

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081018\
 Data File : VX003977.D
 Acq On : 10 Aug 2018 15:24
 Operator : JC/MD
 Sample : J4379-22
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-101S

Quant Time: Aug 13 10:49:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

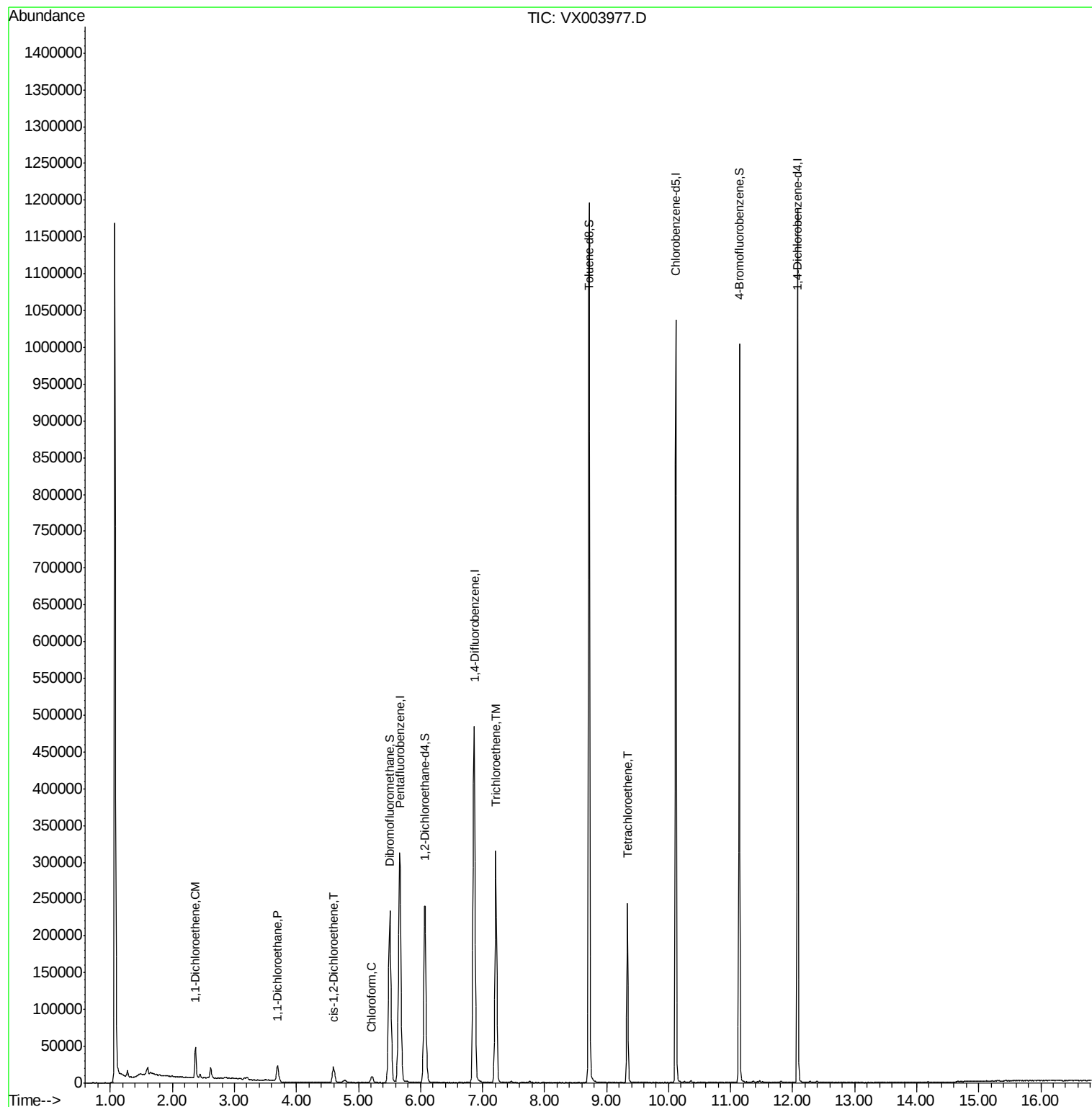
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	317734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	501383	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	466653	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	249803	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	221842	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
35) Dibromofluoromethane	5.51	113	192754	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
50) Toluene-d8	8.72	98	699361	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.70%	
62) 4-Bromofluorobenzene	11.14	95	243416	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
Target Compounds						
12) 1,1-Dichloroethene	2.37	96	14152	4.15	ug/l	94
24) 1,1-Dichloroethane	3.70	63	22452	3.13	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	13551	3.23	ug/l	94
30) Chloroform	5.22	83	10006	1.48	ug/l	89
44) Trichloroethene	7.21	130	124001	26.89	ug/l	96
64) Tetrachloroethene	9.34	164	49774	10.84	ug/l	90

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX081018\
Data File : VX003977.D
Acq On : 10 Aug 2018 15:24
Operator : JC/MD
Sample : J4379-22
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-101S

Quant Time: Aug 13 10:49:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003977.D

