

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081018\
 Data File : VX003975.D
 Acq On : 10 Aug 2018 14:30
 Operator : JC/MD
 Sample : J4379-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-102I

Quant Time: Aug 13 10:47:34 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

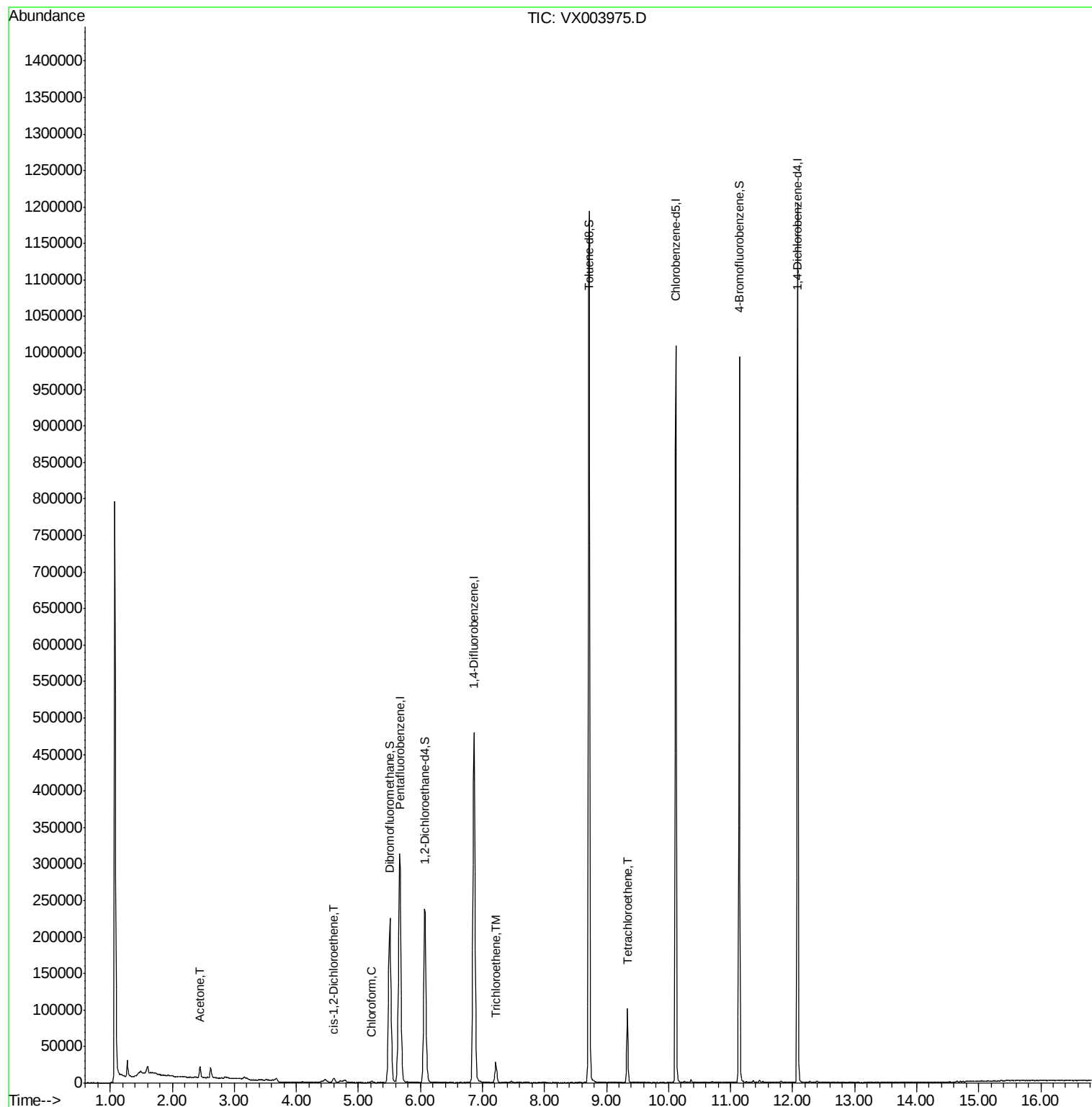
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	320361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	499969	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	465007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	255033	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	221695	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
35) Dibromofluoromethane	5.51	113	192562	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
50) Toluene-d8	8.72	98	702346	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.36%	
62) 4-Bromofluorobenzene	11.14	95	242591	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
Target Compounds						
16) Acetone	2.45	43	15815	6.26	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	3284	0.78	ug/l	78
30) Chloroform	5.22	83	1837	0.27	ug/l	85
44) Trichloroethene	7.21	130	10899	2.37	ug/l	99
64) Tetrachloroethene	9.34	164	20784	4.54	ug/l #	89

