

Data File : VX001248.D

Acq On : 29 Apr 2018 06:52

Operator : JC/MD

Sample : J2600-19

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 45 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

BP-FW-MW01-20180425

Quant Time: Apr 30 01:46:07 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	184413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	248919	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	223826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	124536	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	138249	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
35) Dibromofluoromethane	5.51	113	109057	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
50) Toluene-d8	8.72	98	415100	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
62) 4-Bromofluorobenzene	11.14	95	137554	45.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.58%	

Target Compounds

						Qvalue
5) Bromomethane	1.63	94	101	Below Cal	#	3
10) Methyl Iodide	2.51	142	83	7.27	ug/l #	76
11) Tert butyl alcohol	3.03	59	863	1.53	ug/l #	88
16) Acetone	2.45	43	2575	2.19	ug/l	96
24) 1,1-Dichloroethane	3.70	63	4675	1.31	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	760	0.34	ug/l	90
31) Cyclohexane	5.67	56	3422	1.13	ug/l #	33
32) 1,1,1-Trichloroethane	5.51	97	2794	0.85	ug/l #	51
36) 1,1-Dichloropropene	5.68	75	11336	4.13	ug/l #	49
38) Carbon Tetrachloride	5.67	117	15874	5.64	ug/l #	15
44) Trichloroethene	7.22	130	7731	3.27	ug/l	94
54) cis-1,3-Dichloropropene	8.77	75	21	3.19	ug/l #	9
60) Dibromochloromethane	9.34	129	4565	5.01	ug/l #	11
64) Tetrachloroethene	9.34	164	5347	2.24	ug/l	95
76) 1,2,3-Trichloropropane	11.14	75	71238	28.09	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	71238	85.26	ug/l #	6

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

Data File : VX001248.D

Acq On : 29 Apr 2018 06:52

Operator : JC/MD

Sample : J2600-19

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 45 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

BP-FW-MW01-20180425

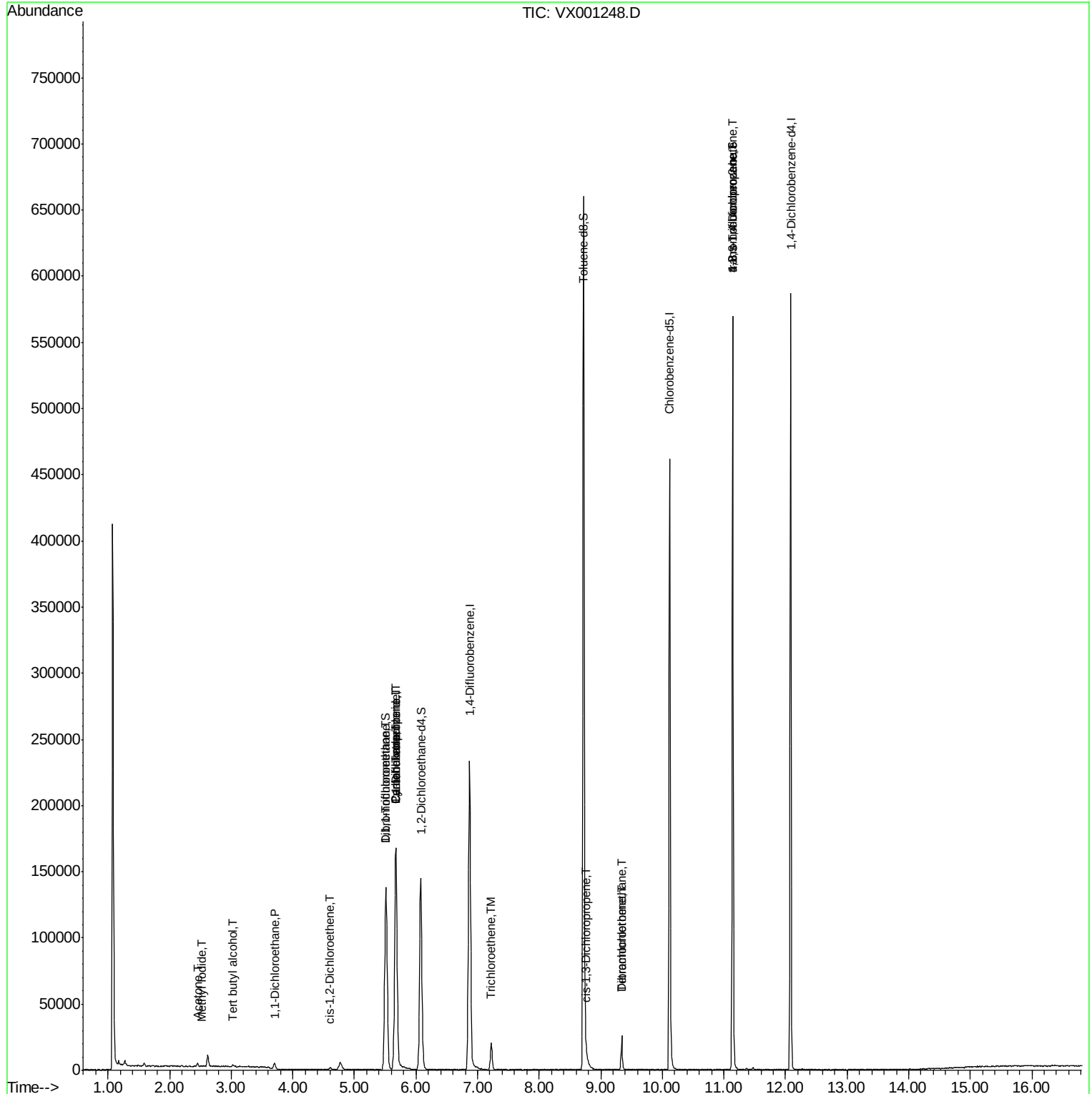
Quant Time: Apr 30 01:46:07 2018

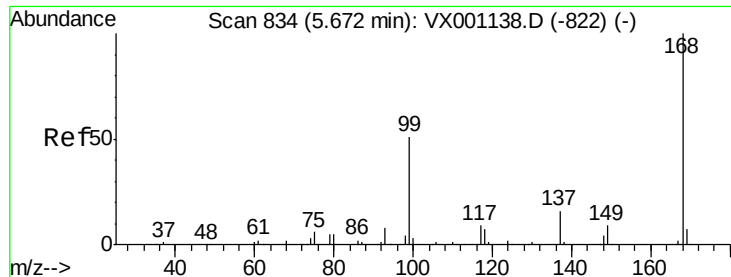
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:51:42 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001248.D

Acq: 29 Apr 2018 06:52

Instrument :

MSVOA_X

ClientSampleId :

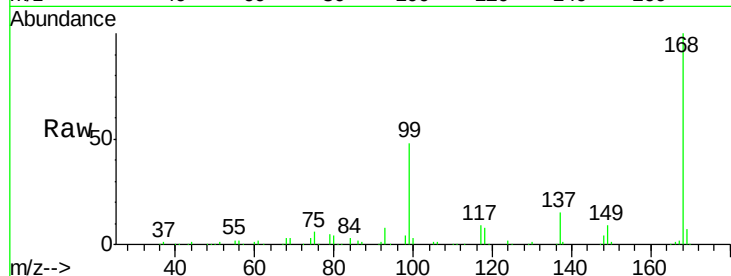
BP-FW-MW01-20180425

Tgt Ion:168 Resp: 184413

Ion Ratio Lower Upper

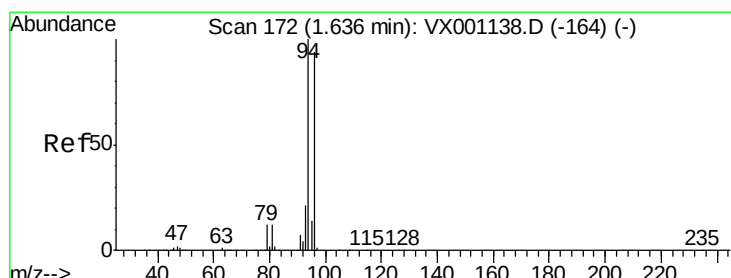
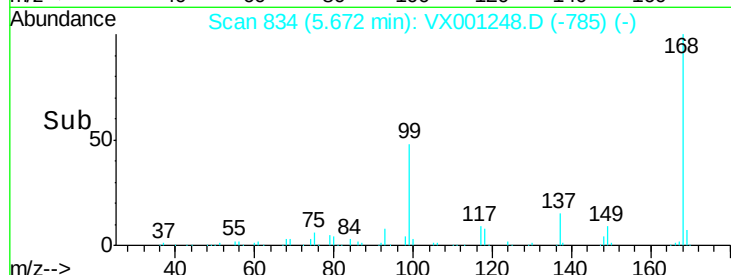
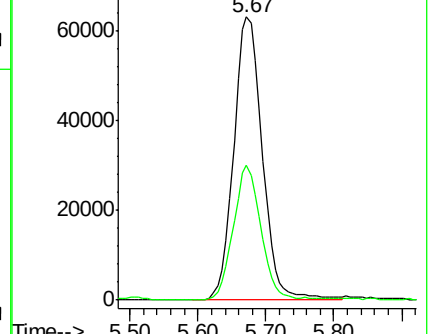
168 100