Acq: 10 Aug 2018 15:24

Instrument :

MSVOA_X

ClientSampleId :

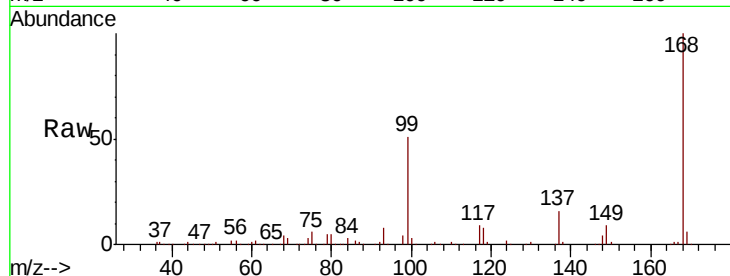
MW-101S

Tot Ion:168 Resp: 317734

Ion Ratio Lower Upper

168 100

99 51.0 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

60000

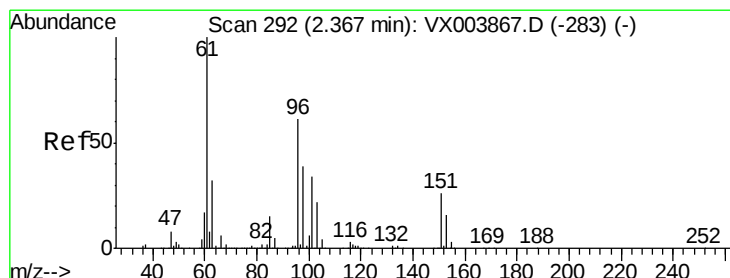
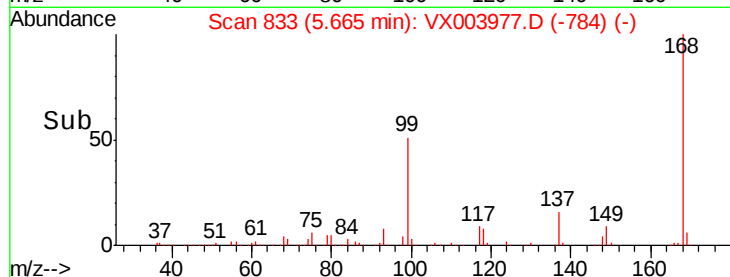
40000

20000

0

Time-->

5.60 5.80 6.00



#12

1,1-Dichloroethene

Concen: 4.15 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.01 min

Lab File: VX003977.D

Acq: 10 Aug 2018 15:24

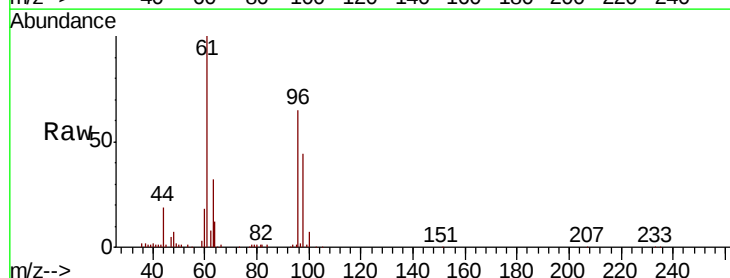
Tgt Ion: 96 Resp: 14152

Ion Ratio Lower Upper

96 100

61 154.9 131.3 196.9

98 68.5 51.8 77.6



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

15000

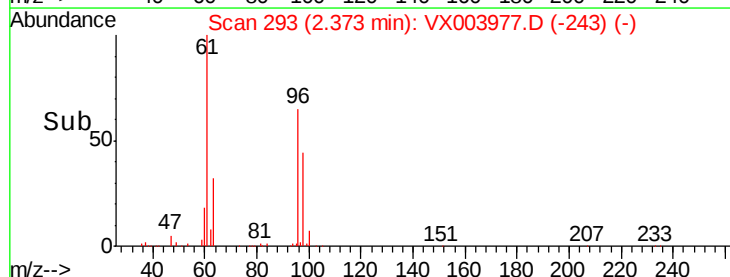
10000

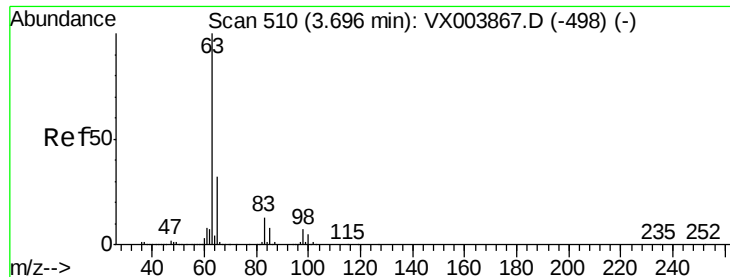
5000

0

Time-->

2.30 2.35 2.40 2.45





#24

1,1-Dichloroethane

Concen: 3.13 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003977.D

Acq: 10 Aug 2018 15:24

Instrument :

MSVOA_X

ClientSampleId :

