

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042718\
 Data File : VX001197.D
 Acq On : 28 Apr 2018 03:33
 Operator : JC/MD
 Sample : J2464-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0446-180418

Quant Time: Apr 28 06:00:52 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	198053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	273172	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	251684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	146961	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	155484	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
35) Dibromofluoromethane	5.51	113	122916	54.36	ug/l	0.00
Spiked Amount			Recovery	=	108.72%	
50) Toluene-d8	8.72	98	468424	54.90	ug/l	0.00
Spiked Amount			Recovery	=	109.80%	
62) 4-Bromofluorobenzene	11.14	95	164192	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	

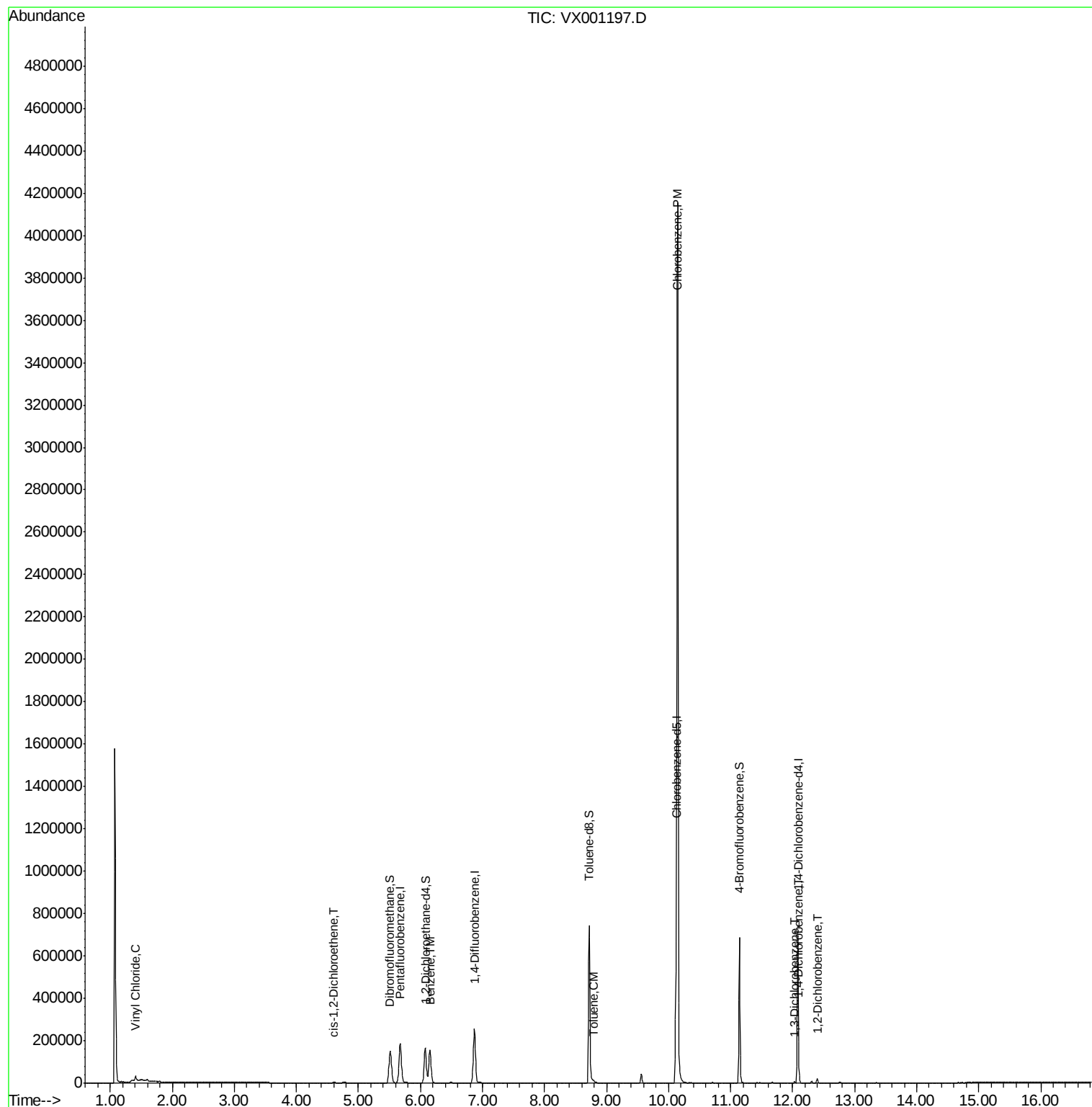
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	14576	6.32	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	2885	1.19	ug/l	90
40) Benzene	6.15	78	186268	21.39	ug/l	98
52) Toluene	8.79	92	1142	0.20	ug/l	92
65) Chlorobenzene	10.15	112	1834693	278.24	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	2100	0.41	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	11446	2.15	ug/l	86
91) 1,2-Dichlorobenzene	12.40	146	7278	1.41	ug/l	98

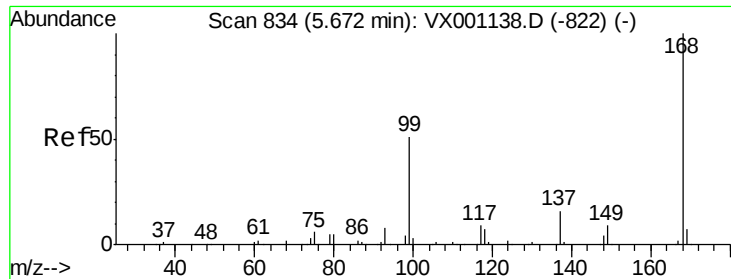
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 27 01:51:42 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: VX001197.D

Acq: 28 Apr 2018 03:33

Instrument :

MSVOA_X

ClientSampleId :

