

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042318\
 Data File : VX001069.D
 Acq On : 23 Apr 2018 19:44
 Operator : JC/MD
 Sample : J2464-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0446-180418

Quant Time: Apr 24 08:35:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	196768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	280648	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	251809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	146469	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	133307	53.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.88%	
35) Dibromofluoromethane	5.51	113	101289	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
50) Toluene-d8	8.72	98	391680	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.14	95	139936	42.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.28%	

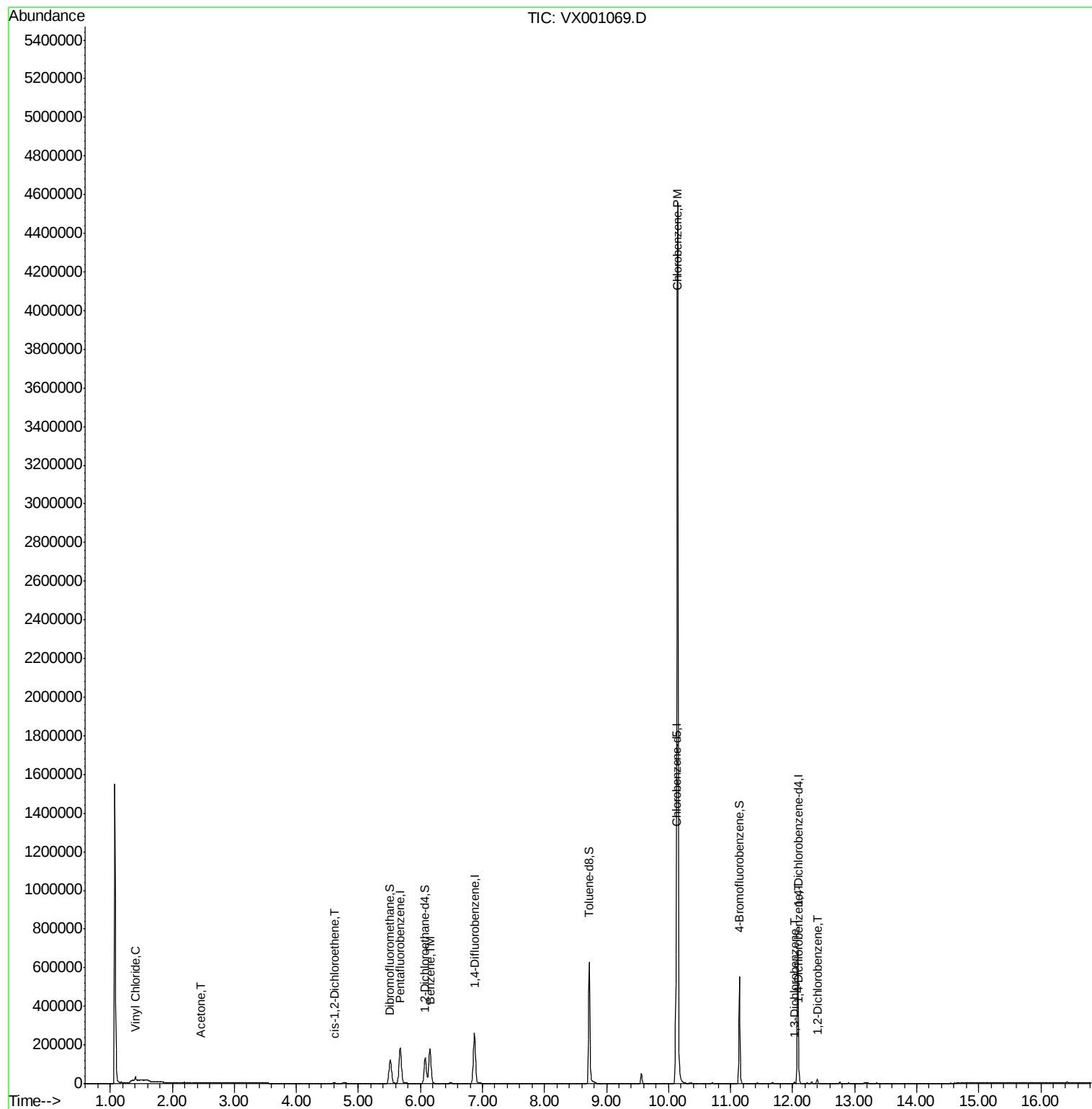
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	14267	6.06	ug/l	98
16) Acetone	2.45	43	2520	2.68	ug/l	# 82
27) cis-1,2-Dichloroethene	4.60	96	2947	1.24	ug/l	86
40) Benzene	6.15	78	214085	23.35	ug/l	99
65) Chlorobenzene	10.15	112	2029911	302.75	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	2375	0.46	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	12647	2.37	ug/l	87
91) 1,2-Dichlorobenzene	12.40	146	6804	1.35	ug/l	94

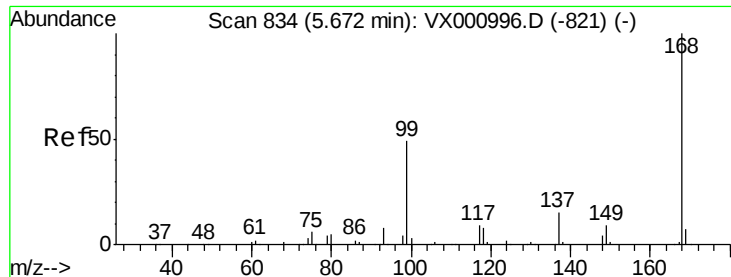
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001069.D