MW-101S

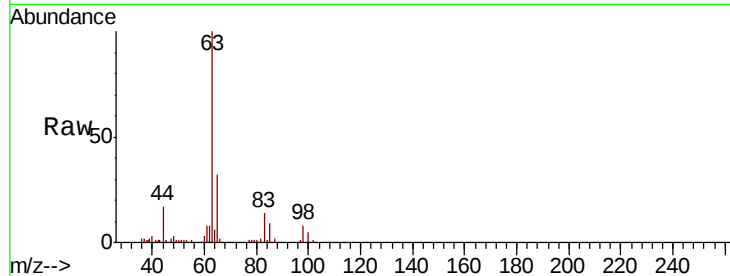
Tot Ion: 63 Resp: 22452

Ion Ratio Lower Upper

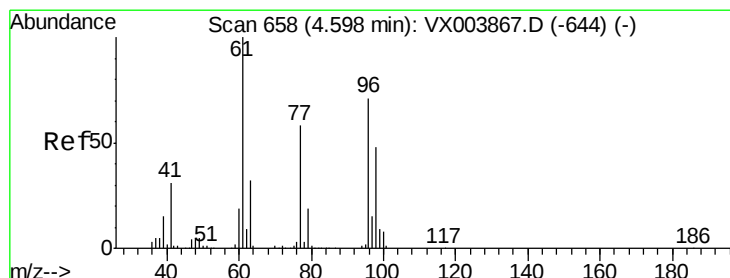
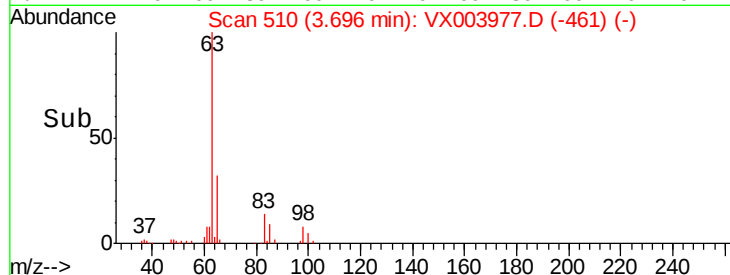
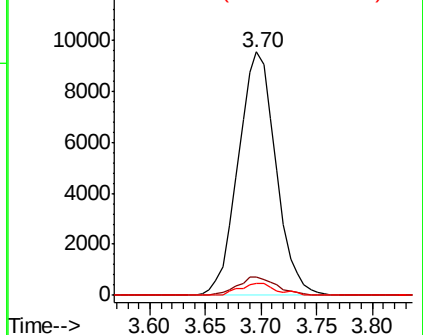
63 100

98 7.6 3.5 10.5

100 5.1 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 3.23 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX003977.D

Acq: 10 Aug 2018 15:24

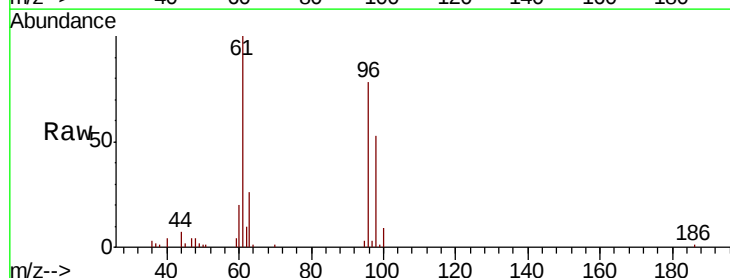
Tgt Ion: 96 Resp: 13551

Ion Ratio Lower Upper

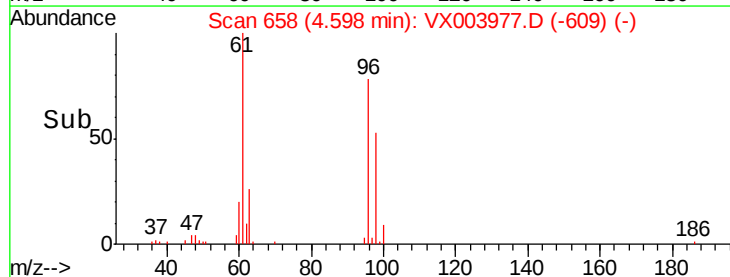
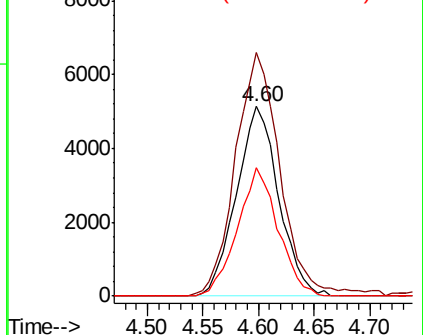
96 100

