

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040818\
 Data File : VX000736.D
 Acq On : 08 Apr 2018 17:21
 Operator : JC/MD
 Sample : J2216-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-EQUIP-BLANK

Quant Time: Apr 09 07:55:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 17:01:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	320747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	449506	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	420249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	243368	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	163932	44.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.38%	
35) Dibromofluoromethane	5.51	113	138653	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
50) Toluene-d8	8.72	98	517577	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.00%	
62) 4-Bromofluorobenzene	11.14	95	210656	46.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.12%	

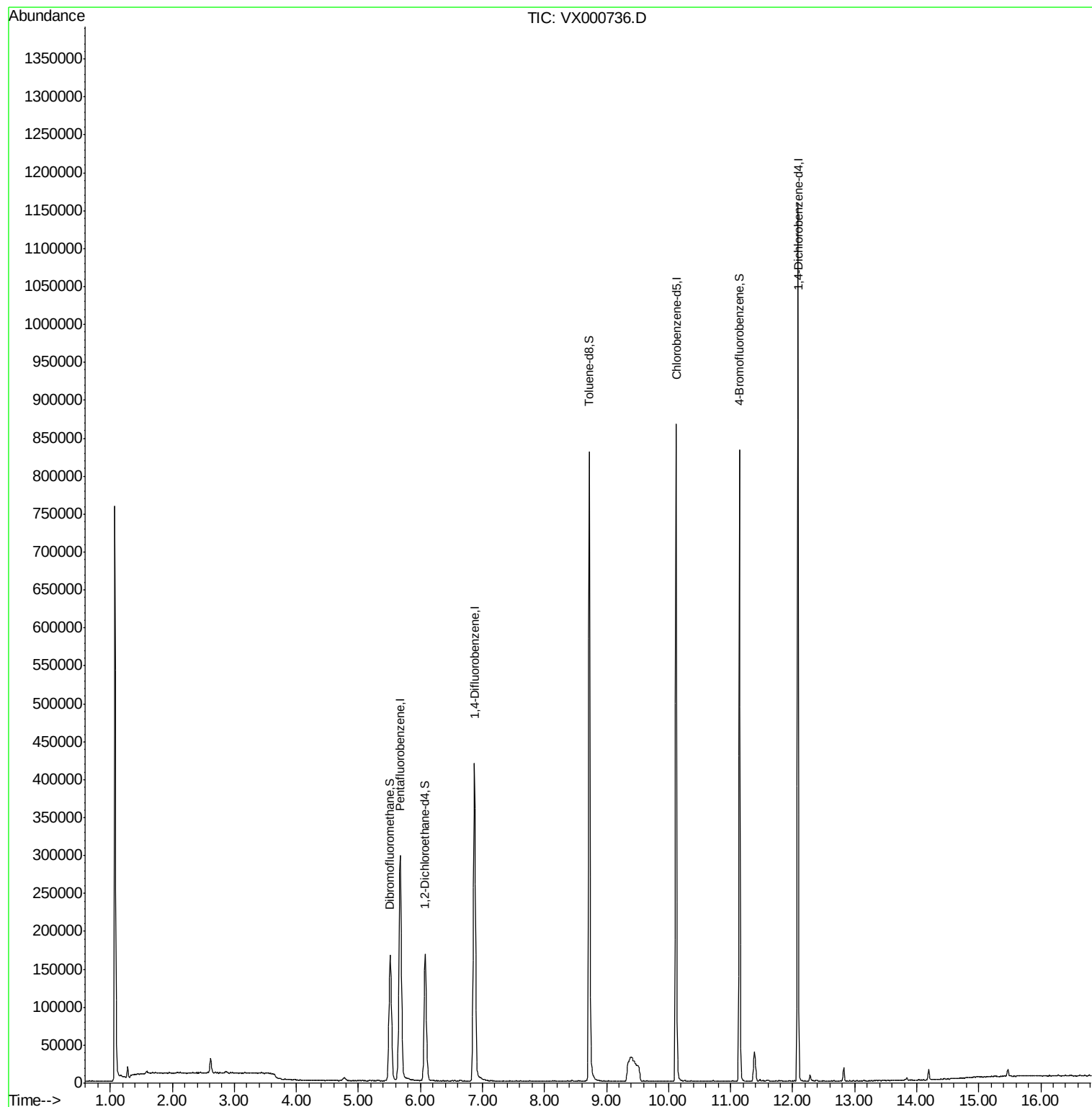
Target Compounds	Qvalue
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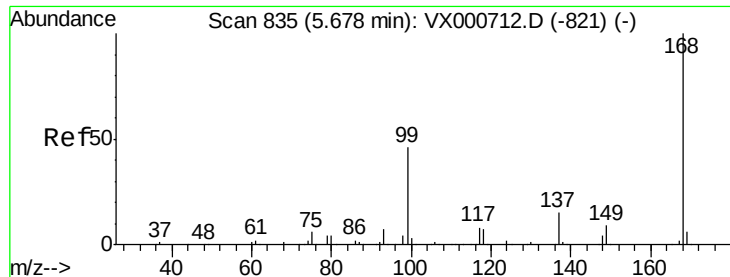
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000736.D