99 47.9 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX001248.D

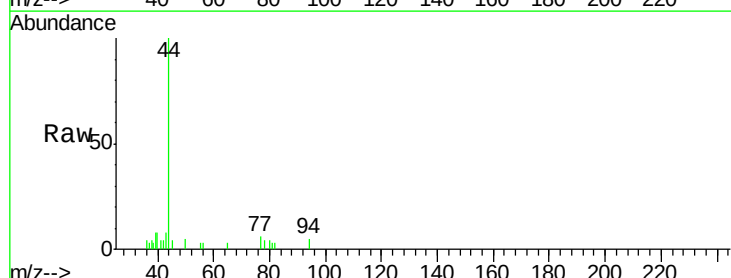
Acq: 29 Apr 2018 06:52

Tgt Ion: 94 Resp: 101

Ion Ratio Lower Upper

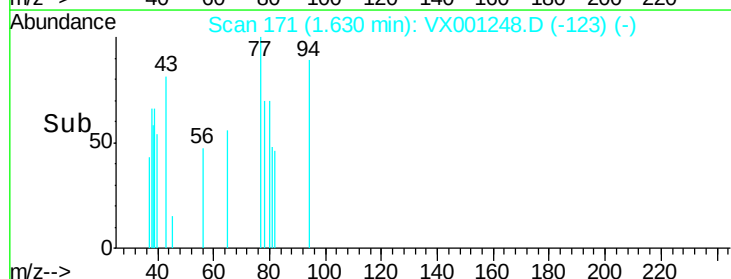
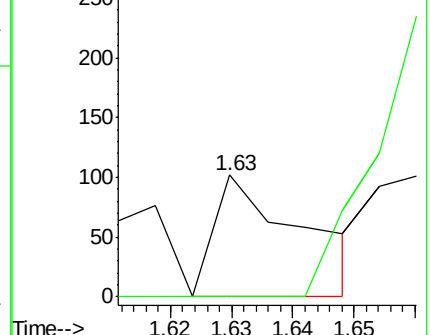
94 100

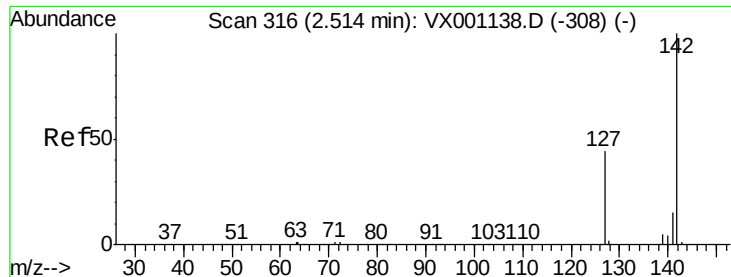
96 0.0 75.3 112.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

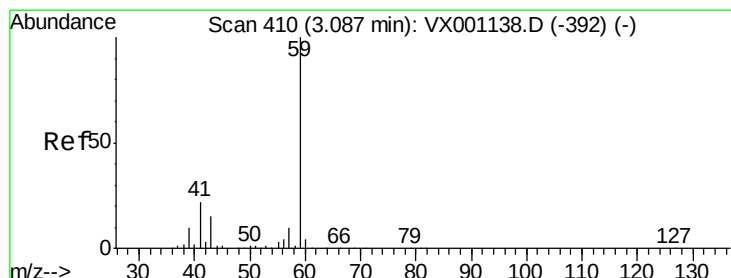
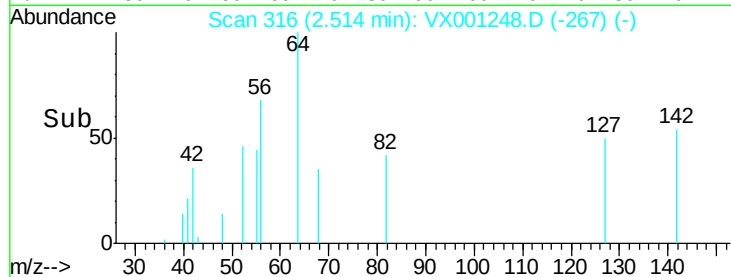
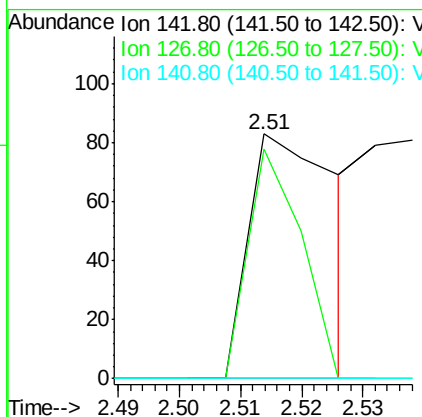
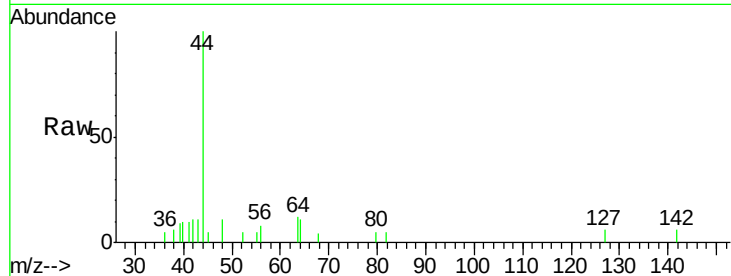




#10
Methyl Iodide
Concen: 7.27 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX001248.D
Acq: 29 Apr 2018 06:52

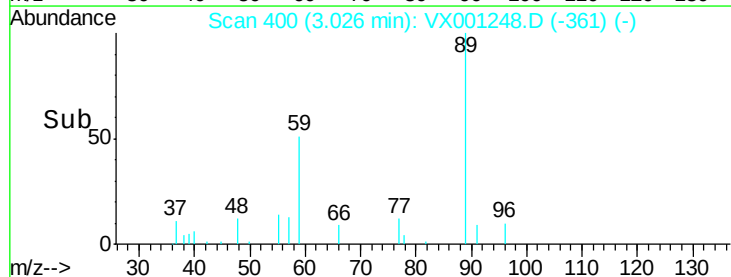
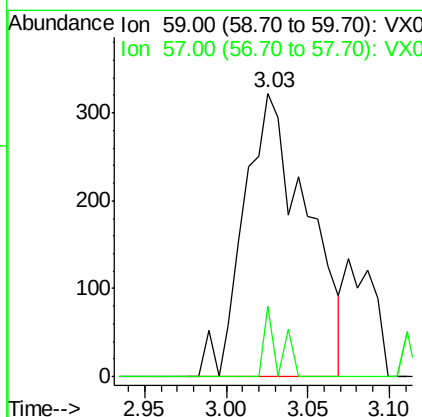
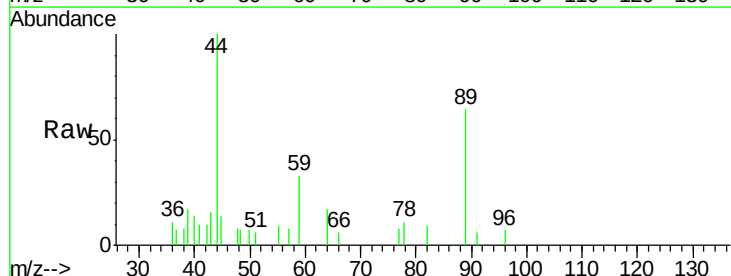
Instrument :
MSVOA_X
ClientSampleId :
BP-FW-MW01-20180425

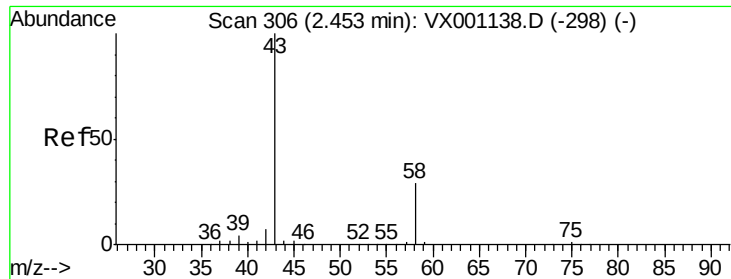
Tgt Ion: 142 Resp: 83
Ion Ratio Lower Upper
142 100
127 56.6 34.7 52.1#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 1.53 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.06 min
Lab File: VX001248.D
Acq: 29 Apr 2018 06:52

Tgt Ion: 59 Resp: 863
Ion Ratio Lower Upper
59 100
57 5.7 8.2 12.4#





#16

Acetone

Concen: 2.19 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001248.D

Acq: 29 Apr 2018 06:52

Instrument :

