

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070618\
 Data File : VX003229.D
 Acq On : 06 Jul 2018 22:53
 Operator : JC/MD
 Sample : J3844-09DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW357-180702DL

Quant Time: Jul 09 09:20:46 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

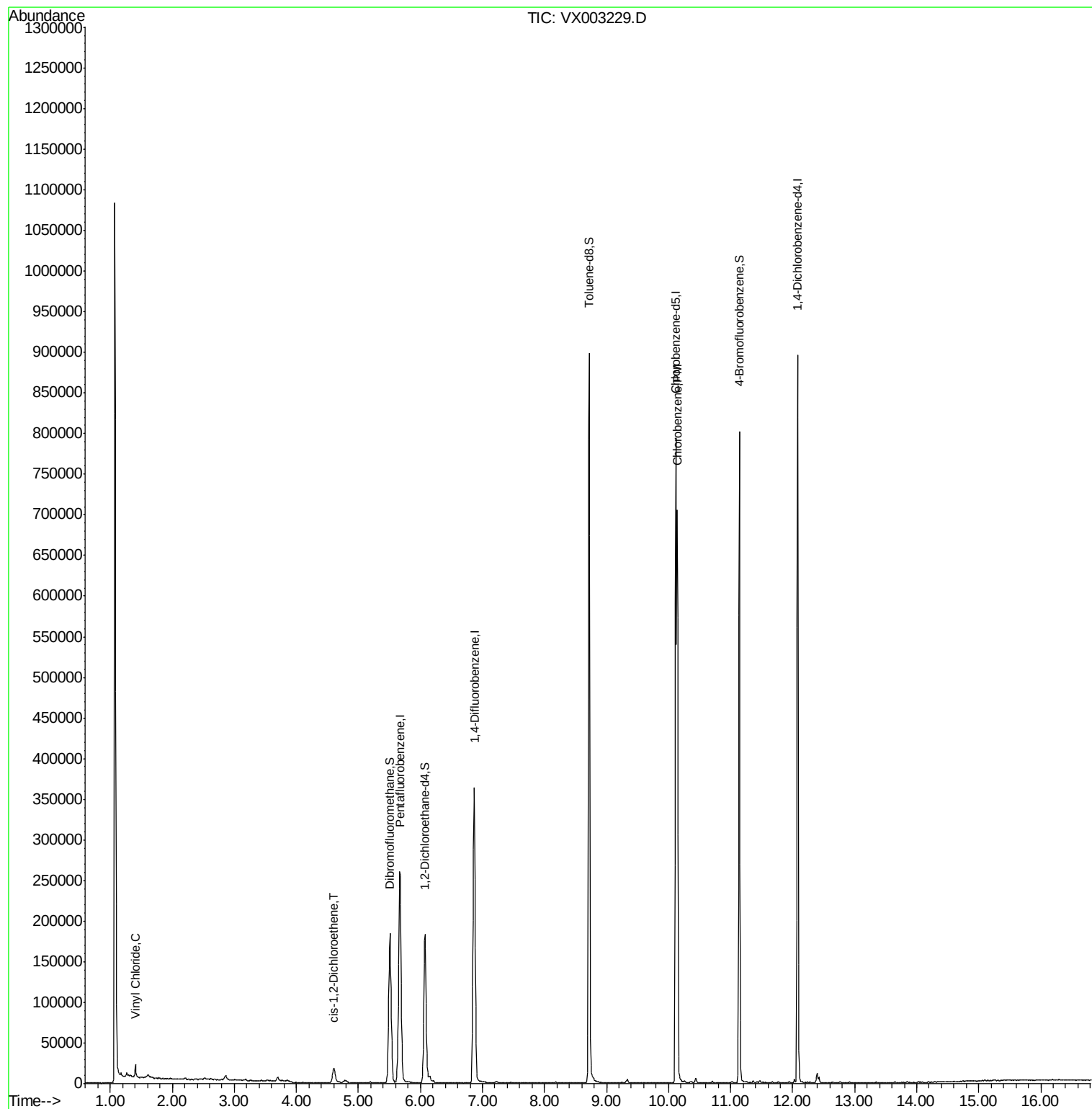
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	269305	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	376505	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	352011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198849	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	174149	46.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.56%	
35) Dibromofluoromethane	5.51	113	148248	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.44%	
50) Toluene-d8	8.72	98	525198	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
62) 4-Bromofluorobenzene	11.14	95	184806	44.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.02%	
Target Compounds						
4) Vinyl Chloride	1.40	62	8794	2.887	ug/l #	72
27) cis-1,2-Dichloroethene	4.60	96	10533	3.247	ug/l	82
65) Chlorobenzene	10.14	112	298652	33.402	ug/l	100