Acq: 08 Apr 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

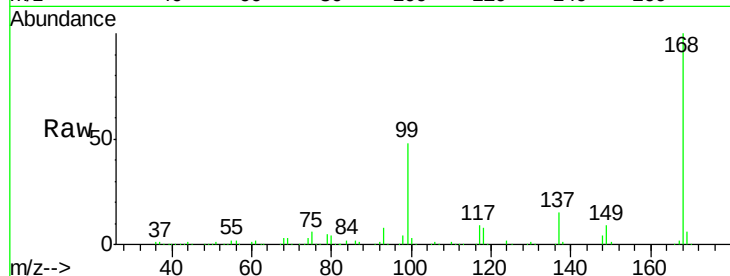
QNWP8-EQUIP-BLANK

Tot Ion:168 Resp: 320747

Ion Ratio Lower Upper

168 100

99 48.3 37.2 55.8



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

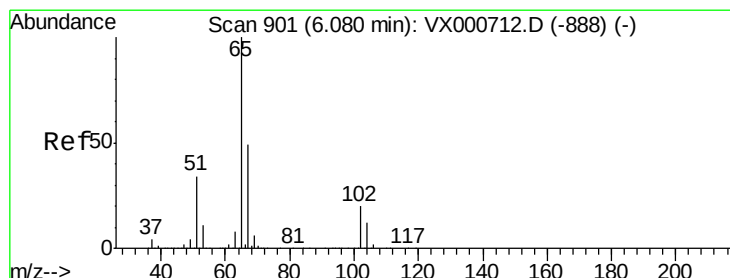
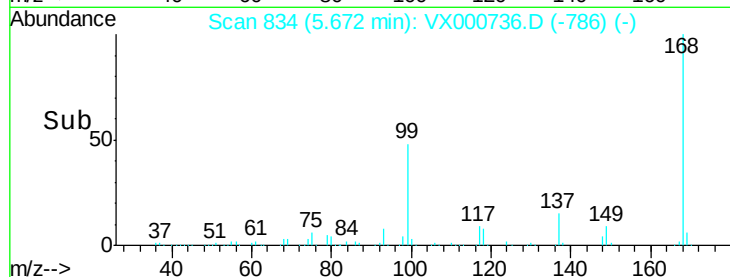
40000

20000

0

Time-->

5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 44.69 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000736.D