MSVOA_X

ClientSampleId :

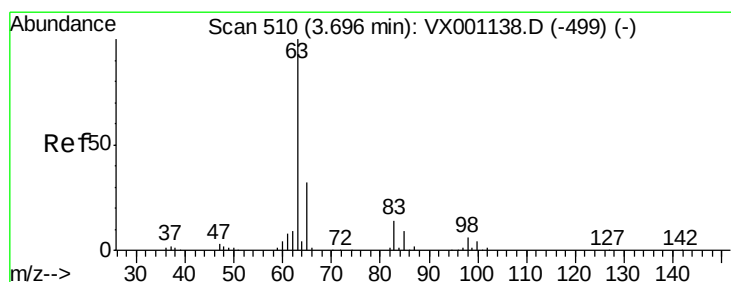
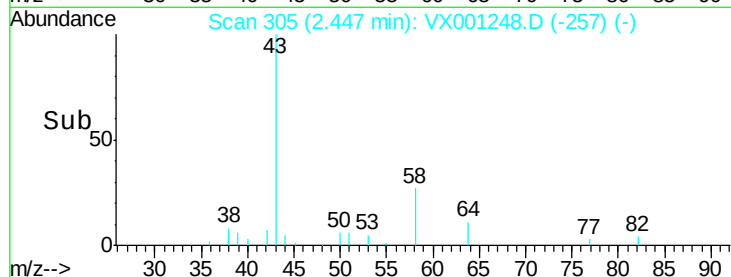
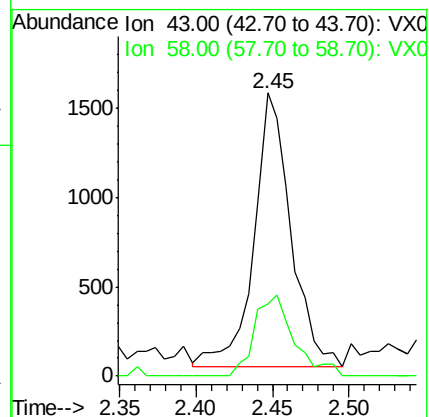
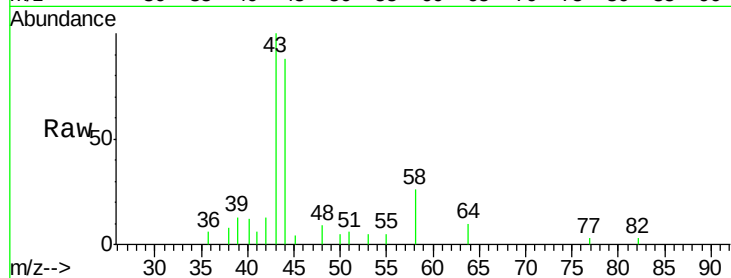
BP-FW-MW01-20180425

Tgt Ion: 43 Resp: 2575

Ion Ratio Lower Upper

43 100

58 26.4 23.0 34.6



#24

1,1-Dichloroethane

Concen: 1.31 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001248.D

Acq: 29 Apr 2018 06:52

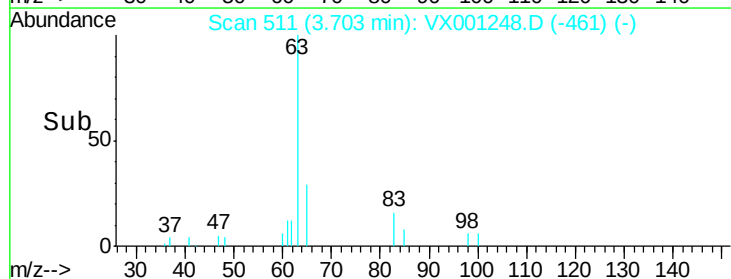
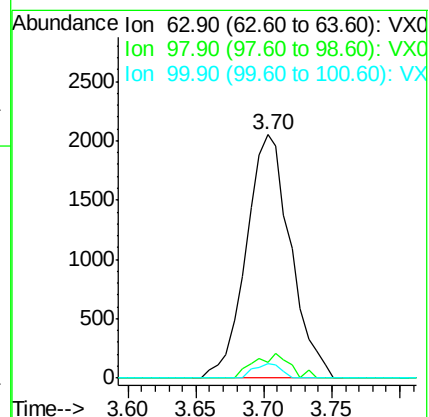
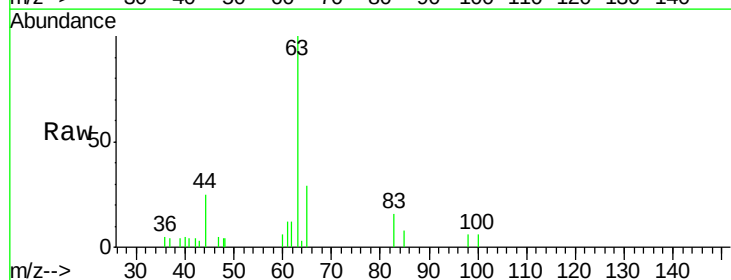
Tgt Ion: 63 Resp: 4675

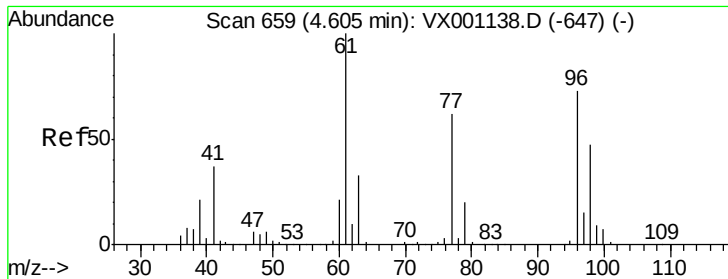
Ion Ratio Lower Upper

63 100

98 6.2 3.1 9.4

100 6.2 2.1 6.5





#27

cis-1,2-Dichloroethene

Concen: 0.34 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001248.D

Acq: 29 Apr 2018 06:52

Instrument :

MSVOA_X

ClientSampleId :