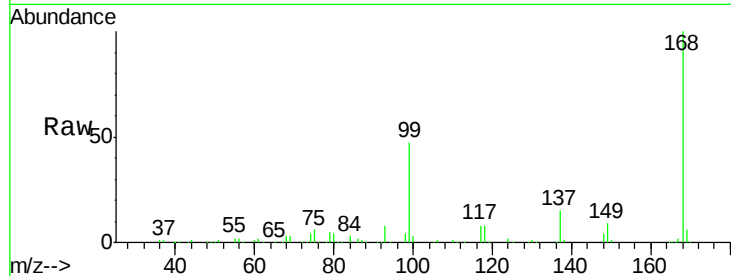
DUP-0446-180418

Tot Ion:168 Resp: 198053

Ion Ratio Lower Upper

168 100

99 46.7 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

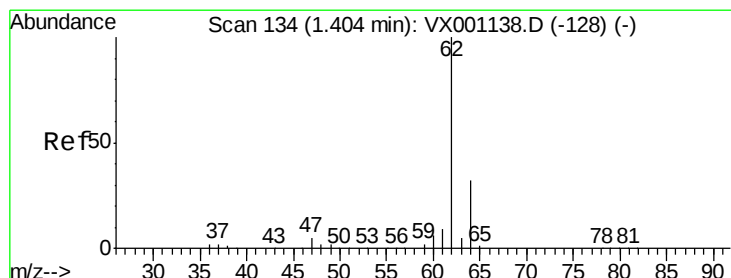
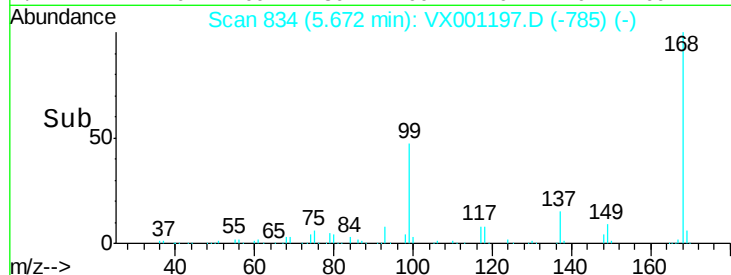
40000

20000

0

5.60 5.70 5.80

Time-->



#4

Vinyl Chloride

Concen: 6.32 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001197.D

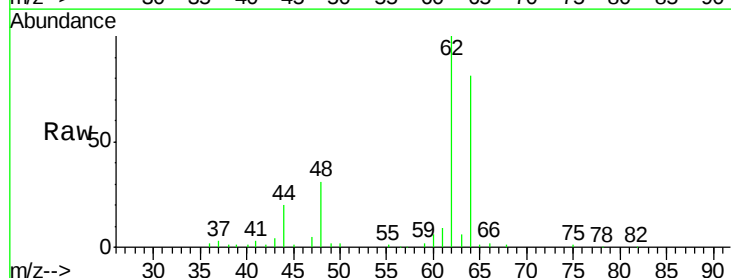
Acq: 28 Apr 2018 03:33

Tgt Ion: 62 Resp: 14576

Ion Ratio Lower Upper

62 100

64 33.3 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

15000

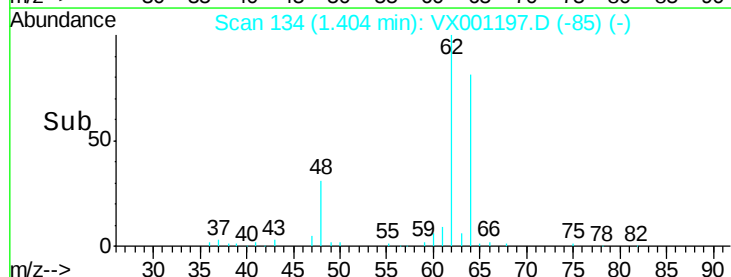
10000

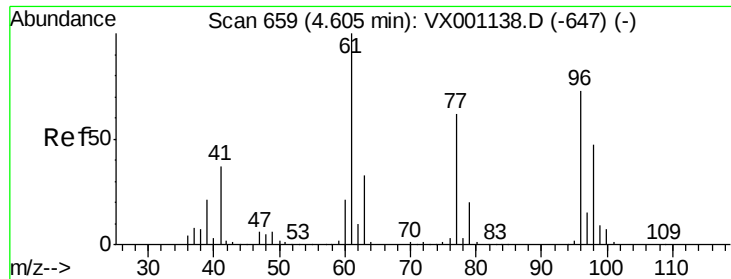
5000

0

1.35 1.40 1.45 1.50

Time-->





#27

cis-1,2-Dichloroethene

Concen: 1.19 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001197.D

Acq: 28 Apr 2018 03:33

Instrument :

MSVOA_X

ClientSampleId :