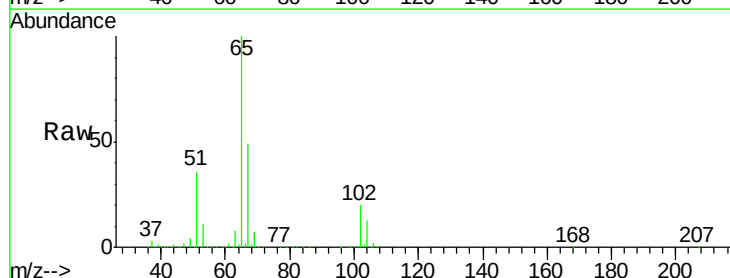
Acq: 08 Apr 2018 17:21

Tgt Ion: 65 Resp: 163932

Ion Ratio Lower Upper

65 100

67 50.6 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

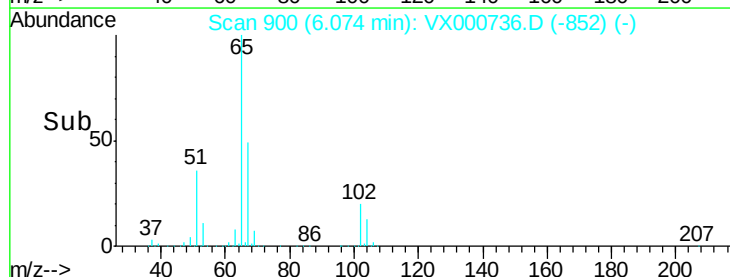
40000

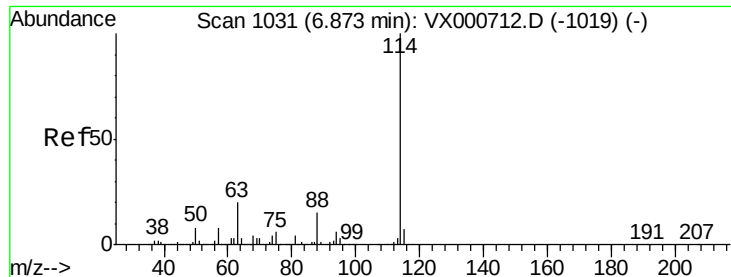
20000

0

Time-->

5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000736.D

Acq: 08 Apr 2018 17:21

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-EQUIP-BLANK

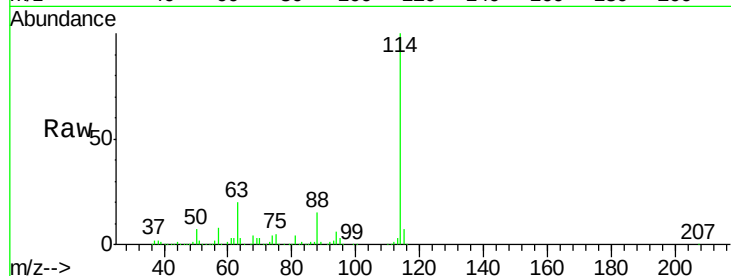
Tot Ion:114 Resp: 449506

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

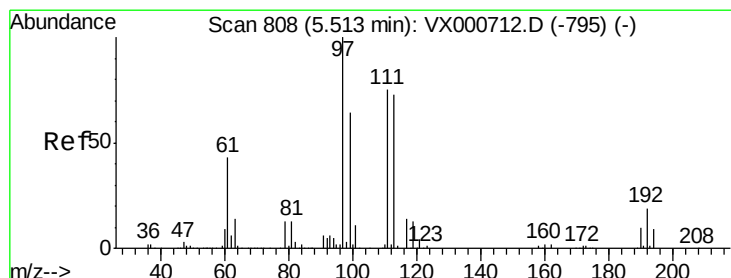
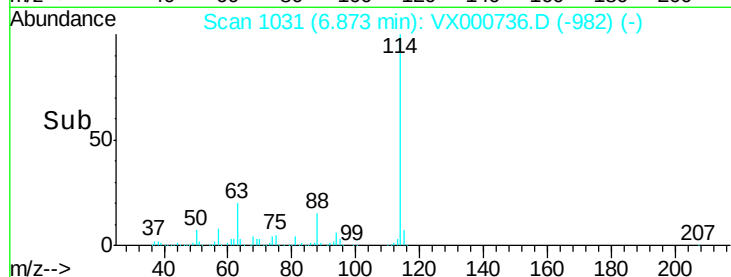
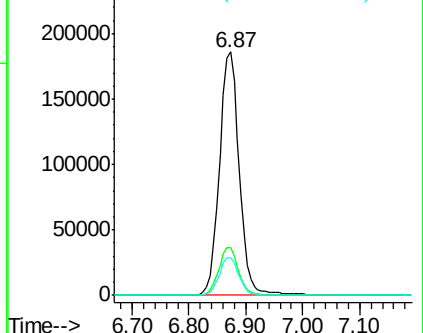
88 15.4 0.0 30.6