BP-FW-MW01-20180425

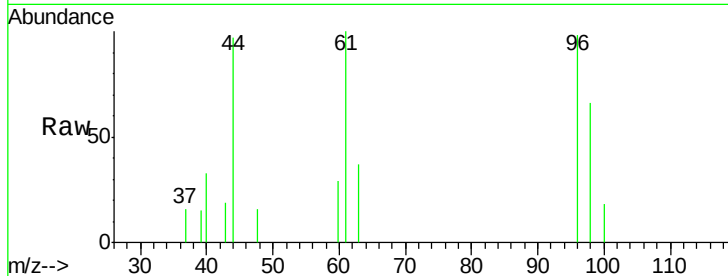
Tgt Ion: 96 Resp: 760

Ion Ratio Lower Upper

96 100

61 141.1 0.0 289.0

98 83.7 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

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

4.60

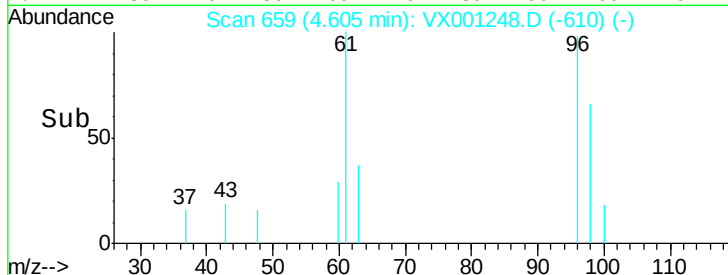
4.60

4.60

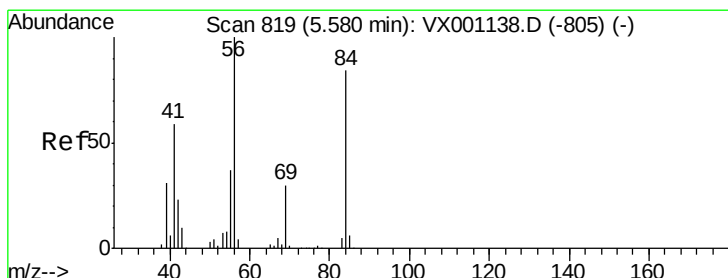
4.60

4.60

4.60



Time-->



#31

Cyclohexane

Concen: 1.13 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX001248.D

Acq: 29 Apr 2018 06:52

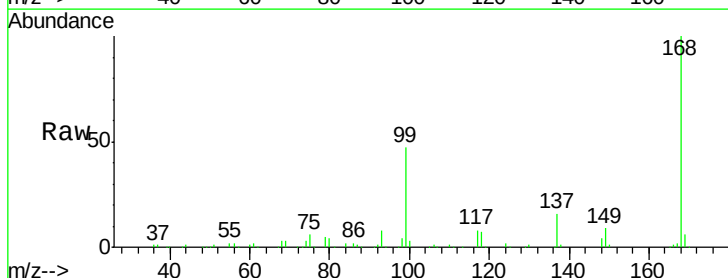
Tgt Ion: 56 Resp: 3422

Ion Ratio Lower Upper

56 100

69 153.4 24.2 36.2#

84 93.5 67.5 101.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

5.67

5.67

5.67

5.67

5.67

5.67

5.67

5.67

5.67

5.67

5.67

5.67

5.67

5.67

5.67

5.67

5.67

5.67

5.67

5.67

5.67

5.67

5.67

5.67

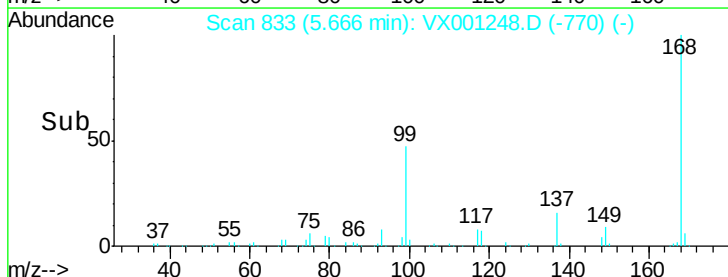
5.67

5.67

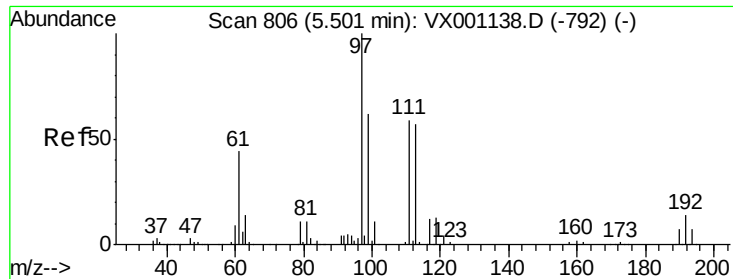
5.67

5.67

5.67



Time-->



#32

1,1,1-Trichloroethane

Concen: 0.85 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX001248.D

Acq: 29 Apr 2018 06:52

Instrument :

MSVOA_X

ClientSampleId :

BP-FW-MW01-20180425

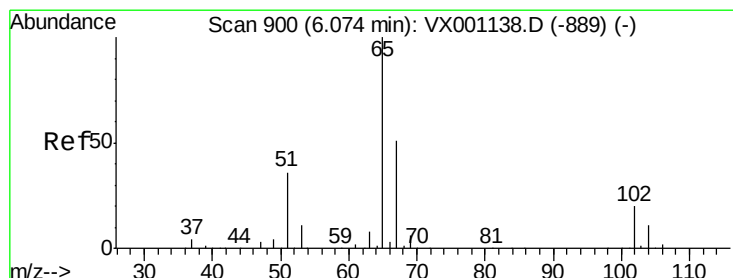
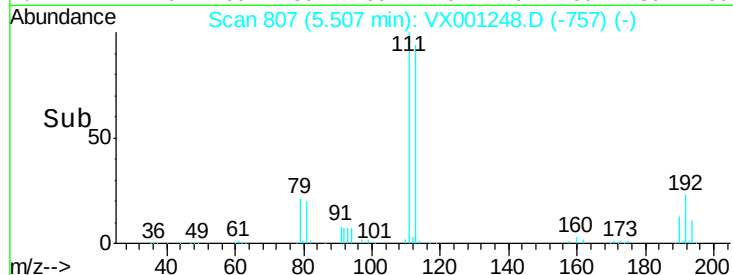
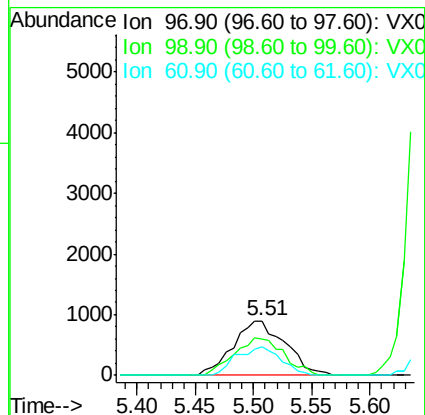
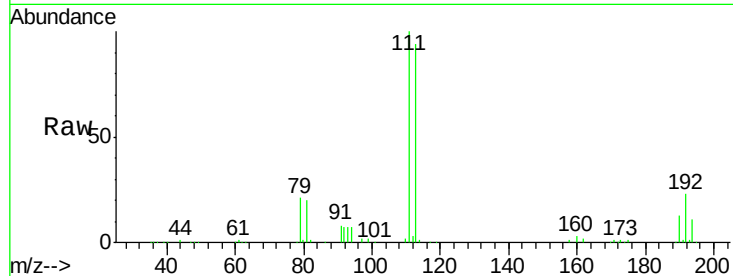
Tgt Ion: 97 Resp: 2794

Ion Ratio Lower Upper

97 100

99 0.0 50.9 76.3#

61 44.3 35.0 52.6



#33

1,2-Dichloroethane-d4

Concen: 48.36 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001248.D

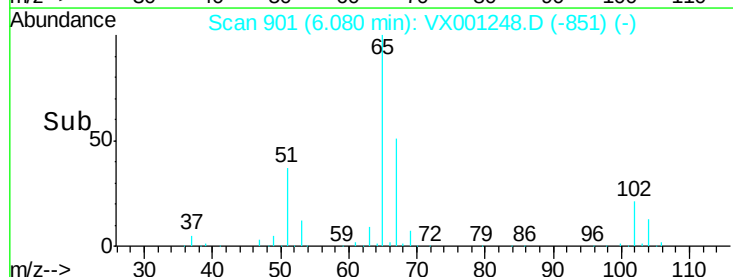
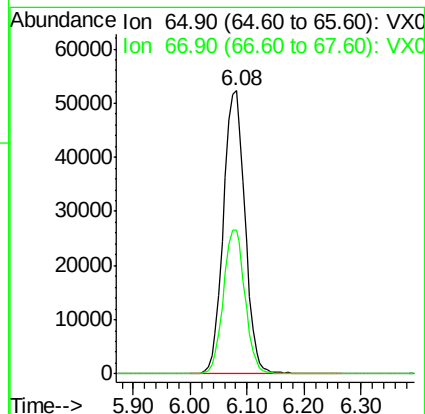
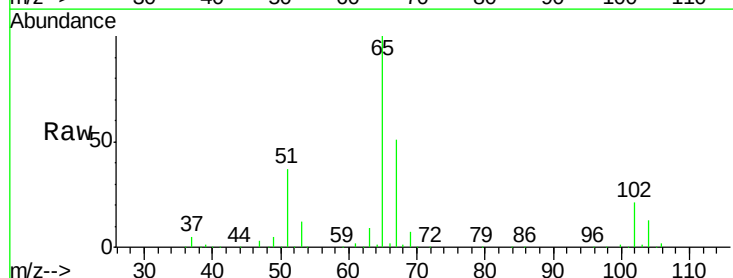
Acq: 29 Apr 2018 06:52

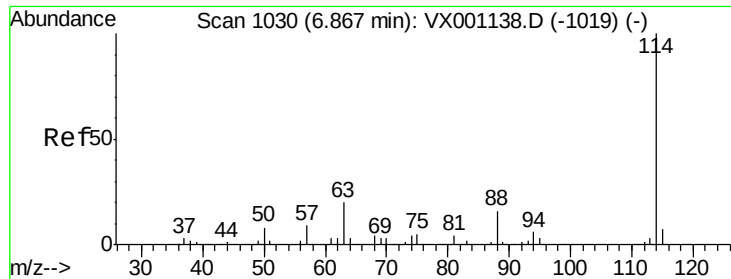
Tgt Ion: 65 Resp: 138249

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.2

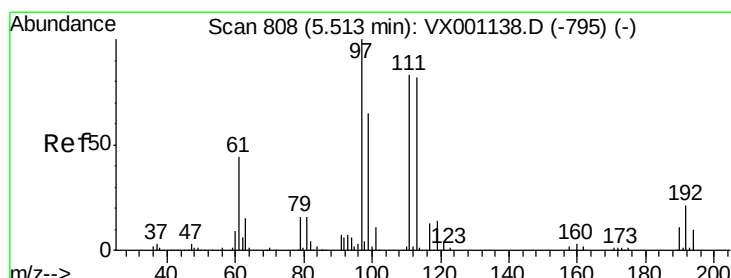
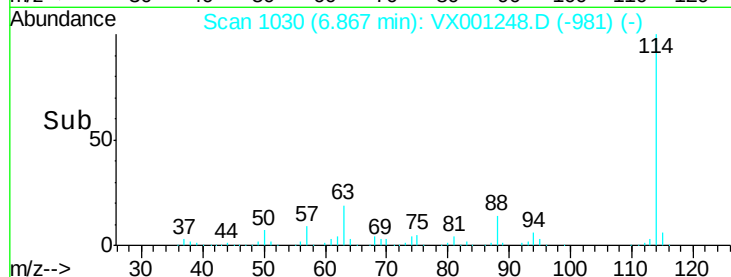
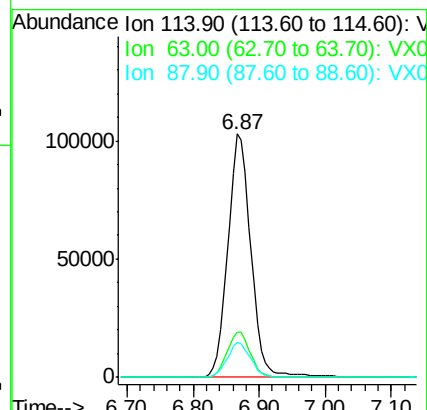
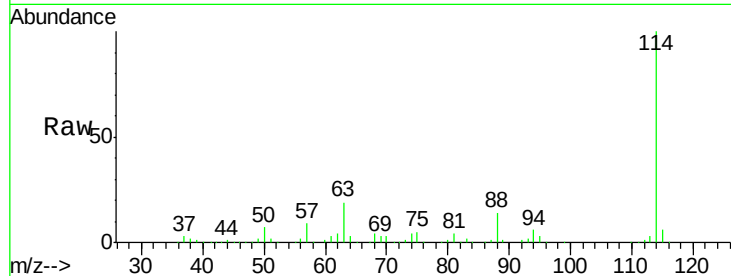