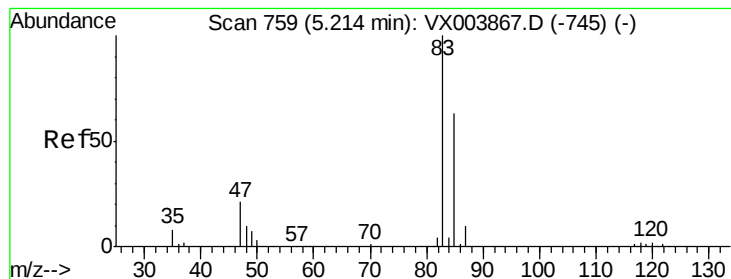
61 136.7 0.0 293.0

98 64.7 0.0 131.8



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





#30

Chloroform

Concen: 1.48 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX003977.D

Acq: 10 Aug 2018 15:24

Instrument :

MSVOA_X

ClientSampleId :

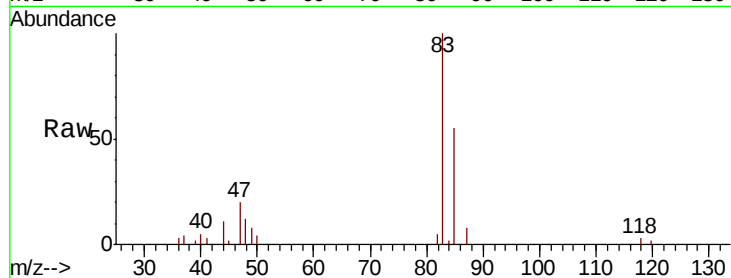
MW-101S

Tot Ion: 83 Resp: 10006

Ion Ratio Lower Upper

83 100

85 55.0 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX003867.D (-745) (-)

Ion 84.90 (84.60 to 85.60): VX003867.D (-745) (-)

5.22

3000

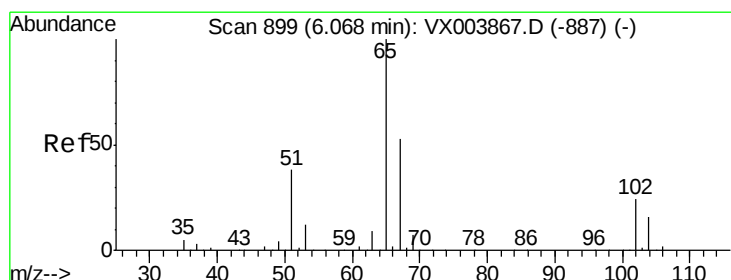
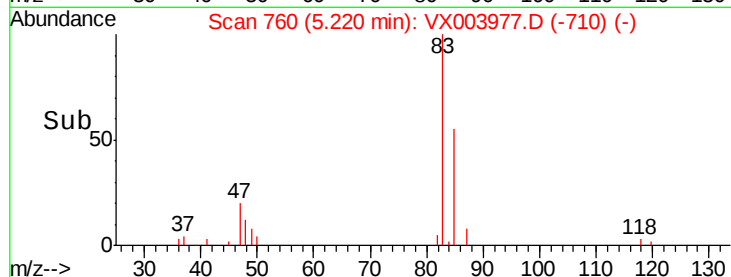
2000

1000

0

Time-->

5.10 5.20 5.30



#33

1,2-Dichloroethane-d4

Concen: 52.67 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX003977.D

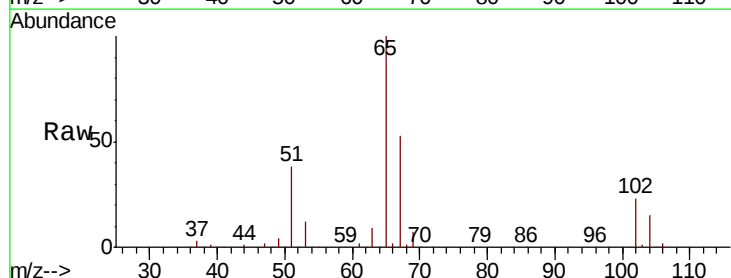
Acq: 10 Aug 2018 15:24

Tgt Ion: 65 Resp: 221842

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX003867.D (-887) (-)

Ion 66.90 (66.60 to 67.60): VX003867.D (-887) (-)