Acq: 23 Apr 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

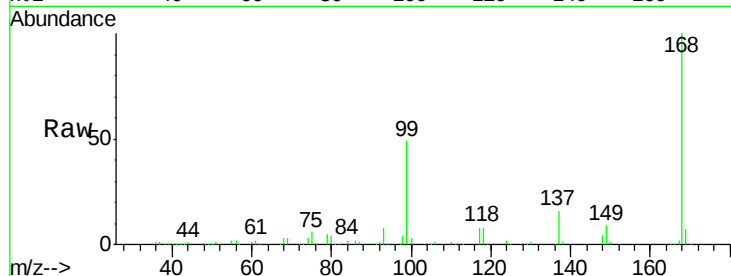
DUP-0446-180418

Tot Ion:168 Resp: 196768

Ion Ratio Lower Upper

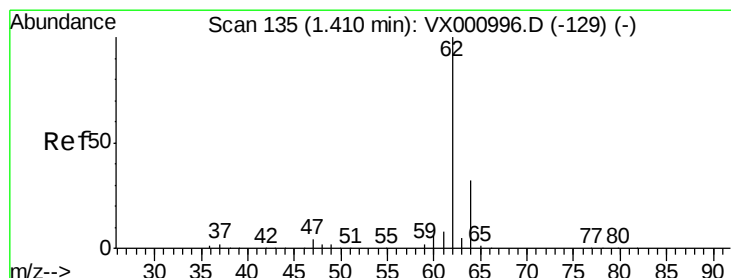
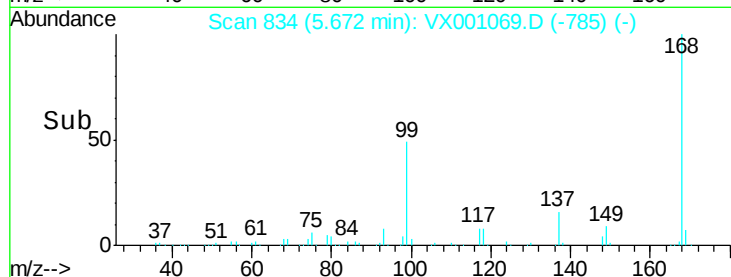
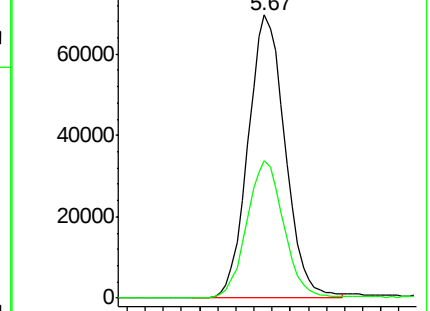
168 100

99 48.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 6.06 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001069.D

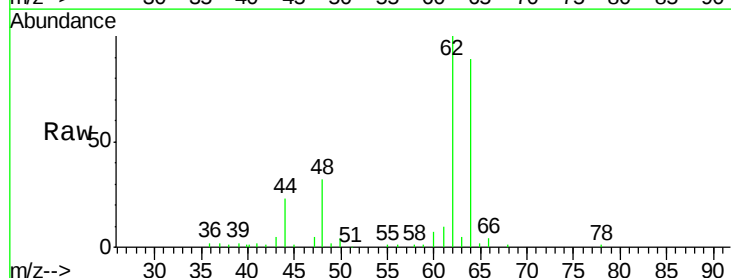
Acq: 23 Apr 2018 19:44

Tgt Ion: 62 Resp: 14267

Ion Ratio Lower Upper

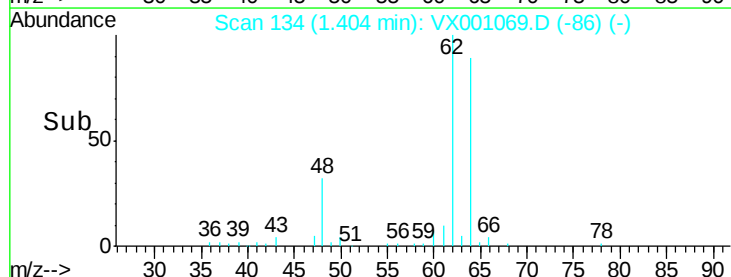
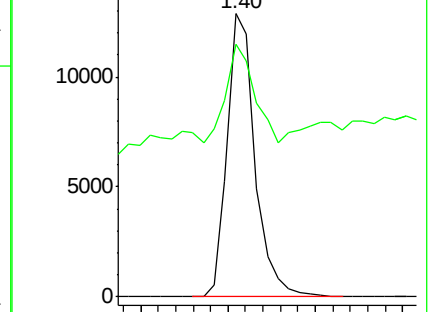
62 100

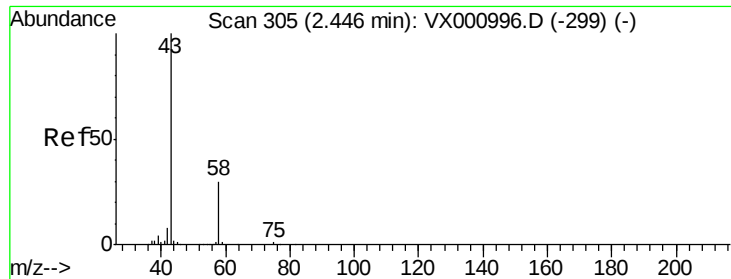
64 31.1 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 2.68 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001069.D

