

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002962.D
 Acq On : 28 Jun 2018 03:32
 Operator : JC/MD
 Sample : J3718-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-1A

Quant Time: Jun 28 15:32:50 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

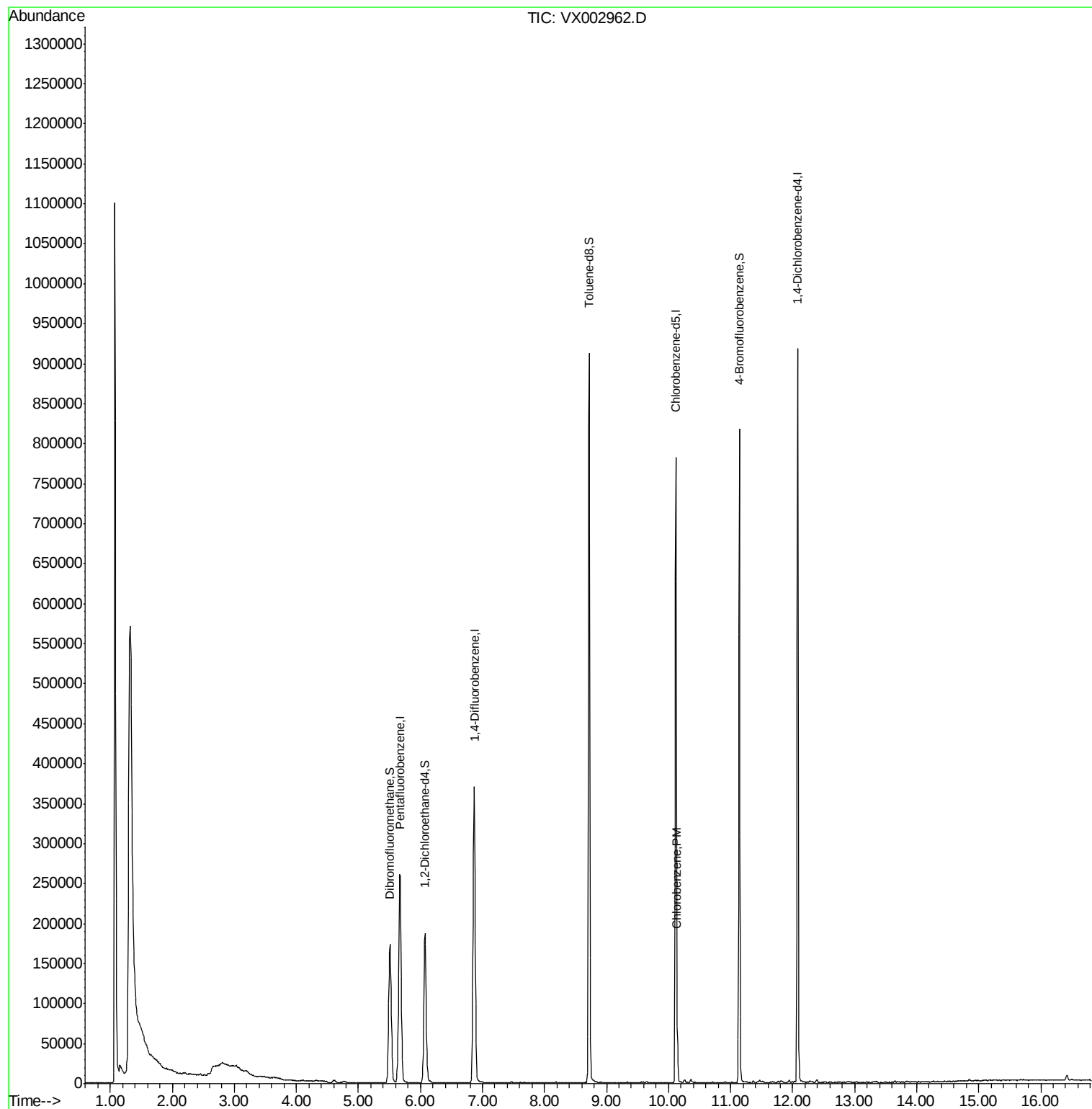
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	264678	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	372239	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	348124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	199670	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	179888	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
35) Dibromofluoromethane	5.51	113	145472	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
50) Toluene-d8	8.72	98	526187	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
62) 4-Bromofluorobenzene	11.14	95	188695	45.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.90%	
Target Compounds						
65) Chlorobenzene	10.14	112	19539	2.21	ug/l	Qvalue 96

