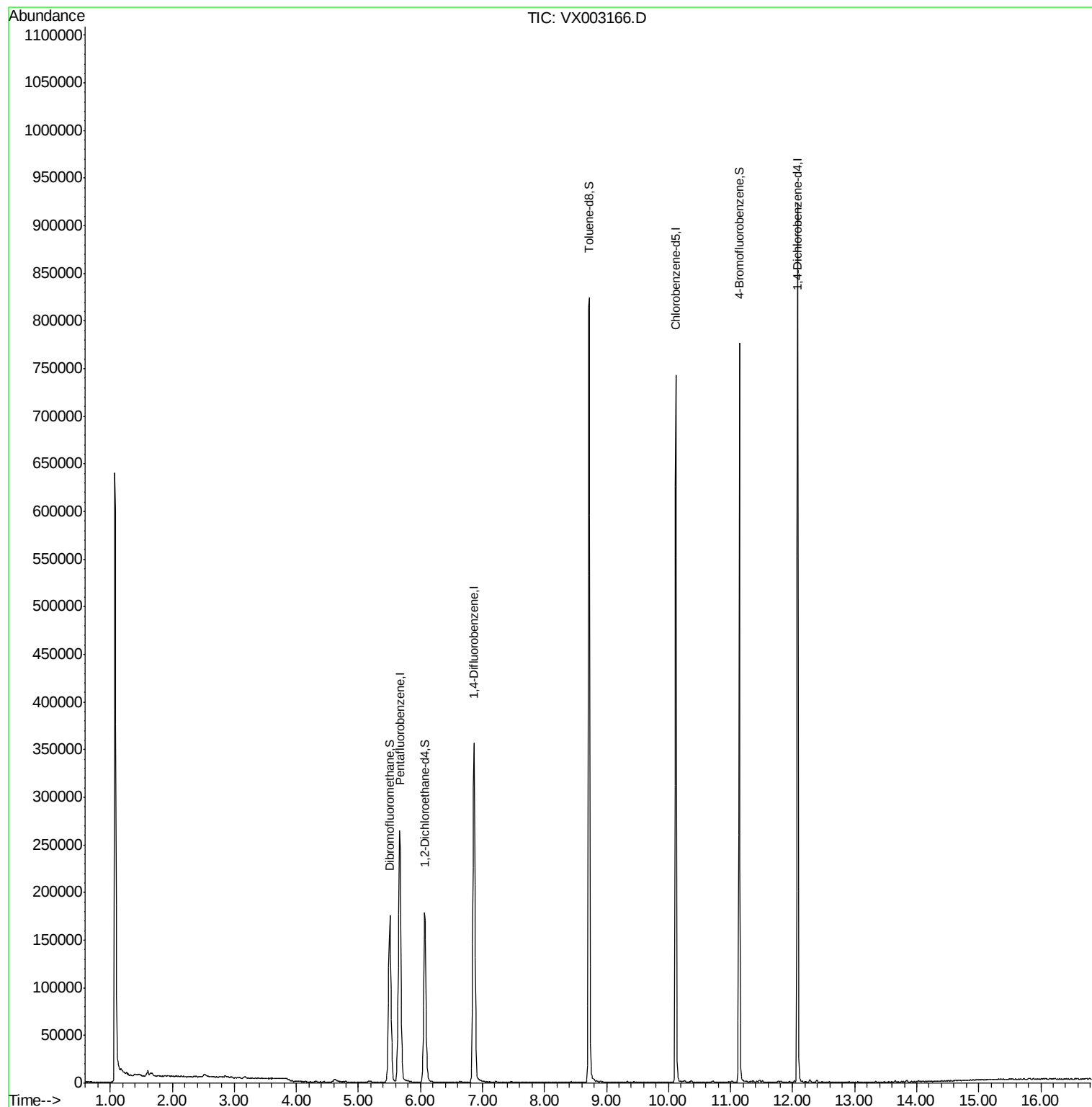
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX003166.D

