

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003074.D
 Acq On : 30 Jun 2018 13:10
 Operator : JC/MD
 Sample : J3668-03DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021RW245-180620DL

Quant Time: Jul 02 03:19:54 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

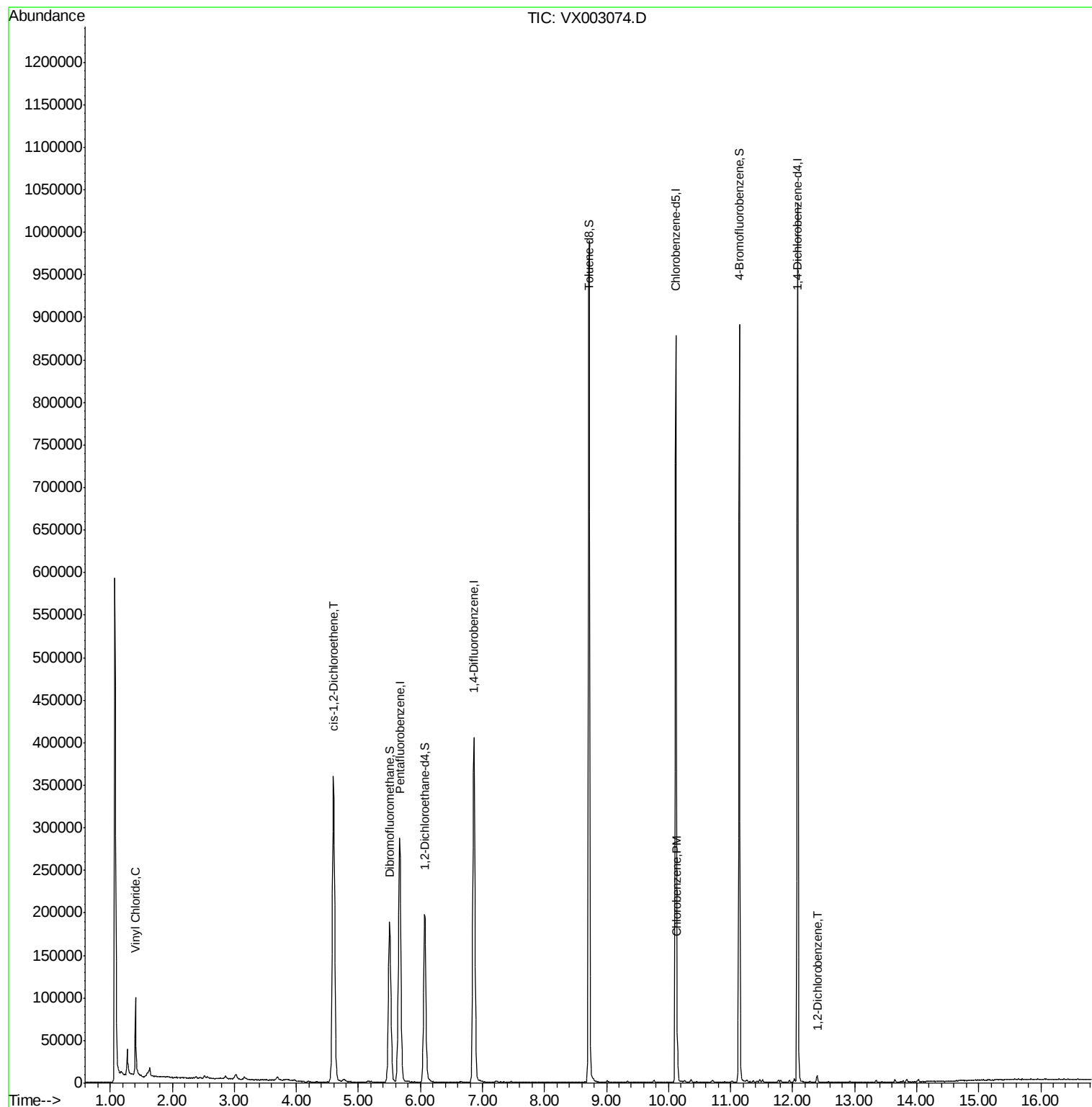
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	298198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	413991	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	388919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222812	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	192373	46.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.34%	
35) Dibromofluoromethane	5.51	113	157779	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
50) Toluene-d8	8.72	98	583332	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
62) 4-Bromofluorobenzene	11.14	95	208078	45.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.14%	
Target Compounds						
4) Vinyl Chloride	1.40	62	57396	17.02	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	228221	63.55	ug/l	82
65) Chlorobenzene	10.14	112	15789	1.60	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	1878	0.24	ug/l	95