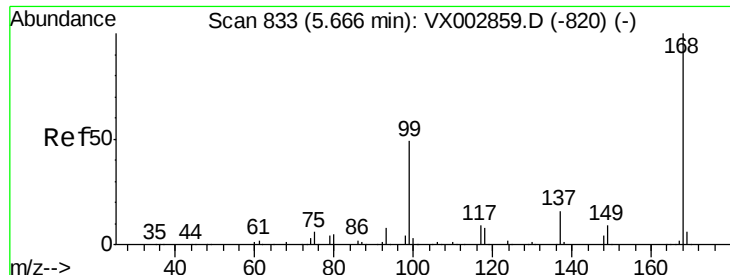
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX002962.D

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Instrument :

MSVOA_X

ClientSampleId :

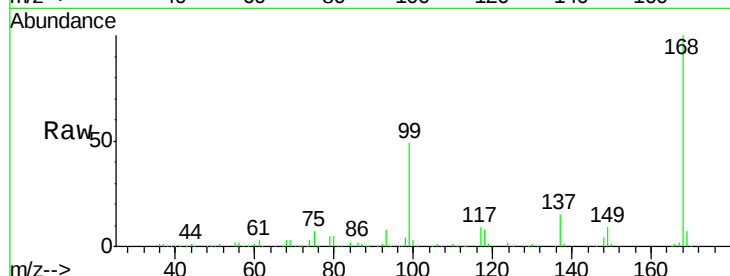
W-1A

Tot Ion:168 Resp: 264678

Ion Ratio Lower Upper

168 100

99 49.1 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

100000

80000

60000

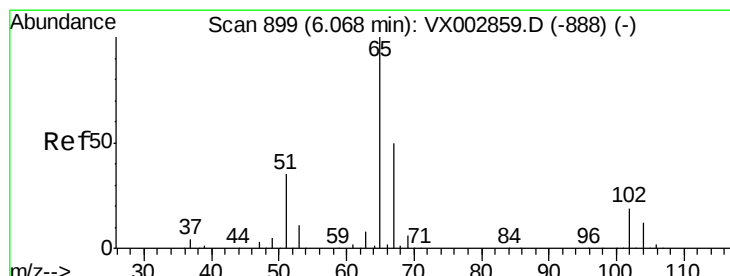
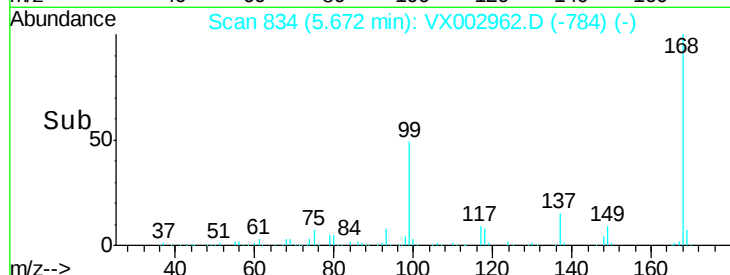
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.17 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002962.D