DUP-0446-180418

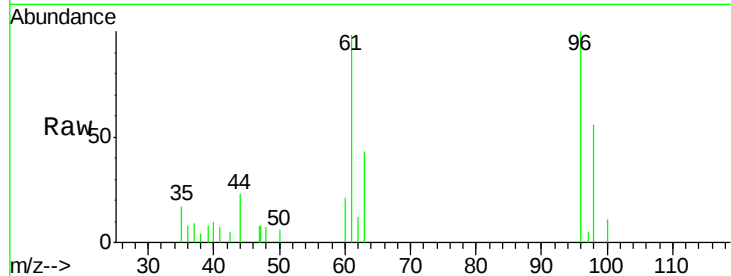
Tot Ion: 96 Resp: 2885

Ion Ratio Lower Upper

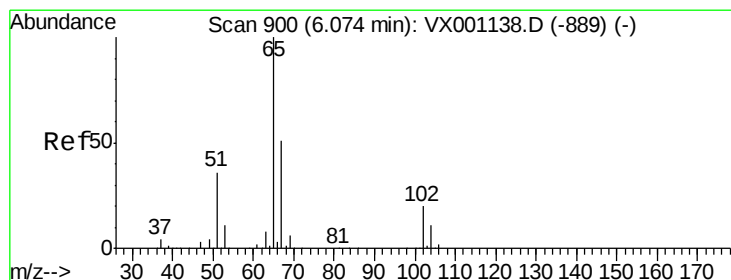
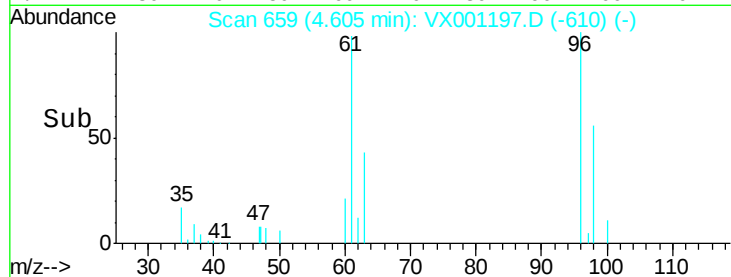
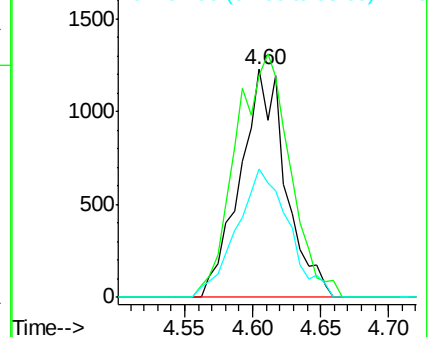
96 100

61 126.8 0.0 289.0

98 63.9 0.0 128.2



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: 50.65 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001197.D

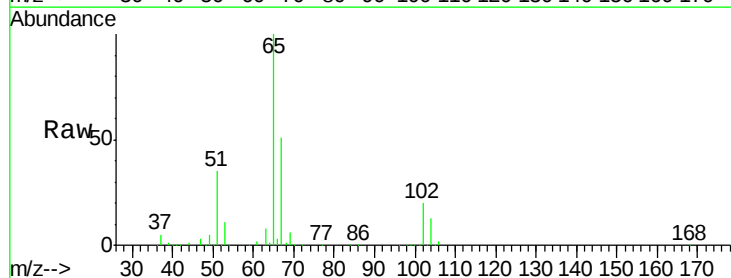
Acq: 28 Apr 2018 03:33

Tgt Ion: 65 Resp: 155484

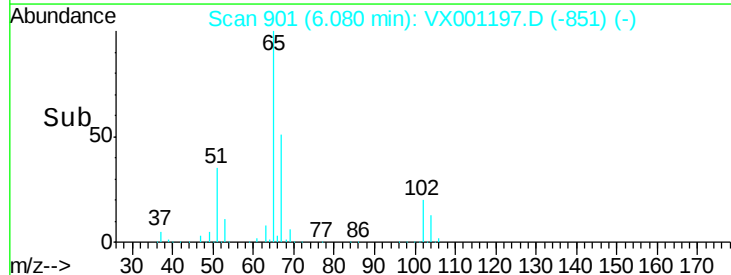
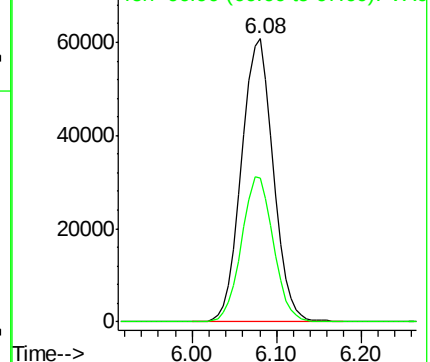
Ion Ratio Lower Upper

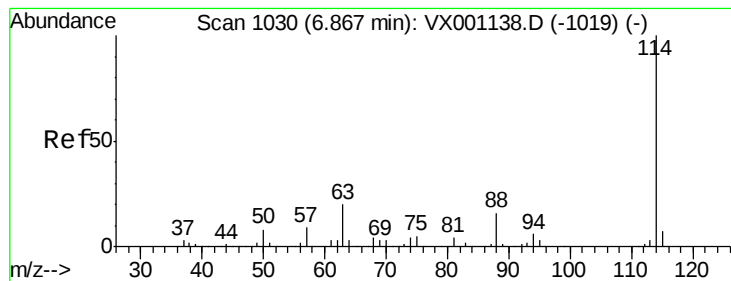
65 100

67 51.1 0.0 102.2



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: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001197.D

Acq: 28 Apr 2018 03:33

Instrument :

MSVOA_X

ClientSampleId :

