

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070618\
 Data File : VX003230.D
 Acq On : 06 Jul 2018 23:20
 Operator : JC/MD
 Sample : J3846-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW350-180702

Quant Time: Jul 09 09:21:47 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	279592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	390118	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	364677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200275	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	177980	46.05	ug/l	0.00
Spiked Amount			Recovery	=	92.10%	
35) Dibromofluoromethane	5.51	113	150961	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
50) Toluene-d8	8.72	98	540396	47.90	ug/l	0.00
Spiked Amount			Recovery	=	95.80%	
62) 4-Bromofluorobenzene	11.14	95	197728	45.45	ug/l	0.00
Spiked Amount			Recovery	=	90.90%	

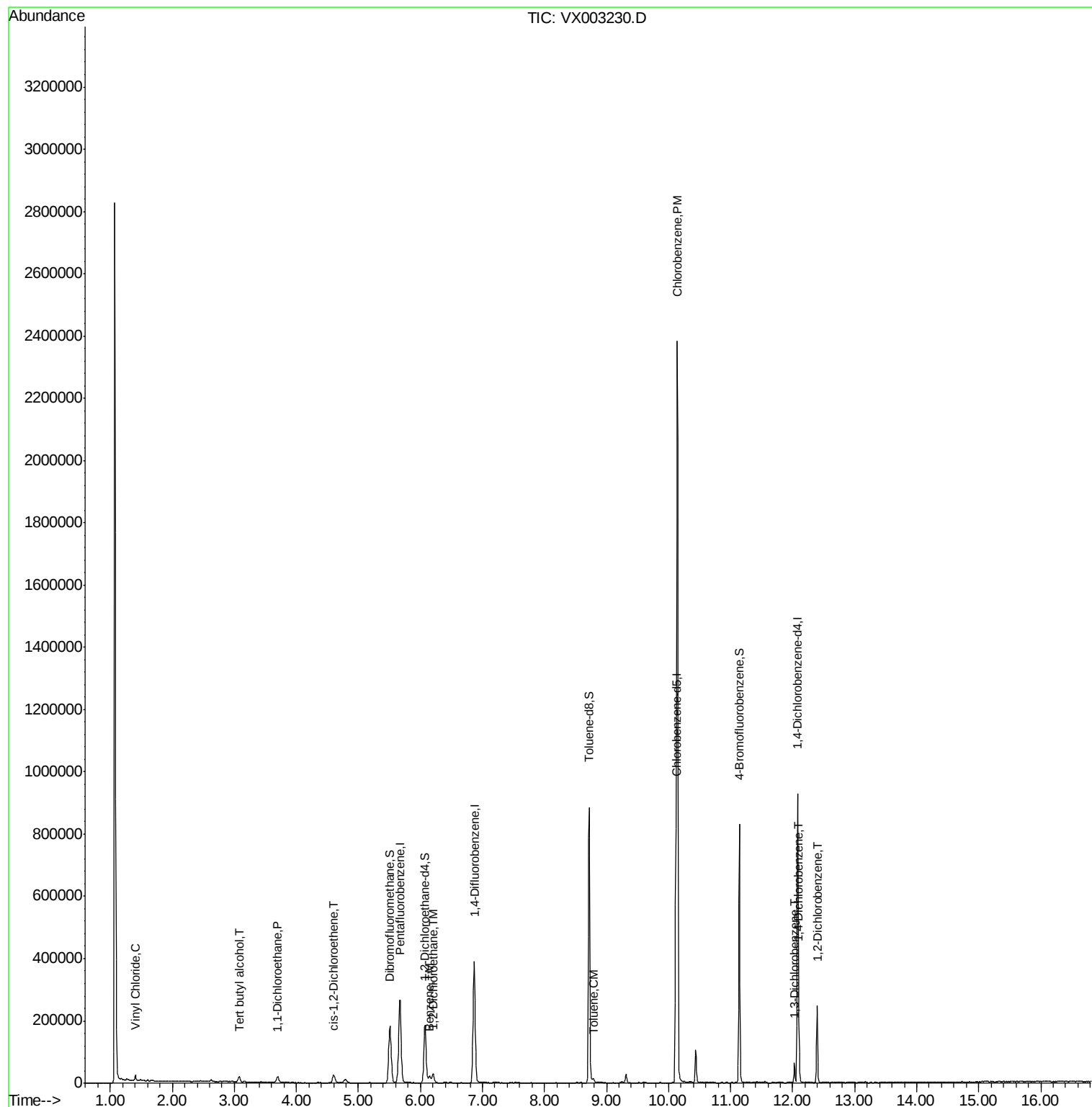
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	11214	3.547	ug/l #	84
11) Tert butyl alcohol	3.07	59	22845	29.675	ug/l	96
24) 1,1-Dichloroethane	3.70	63	18856	3.339	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	16108	4.784	ug/l	94
40) Benzene	6.15	78	24182	1.945	ug/l #	89
42) 1,2-Dichloroethane	6.20	62	29915	5.958	ug/l	95
52) Toluene	8.79	92	3292	0.413	ug/l	98
65) Chlorobenzene	10.14	112	1043782	112.686	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	21104	3.012	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	61156	8.480	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	82253	11.630	ug/l	98

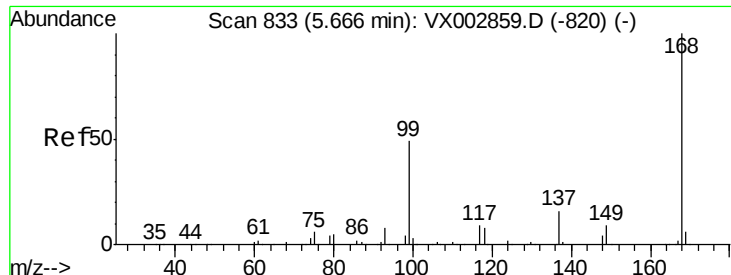
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070618\
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Quant Time: Jul 09 09:21:47 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003230.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