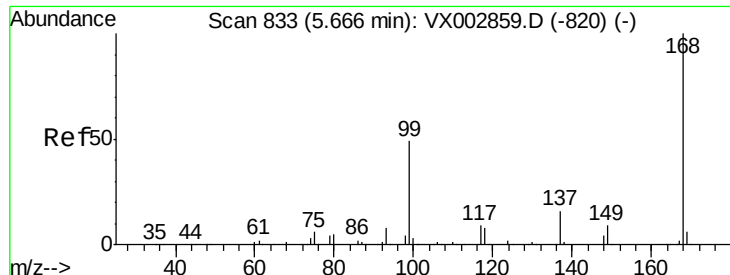
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003229.D

Acq: 06 Jul 2018 22:53

Instrument :

MSVOA_X

ClientSampleId :

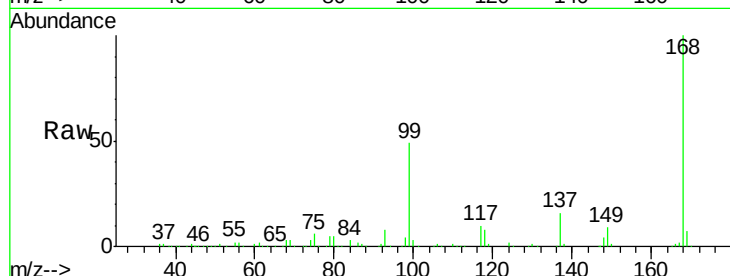
WP022MW357-180702DL

Tot Ion:168 Resp: 269305

Ion Ratio Lower Upper

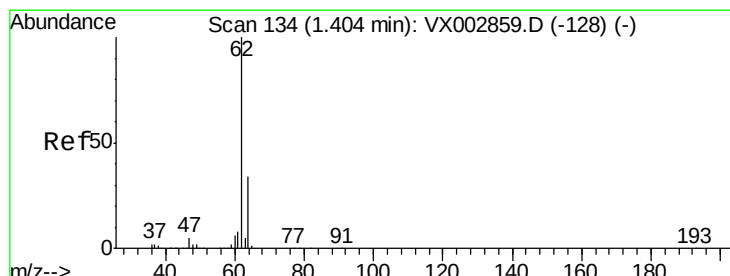
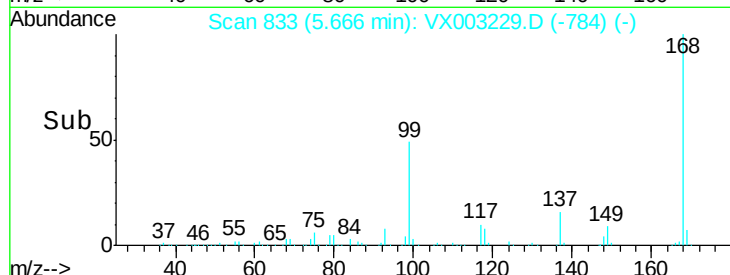
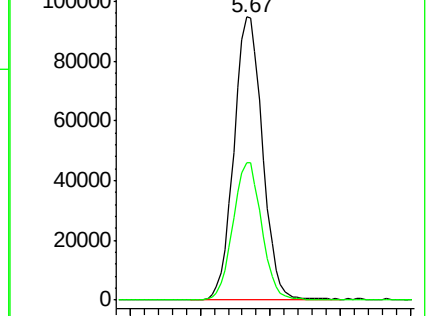
168 100

99 48.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 2.887 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003229.D