6.07

100000

80000

60000

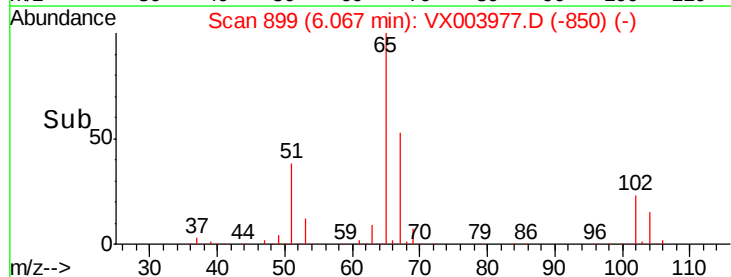
40000

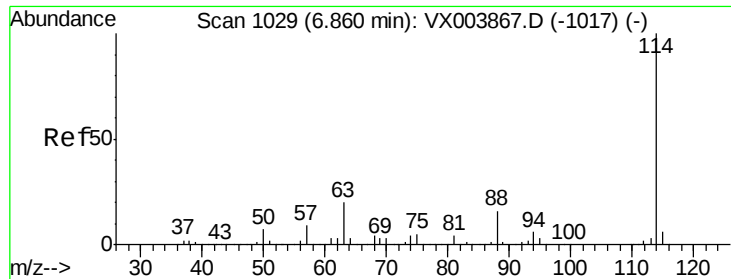
20000

0

Time-->

5.90 6.00 6.10 6.20

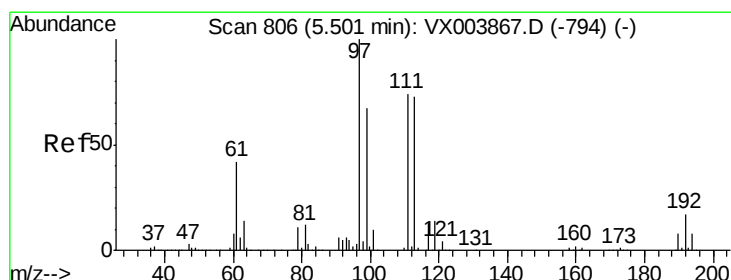
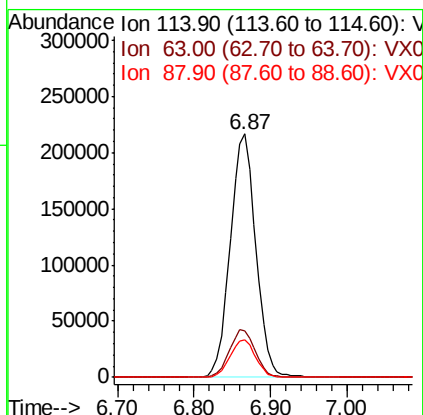
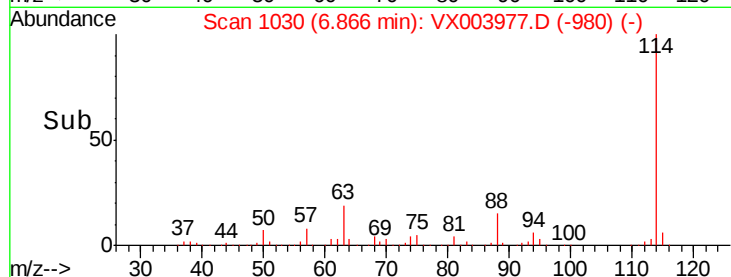
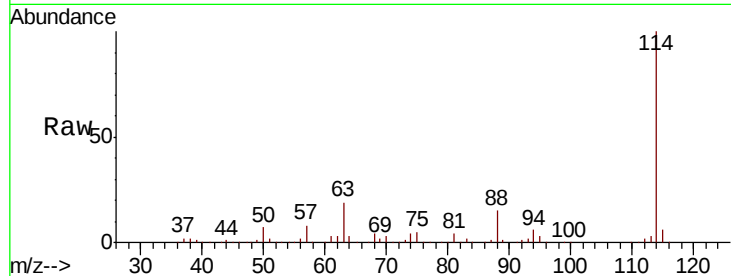




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.01 min
Lab File: VX003977.D
Acq: 10 Aug 2018 15:24

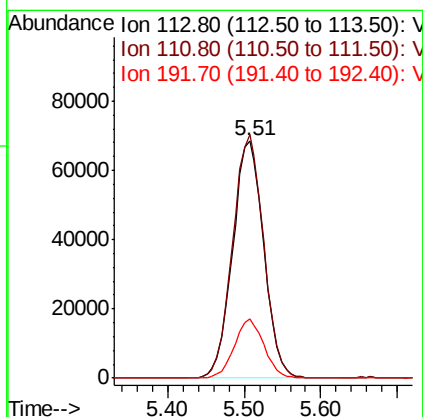
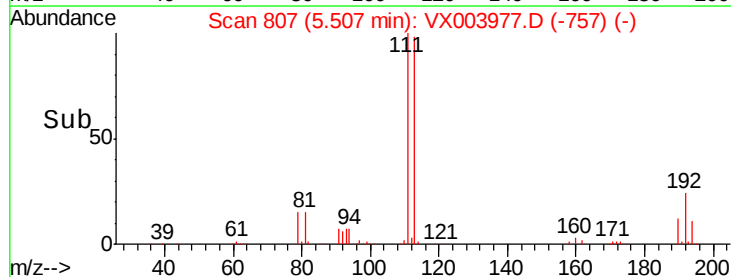
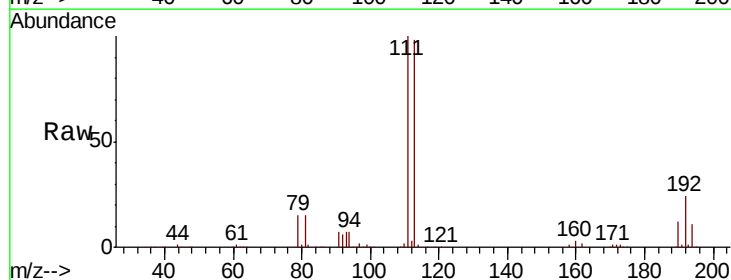
Instrument :
MSVOA_X
ClientSampleId :
MW-101S