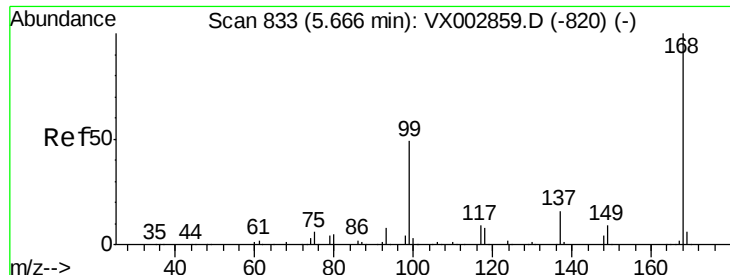
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003074.D

Acq: 30 Jun 2018 13:10

Instrument :

MSVOA_X

ClientSampleId :

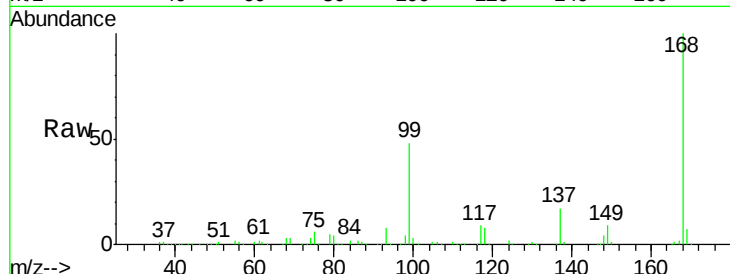
WP021RW245-180620DL

Tot Ion:168 Resp: 298198

Ion Ratio Lower Upper

168 100

99 48.0 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

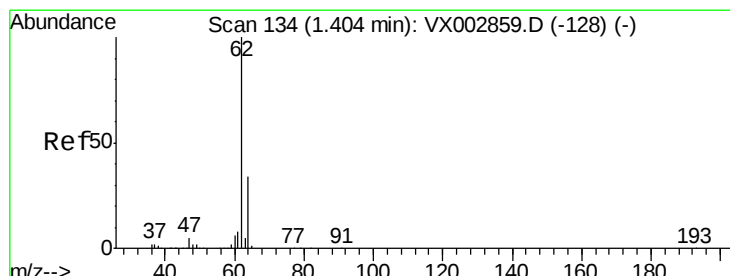
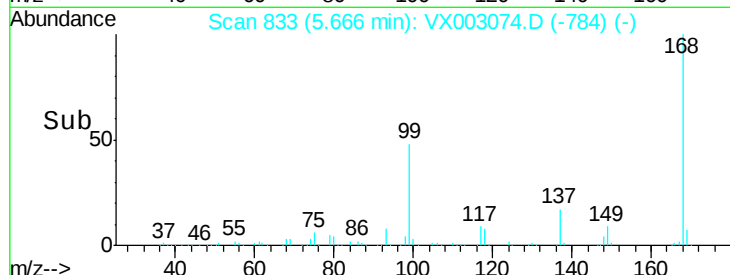
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 17.02 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003074.D