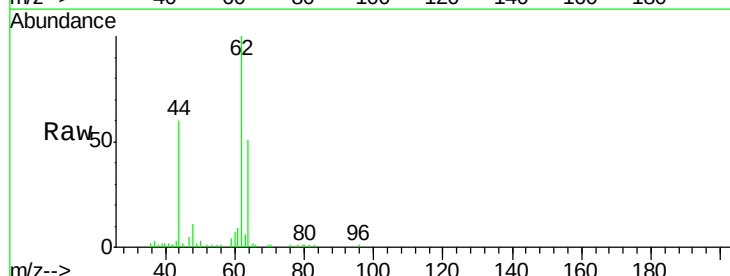
Acq: 06 Jul 2018 22:53

Tgt Ion: 62 Resp: 8794

Ion Ratio Lower Upper

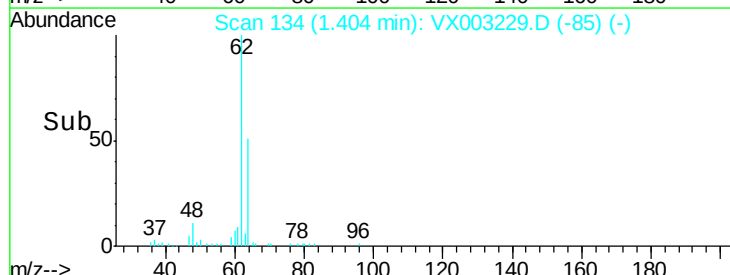
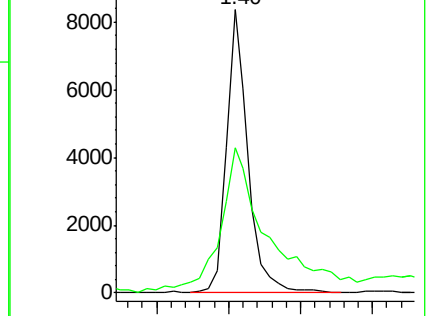
62 100

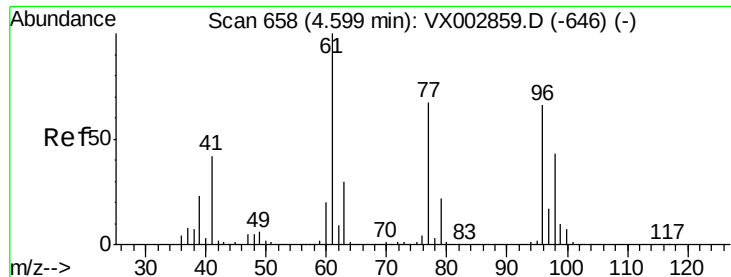
64 47.5 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 3.247 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003229.D

Acq: 06 Jul 2018 22:53

Instrument :

MSVOA_X

ClientSampleId :