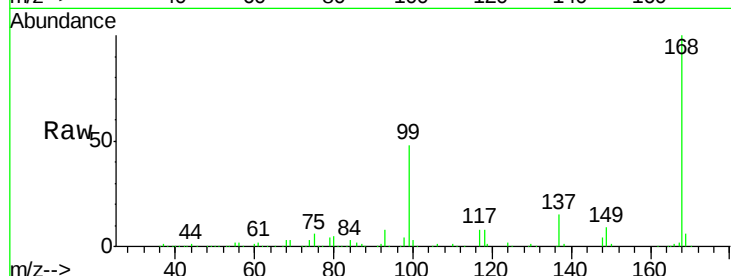
WP022RW350-180702

Tot Ion:168 Resp: 279592

Ion Ratio Lower Upper

168 100

99 48.2 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

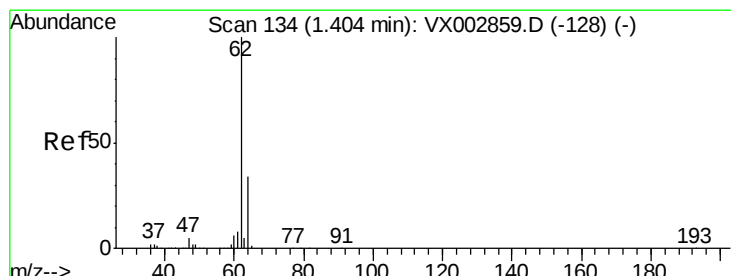
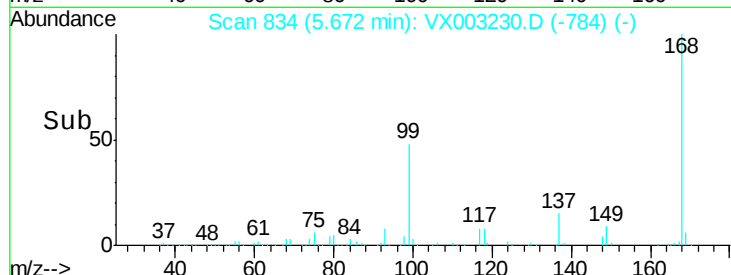
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 3.547 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003230.D

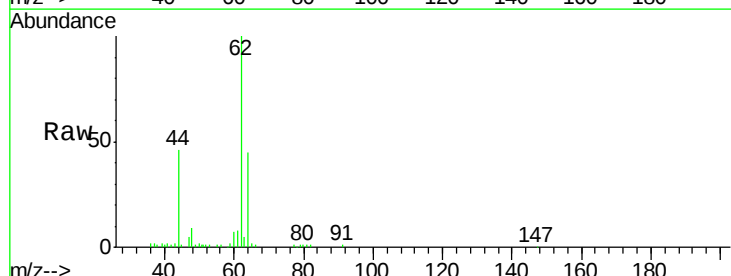
Acq: 06 Jul 2018 23:20

Tgt Ion: 62 Resp: 11214

Ion Ratio Lower Upper

62 100

64 40.6 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

12000

10000

8000

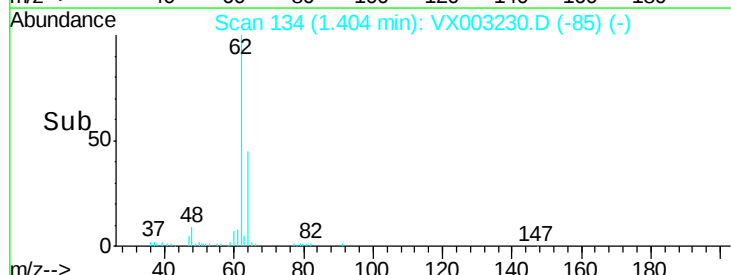
6000

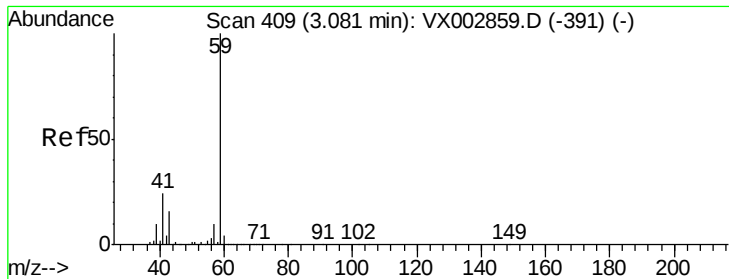
4000

2000

0

Time--> 1.35 1.40 1.45 1.50



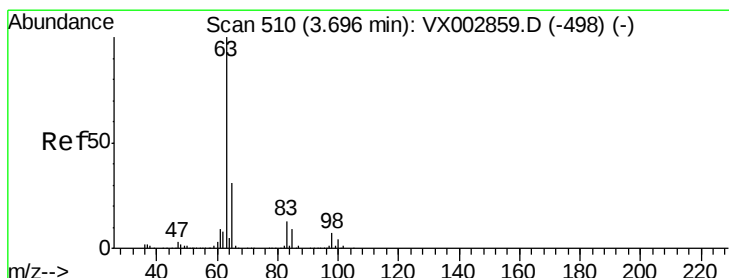
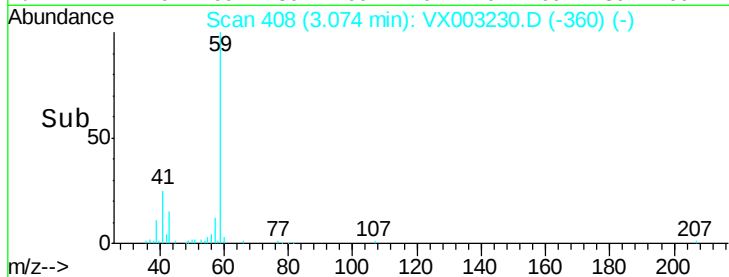
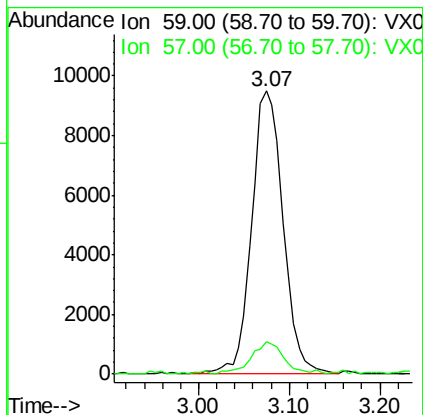
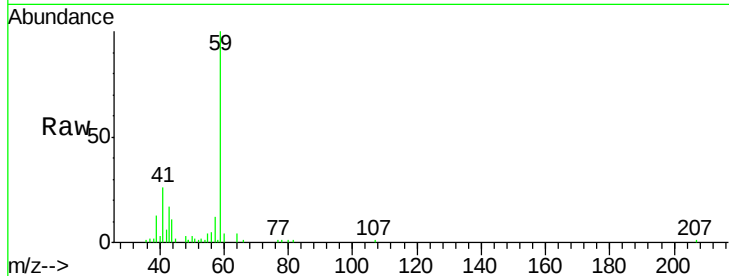


#11

Tert butyl alcohol
 Concen: 29.675 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX003230.D
 Acq: 06 Jul 2018 23:20