Acq: 23 Apr 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

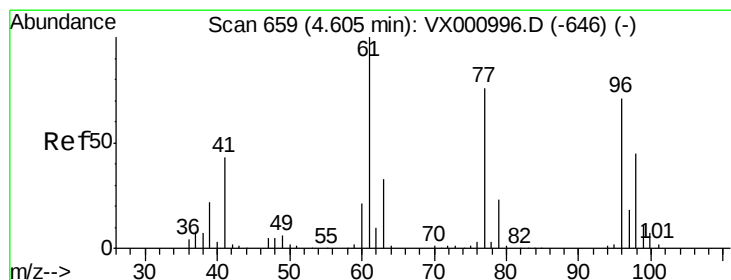
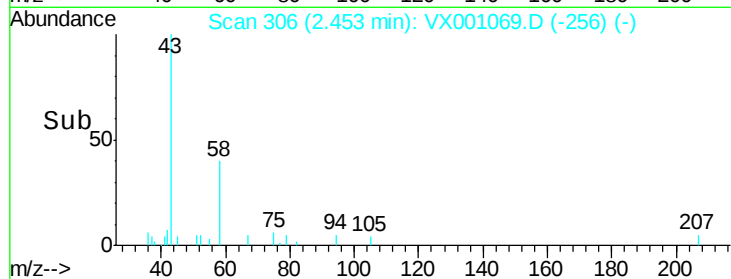
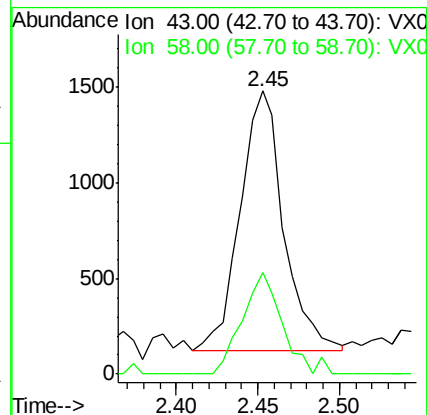
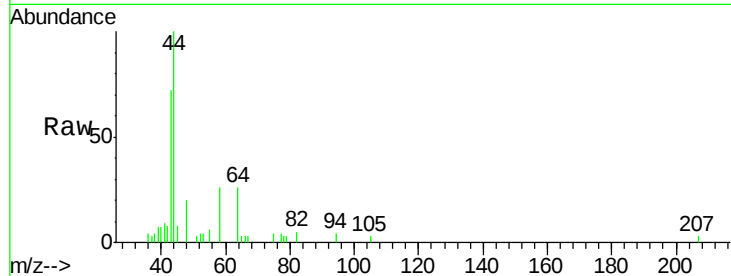
DUP-0446-180418

Tot Ion: 43 Resp: 2520

Ion Ratio Lower Upper

43 100

58 39.2 23.7 35.5#



#27

cis-1,2-Dichloroethene

Concen: 1.24 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001069.D

Acq: 23 Apr 2018 19:44

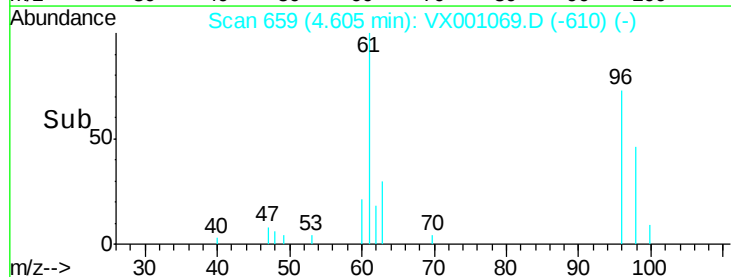
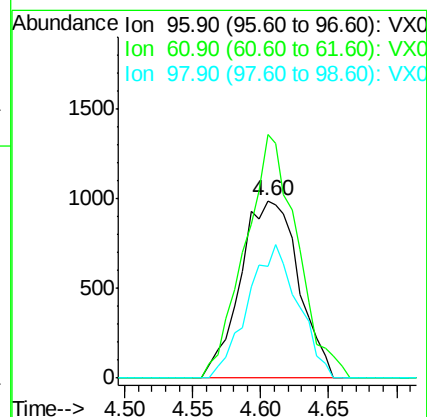
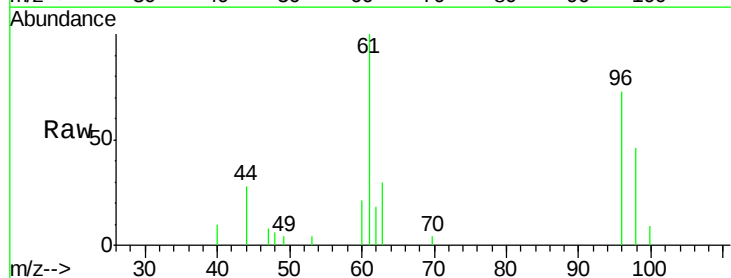
Tgt Ion: 96 Resp: 2947