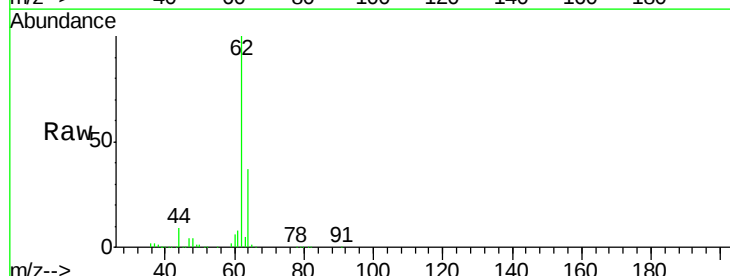
Acq: 30 Jun 2018 13:10

Tgt Ion: 62 Resp: 57396

Ion Ratio Lower Upper

62 100

64 34.8 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

60000

50000

40000

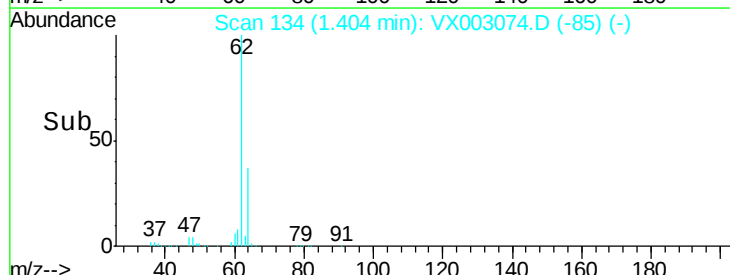
30000

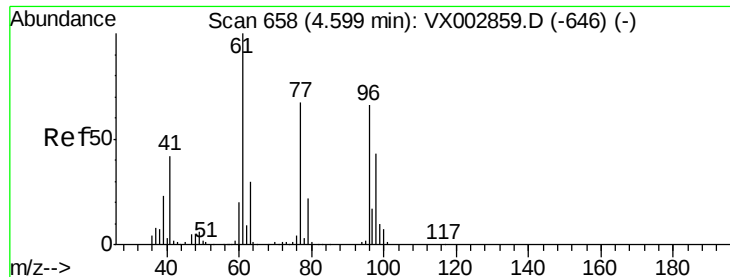
20000

10000

0

Time--> 1.30 1.35 1.40 1.45 1.50





#27

cis-1,2-Dichloroethene

Concen: 63.55 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003074.D

Acq: 30 Jun 2018 13:10

Instrument :

MSVOA_X

ClientSampleId :

WP021RW245-180620DL

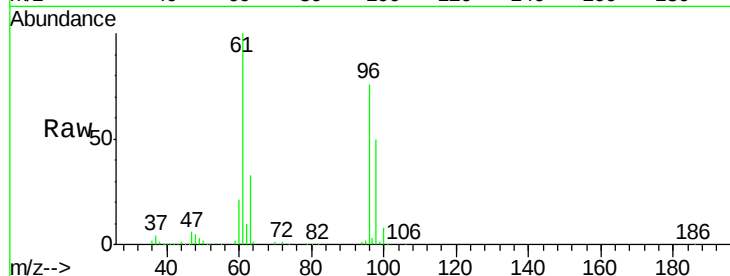
Tot Ion: 96 Resp: 228221

Ion Ratio Lower Upper

96 100

61 131.1 0.0 330.2

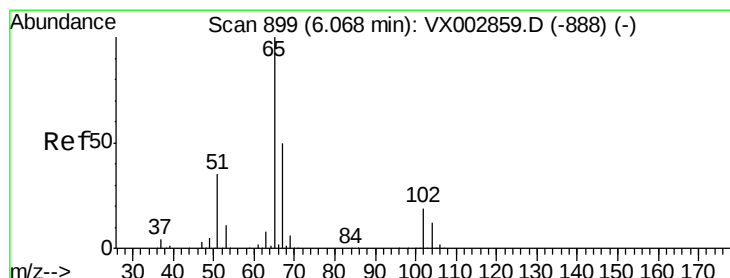
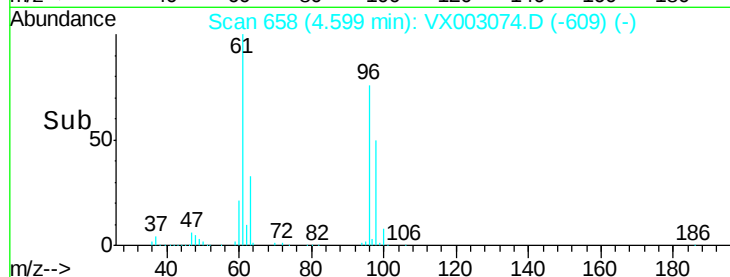
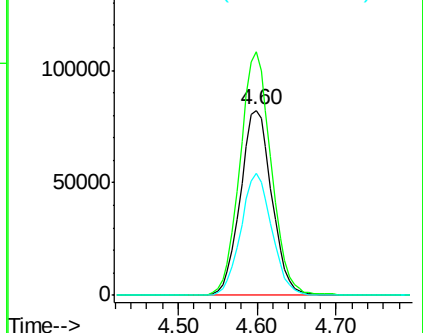
98 64.9 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.67 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX003074.D