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW350-180702

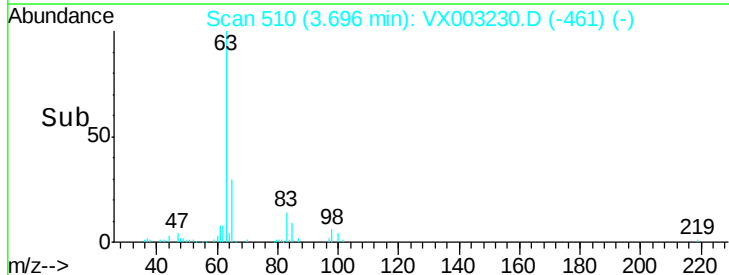
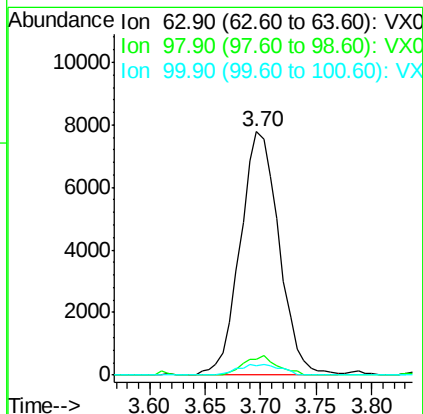
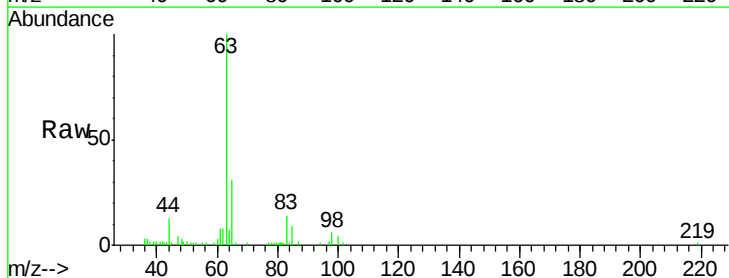
Tot Ion: 59 Resp: 22845
 Ion Ratio Lower Upper
 59 100
 57 11.6 8.2 12.2

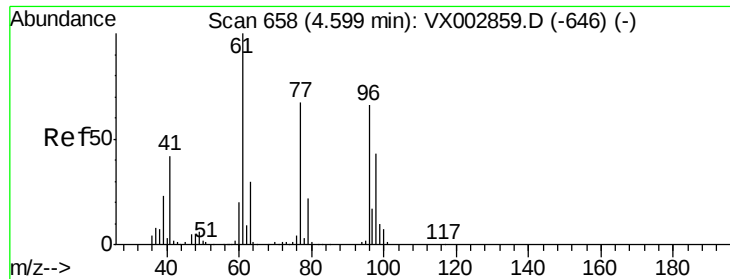


#24

1,1-Dichloroethane
 Concen: 3.339 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VX003230.D
 Acq: 06 Jul 2018 23:20

Tgt Ion: 63 Resp: 18856
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.2
 100 3.8 2.0 6.0



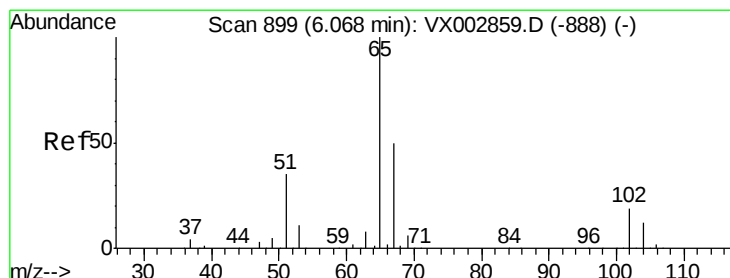
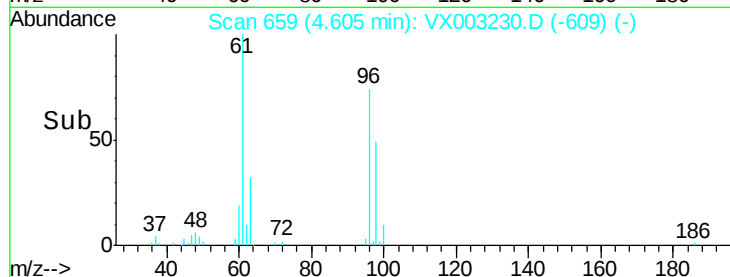
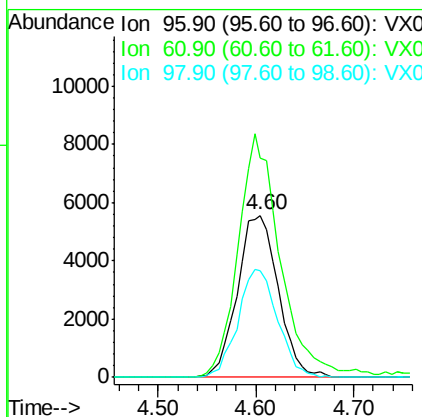
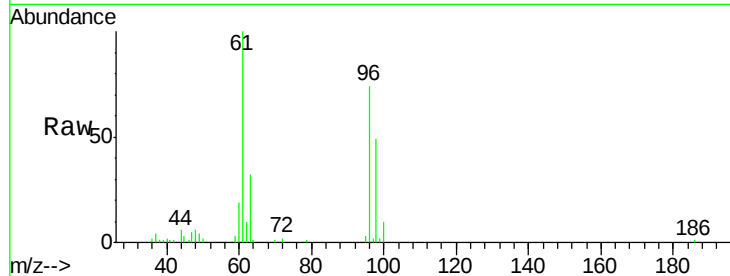


#27

cis-1,2-Dichloroethene
 Concen: 4.784 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX003230.D
 Acq: 06 Jul 2018 23:20

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW350-180702

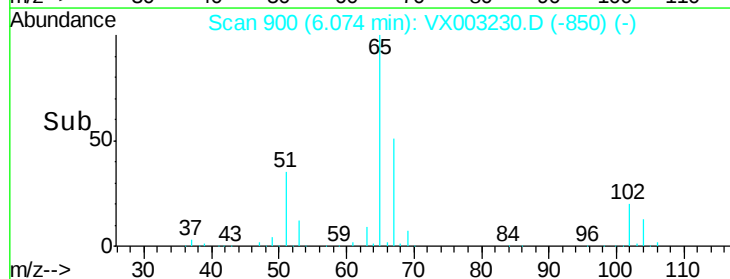
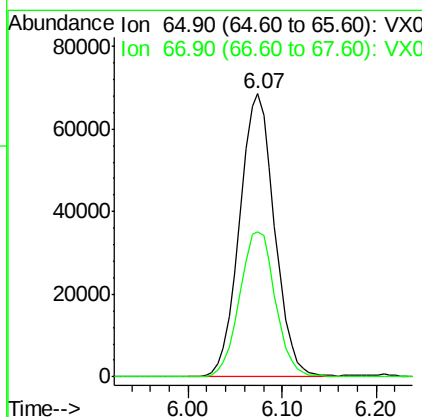
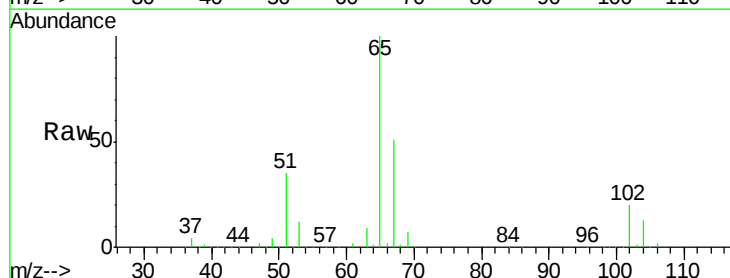
Tot Ion: 96 Resp: 16108
 Ion Ratio Lower Upper
 96 100
 61 153.5 0.0 330.2
 98 64.6 0.0 130.2