DUP-0446-180418

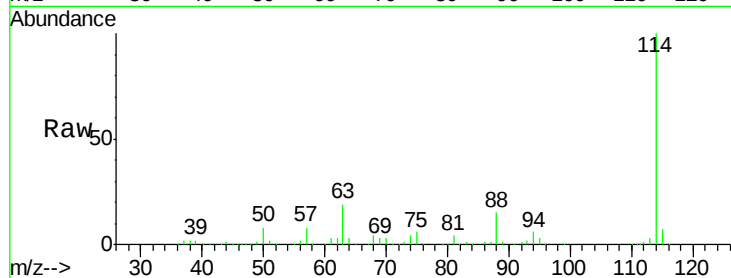
Tot Ion:114 Resp: 273172

Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.4

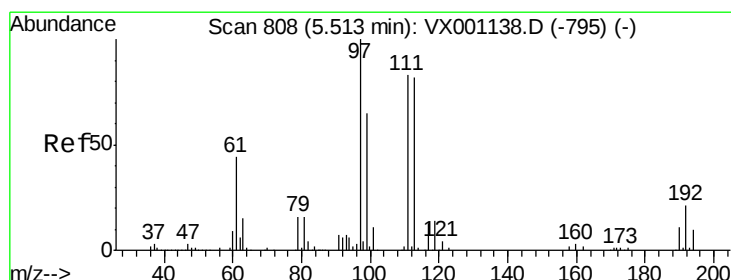
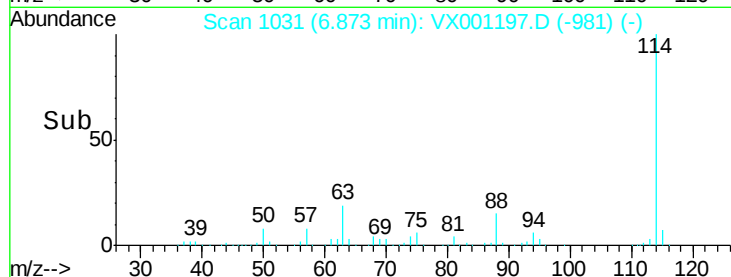
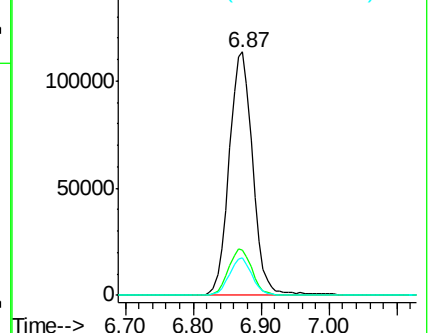
88 15.2 0.0 31.8



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: 54.36 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001197.D

Acq: 28 Apr 2018 03:33

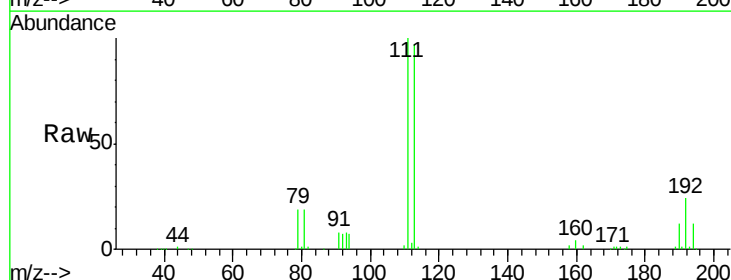
Tgt Ion:113 Resp: 122916

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

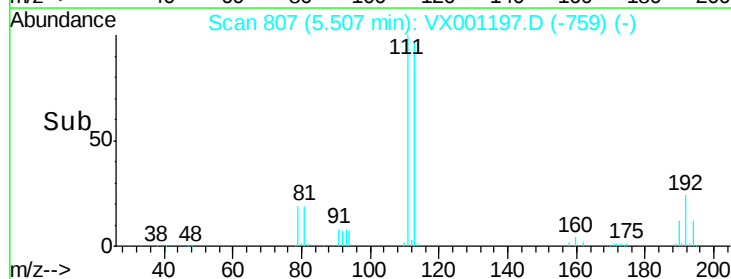
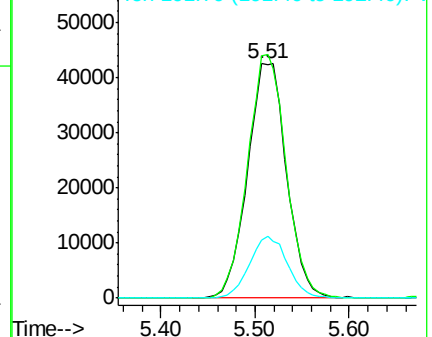
192 25.7 20.6 30.8

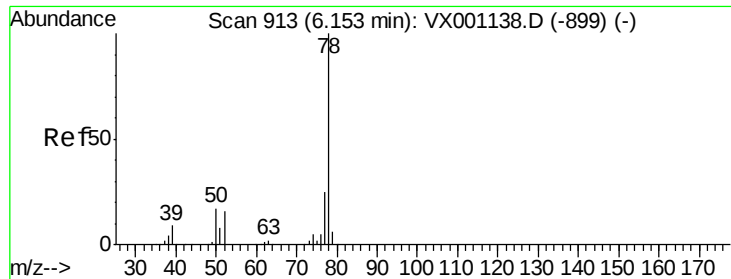


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 21.39 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX001197.D

Acq: 28 Apr 2018 03:33

Instrument :

MSVOA_X

ClientSampleId :

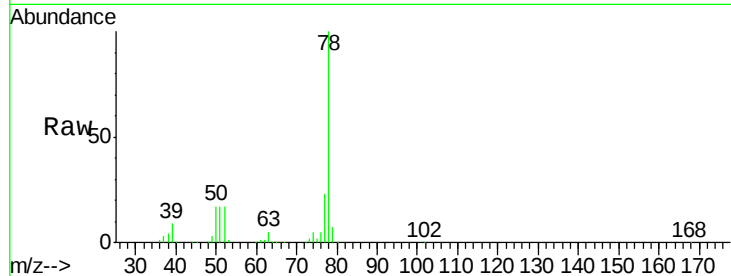
DUP-0446-180418

Tot Ion: 78 Resp: 186268

Ion Ratio Lower Upper

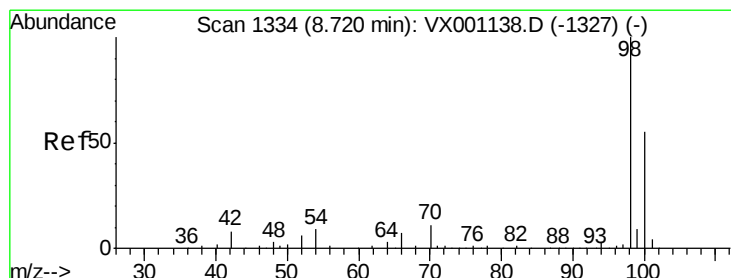
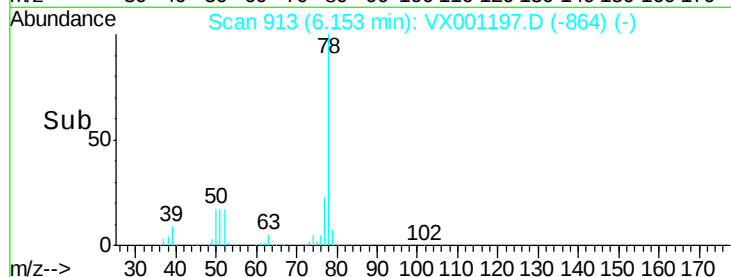
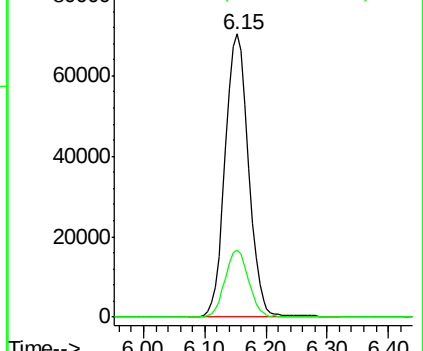
78 100