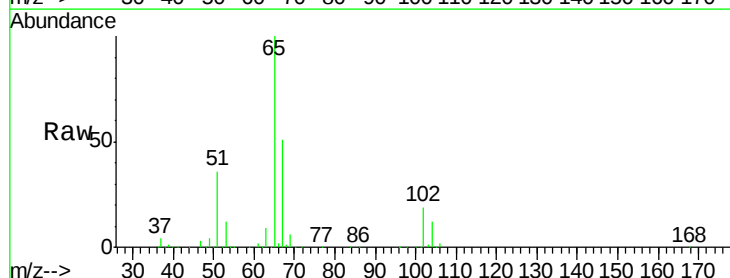
Acq: 30 Jun 2018 13:10

Tgt Ion: 65 Resp: 192373

Ion Ratio Lower Upper

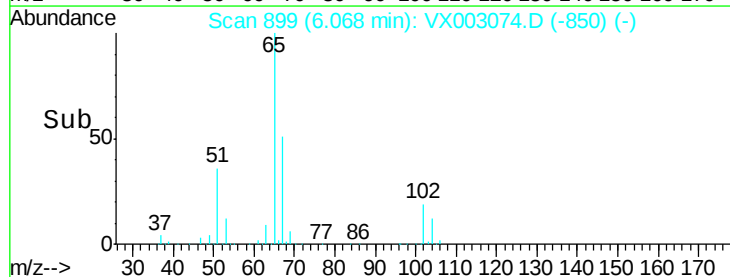
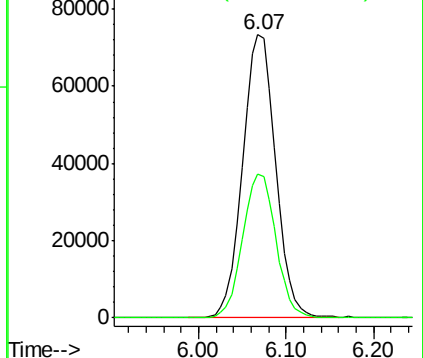
65 100

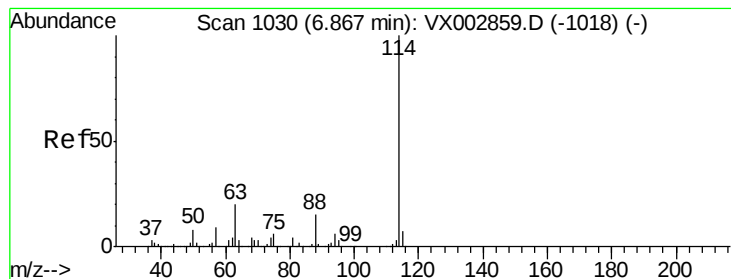
67 51.4 0.0 102.6



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: VX003074.D

Acq: 30 Jun 2018 13:10

Instrument :

MSVOA_X

ClientSampleId :

WP021RW245-180620DL

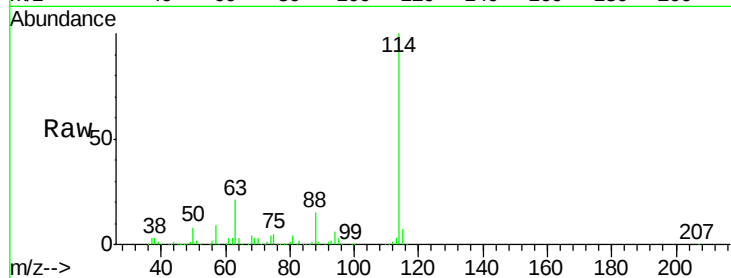
Tot Ion:114 Resp: 413991

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

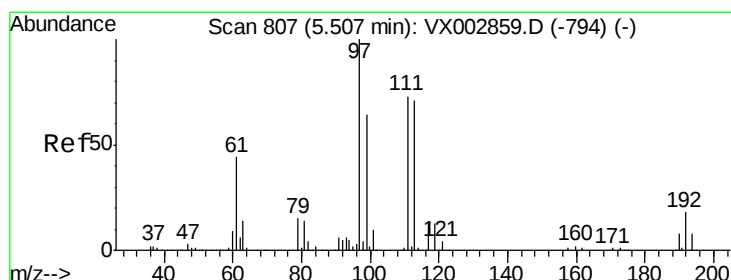
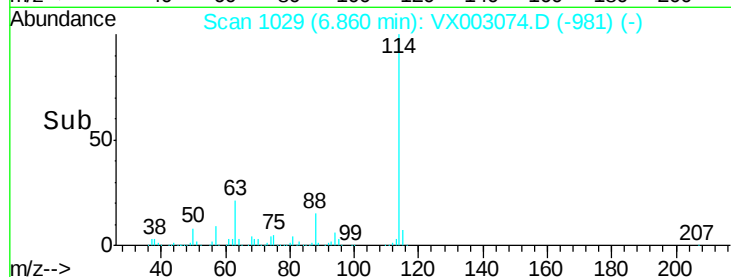
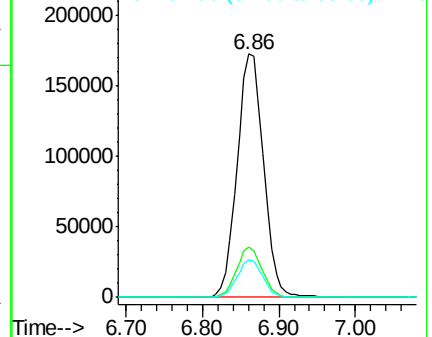
88 15.3 0.0 30.0