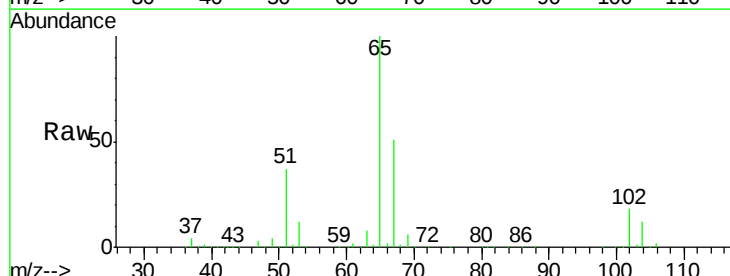
Acq: 28 Jun 2018 03:32

Tgt Ion: 65 Resp: 179888

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

6.07

80000

60000

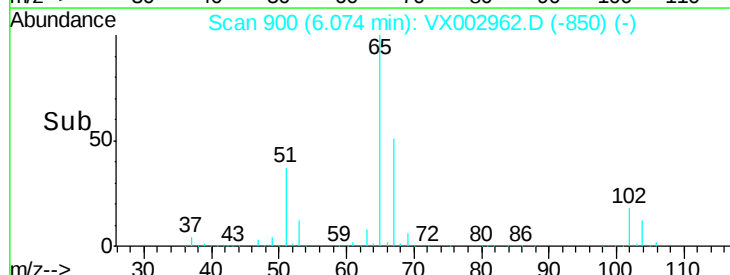
40000

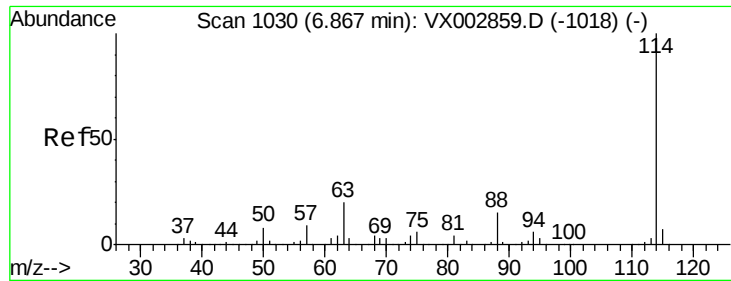
20000

0

Time-->

6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002962.D

Acq: 28 Jun 2018 03:32

Instrument :

MSVOA_X

ClientSampleId :

W-1A

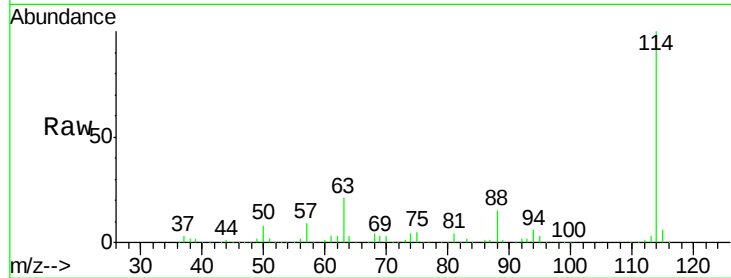
Tot Ion:114 Resp: 372239

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

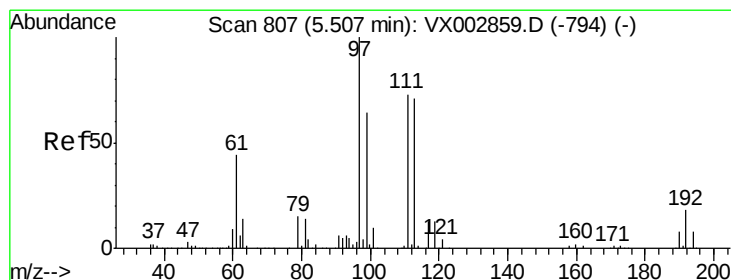
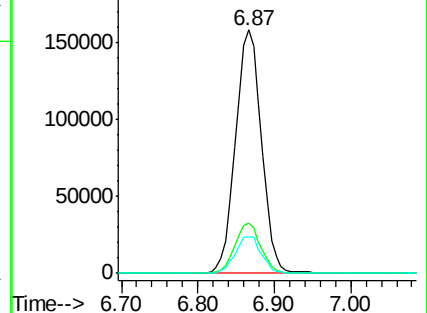
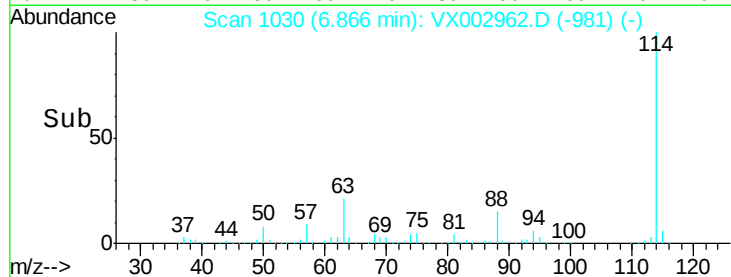
88 15.0 0.0 30.0



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: 49.35 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002962.D