WP022MW357-180702DL

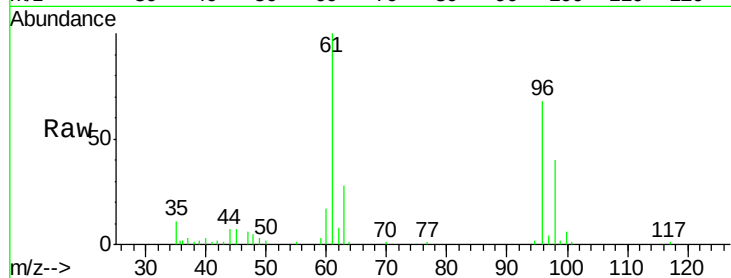
Tot Ion: 96 Resp: 10533

Ion Ratio Lower Upper

96 100

61 198.5 0.0 330.2

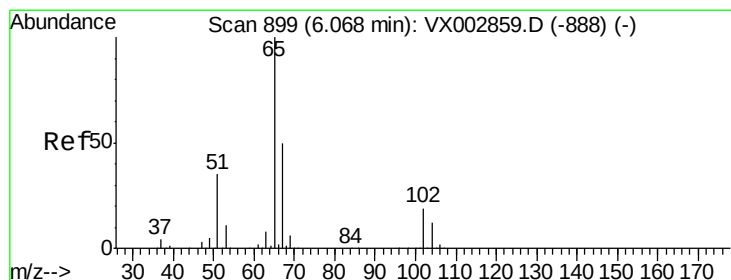
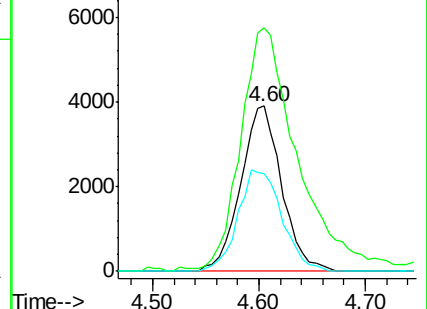
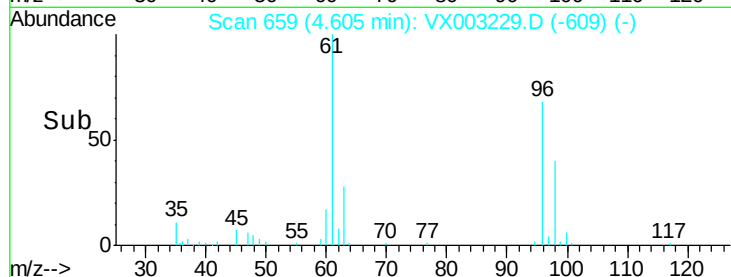
98 65.9 0.0 130.2



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: 46.785 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003229.D

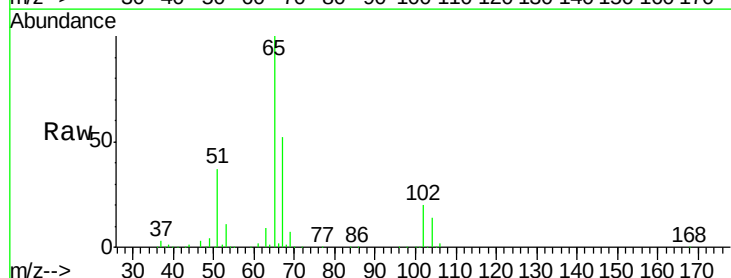
Acq: 06 Jul 2018 22:53

Tgt Ion: 65 Resp: 174149

Ion Ratio Lower Upper

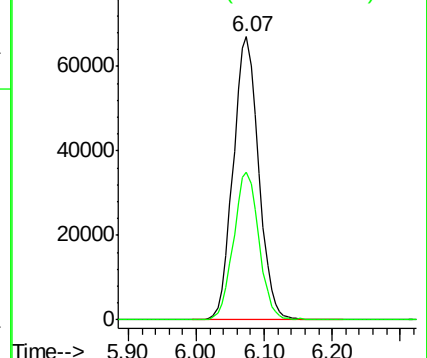
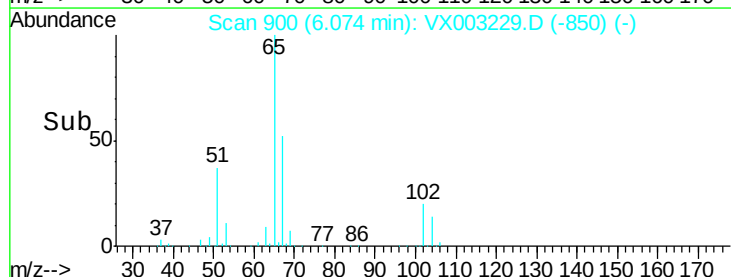
65 100

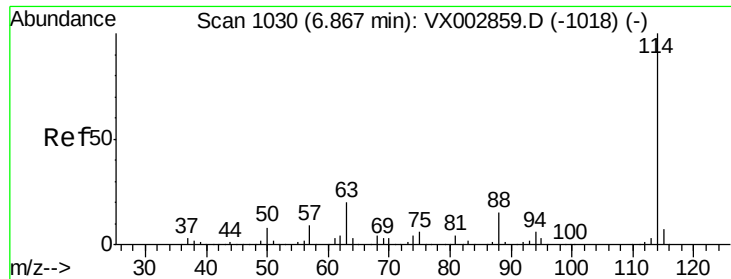
67 52.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