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: 48.13 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003074.D

Acq: 30 Jun 2018 13:10

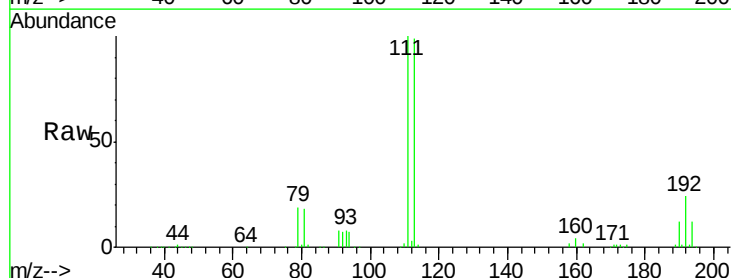
Tgt Ion:113 Resp: 157779

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

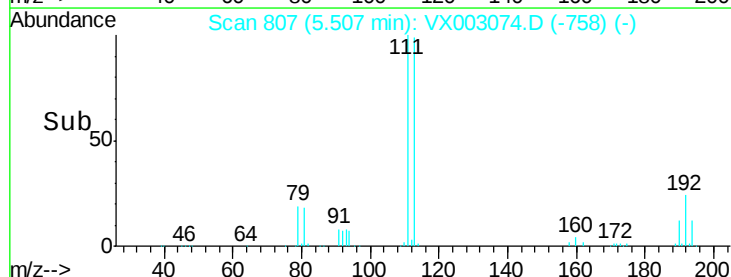
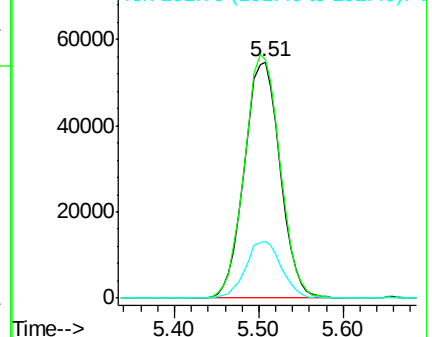
192 24.0 19.1 28.7

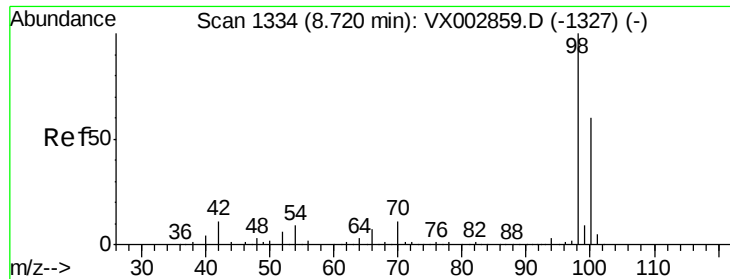


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.72 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003074.D

Acq: 30 Jun 2018 13:10

Instrument :

MSVOA_X

ClientSampleId :