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001248.D
 Acq: 29 Apr 2018 06:52

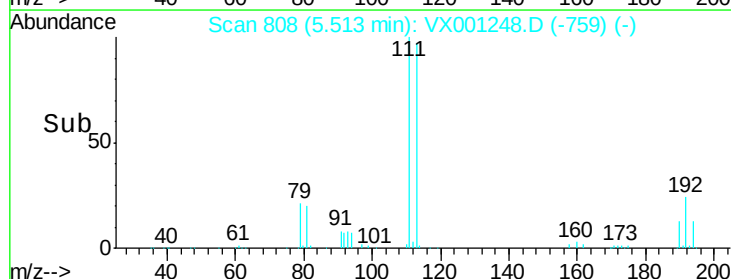
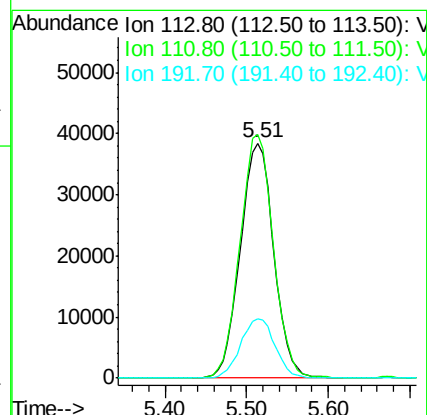
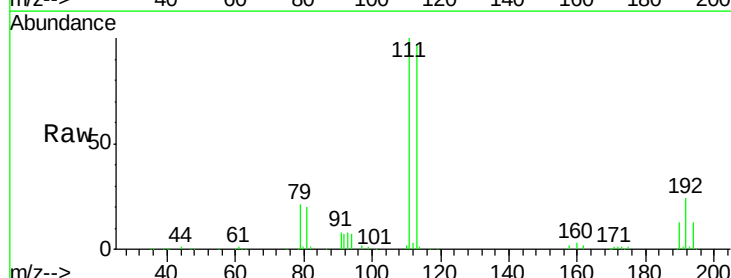
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-FW-MW01-20180425

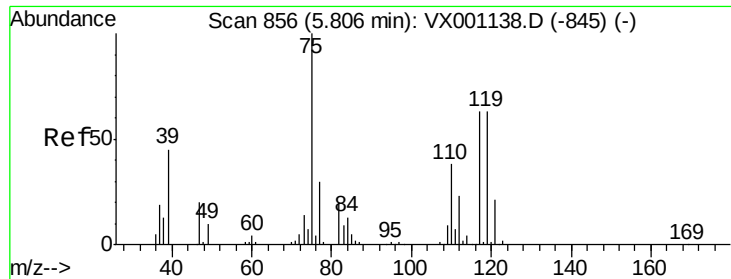
Tgt Ion:114 Resp: 248919
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 40.4
 88 14.2 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 52.93 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001248.D
 Acq: 29 Apr 2018 06:52

Tgt Ion:113 Resp: 109057
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.2 123.4
 192 26.0 20.6 30.8

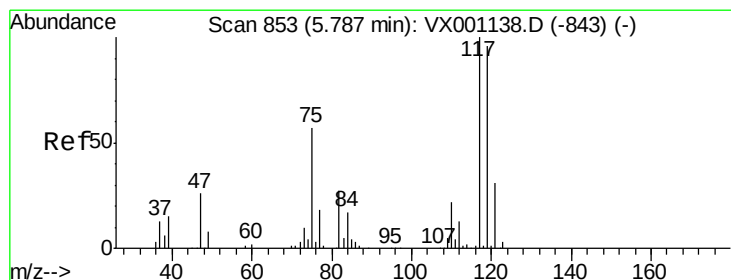
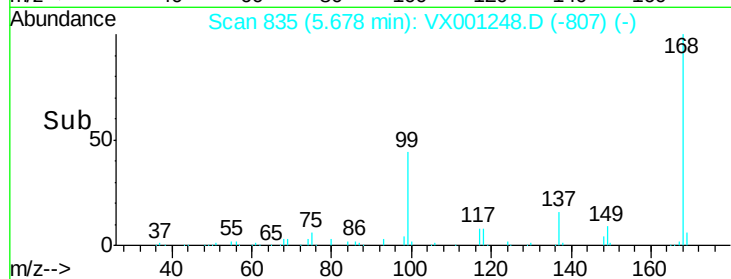
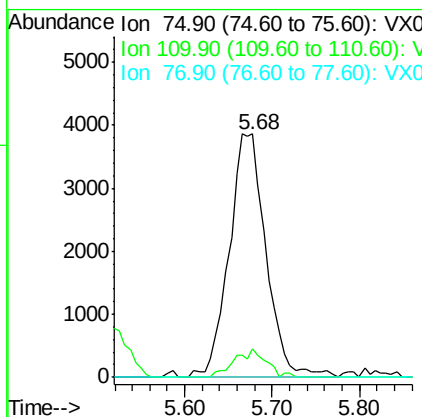
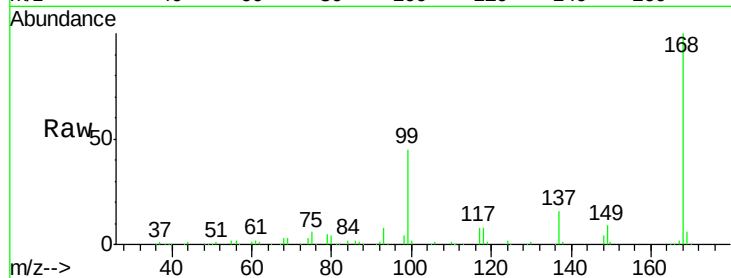




#36
 1,1-Dichloropropene
 Concen: 4.13 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.13 min
 Lab File: VX001248.D
 Acq: 29 Apr 2018 06:52

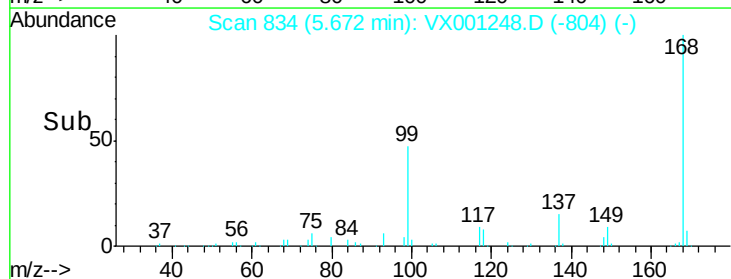
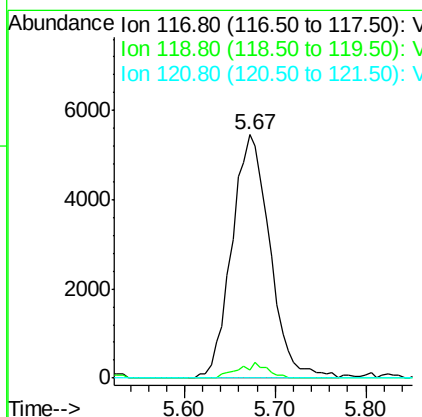
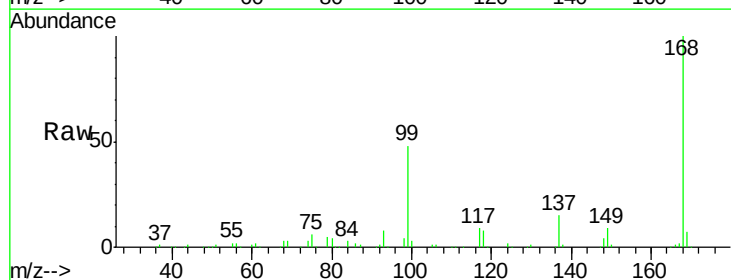
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-FW-MW01-20180425