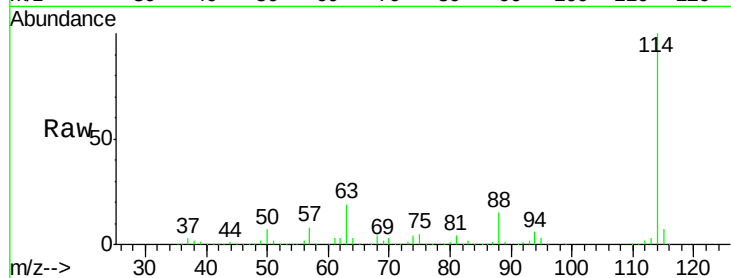




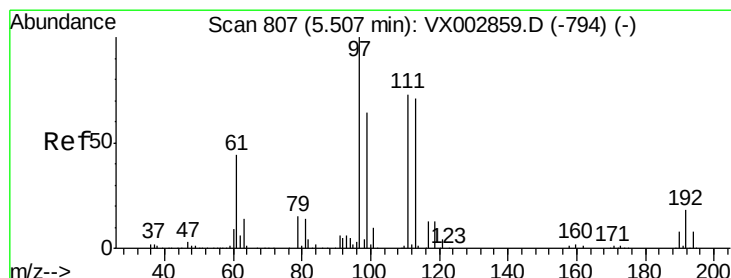
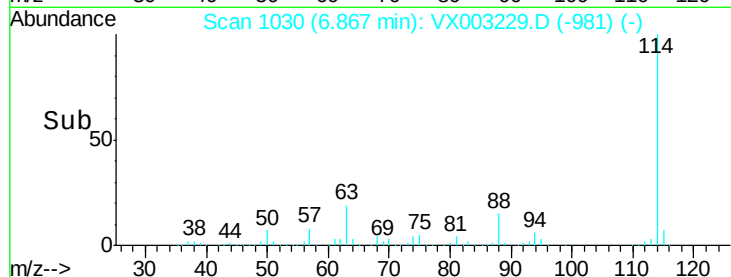
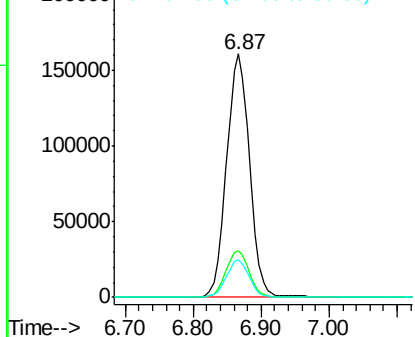
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003229.D
 Acq: 06 Jul 2018 22:53

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW357-180702DL

Tot Ion:114 Resp: 376505
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 41.4
 88 15.2 0.0 30.0

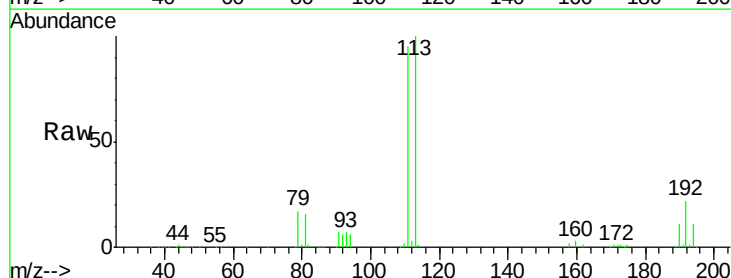


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

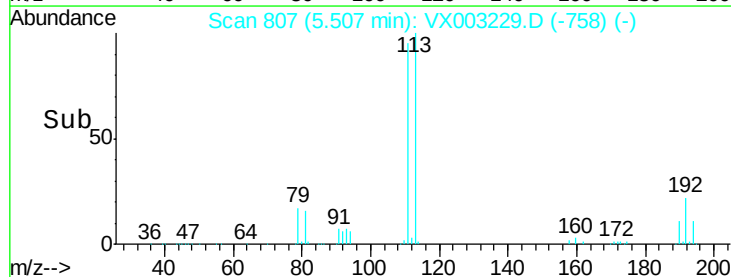
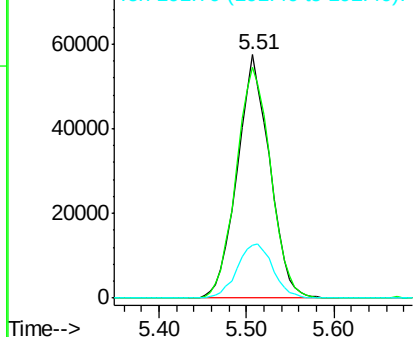