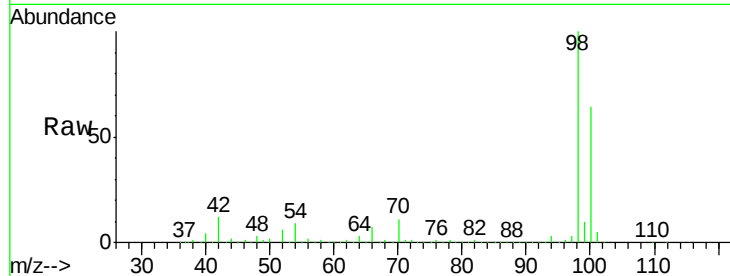
WP021RW245-180620DL

Tot Ion: 98 Resp: 583332

Ion Ratio Lower Upper

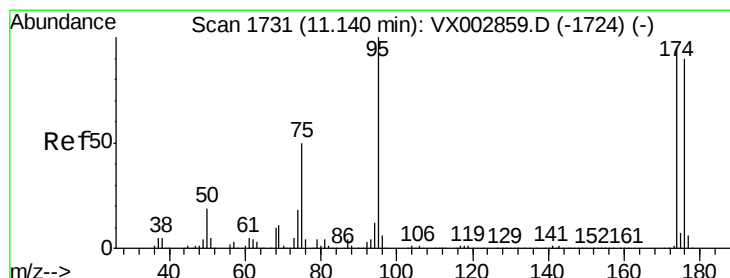
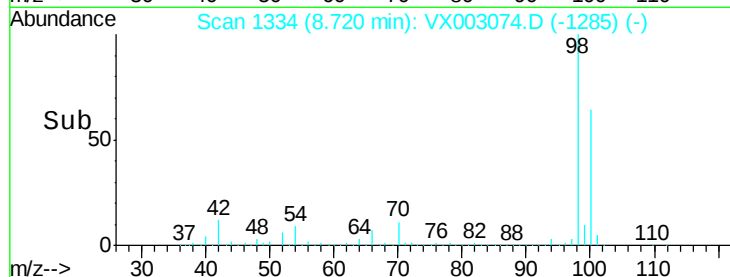
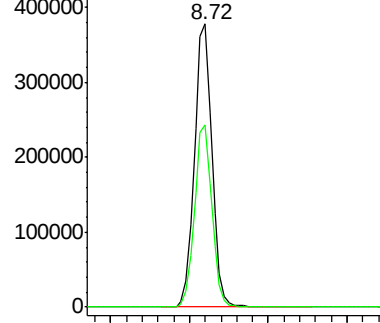
98 100

100 63.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.07 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003074.D

Acq: 30 Jun 2018 13:10

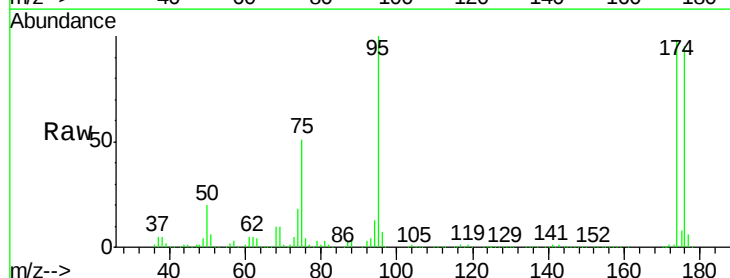
Tgt Ion: 95 Resp: 208078

Ion Ratio Lower Upper

95 100

174 97.6 0.0 187.4

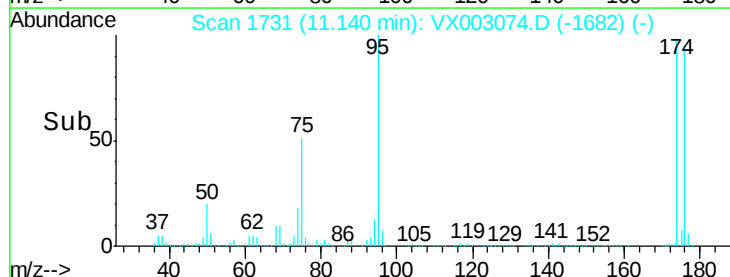
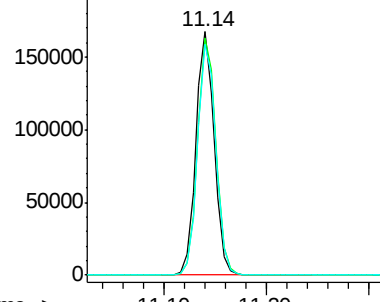
176 95.4 0.0 181.0