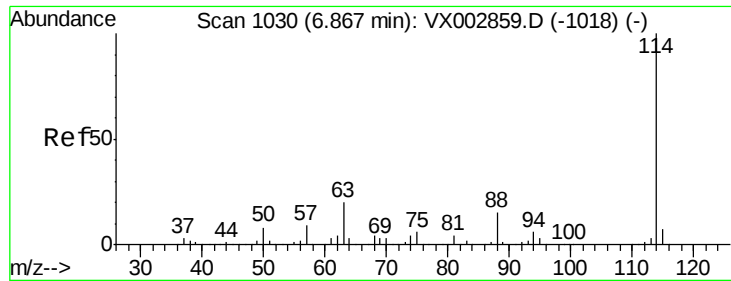


#33

1,2-Dichloroethane-d4
 Concen: 46.055 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003230.D
 Acq: 06 Jul 2018 23:20

Tgt Ion: 65 Resp: 177980
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 102.6

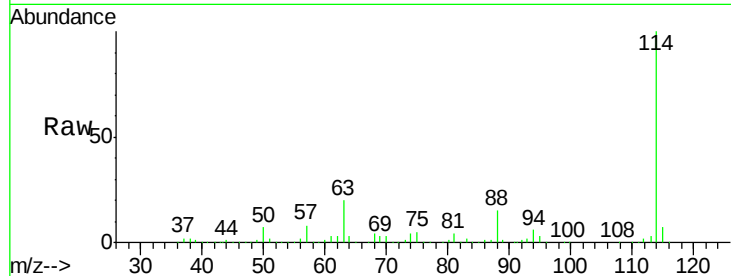




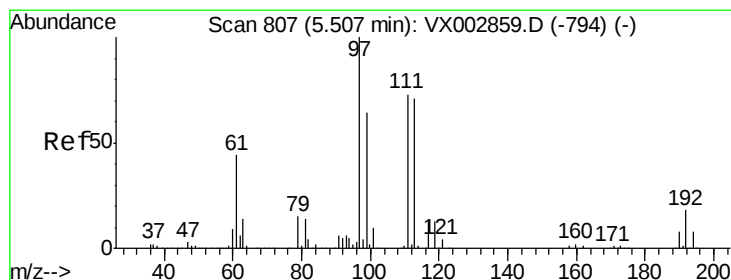
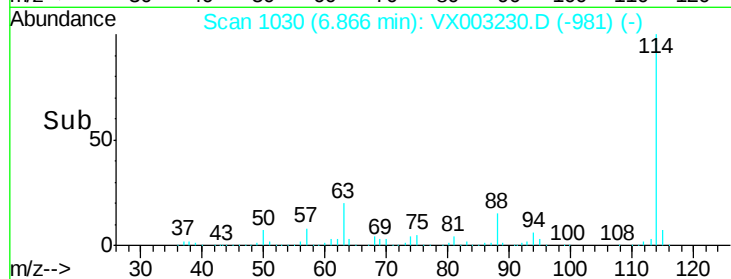
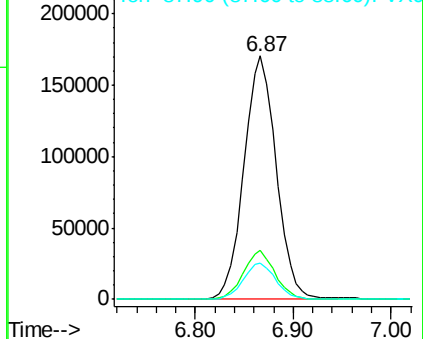
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX003230.D
Acq: 06 Jul 2018 23:20

Instrument :
MSVOA_X
ClientSampleId :
WP022RW350-180702

Tot Ion:114 Resp: 390118
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.4
88 14.7 0.0 30.0

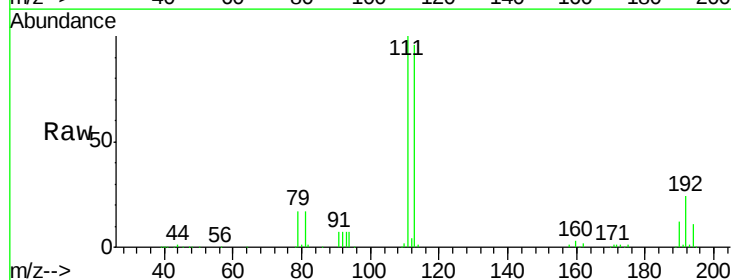


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

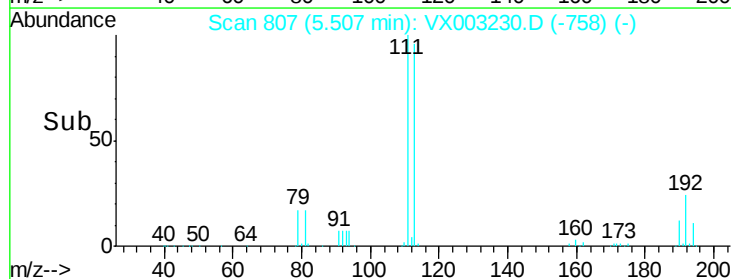
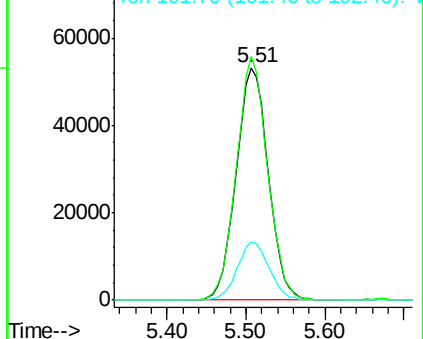


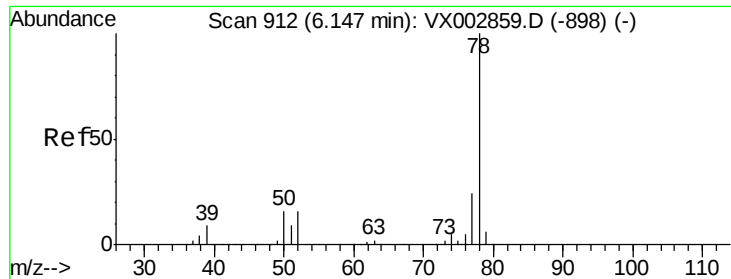
#35
Dibromofluoromethane
Concen: 48.865 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003230.D
Acq: 06 Jul 2018 23:20