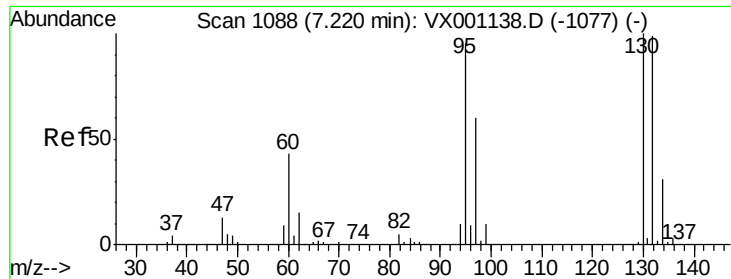
Tgt Ion: 75 Resp: 11336
 Ion Ratio Lower Upper
 75 100
 110 10.2 19.0 57.0#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.64 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001248.D
 Acq: 29 Apr 2018 06:52

Tgt Ion: 117 Resp: 15874
 Ion Ratio Lower Upper
 117 100
 119 3.5 76.5 114.7#
 121 0.0 24.6 37.0#





#44

Trichloroethene

Concen: 3.27 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001248.D

Acq: 29 Apr 2018 06:52

Instrument :

MSVOA_X

ClientSampleId :

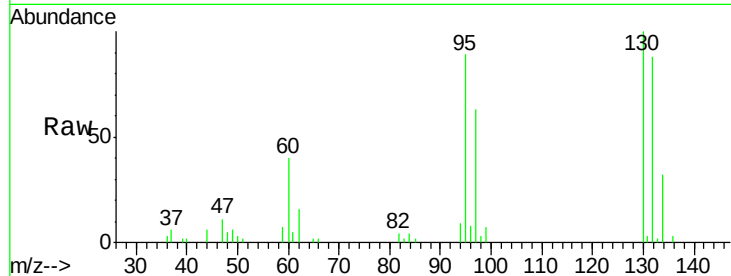
BP-FW-MW01-20180425

Tgt Ion:130 Resp: 7731

Ion Ratio Lower Upper

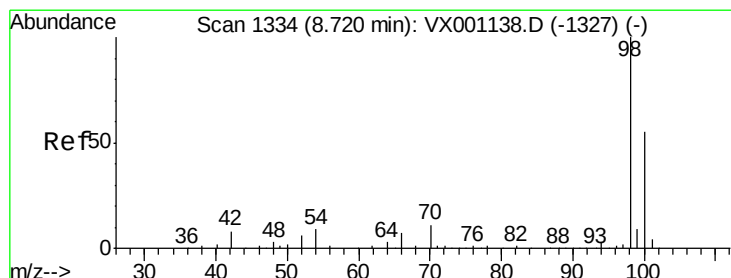
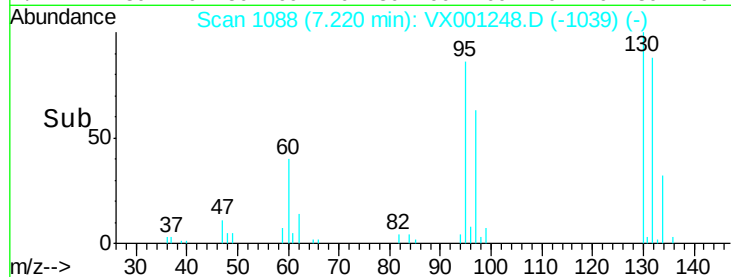
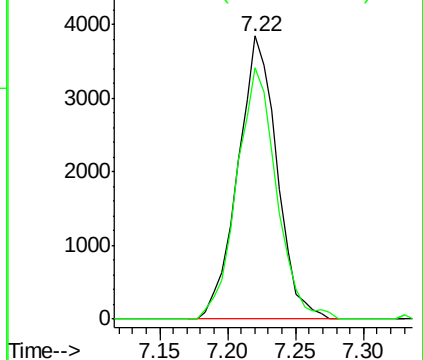
130 100

95 88.7 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 53.39 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001248.D

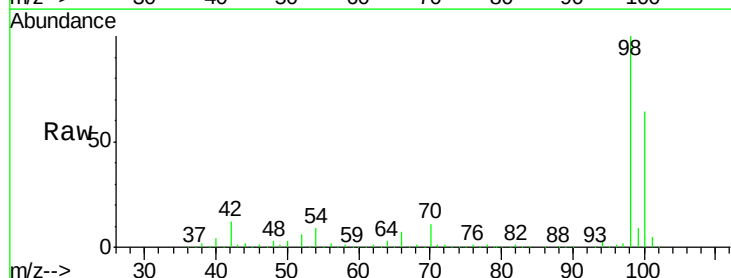
Acq: 29 Apr 2018 06:52

Tgt Ion: 98 Resp: 415100

Ion Ratio Lower Upper

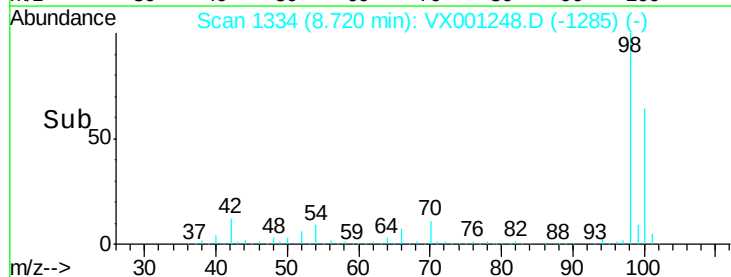
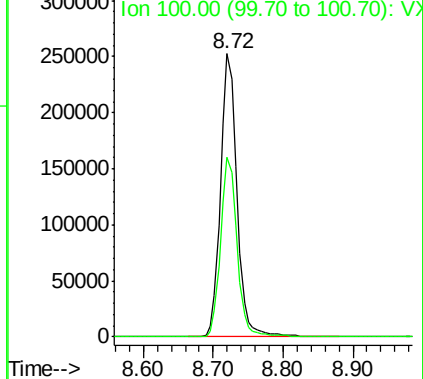
98 100

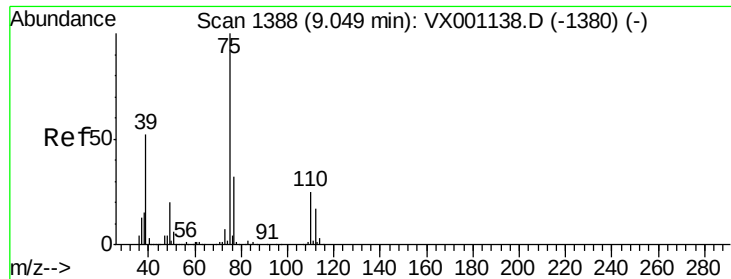
100 64.0 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#54

cis-1,3-Dichloropropene

Concen: 3.19 ug/l

RT: 8.77 min Scan# 1342

Delta R.T. -0.28 min

Lab File: VX001248.D

Acq: 29 Apr 2018 06:52

Instrument :

MSVOA_X

ClientSampleId :

BP-FW-MW01-20180425

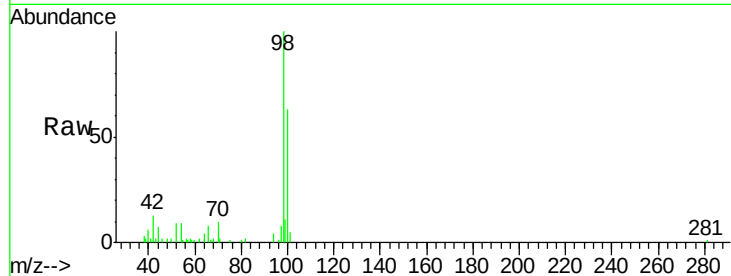
Tgt Ion: 75 Resp: 21

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.2#

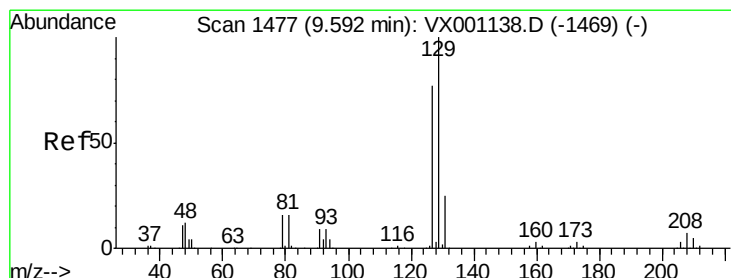
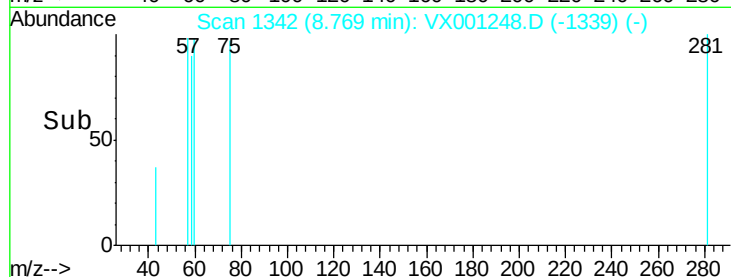
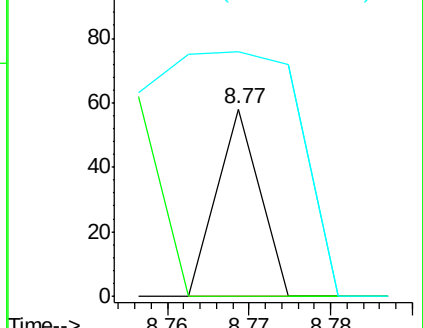
39 131.0 42.0 63.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