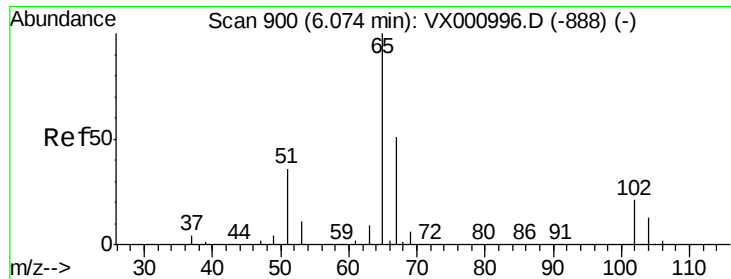
Ion Ratio Lower Upper

96 100

61 123.5 0.0 297.0

98 64.9 0.0 130.0





#33

1,2-Dichloroethane-d4

Concen: 53.44 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001069.D

Acq: 23 Apr 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

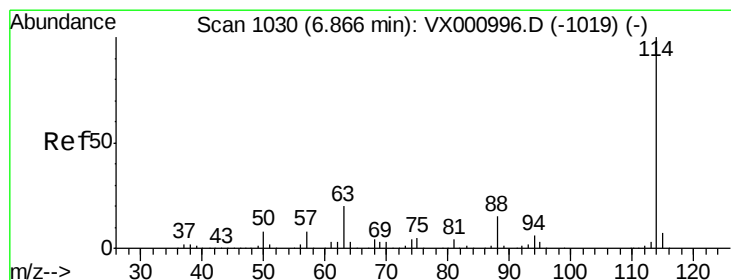
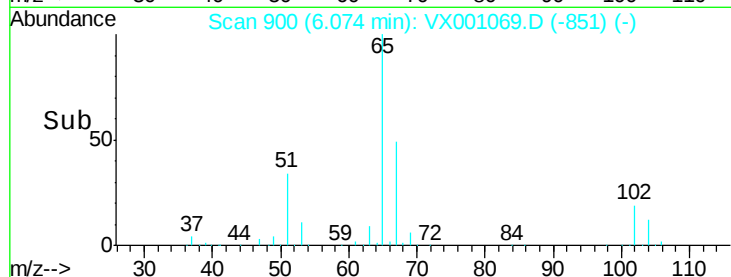
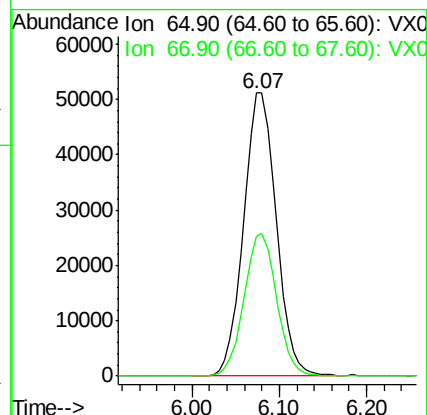
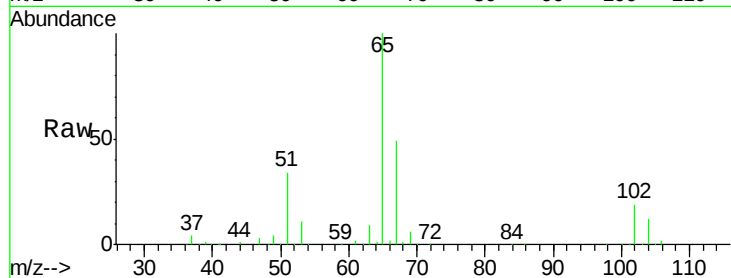
DUP-0446-180418

Tot Ion: 65 Resp: 133307

Ion Ratio Lower Upper

65 100

67 50.2 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001069.D

Acq: 23 Apr 2018 19:44

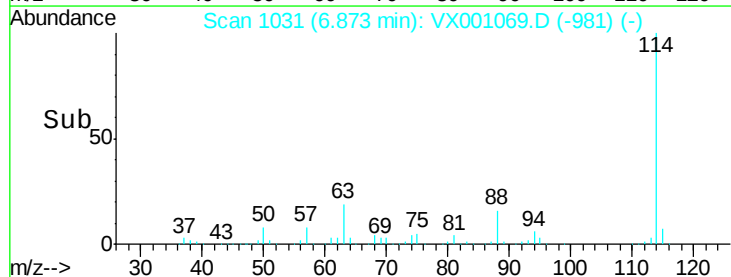
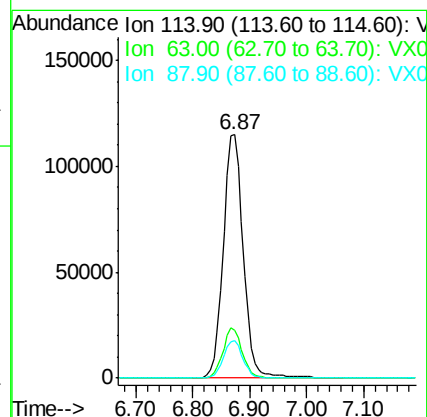
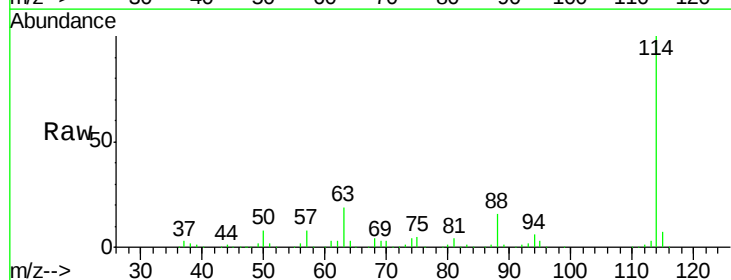
Tgt Ion: 114 Resp: 280648

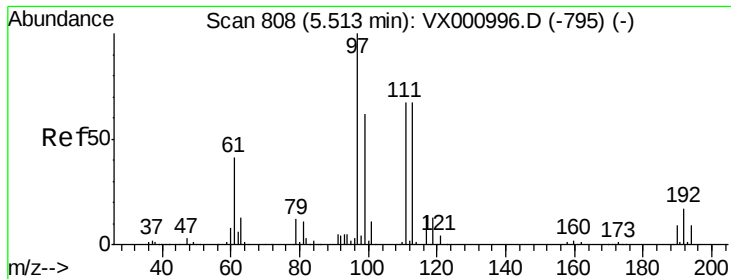
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.4