Tgt Ion:113 Resp: 150961
Ion Ratio Lower Upper
113 100
111 101.5 81.4 122.0
192 24.9 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





#40

Benzene

Concen: 1.945 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX003230.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

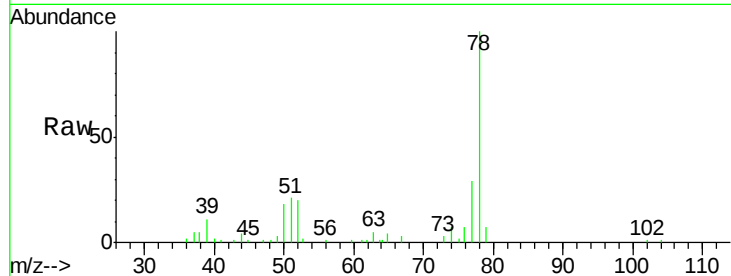
WP022RW350-180702

Tot Ion: 78 Resp: 24182

Ion Ratio Lower Upper

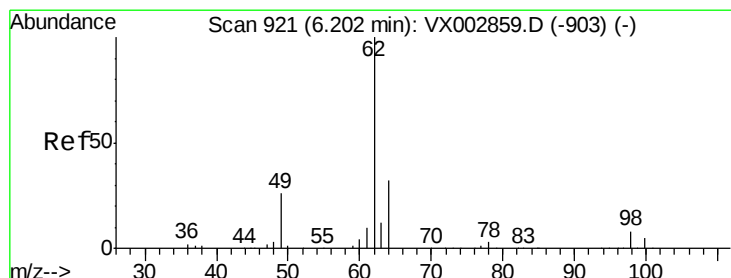
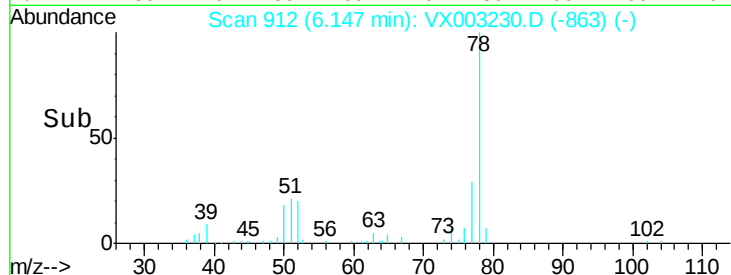
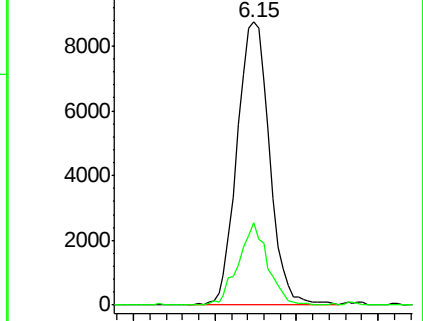
78 100

77 29.1 19.1 28.7#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#42

1,2-Dichloroethane

Concen: 5.958 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.00 min

Lab File: VX003230.D

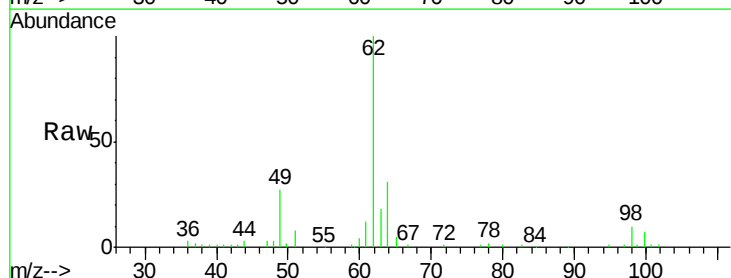
Acq: 06 Jul 2018 23:20

Tgt Ion: 62 Resp: 29915

Ion Ratio Lower Upper

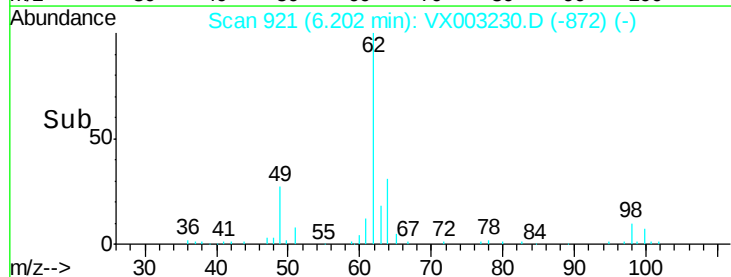
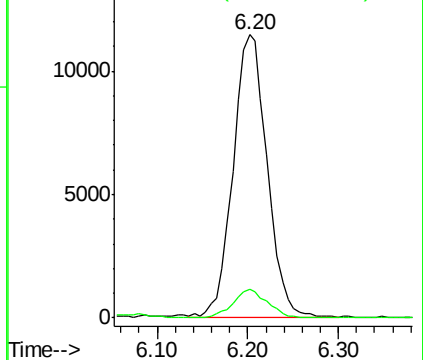
62 100

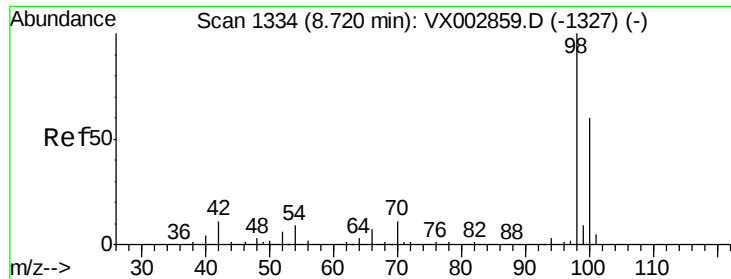
98 10.1 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#50

Toluene-d8

Concen: 47.901 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003230.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