77 23.5 19.7 29.5



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 54.90 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001197.D

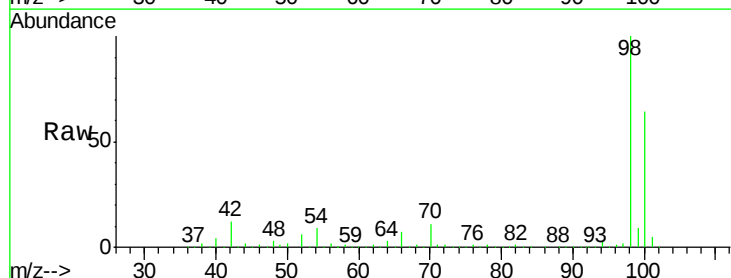
Acq: 28 Apr 2018 03:33

Tgt Ion: 98 Resp: 468424

Ion Ratio Lower Upper

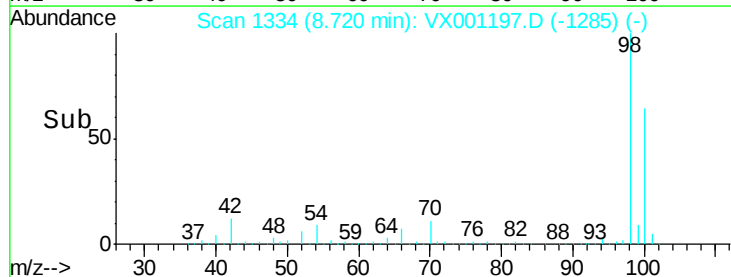
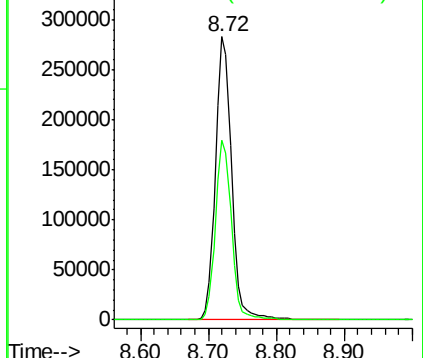
98 100

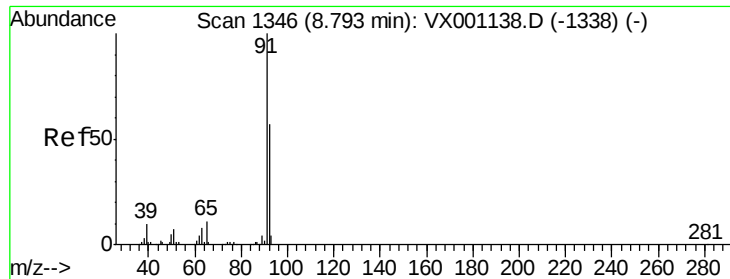
100 63.5 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 0.20 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX001197.D

Acq: 28 Apr 2018 03:33

Instrument :

MSVOA_X

ClientSampleId :

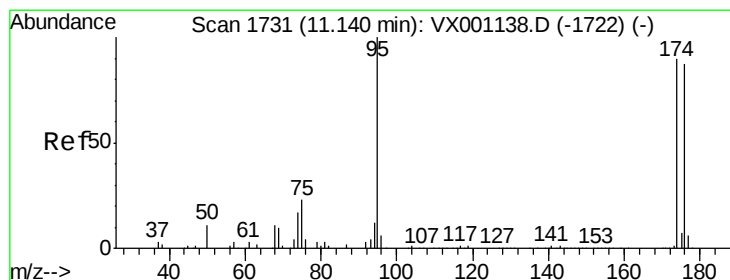
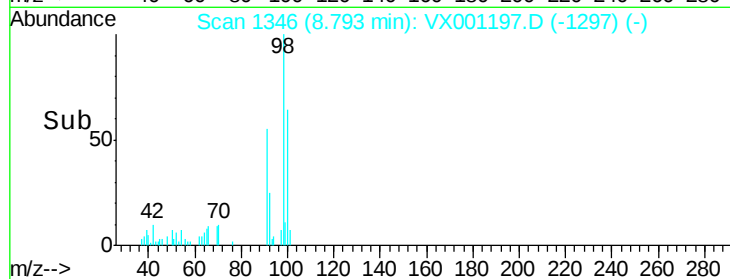
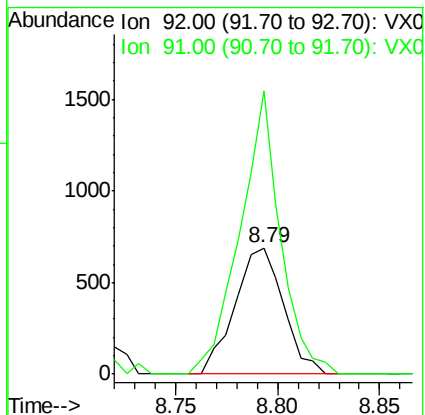
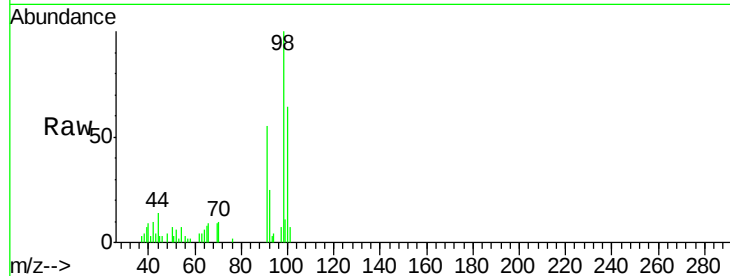
DUP-0446-180418