88 15.5 0.0 29.8

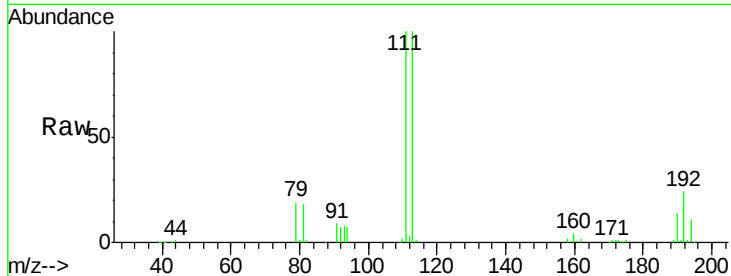




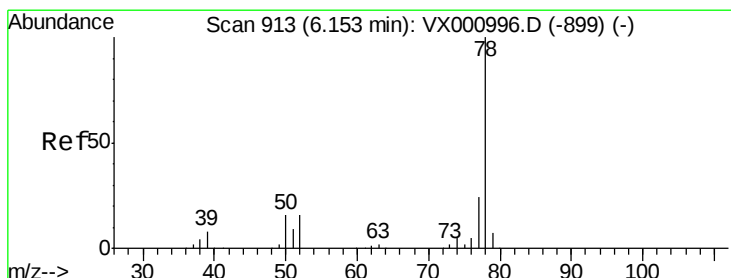
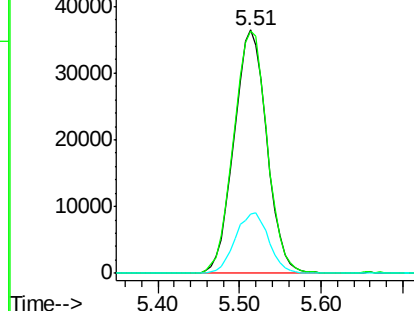
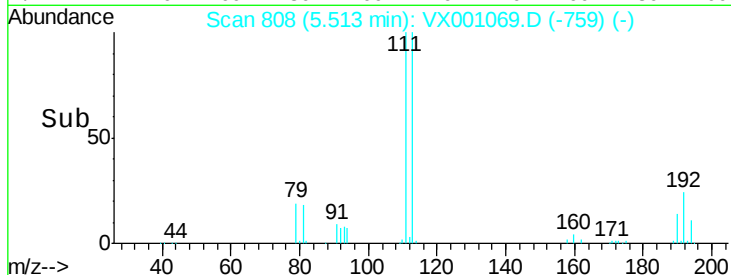
#35
 Dibromofluoromethane
 Concen: 47.33 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001069.D
 Acq: 23 Apr 2018 19:44

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0446-180418

Tot Ion:113 Resp: 101289
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.4 122.2
 192 25.3 20.4 30.6

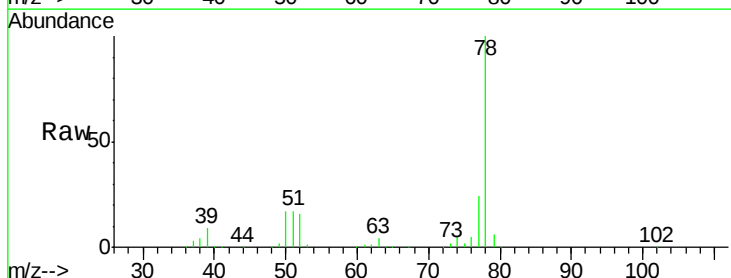


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

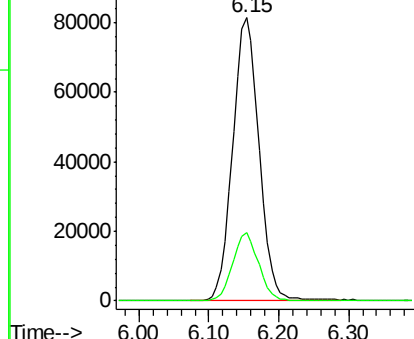
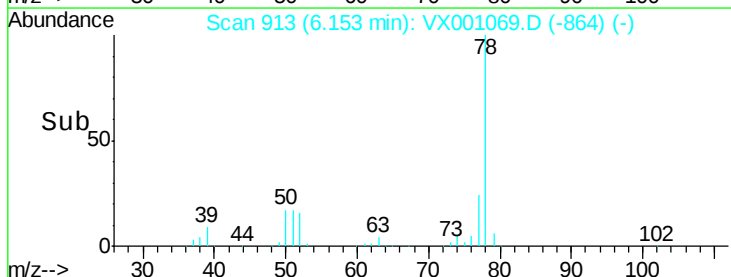


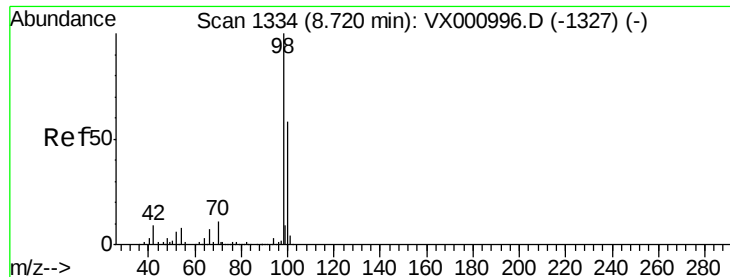
#40
 Benzene
 Concen: 23.35 ug/l
 RT: 6.15 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: VX001069.D
 Acq: 23 Apr 2018 19:44

Tgt Ion: 78 Resp: 214085
 Ion Ratio Lower Upper
 78 100
 77 24.0 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0
 Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 49.50 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001069.D

Acq: 23 Apr 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

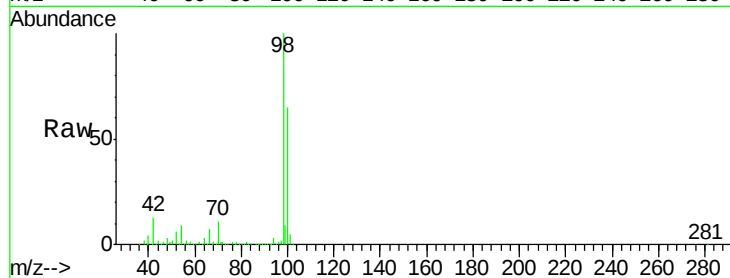
DUP-0446-180418

Tot Ion: 98 Resp: 391680

Ion Ratio Lower Upper

98 100

100 63.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

250000

200000

150000

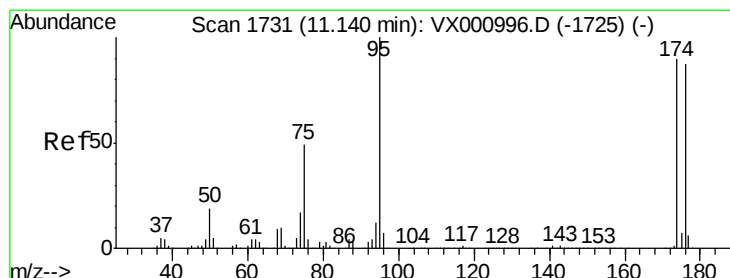
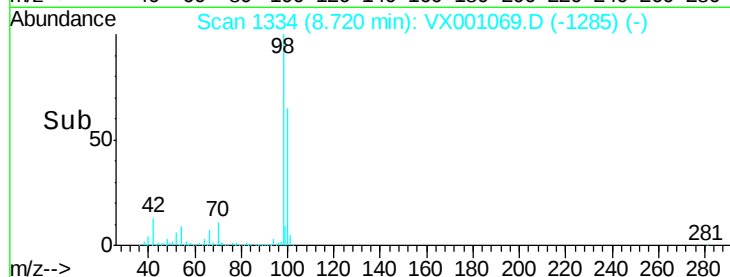
100000