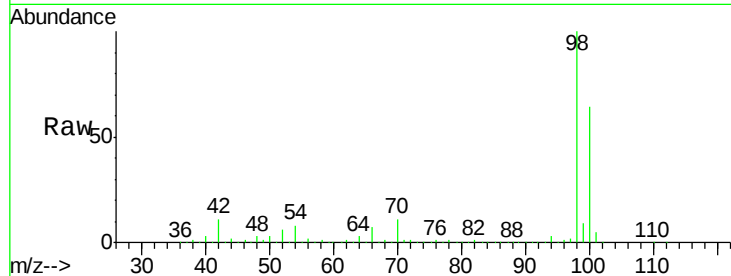
WP022RW350-180702

Tot Ion: 98 Resp: 540396

Ion Ratio Lower Upper

98 100

100 63.9 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

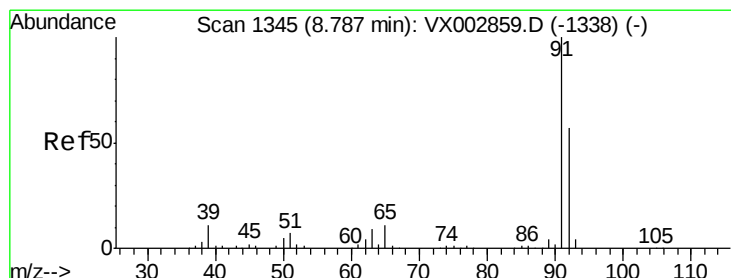
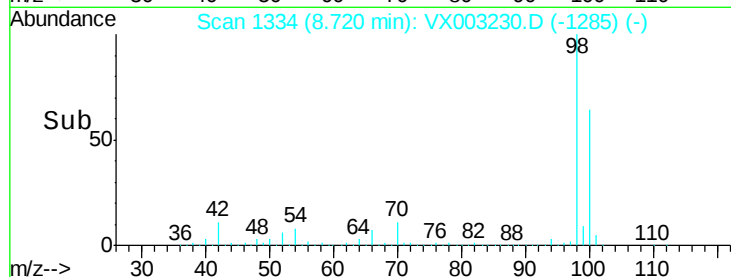
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 0.413 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003230.D

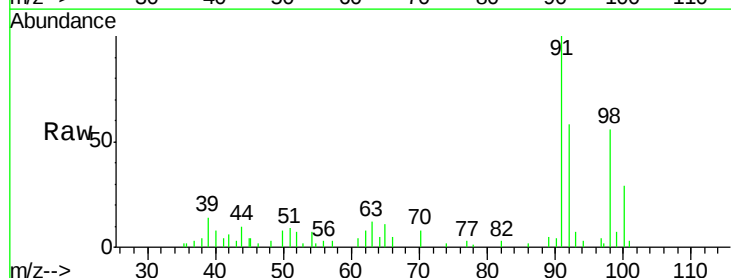
Acq: 06 Jul 2018 23:20

Tgt Ion: 92 Resp: 3292

Ion Ratio Lower Upper

92 100

91 173.0 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

4000

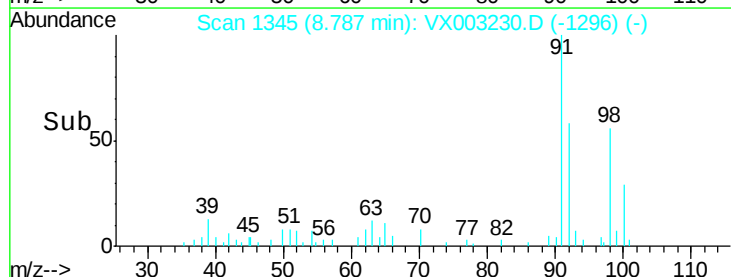
3000

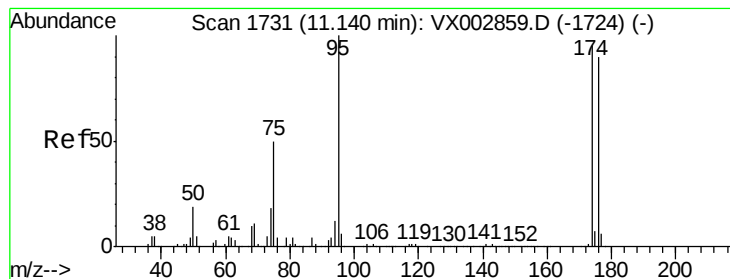
2000

1000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 45.446 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003230.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

WP022RW350-180702

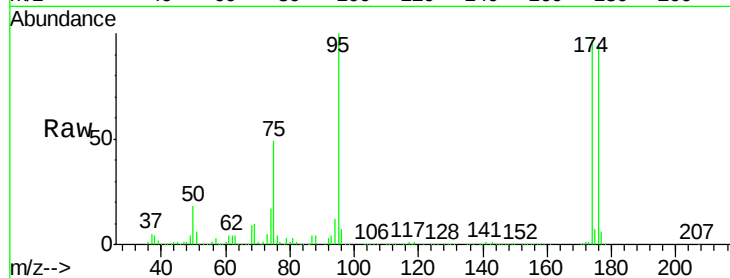
Tot Ion: 95 Resp: 197728

Ion Ratio Lower Upper

95 100

174 99.1 0.0 187.4

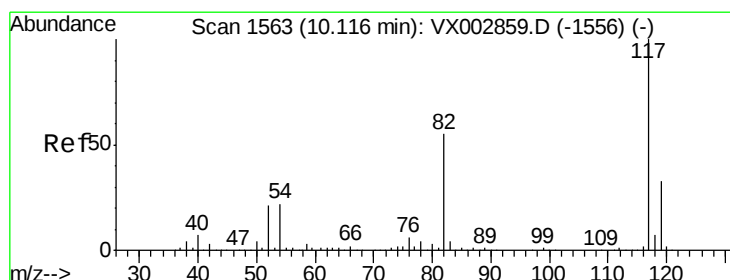
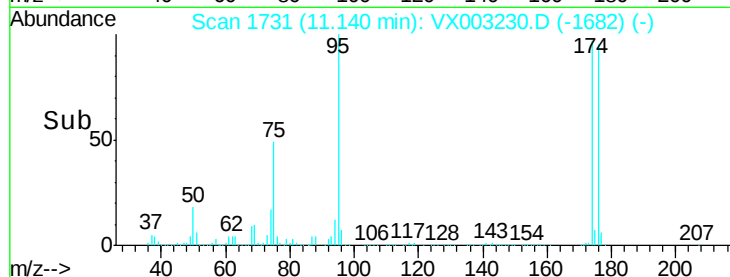
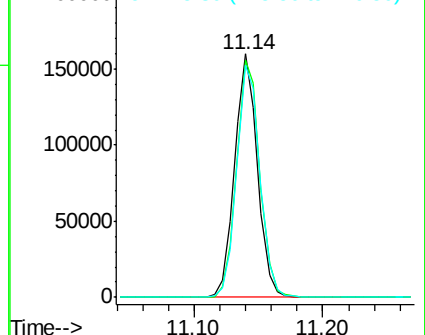
176 97.3 0.0 181.0



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: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003230.D