Tot Ion: 92 Resp: 1142

Ion Ratio Lower Upper

92 100

91 186.5 139.8 209.6



#62

4-Bromofluorobenzene

Concen: 49.26 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001197.D

Acq: 28 Apr 2018 03:33

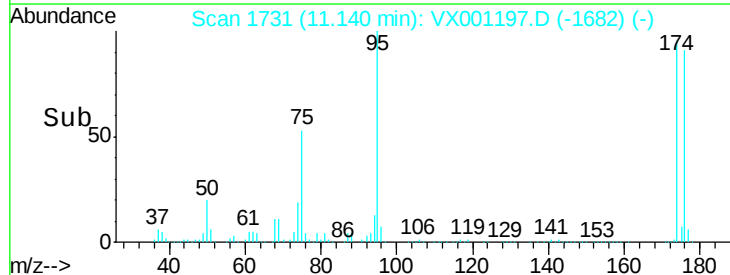
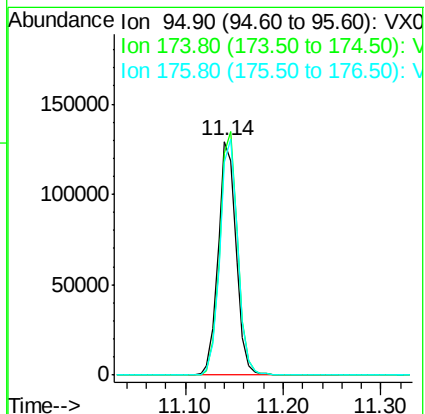
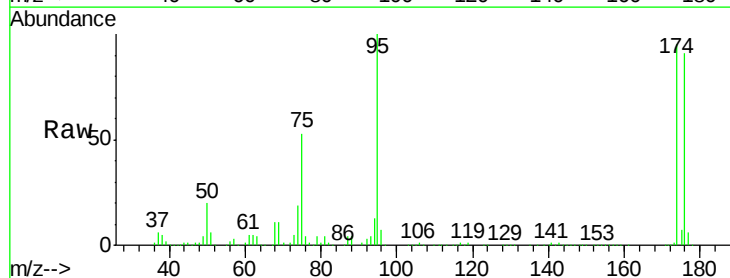
Tgt Ion: 95 Resp: 164192

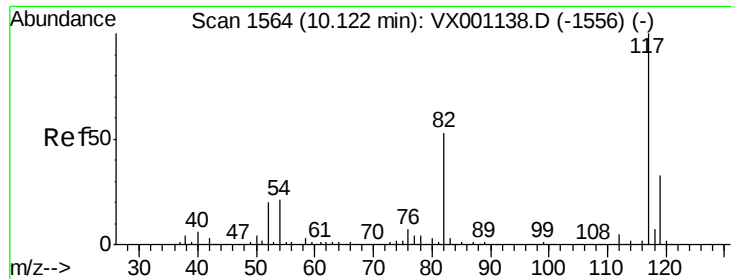
Ion Ratio Lower Upper

95 100

174 103.7 0.0 194.4

176 100.6 0.0 190.2

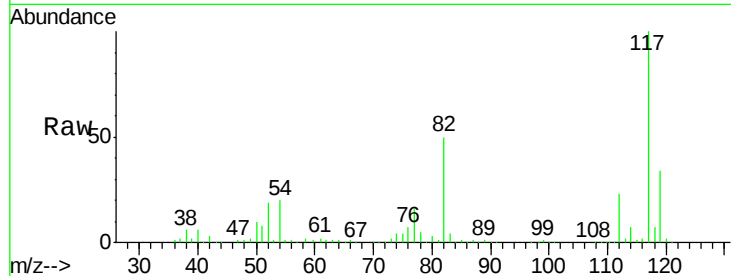




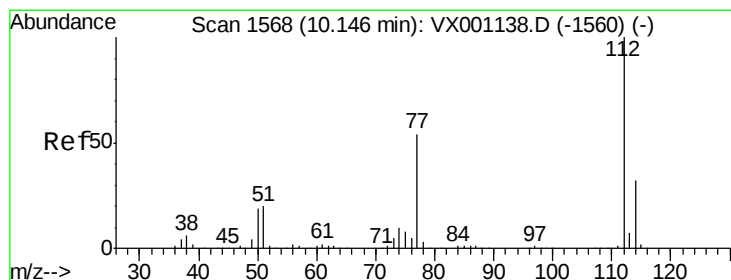
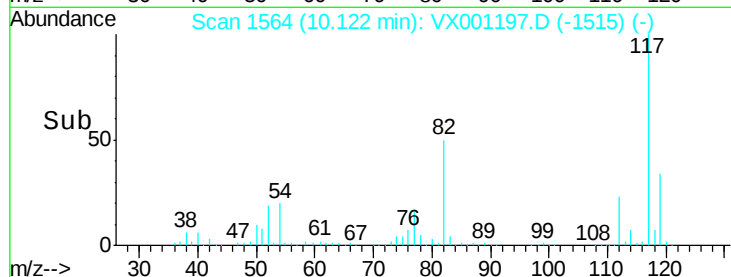
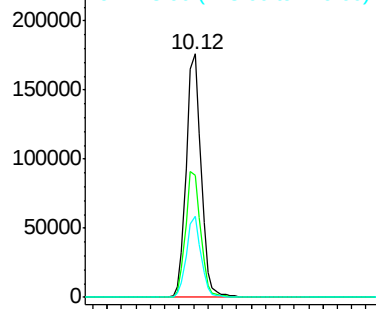
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Instrument :
MSVOA_X
ClientSampleId :
DUP-0446-180418

Tot Ion:117 Resp: 251684
Ion Ratio Lower Upper
117 100
82 50.3 42.1 63.1
119 33.5 26.1 39.1