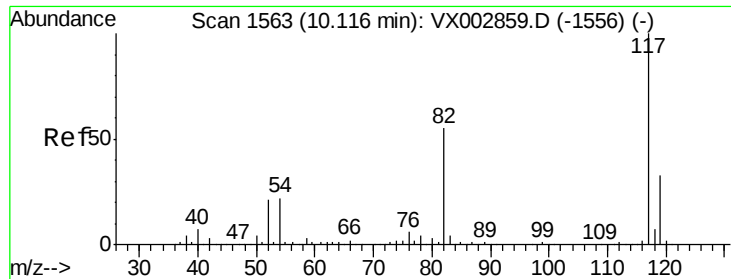


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

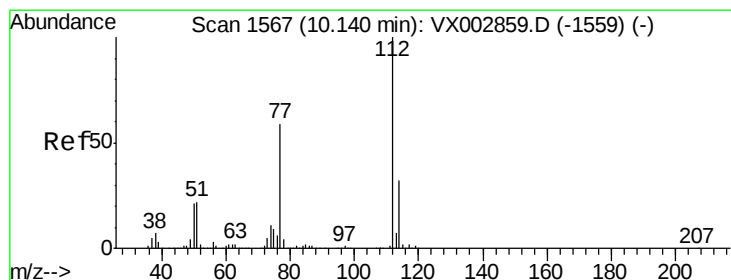
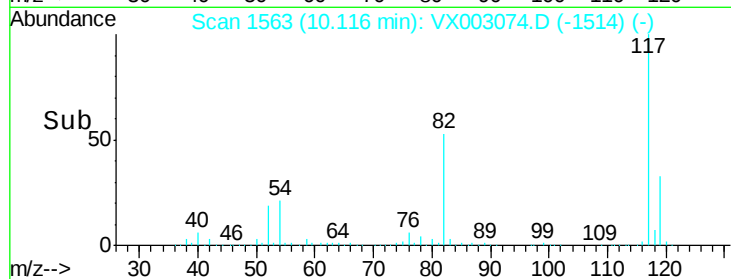
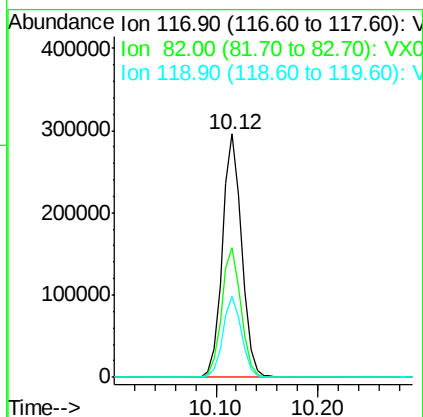
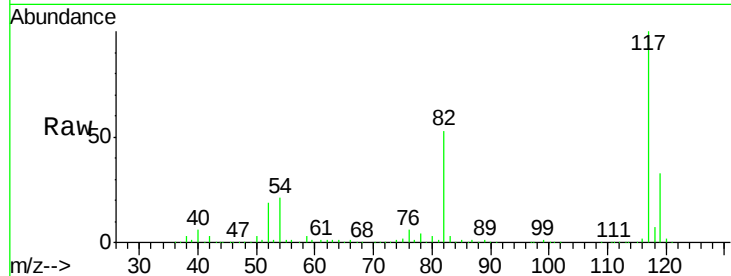




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003074.D
Acq: 30 Jun 2018 13:10

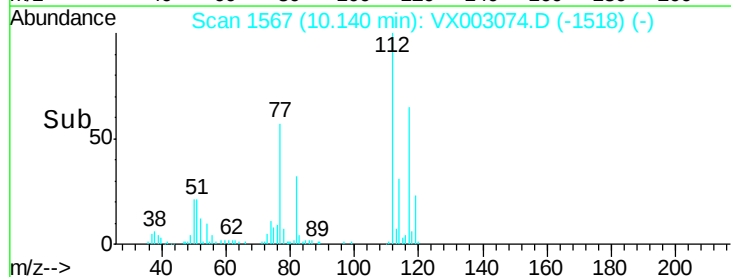
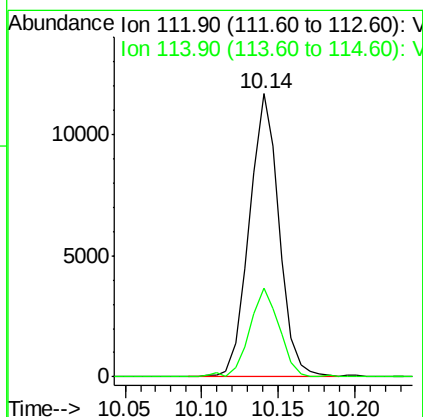
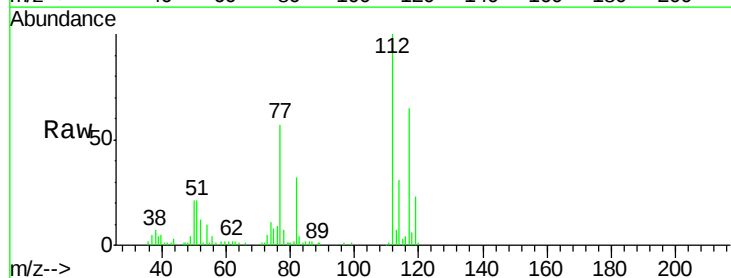
Instrument :
MSVOA_X
ClientSampleId :
WP021RW245-180620DL