Acq: 06 Jul 2018 23:20

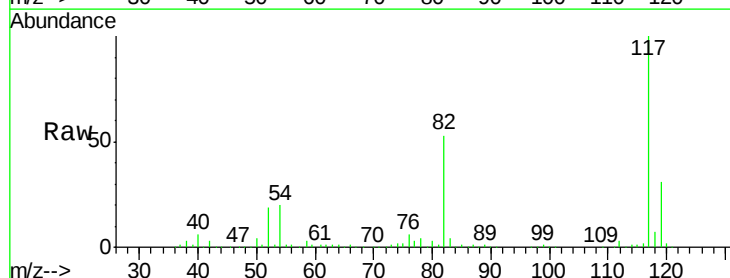
Tgt Ion: 117 Resp: 364677

Ion Ratio Lower Upper

117 100

82 52.6 45.0 67.4

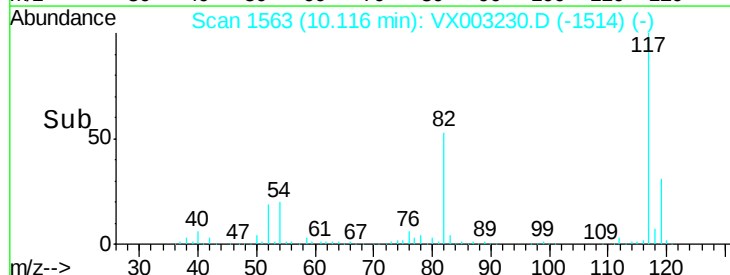
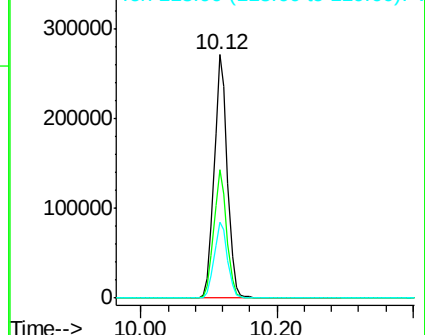
119 31.4 25.8 38.6

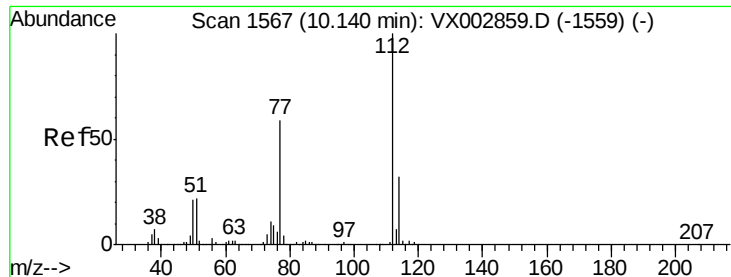


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#65

Chlorobenzene

Concen: 112.686 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX003230.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

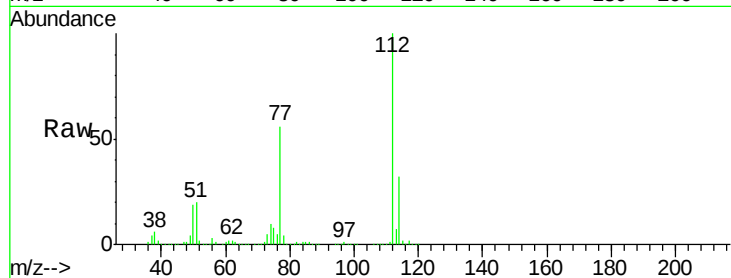
WP022RW350-180702

Tot Ion:112 Resp: 1043782

Ion Ratio Lower Upper

112 100

114 32.4 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

800000

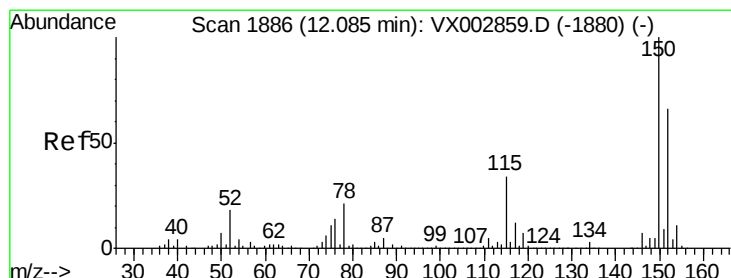
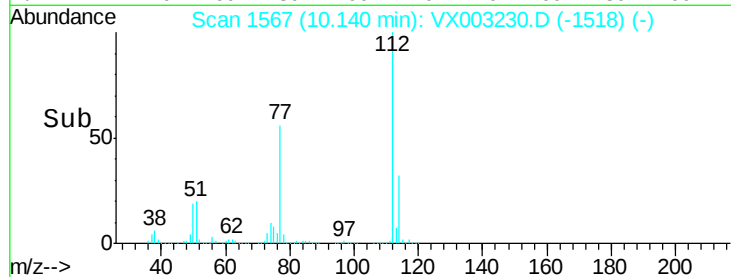
600000

400000

200000

0

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003230.D

Acq: 06 Jul 2018 23:20

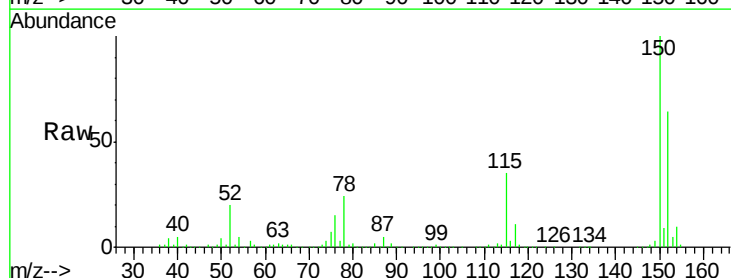
Tgt Ion:152 Resp: 200275

Ion Ratio Lower Upper

152 100

115 53.8 40.1 120.2

150 159.2 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

12.08

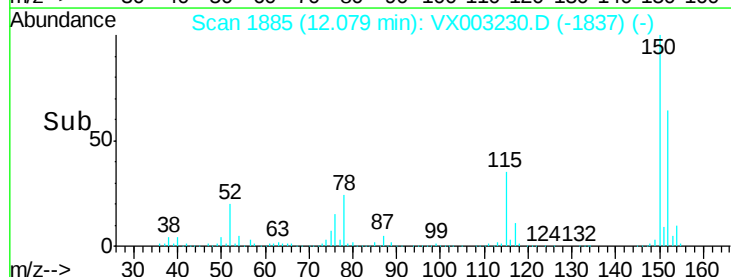
300000

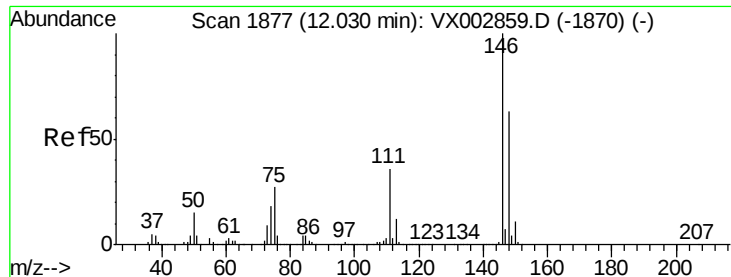
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 3.012 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003230.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