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003975.D

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Instrument :

MSVOA_X

ClientSampleId :

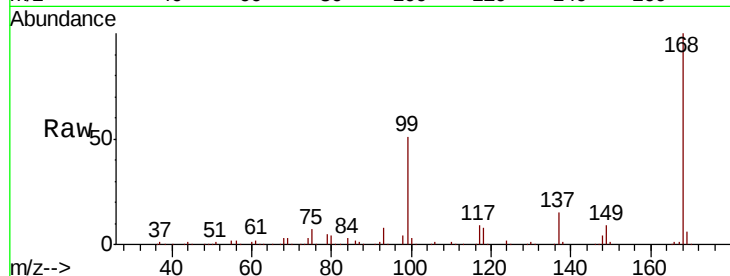
MW-102I

Tot Ion:168 Resp: 320361

Ion Ratio Lower Upper

168 100

99 50.6 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

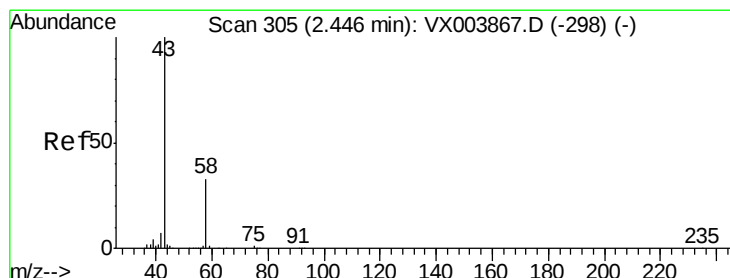
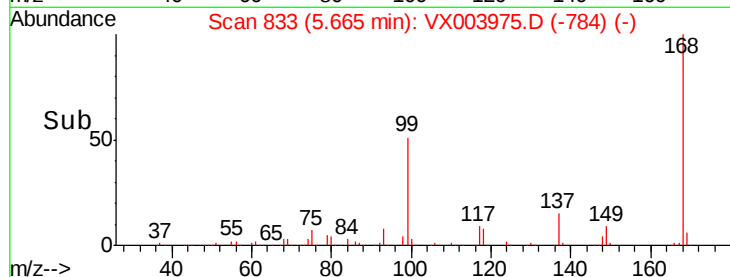
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.26 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003975.D

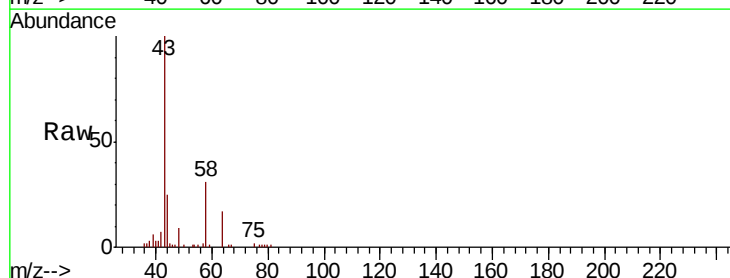
Acq: 10 Aug 2018 14:30

Tgt Ion: 43 Resp: 15815

Ion Ratio Lower Upper

43 100

58 31.1 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

12000

10000

8000

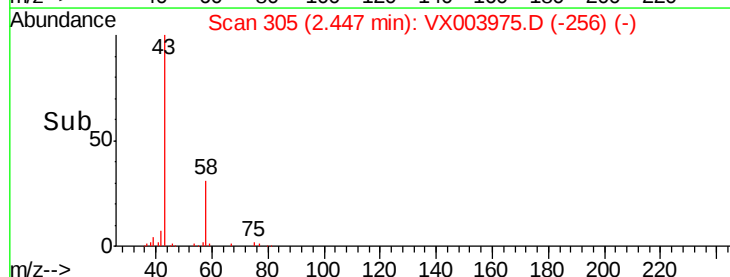
6000

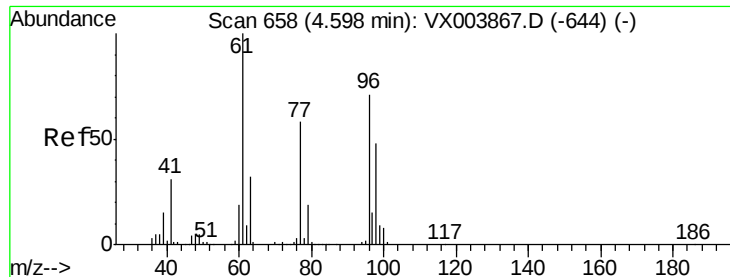
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#27