Acq: 05 Jul 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

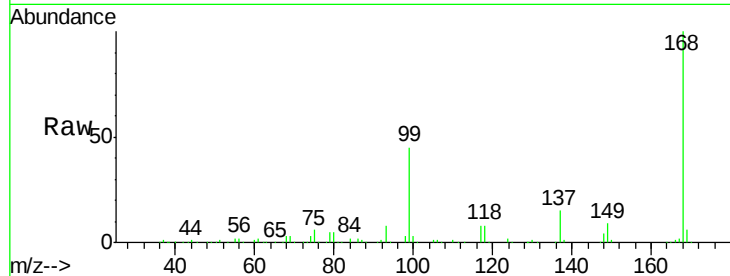
VX0705WBL01

Tot Ion:168 Resp: 276519

Ion Ratio Lower Upper

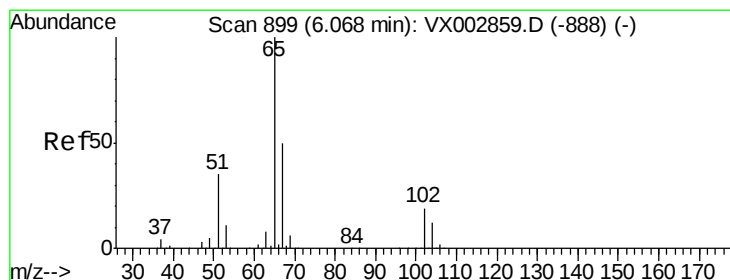
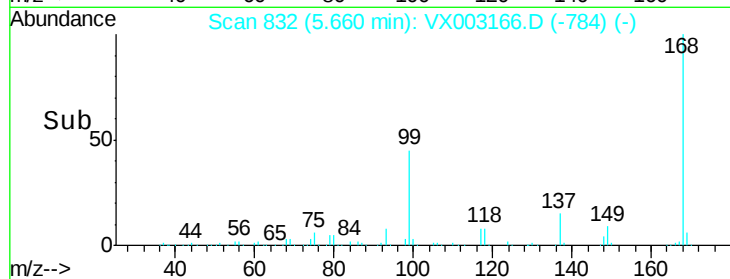
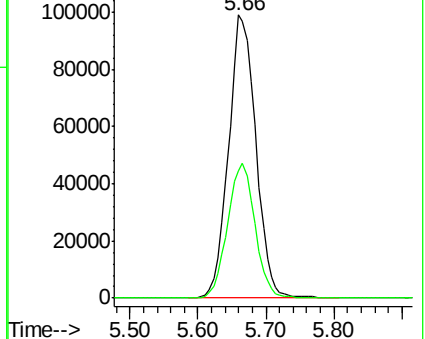
168 100

99 44.8 39.3 58.9



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: 44.08 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003166.D

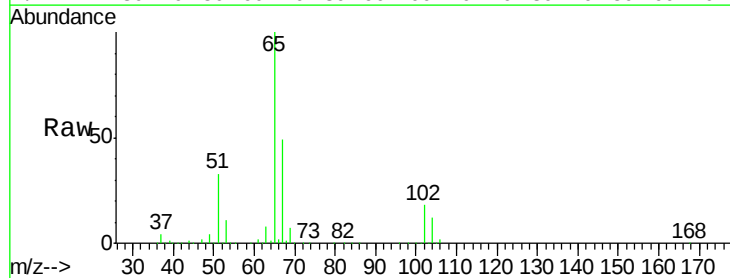
Acq: 05 Jul 2018 12:25

Tgt Ion: 65 Resp: 168477

Ion Ratio Lower Upper

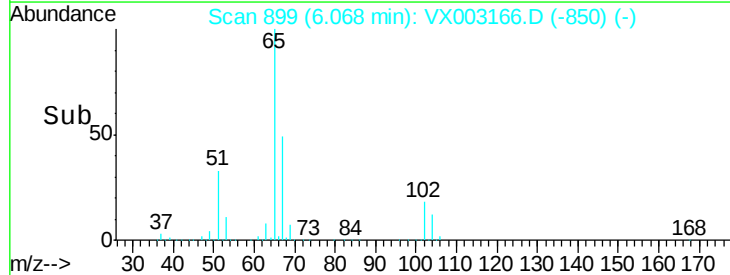
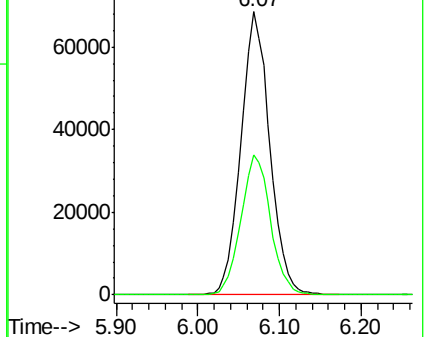
65 100