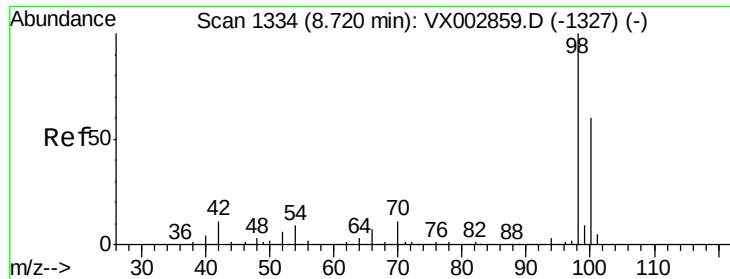
#35
 Dibromofluoromethane
 Concen: 49.721 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003229.D
 Acq: 06 Jul 2018 22:53

Tgt Ion:113 Resp: 148248
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.4 122.0
 192 24.7 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: 48.237 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003229.D

Acq: 06 Jul 2018 22:53

Instrument :

MSVOA_X

ClientSampleId :

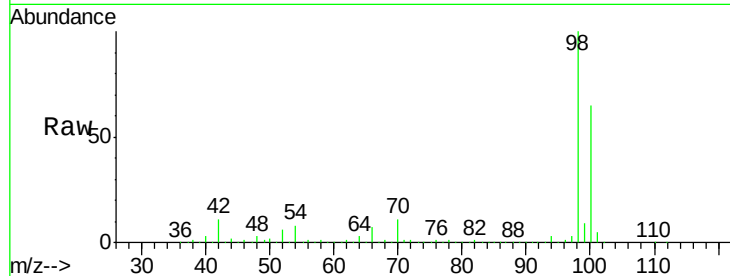
WP022MW357-180702DL

Tot Ion: 98 Resp: 525198

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): VX

8.72

300000

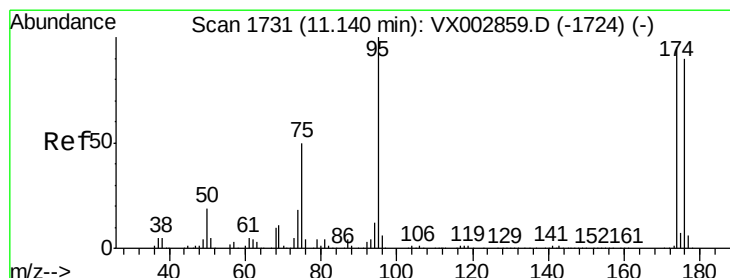
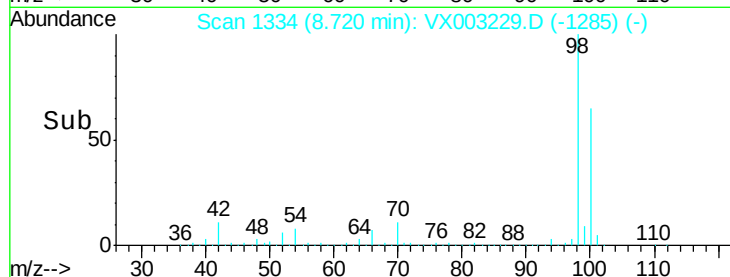
200000

100000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 44.012 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003229.D