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: 47.72 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000736.D

Acq: 08 Apr 2018 17:21

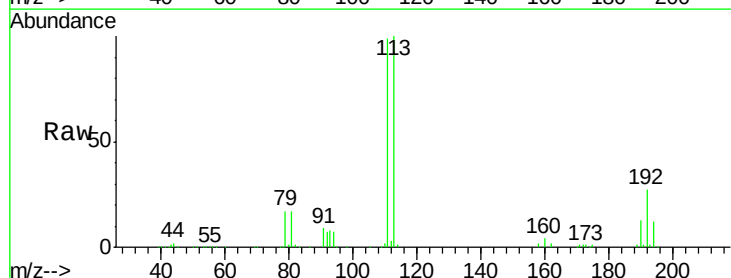
Tgt Ion:113 Resp: 138653

Ion Ratio Lower Upper

113 100

111 100.8 81.5 122.3

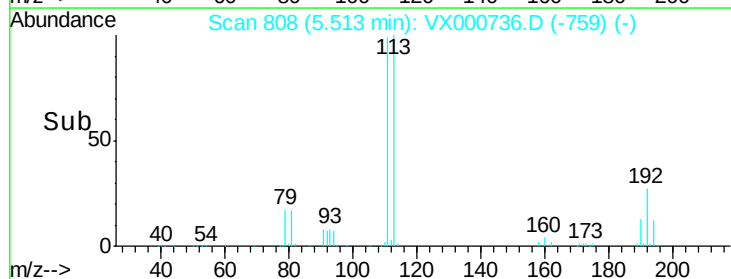
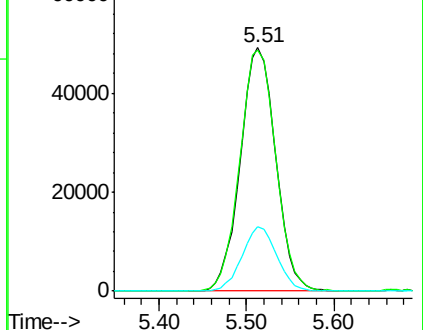
192 25.9 20.0 30.0