WP022RW350-180702

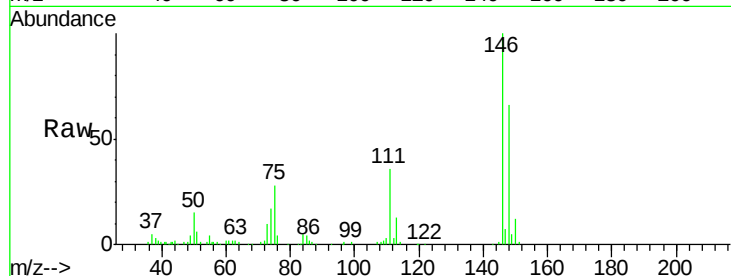
Tot Ion:146 Resp: 21104

Ion Ratio Lower Upper

146 100

111 36.4 18.9 56.7

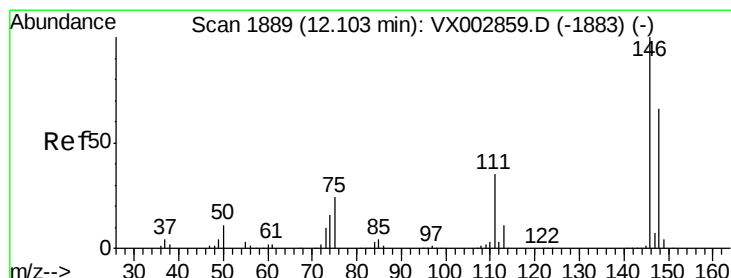
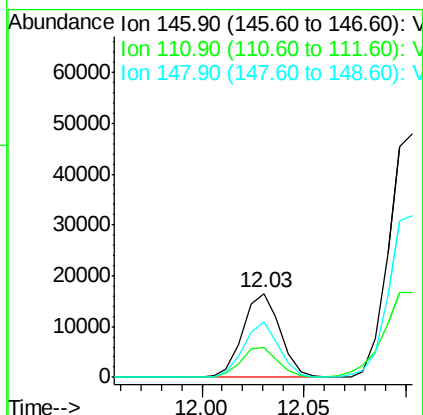
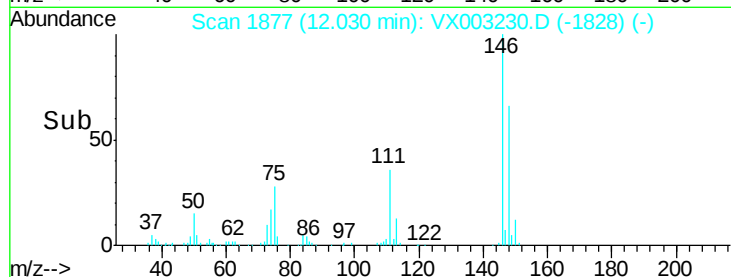
148 62.9 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 8.480 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX003230.D

Acq: 06 Jul 2018 23:20

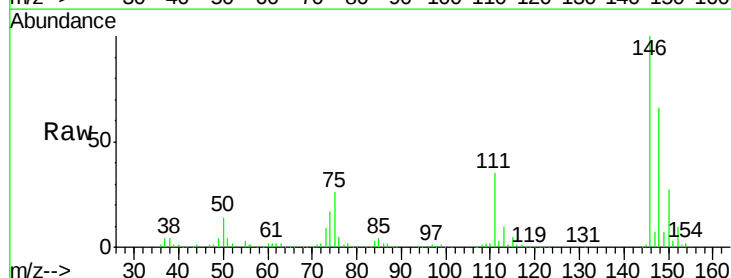
Tgt Ion:146 Resp: 61156

Ion Ratio Lower Upper

146 100

111 39.6 18.7 56.1

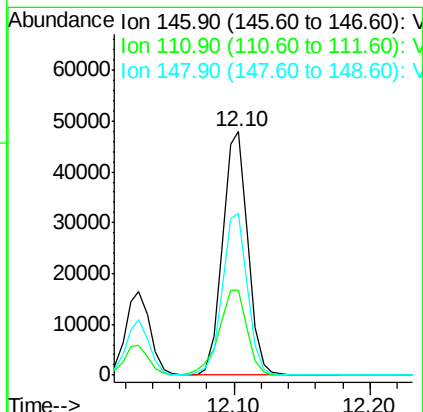
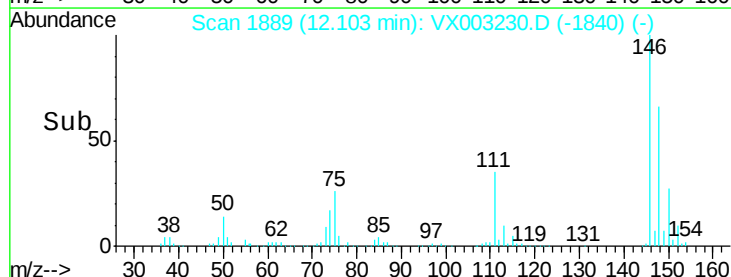
148 66.3 32.4 97.0

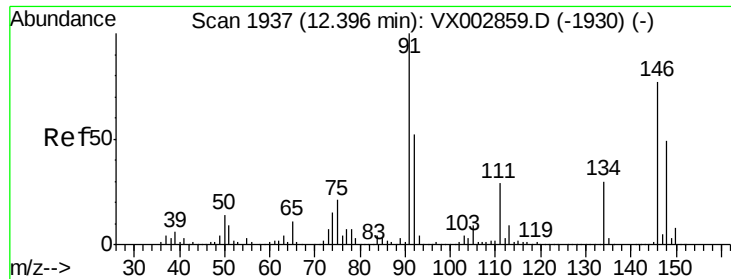


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#91

1,2-Dichlorobenzene

Concen: 11.630 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003230.D

Acq: 06 Jul 2018 23:20

Instrument :

MSVOA_X

ClientSampleId :

WP022RW350-180702

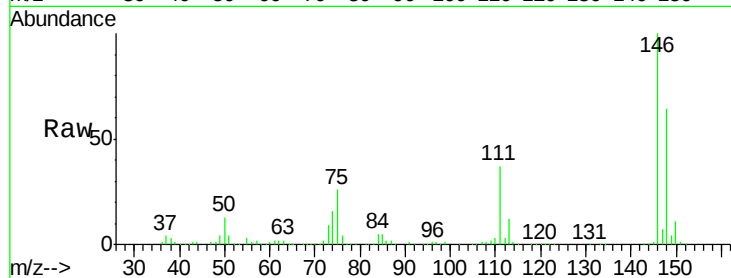
Tot Ion:146 Resp: 82253

Ion Ratio Lower Upper

146 100

111 37.9 19.4 58.1

148 65.3 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