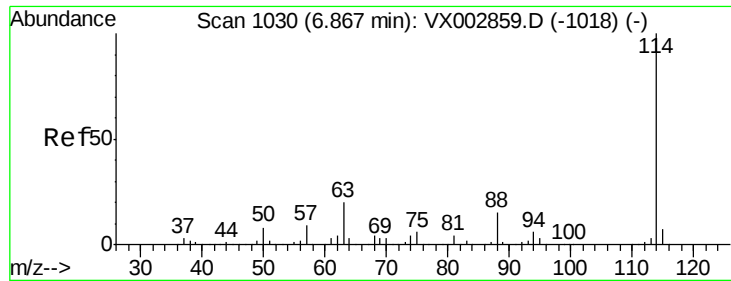
67 50.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

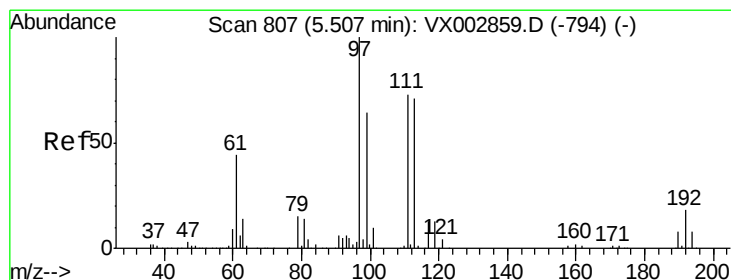
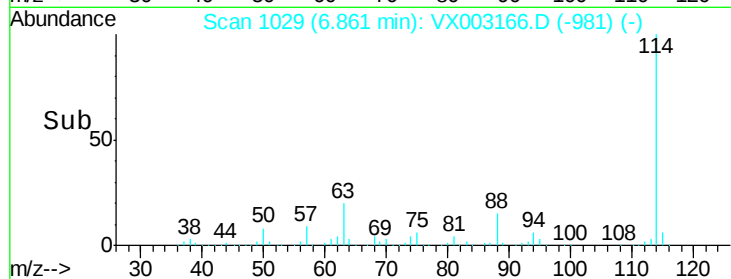
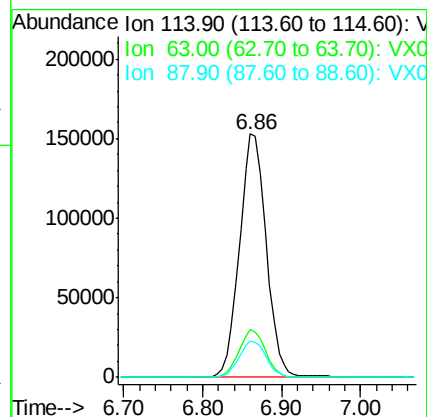
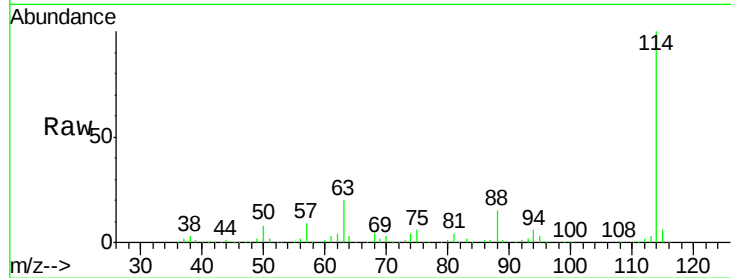




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003166.D
 Acq: 05 Jul 2018 12:25