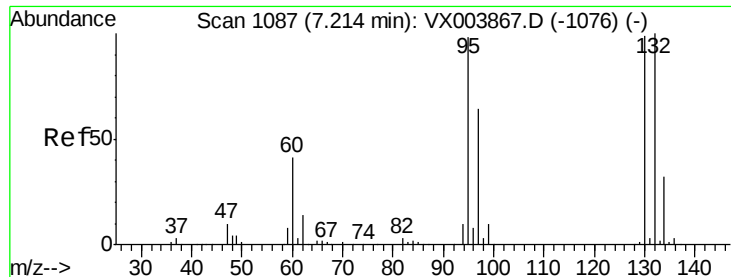
Tot Ion:114 Resp: 501383
Ion Ratio Lower Upper
114 100
63 19.0 0.0 39.0
88 15.2 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.75 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX003977.D
Acq: 10 Aug 2018 15:24

Tgt Ion:113 Resp: 192754
Ion Ratio Lower Upper
113 100
111 102.3 82.0 123.0
192 23.7 19.0 28.4





#44

Trichloroethene

Concen: 26.89 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX003977.D

Acq: 10 Aug 2018 15:24

Instrument :

MSVOA_X

ClientSampleId :

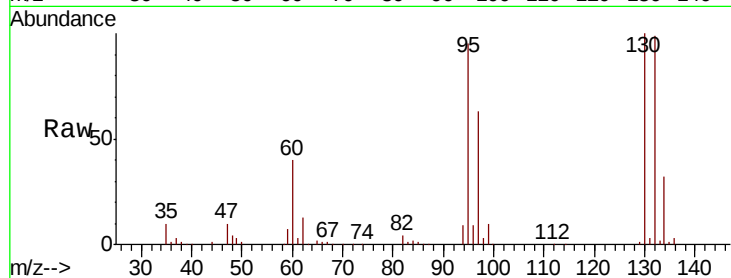
MW-101S

Tot Ion:130 Resp: 124001

Ion Ratio Lower Upper

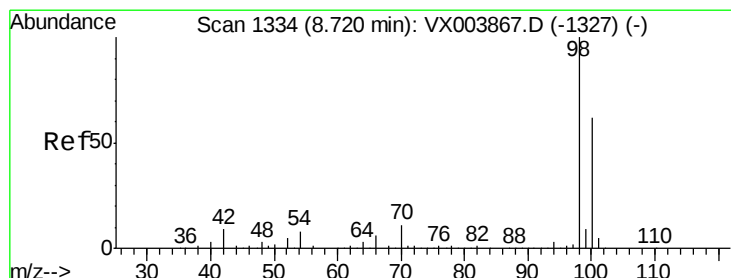
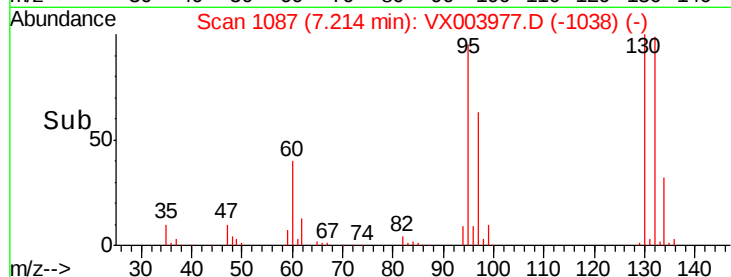
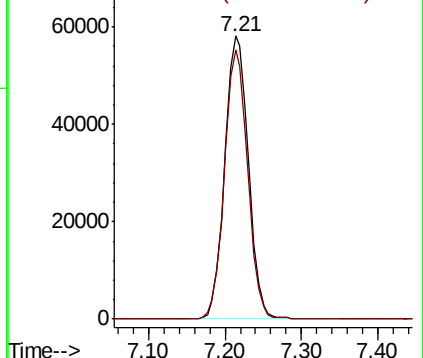
130 100

95 95.3 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 47.35 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003977.D