#60

Dibromochloromethane

Concen: 5.01 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.25 min

Lab File: VX001248.D

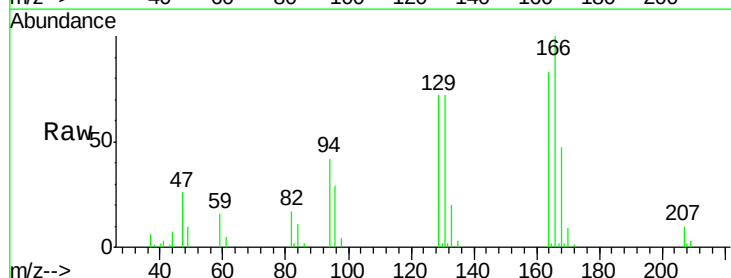
Acq: 29 Apr 2018 06:52

Tgt Ion: 129 Resp: 4565

Ion Ratio Lower Upper

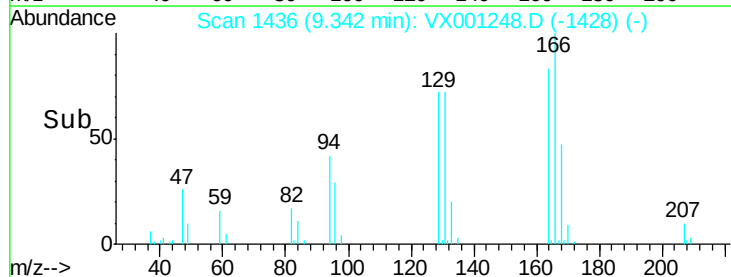
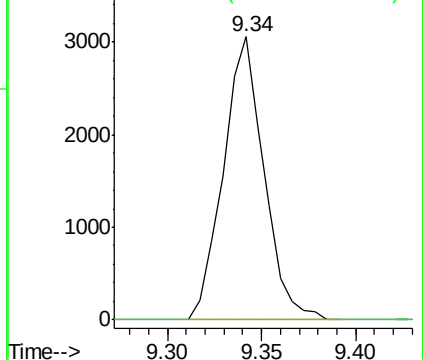
129 100

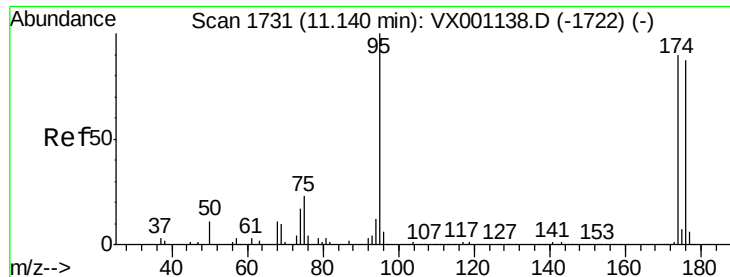
127 0.0 38.4 115.2#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

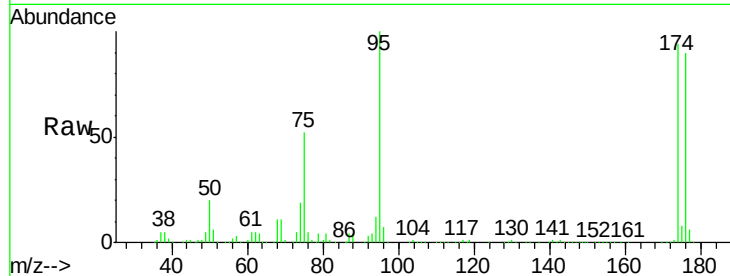




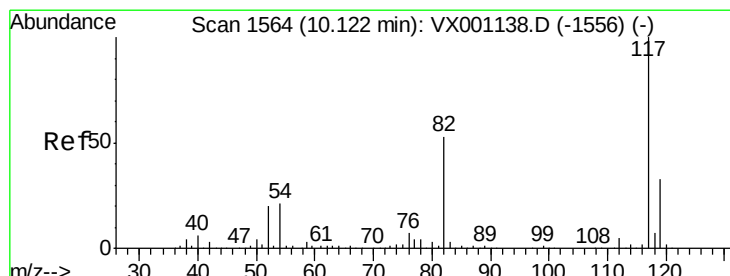
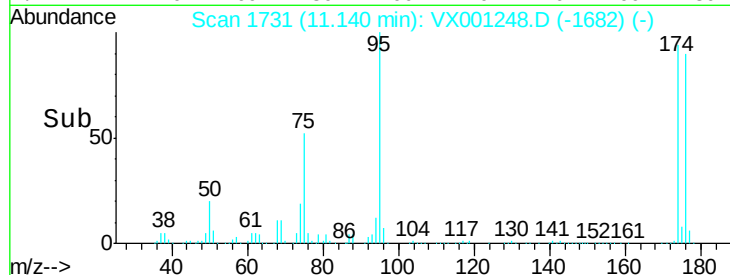
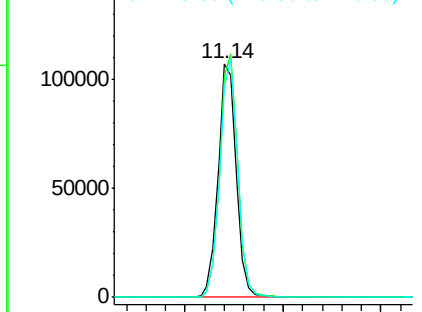
#62
4-Bromofluorobenzene
Concen: 45.29 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001248.D
Acq: 29 Apr 2018 06:52

Instrument :
MSVOA_X
ClientSampleId :
BP-FW-MW01-20180425

Tgt Ion: 95 Resp: 137554
Ion Ratio Lower Upper
95 100
174 103.2 0.0 194.4
176 100.9 0.0 190.2

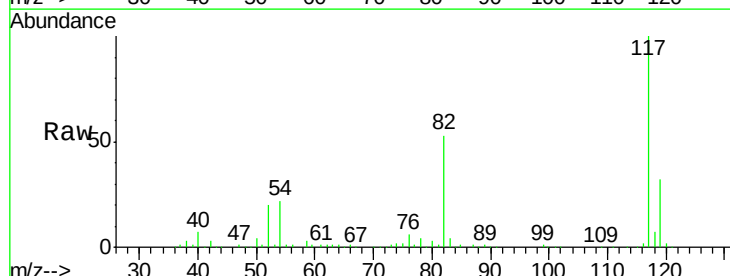


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

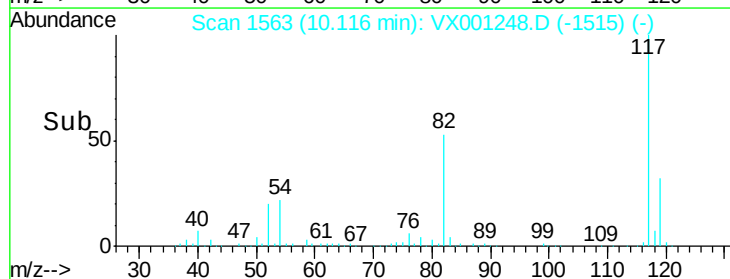
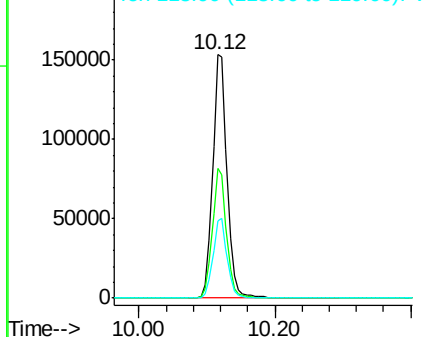


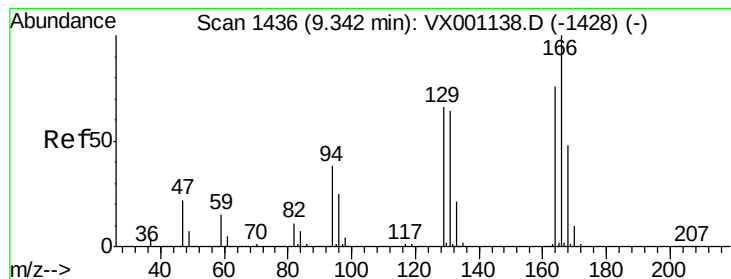
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001248.D
Acq: 29 Apr 2018 06:52