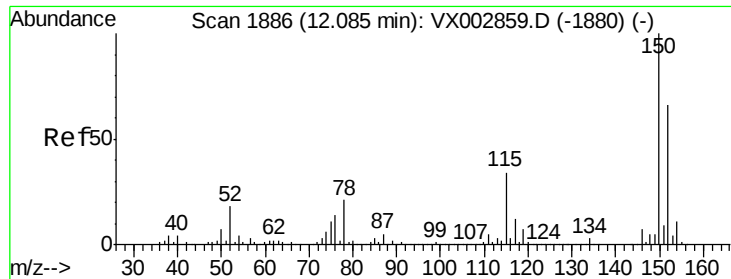
Tot Ion:117 Resp: 388919
Ion Ratio Lower Upper
117 100
82 53.0 45.0 67.4
119 33.1 25.8 38.6



#65
Chlorobenzene
Concen: 1.60 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003074.D
Acq: 30 Jun 2018 13:10

Tgt Ion:112 Resp: 15789
Ion Ratio Lower Upper
112 100
114 31.5 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003074.D

Acq: 30 Jun 2018 13:10

Instrument :

MSVOA_X

ClientSampleId :

WP021RW245-180620DL

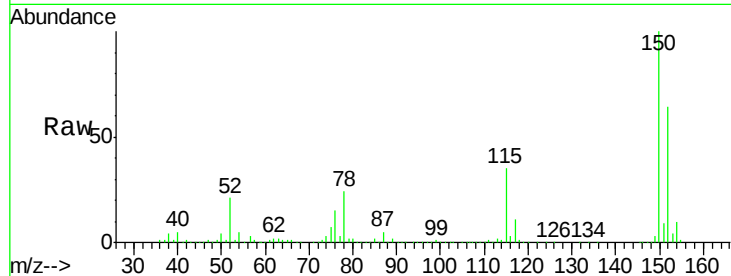
Tot Ion:152 Resp: 222812

Ion Ratio Lower Upper

152 100

115 54.2 40.1 120.2

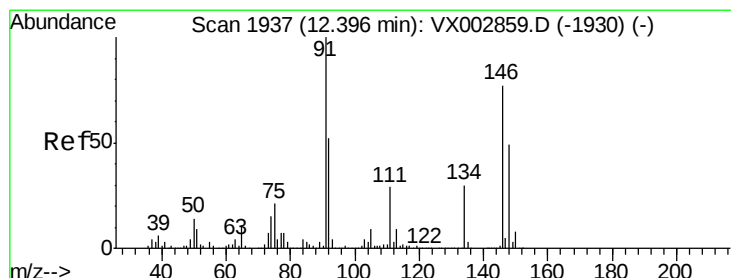
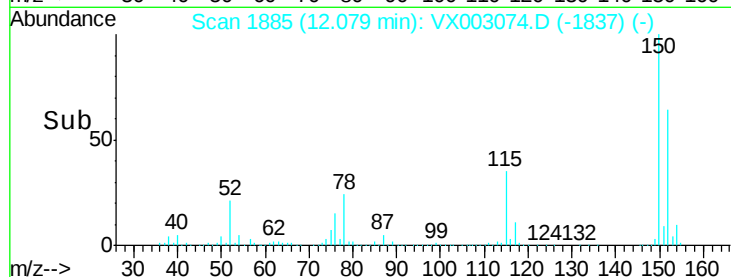
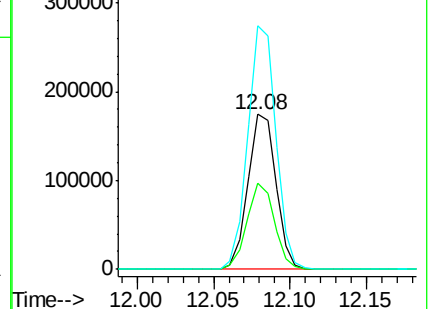
150 156.9 0.0 347.2



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



#91

1,2-Dichlorobenzene

Concen: 0.24 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003074.D

Acq: 30 Jun 2018 13:10

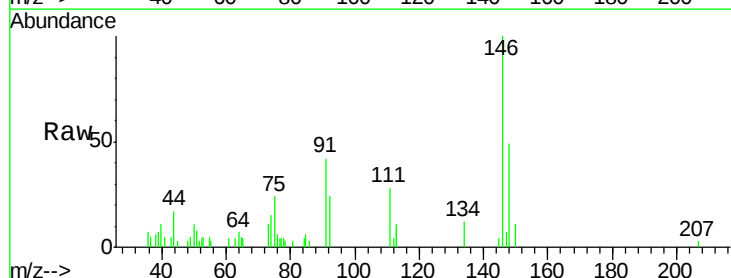
Tgt Ion:146 Resp: 1878

Ion Ratio Lower Upper

146 100

111 32.6 19.4 58.1

148 65.4 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