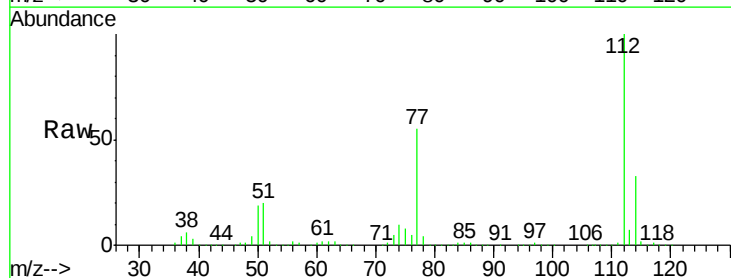


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

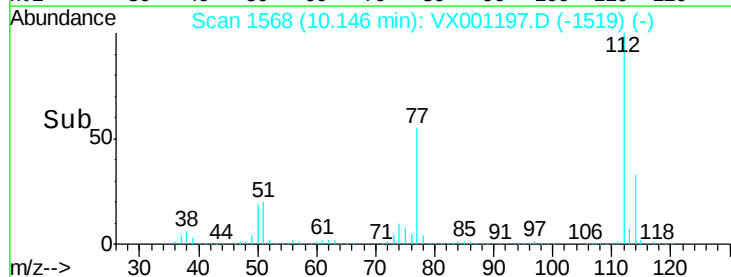
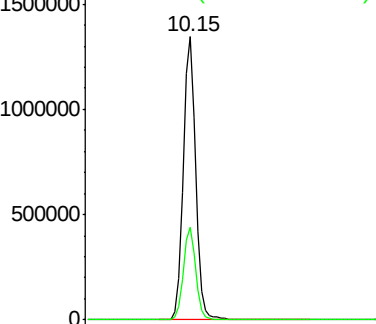


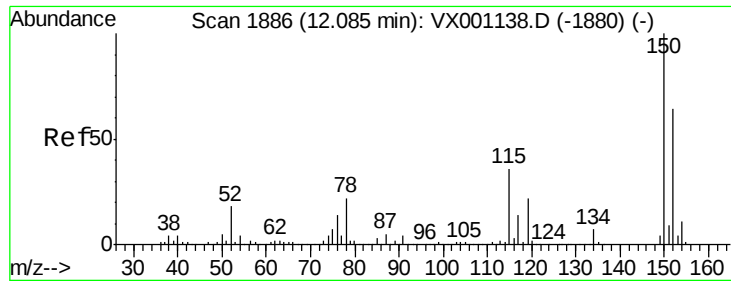
#65
Chlorobenzene
Concen: 278.24 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001197.D
Acq: 28 Apr 2018 03:33

Tgt Ion:112 Resp: 1834693
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5



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: VX001197.D

Acq: 28 Apr 2018 03:33

Instrument :

MSVOA_X

ClientSampleId :

DUP-0446-180418

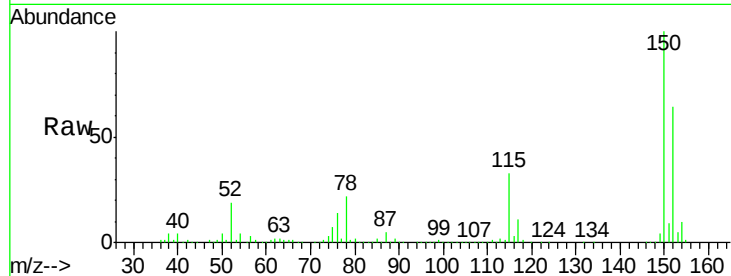
Tot Ion:152 Resp: 146961

Ion Ratio Lower Upper

152 100

115 52.5 38.0 114.0

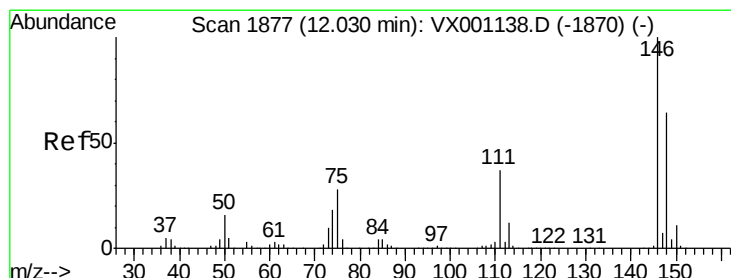
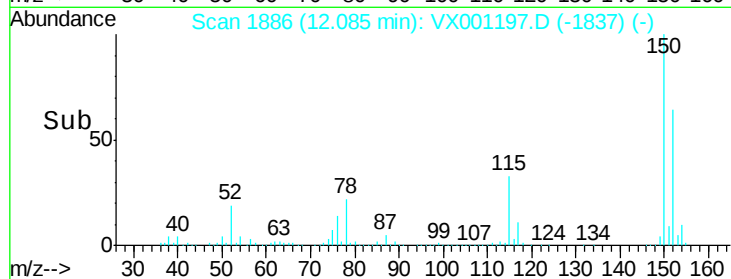
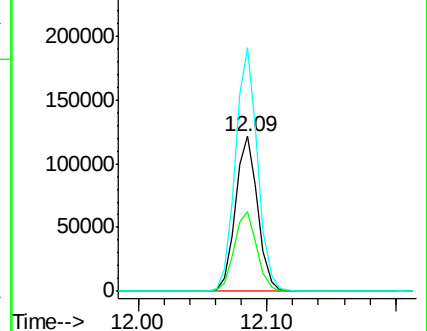
150 156.5 0.0 349.6



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: 0.41 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001197.D