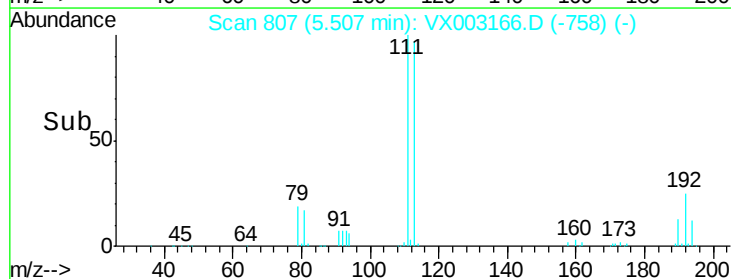
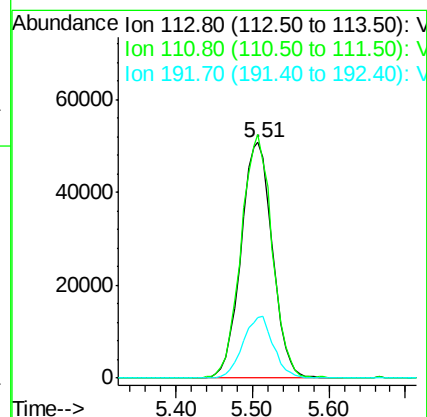
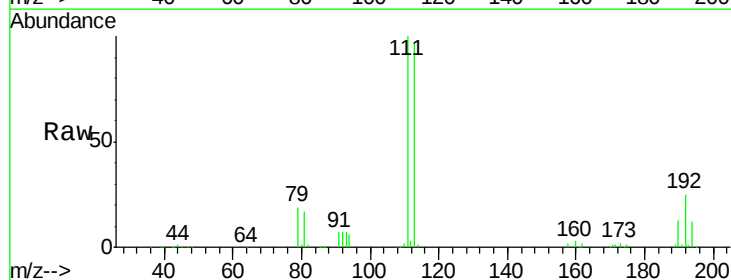
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBL01

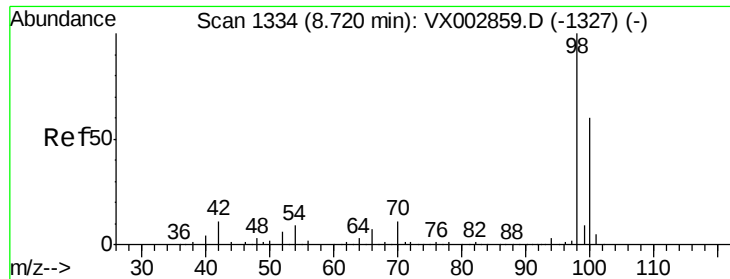
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	41.4
88	15.2	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 50.36 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003166.D
 Acq: 05 Jul 2018 12:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.4	122.0
192	25.3	19.1	28.7