50000

0

8.60 8.80 9.00

Time-->



#62

4-Bromofluorobenzene

Concen: 42.14 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001069.D

Acq: 23 Apr 2018 19:44

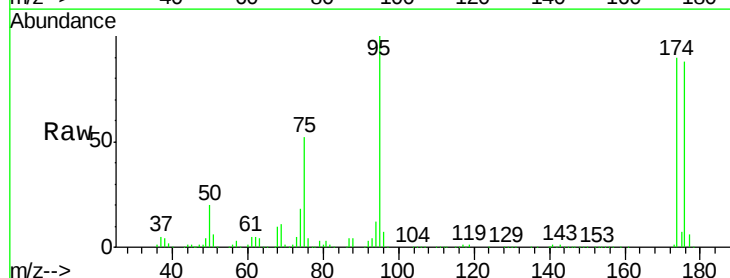
Tgt Ion: 95 Resp: 139936

Ion Ratio Lower Upper

95 100

174 98.0 0.0 198.4

176 95.3 0.0 192.0



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

150000

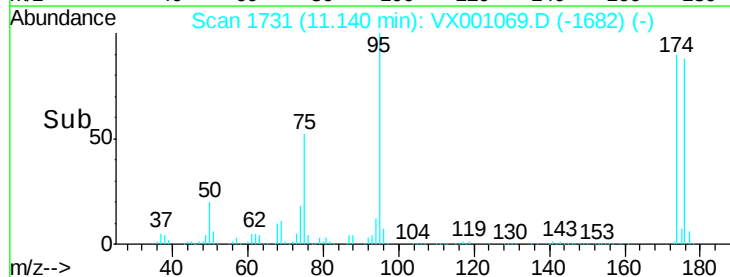
100000

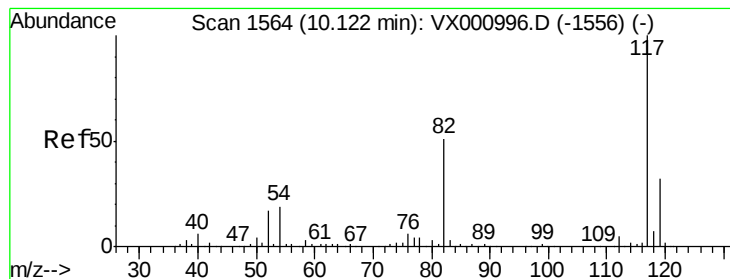
50000

0

11.10 11.20

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX001069.D

Acq: 23 Apr 2018 19:44

Instrument :

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ClientSampleId :

DUP-0446-180418

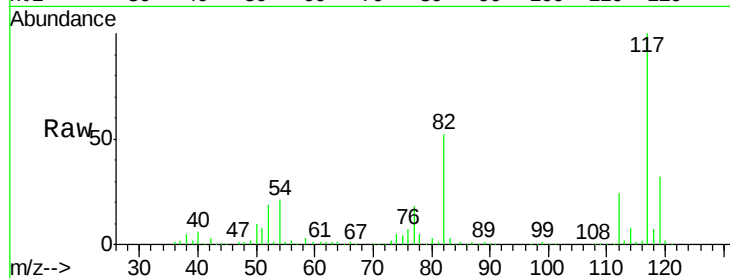
Tot Ion:117 Resp: 251809

Ion Ratio Lower Upper

117 100

82 52.5 40.6 60.8

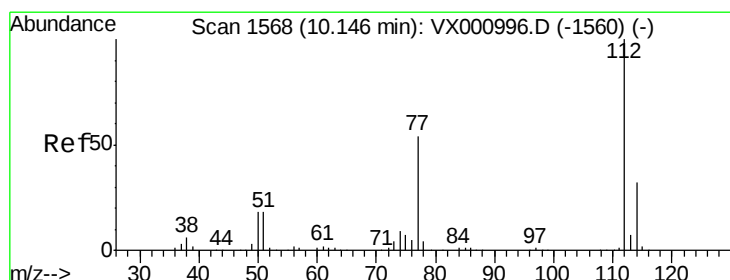
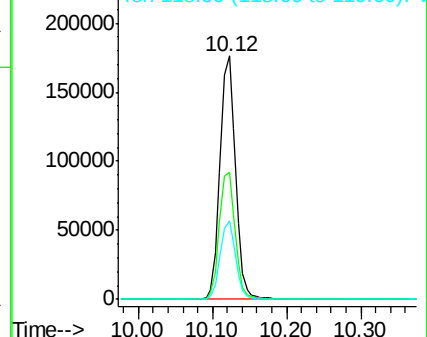
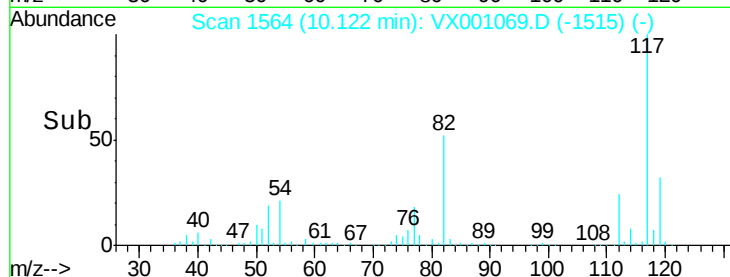
119 32.0 26.0 39.0



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: 302.75 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001069.D