Acq: 28 Apr 2018 03:33

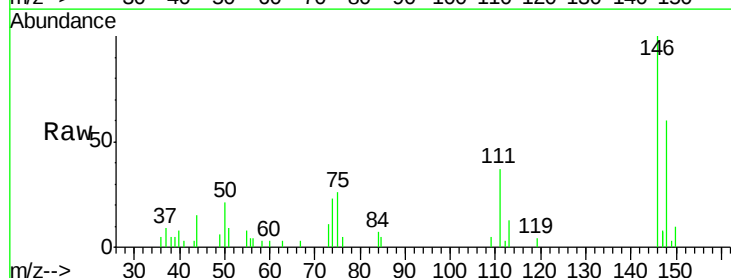
Tgt Ion:146 Resp: 2100

Ion Ratio Lower Upper

146 100

111 37.7 18.6 56.0

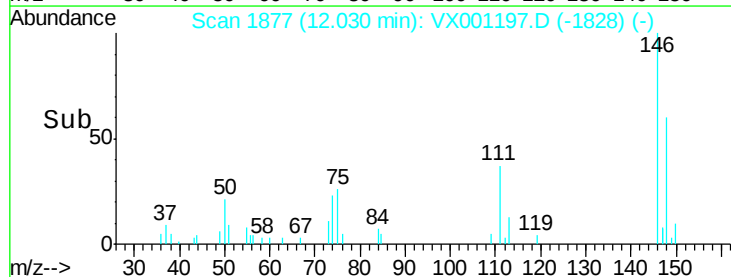
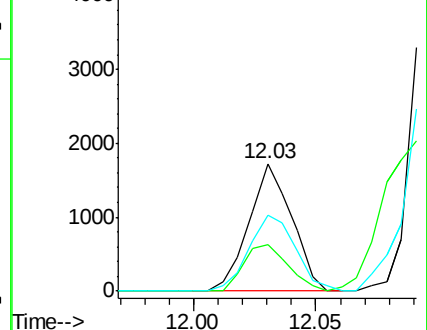
148 64.6 32.3 96.8

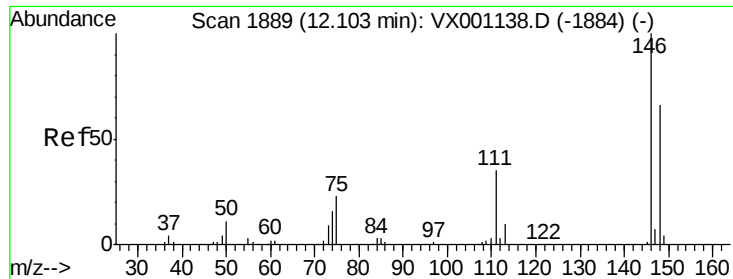


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 2.15 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX001197.D

Acq: 28 Apr 2018 03:33

Instrument :

MSVOA_X

ClientSampleId :

DUP-0446-180418

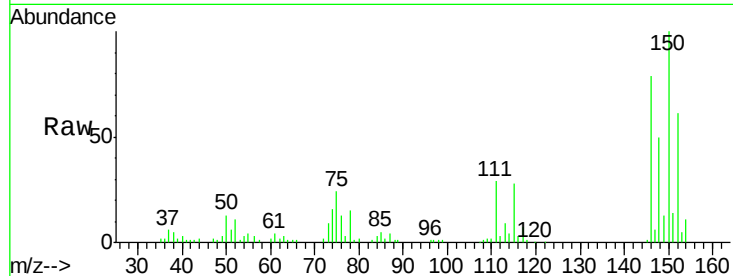
Tot Ion:146 Resp: 11446

Ion Ratio Lower Upper

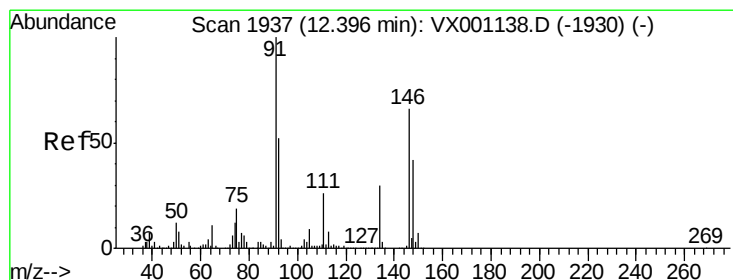
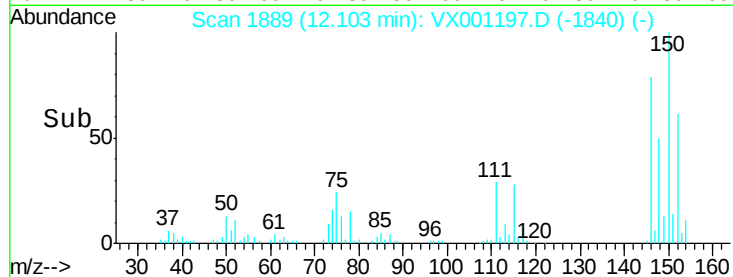
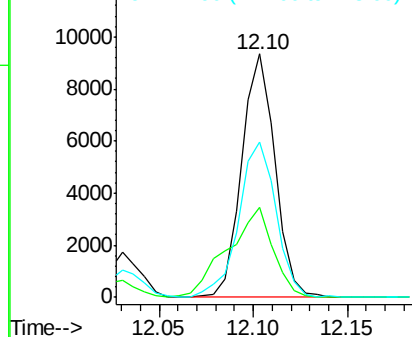
146 100

111 50.7 18.0 54.0

148 71.6 32.5 97.5



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: 1.41 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001197.D

Acq: 28 Apr 2018 03:33

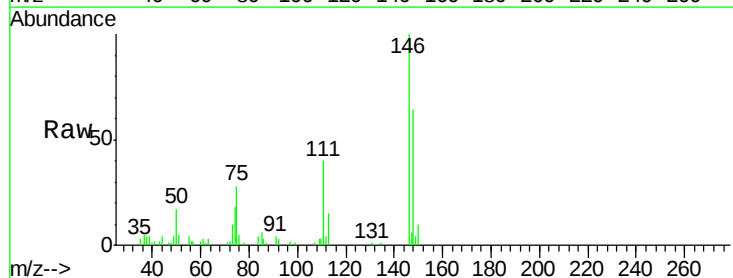
Tgt Ion:146 Resp: 7278

Ion Ratio Lower Upper

146 100

111 39.4 19.1 57.3

148 63.0 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