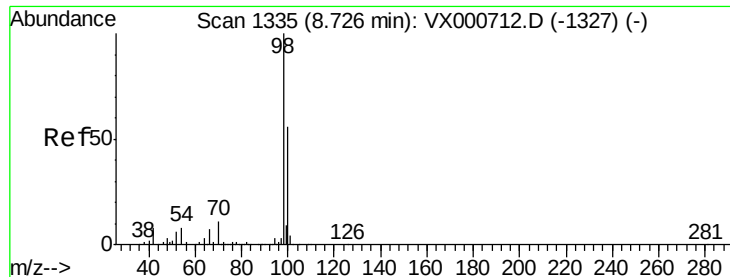


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

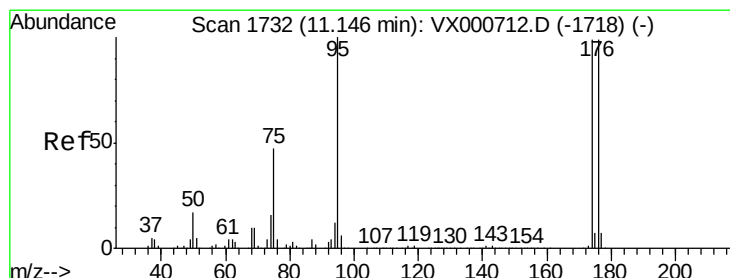
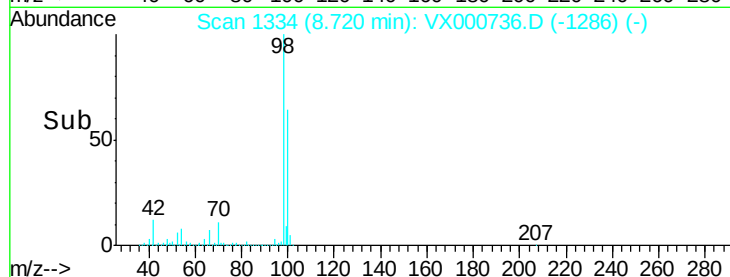
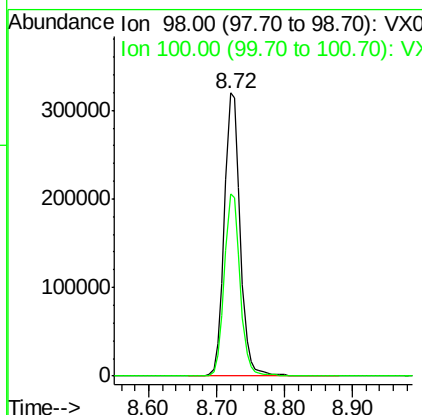
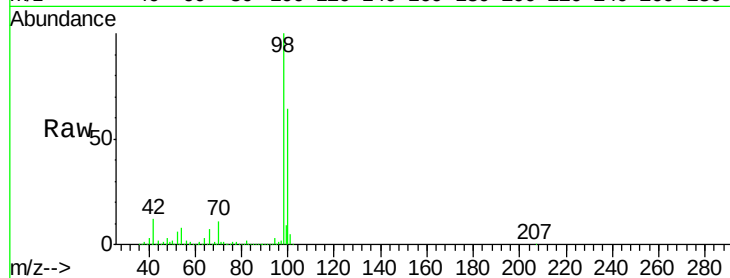




#50
Toluene-d8
Concen: 47.00 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000736.D
Acq: 08 Apr 2018 17:21

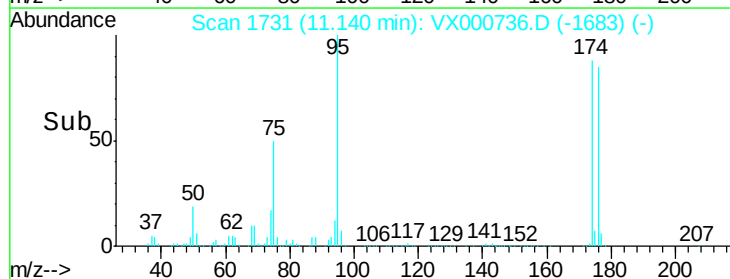
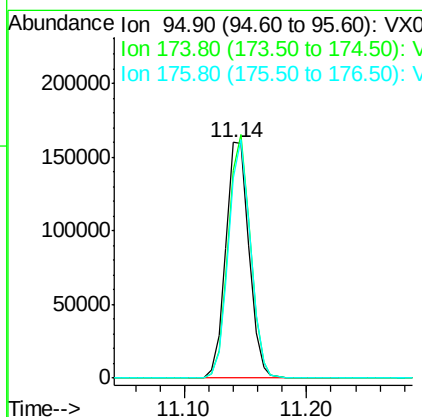
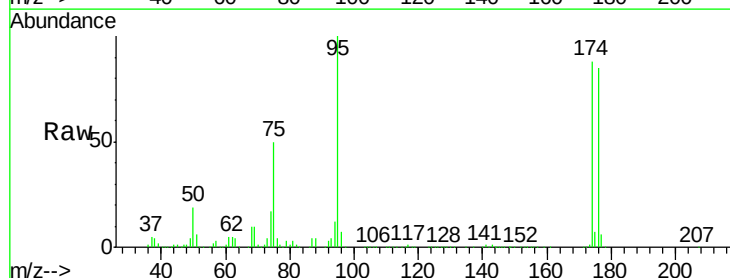
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-EQUIP-BLANK