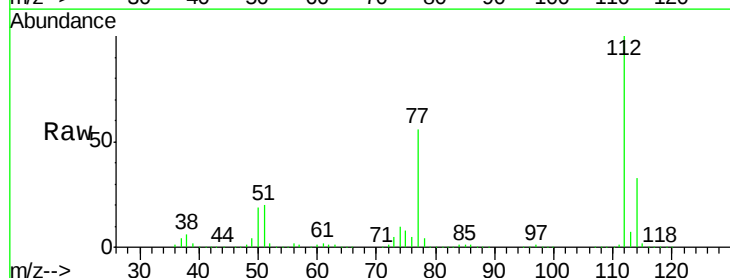
Acq: 23 Apr 2018 19:44

Tgt Ion:112 Resp: 2029911

Ion Ratio Lower Upper

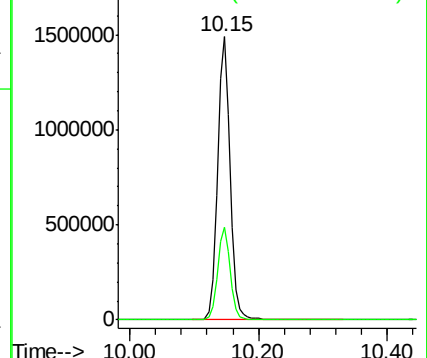
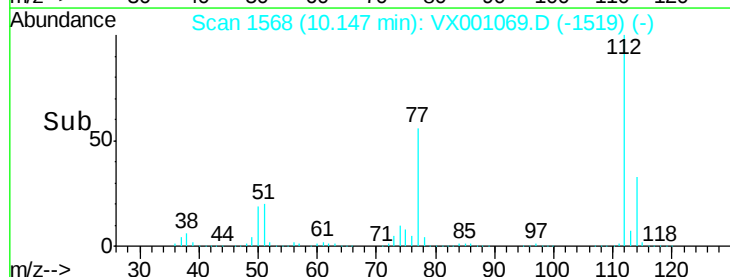
112 100

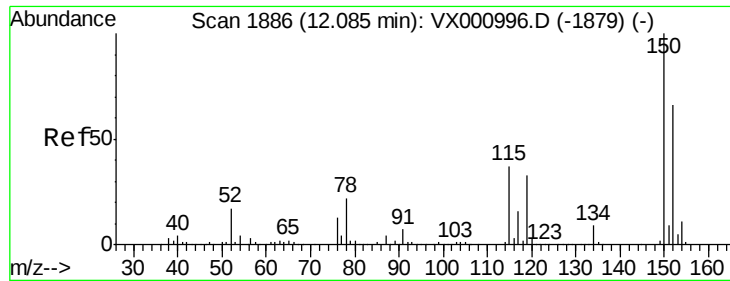
114 32.8 25.5 38.3



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: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001069.D

Acq: 23 Apr 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

DUP-0446-180418

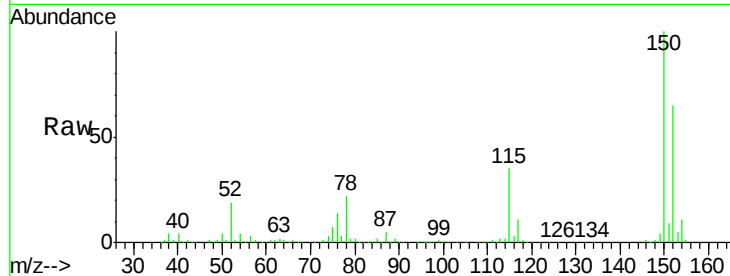
Tot Ion:152 Resp: 146469

Ion Ratio Lower Upper

152 100

115 53.0 38.2 114.6

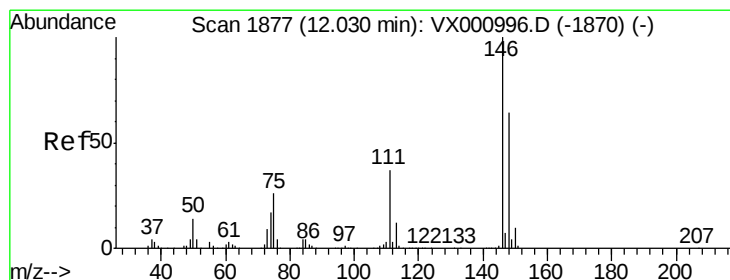
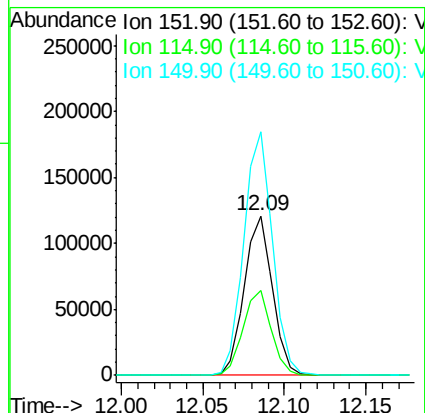
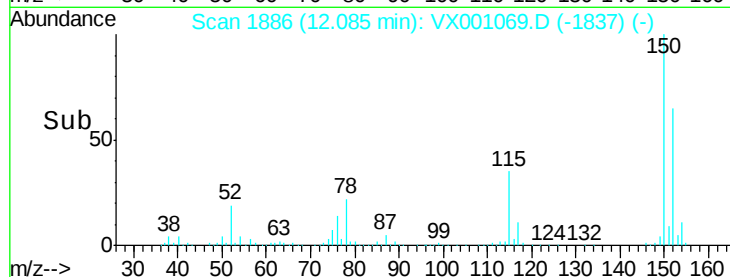
150 155.1 0.0 350.4