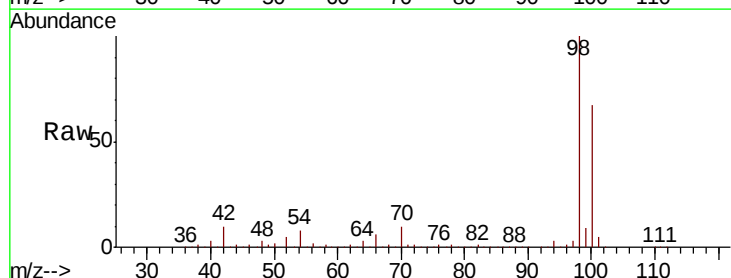
Acq: 10 Aug 2018 15:24

Tgt Ion: 98 Resp: 699361

Ion Ratio Lower Upper

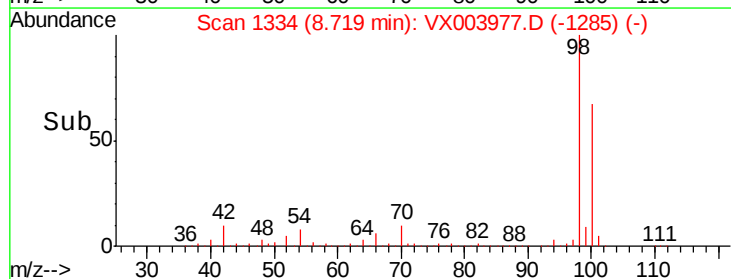
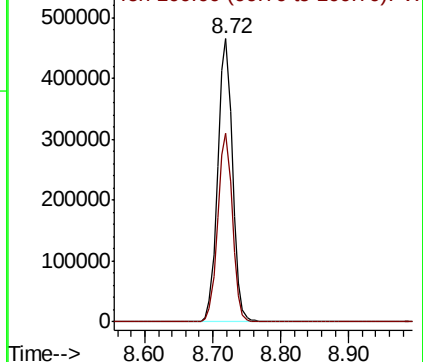
98 100

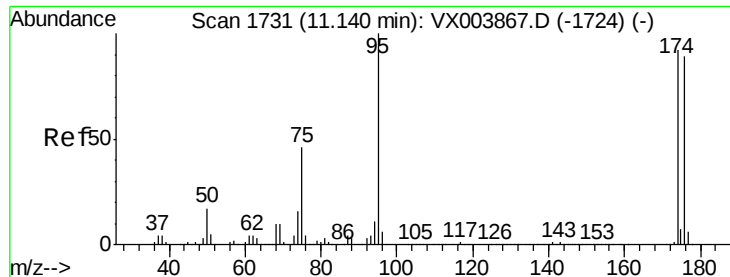
100 66.2 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 50.93 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003977.D

Acq: 10 Aug 2018 15:24

Instrument :

MSVOA_X

ClientSampled :

MW-101S

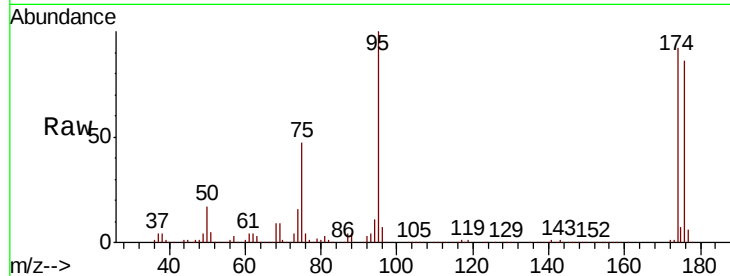
Tot Ion: 95 Resp: 243416

Ion Ratio Lower Upper

95 100

174 92.6 0.0 182.8

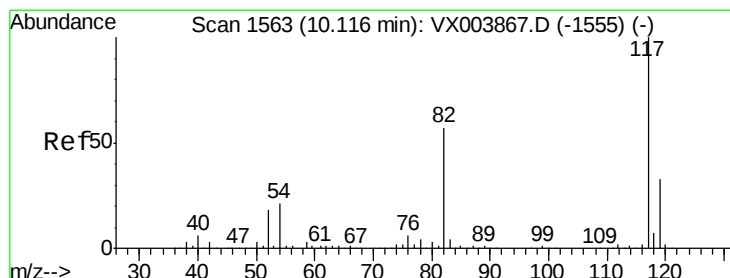
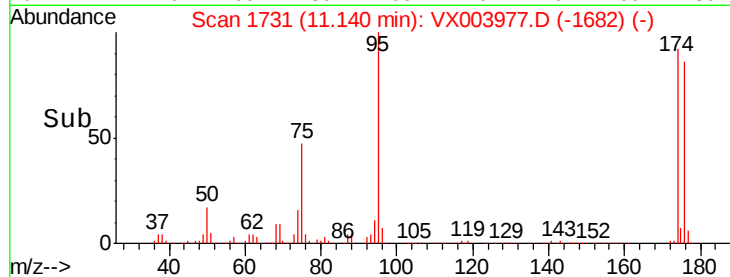
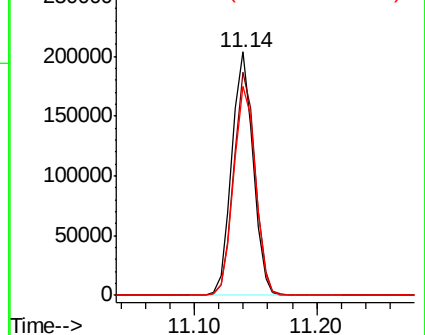
176 88.5 0.0 179.0



Abundance Ion 94.90 (94.60 to 95.60): VX003867.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX003867.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX003867.D (-1724) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003977.D