#50

Toluene-d8

Concen: 48.08 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003166.D

Acq: 05 Jul 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

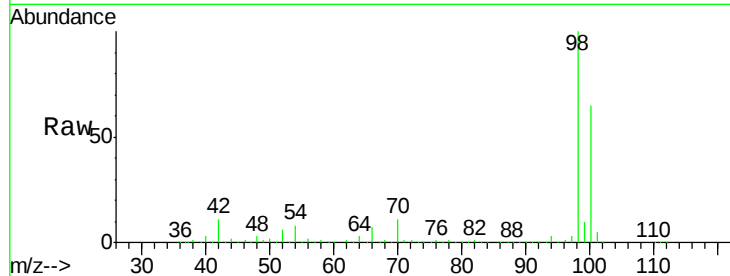
VX0705WBL01

Tot Ion: 98 Resp: 504414

Ion Ratio Lower Upper

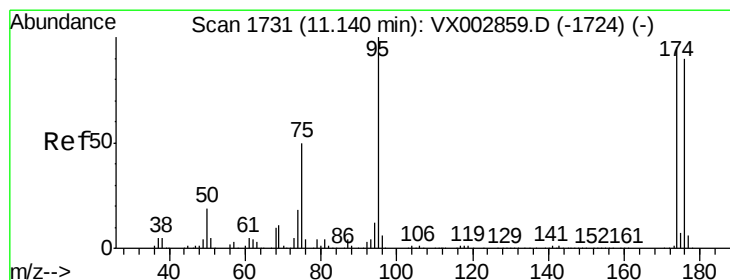
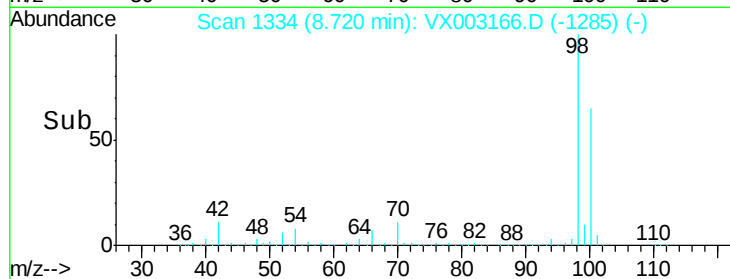
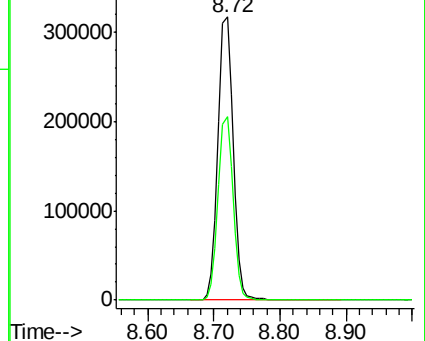
98 100

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



#62

4-Bromofluorobenzene

Concen: 44.21 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003166.D

Acq: 05 Jul 2018 12:25

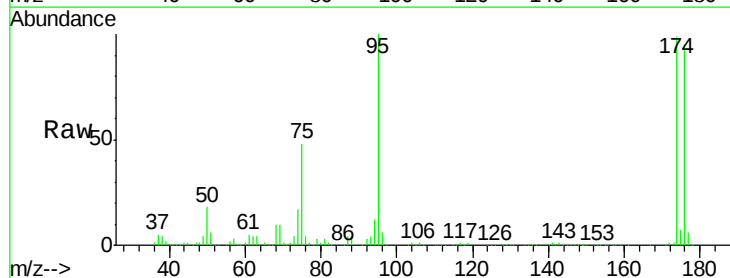
Tgt Ion: 95 Resp: 178866

Ion Ratio Lower Upper

95 100

174 99.2 0.0 187.4

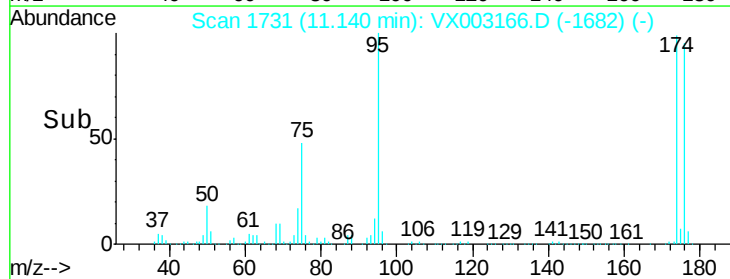
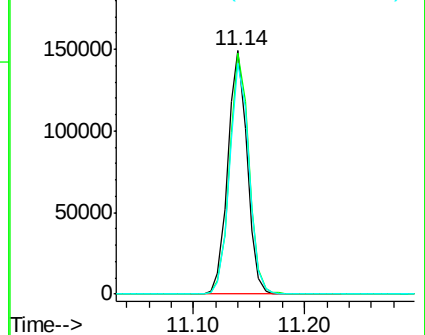
176 95.9 0.0 181.0