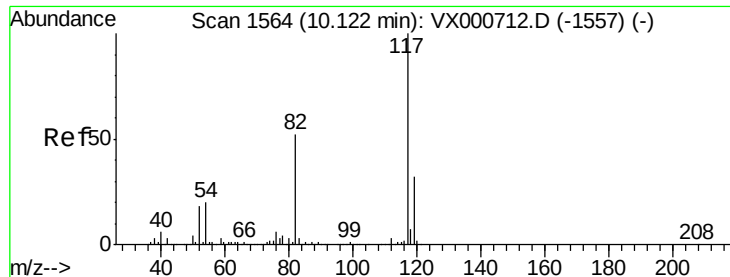
Tot Ion: 98 Resp: 517577
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.06 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.01 min
Lab File: VX000736.D
Acq: 08 Apr 2018 17:21

Tgt Ion: 95 Resp: 210656
Ion Ratio Lower Upper
95 100
174 97.5 0.0 191.6
176 95.0 0.0 187.0

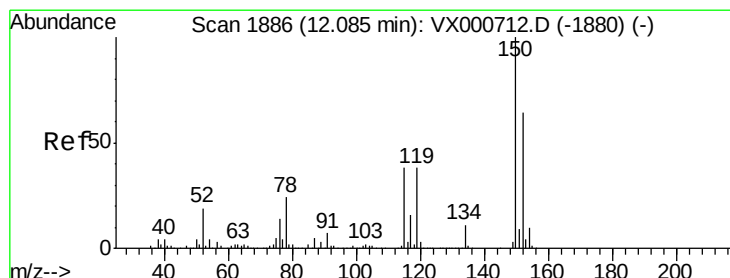
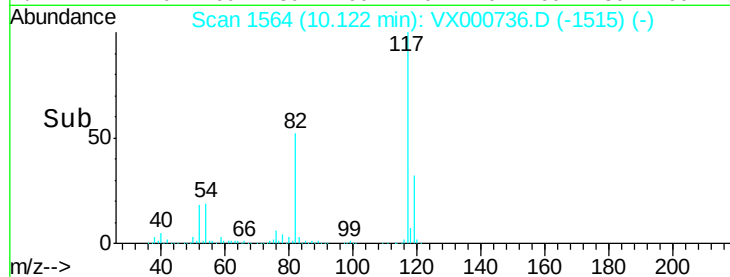
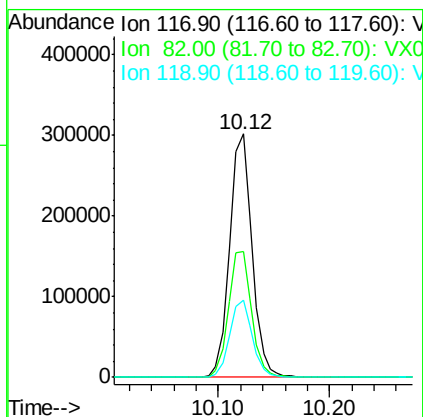
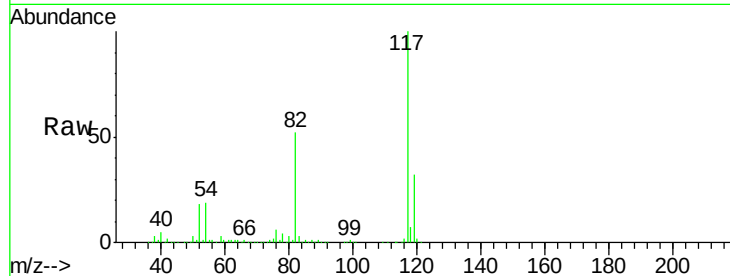




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000736.D
Acq: 08 Apr 2018 17:21

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-EQUIP-BLANK

Tot Ion:117 Resp: 420249
Ion Ratio Lower Upper
117 100
82 51.9 41.9 62.9
119 32.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000736.D
Acq: 08 Apr 2018 17:21

Tgt Ion:152 Resp: 243368
Ion Ratio Lower Upper
152 100
115 54.5 37.7 113.1
150 157.5 0.0 345.0