Tgt Ion: 117 Resp: 223826
Ion Ratio Lower Upper
117 100
82 53.4 42.1 63.1
119 31.9 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





#64

Tetrachloroethene

Concen: 2.24 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001248.D

Acq: 29 Apr 2018 06:52

Instrument :

MSVOA_X

ClientSampleId :

BP-FW-MW01-20180425

Tgt Ion:164 Resp: 5347

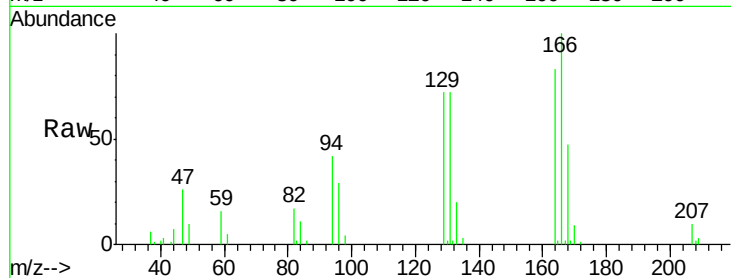
Ion Ratio Lower Upper

164 100

166 120.4 105.0 157.6

129 86.5 69.4 104.2

131 86.6 67.3 100.9

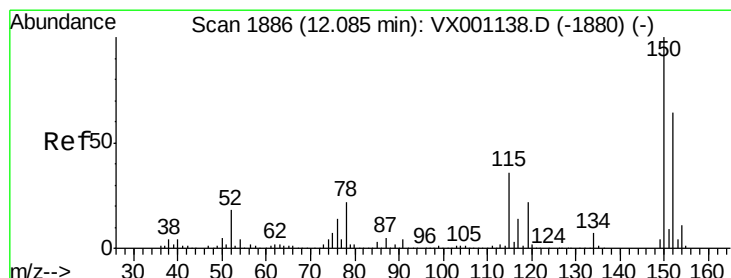
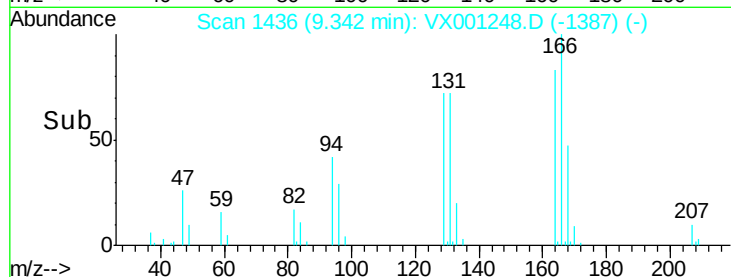
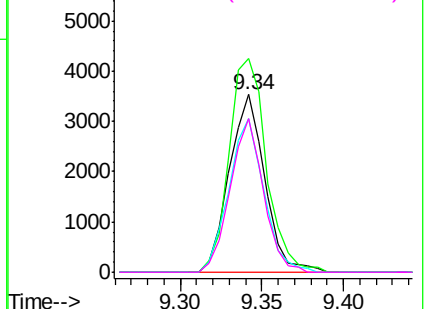


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX001248.D

Acq: 29 Apr 2018 06:52

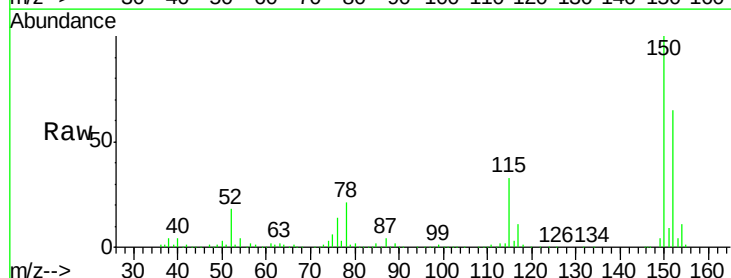
Tgt Ion:152 Resp: 124536

Ion Ratio Lower Upper

152 100

115 52.6 38.0 114.0

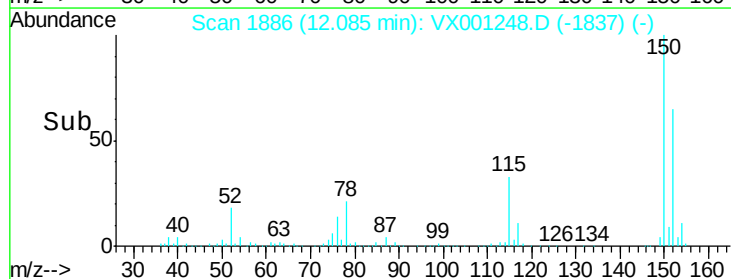
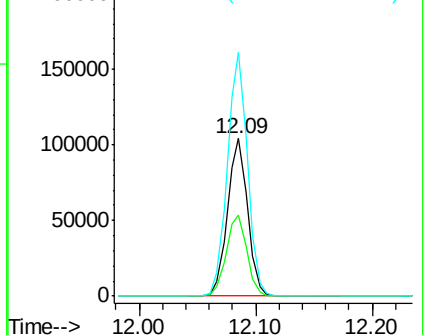
150 154.2 0.0 349.6

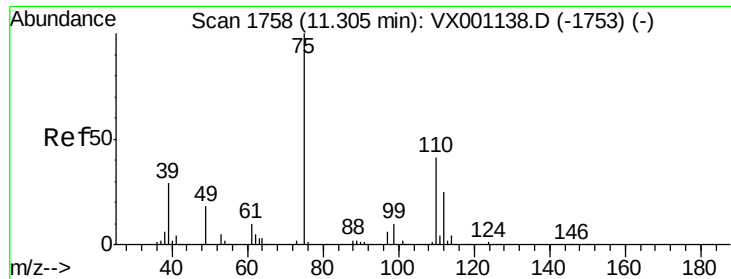


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

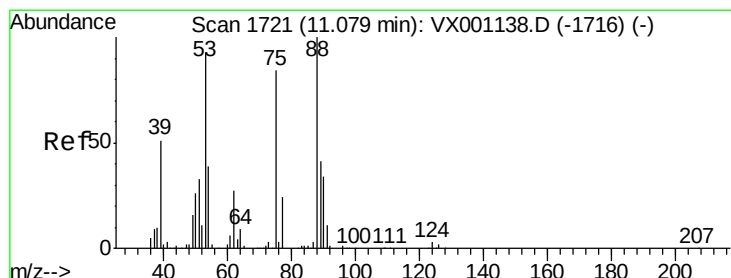
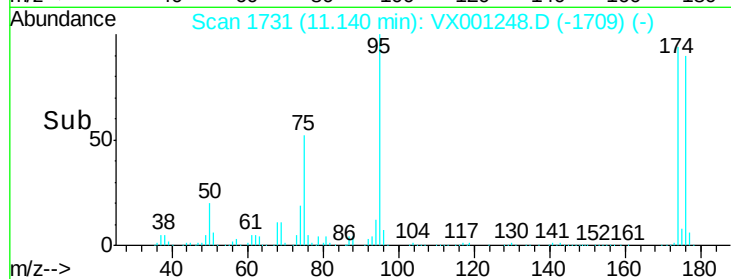
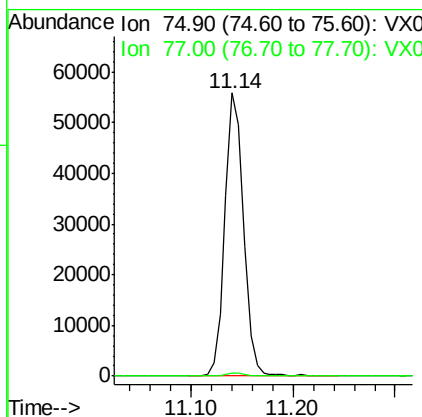
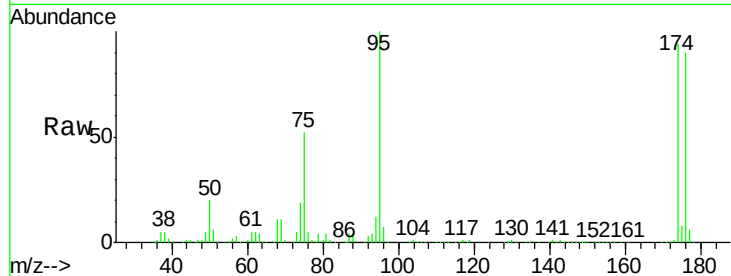




#76
 1,2,3-Trichloropropane
 Concen: 28.09 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001248.D
 Acq: 29 Apr 2018 06:52

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-FW-MW01-20180425

Tgt Ion: 75 Resp: 71238
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.9 56.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.26 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001248.D
 Acq: 29 Apr 2018 06:52

Tgt Ion: 75 Resp: 71238
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.9 131.9#
 89 0.0 37.7 56.5#