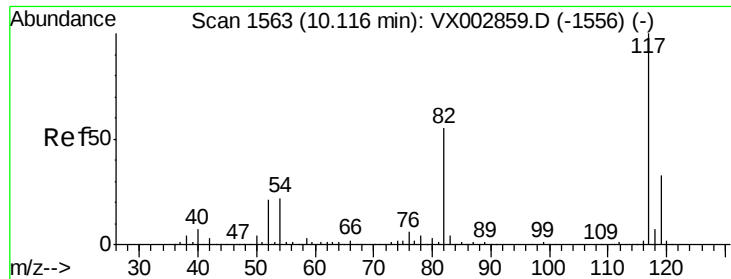


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003166.D

Acq: 05 Jul 2018 12:25

Instrument :

MSVOA_X

ClientSampleId :

VX0705WBL01

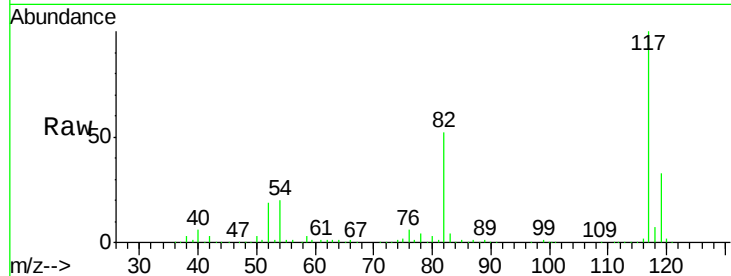
Tot Ion:117 Resp: 337416

Ion Ratio Lower Upper

117 100

82 52.5 45.0 67.4

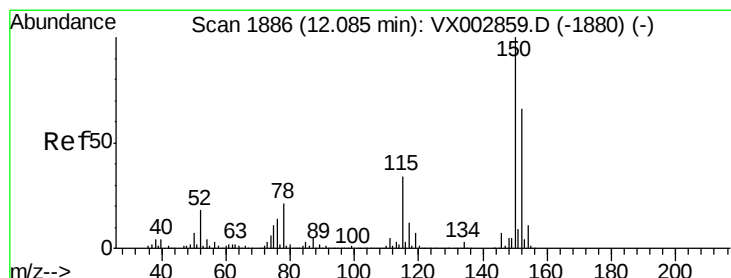
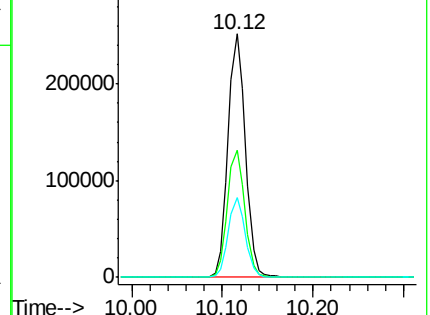
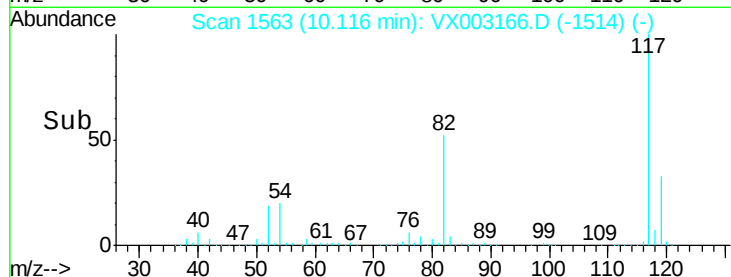
119 33.0 25.8 38.6



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. -0.01 min

Lab File: VX003166.D

Acq: 05 Jul 2018 12:25

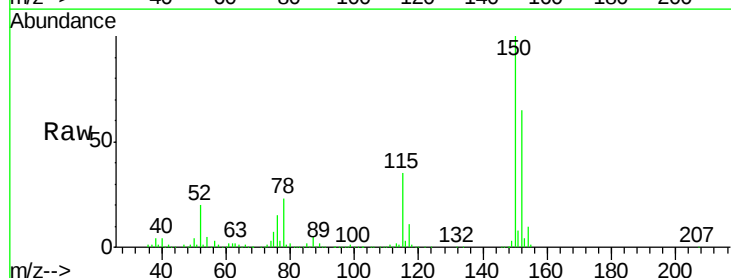
Tgt Ion:152 Resp: 194320

Ion Ratio Lower Upper

152 100

115 53.0 40.1 120.2

150 155.6 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