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



#87

1,3-Dichlorobenzene

Concen: 0.46 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001069.D

Acq: 23 Apr 2018 19:44

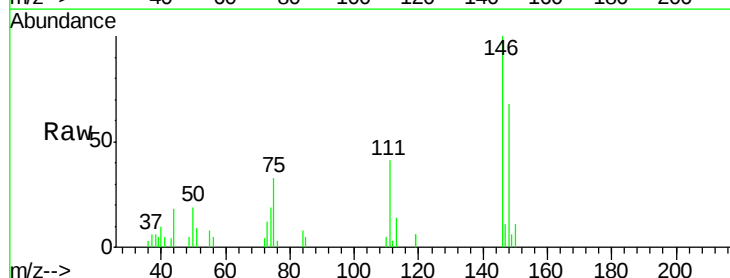
Tgt Ion:146 Resp: 2375

Ion Ratio Lower Upper

146 100

111 37.3 18.3 54.8

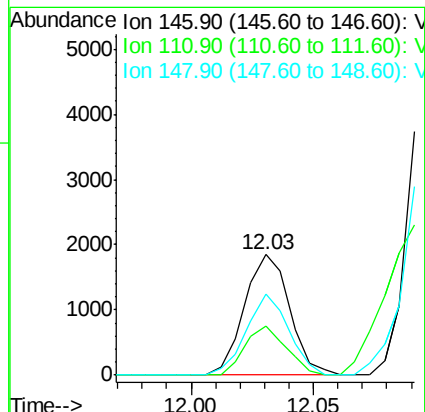
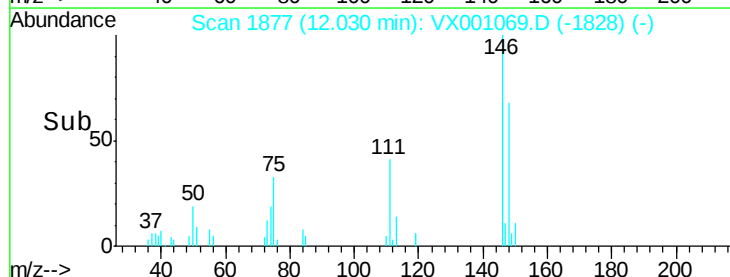
148 63.5 32.2 96.6

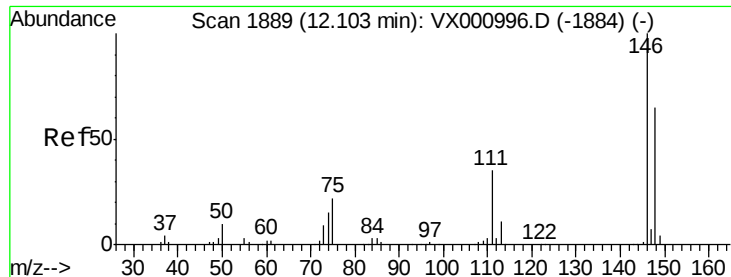


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 2.37 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001069.D

Acq: 23 Apr 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

DUP-0446-180418

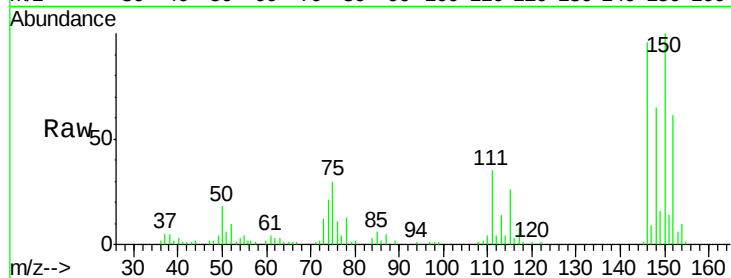
Tot Ion:146 Resp: 12647

Ion Ratio Lower Upper

146 100

111 50.0 18.0 54.0

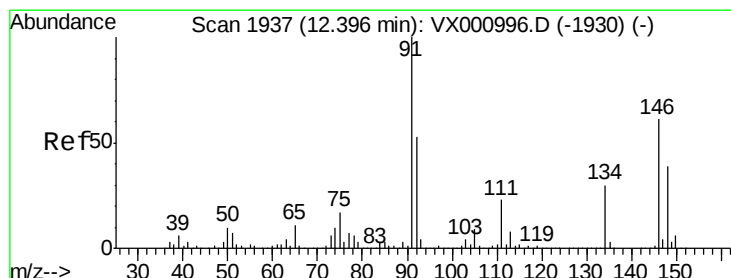
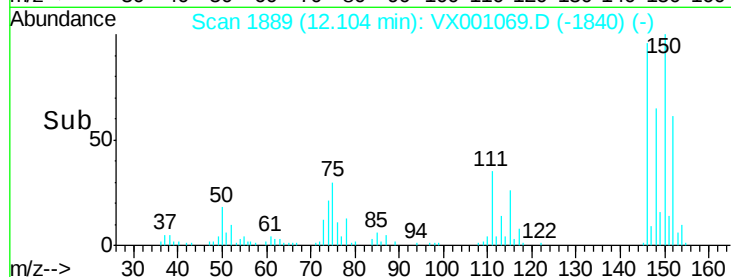
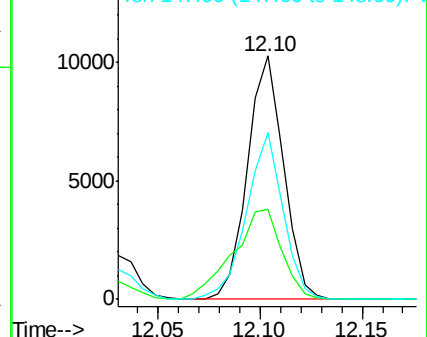
148 69.7 32.4 97.0



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: 1.35 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001069.D

Acq: 23 Apr 2018 19:44

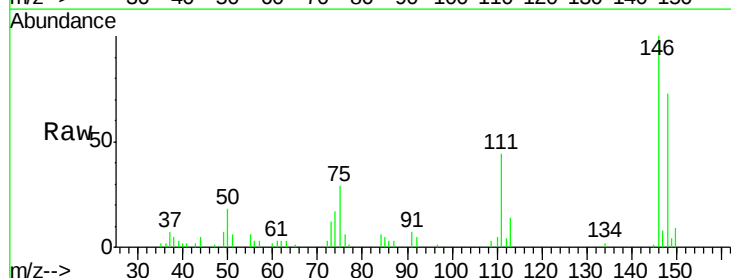
Tgt Ion:146 Resp: 6804

Ion Ratio Lower Upper

146 100

111 40.8 18.6 56.0

148 69.5 32.3 96.8



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