Acq: 06 Jul 2018 22:53

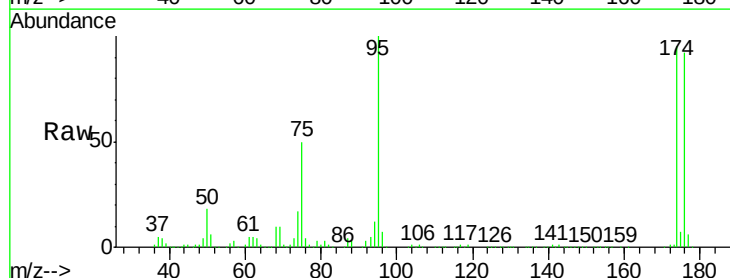
Tgt Ion: 95 Resp: 184806

Ion Ratio Lower Upper

95 100

174 98.5 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

11.14

200000

150000

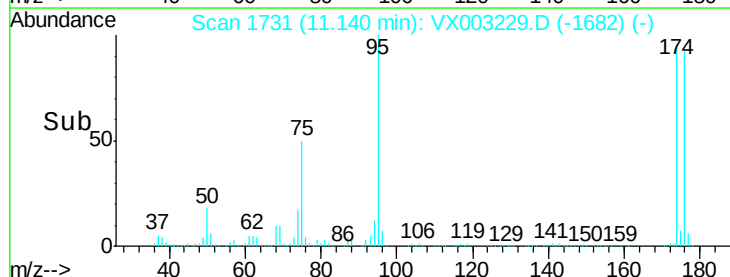
100000

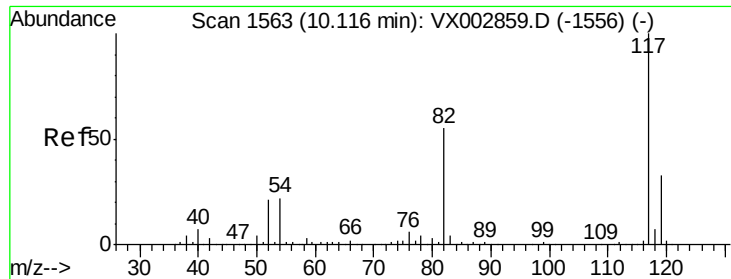
50000

0

Time-->

11.10 11.20 11.30

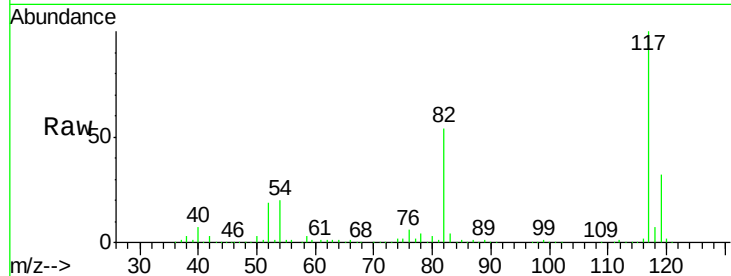




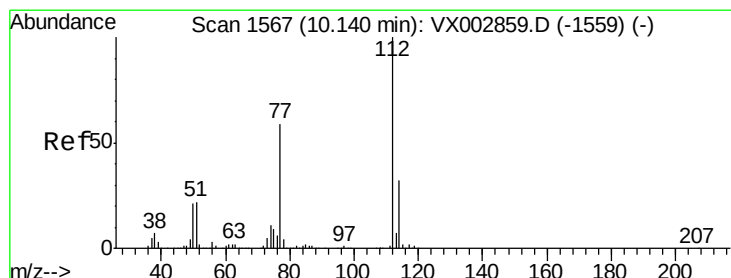
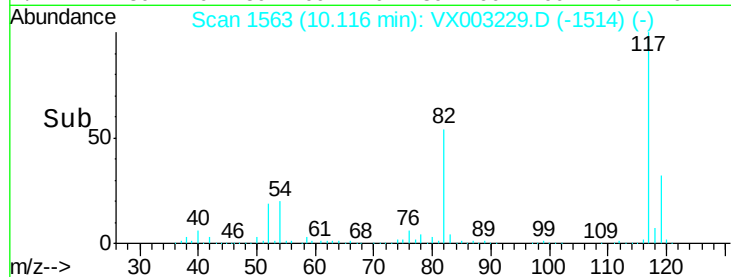
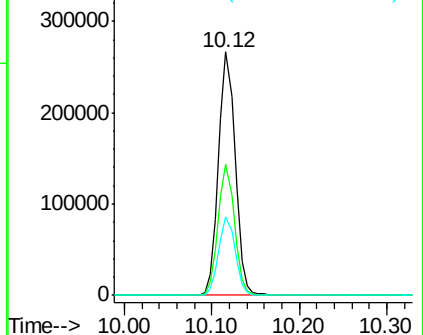
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003229.D
Acq: 06 Jul 2018 22:53