Acq: 28 Jun 2018 03:32

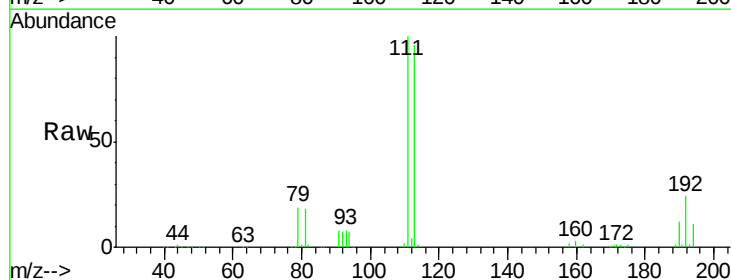
Tgt Ion:113 Resp: 145472

Ion Ratio Lower Upper

113 100

111 101.0 81.4 122.0

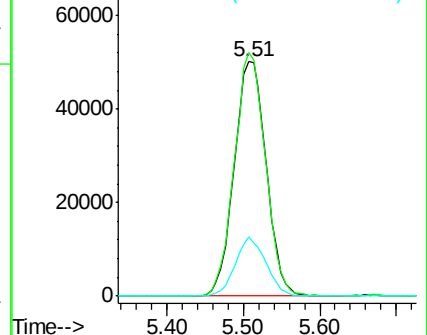
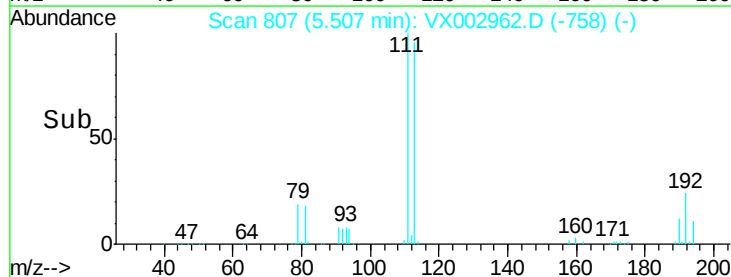
192 24.0 19.1 28.7

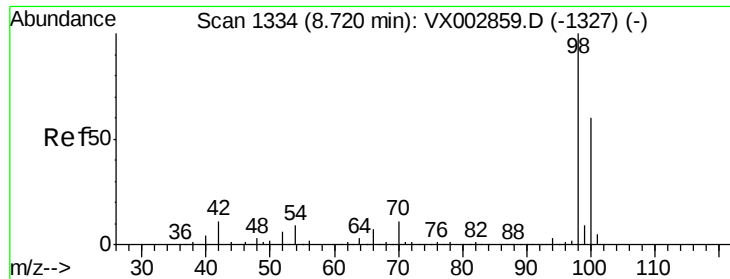


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.88 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002962.D

Acq: 28 Jun 2018 03:32

Instrument :

MSVOA_X

ClientSampleId :

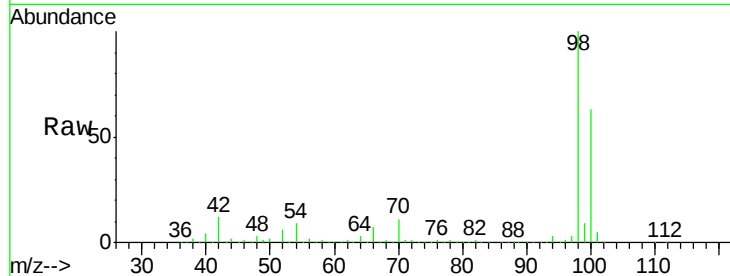
W-1A

Tot Ion: 98 Resp: 526187

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX002859.D (-1327) (-)

Ion 100.00 (99.70 to 100.70): VX002859.D (-1327) (-)

8.72

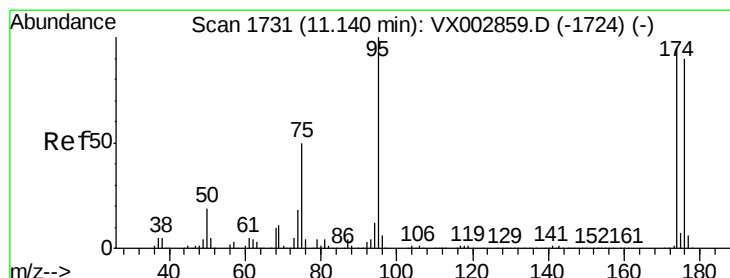
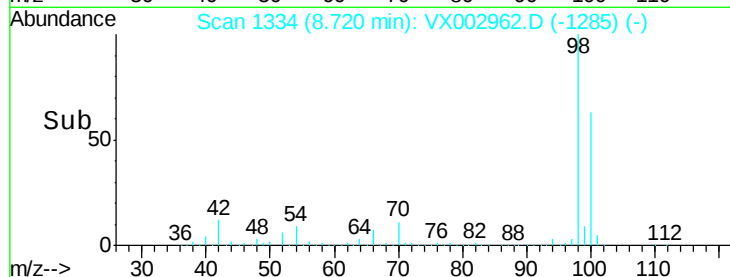
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.45 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002962.D