Acq: 10 Aug 2018 15:24

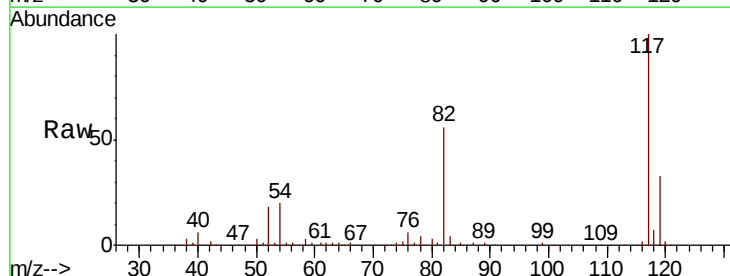
Tgt Ion: 117 Resp: 466653

Ion Ratio Lower Upper

117 100

82 56.0 45.4 68.0

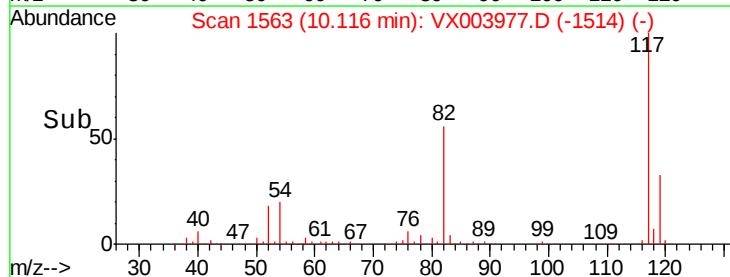
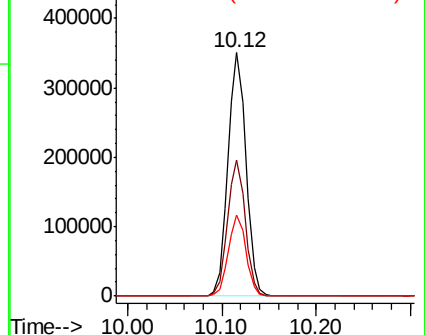
119 33.0 26.6 40.0

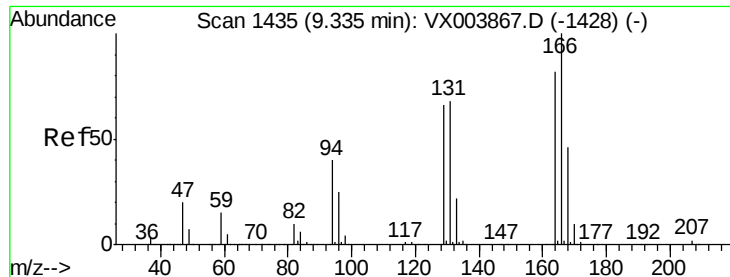


Abundance Ion 116.90 (116.60 to 117.60): VX003867.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX003867.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX003867.D (-1555) (-)





#64

Tetrachloroethene

Concen: 10.84 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VX003977.D

Acq: 10 Aug 2018 15:24

Instrument :

MSVOA_X

ClientSampleId :

MW-101S

Tot Ion:164 Resp: 49774

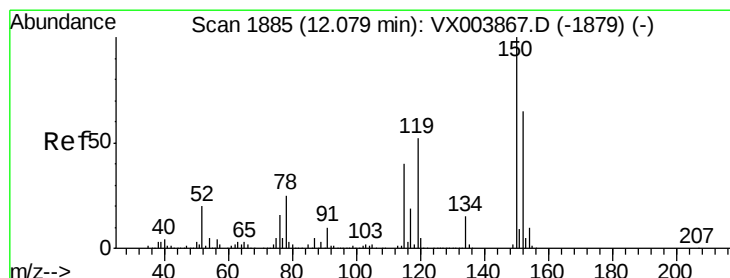
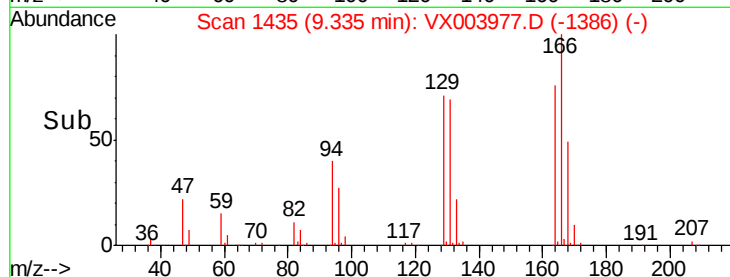
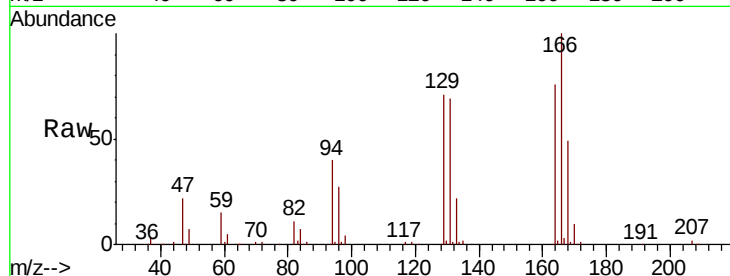
Ion Ratio Lower Upper

164 100

166 131.6 98.0 147.0

129 94.0 64.3 96.5

131 90.4 66.8 100.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX003977.D

Acq: 10 Aug 2018 15:24

Tgt Ion:152 Resp: 249803

Ion Ratio Lower Upper

152 100

115 56.6 39.1 117.3

150 157.4 0.0 349.2