Instrument :
MSVOA_X
ClientSampleId :
WP022MW357-180702DL

Tot Ion:117 Resp: 352011
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.4
119 32.0 25.8 38.6

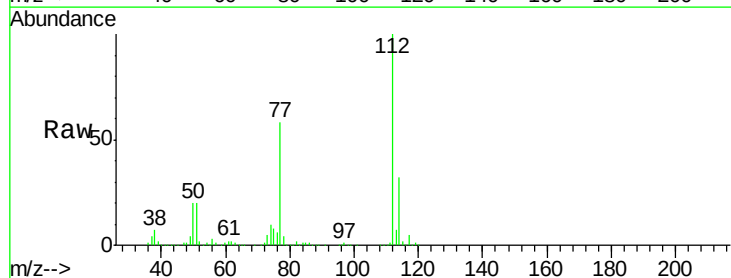


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

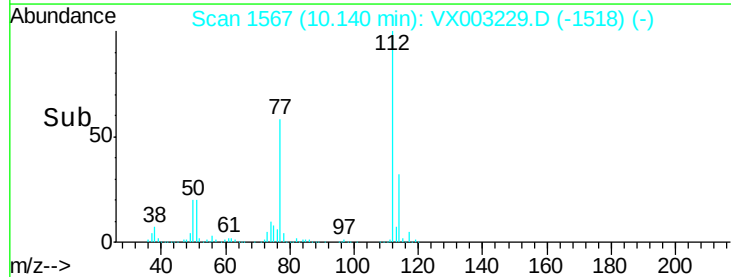
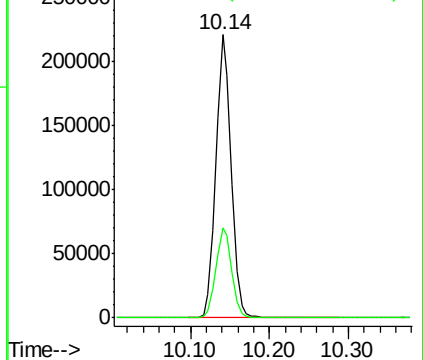


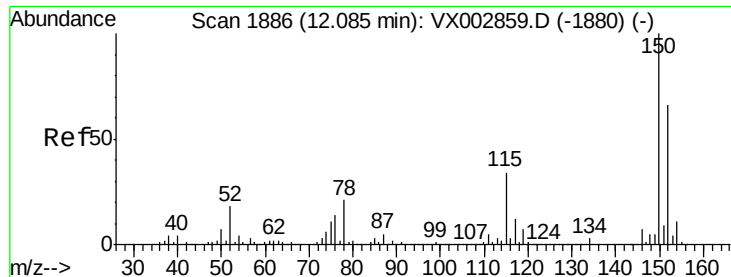
#65
Chlorobenzene
Concen: 33.402 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003229.D
Acq: 06 Jul 2018 22:53

Tgt Ion:112 Resp: 298652
Ion Ratio Lower Upper
112 100
114 31.7 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003229.D

Acq: 06 Jul 2018 22:53

Instrument :

MSVOA_X

ClientSampleId :

WP022MW357-180702DL

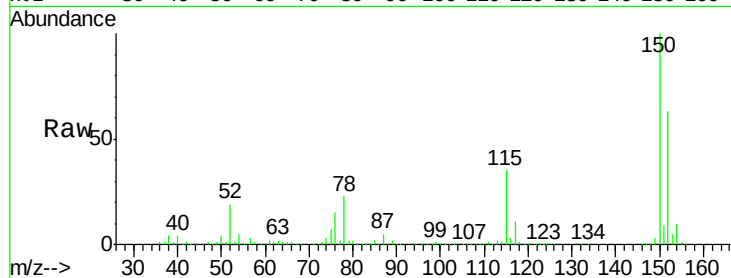
Tot Ion:152 Resp: 198849

Ion Ratio Lower Upper

152 100

115 53.6 40.1 120.2

150 156.4 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