Acq: 28 Jun 2018 03:32

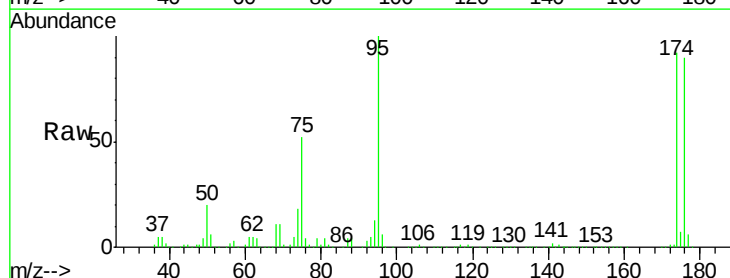
Tgt Ion: 95 Resp: 188695

Ion Ratio Lower Upper

95 100

174 96.5 0.0 187.4

176 93.3 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX002859.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX002859.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX002859.D (-1724) (-)

11.14

200000

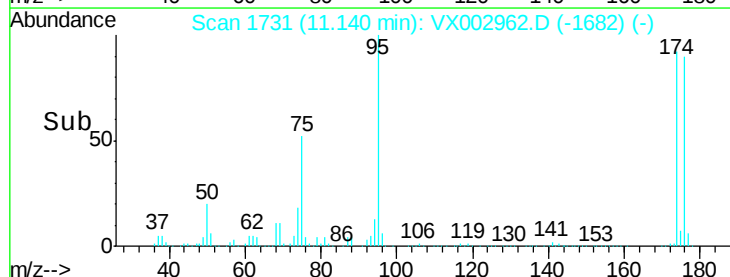
150000

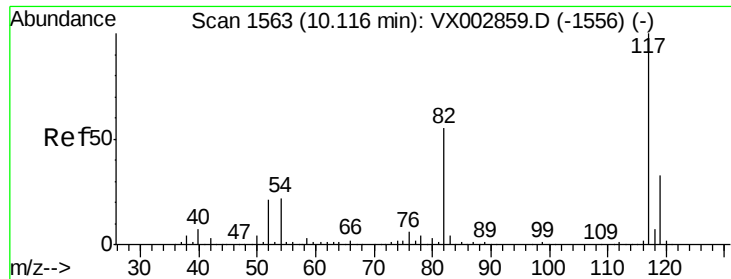
100000

50000

0

Time-->

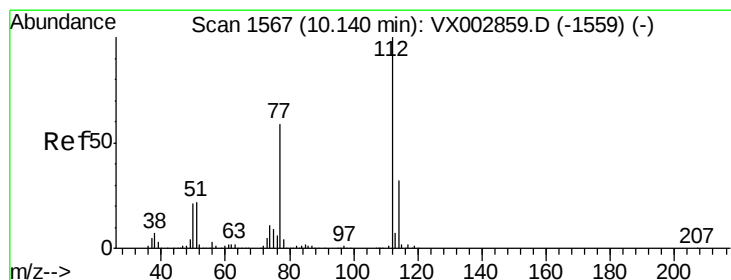
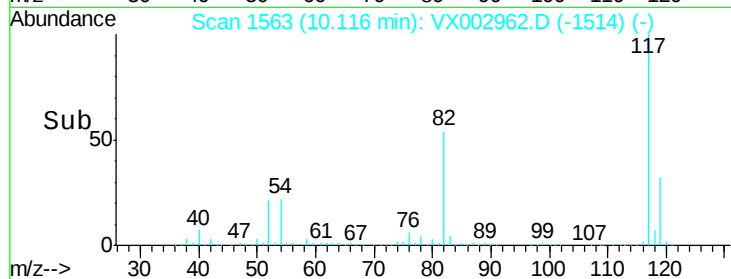
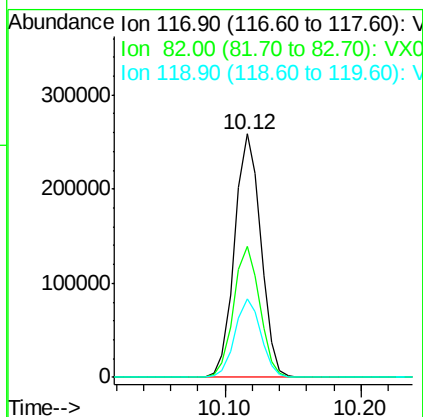
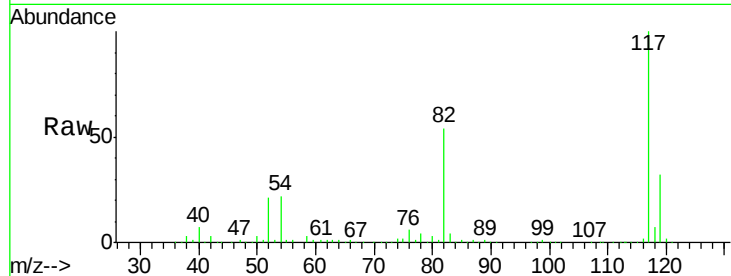




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002962.D
Acq: 28 Jun 2018 03:32

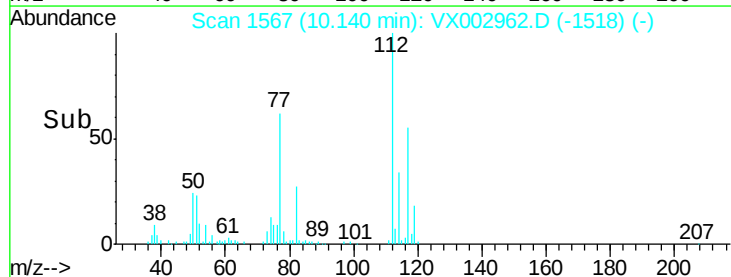
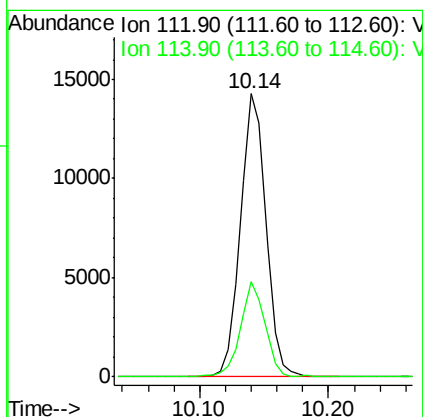
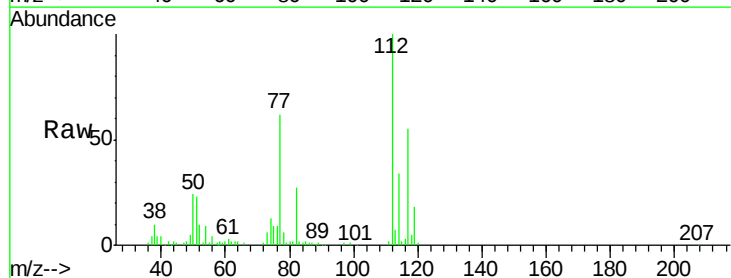
Instrument :
MSVOA_X
ClientSampleId :
W-1A

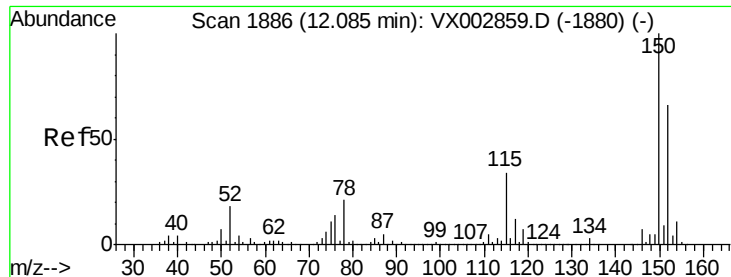
Tot Ion:117 Resp: 348124
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.4
119 32.1 25.8 38.6



#65
Chlorobenzene
Concen: 2.21 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002962.D
Acq: 28 Jun 2018 03:32

Tgt Ion:112 Resp: 19539
Ion Ratio Lower Upper
112 100
114 33.6 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002962.D

Acq: 28 Jun 2018 03:32

Instrument :

MSVOA_X

ClientSampleId :

W-1A

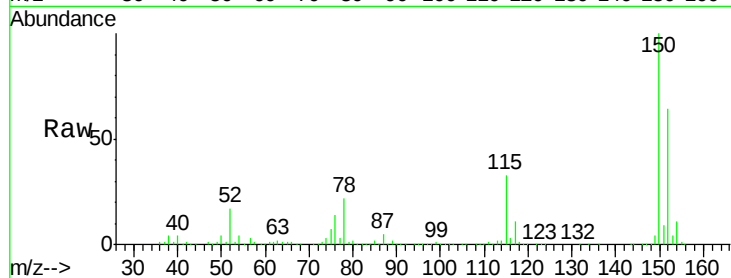
Tot Ion:152 Resp: 199670

Ion Ratio Lower Upper

152 100

115 53.6 40.1 120.2

150 156.8 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