cis-1,2-Dichloroethene

Concen: 0.78 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003975.D

Acq: 10 Aug 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

MW-102I

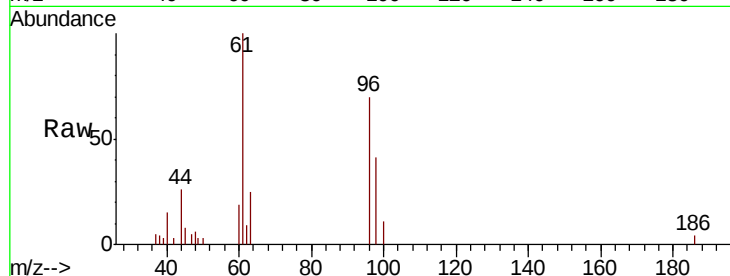
Tot Ion: 96 Resp: 3284

Ion Ratio Lower Upper

96 100

61 184.2 0.0 293.0

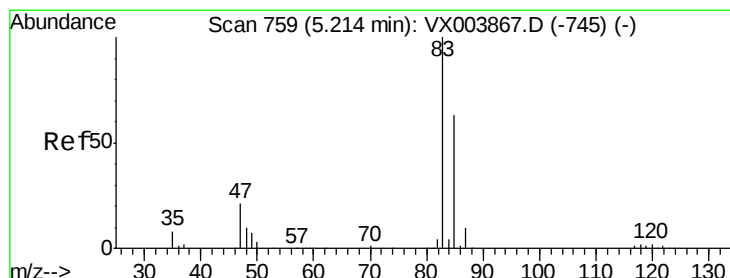
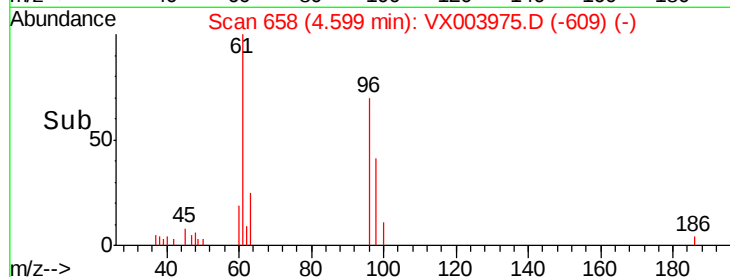
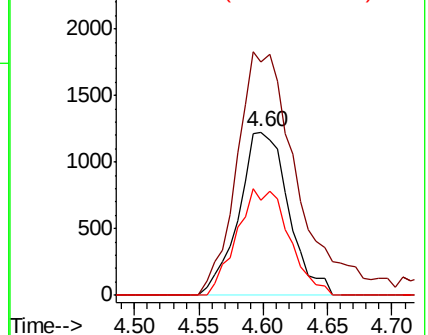
98 68.3 0.0 131.8



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: 0.27 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX003975.D

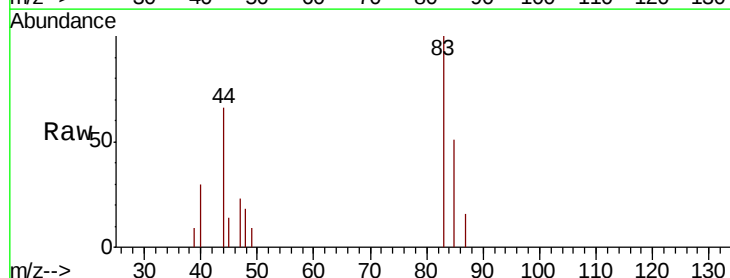
Acq: 10 Aug 2018 14:30

Tgt Ion: 83 Resp: 1837

Ion Ratio Lower Upper

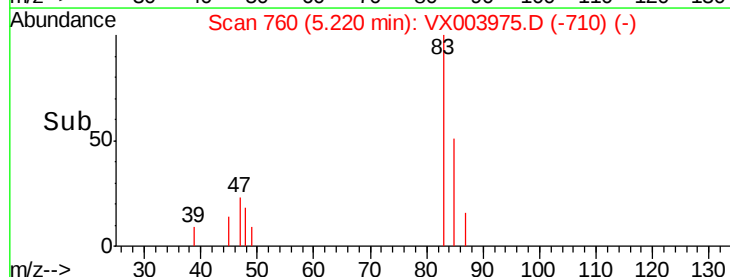
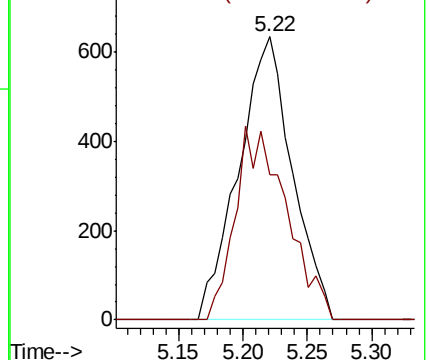
83 100

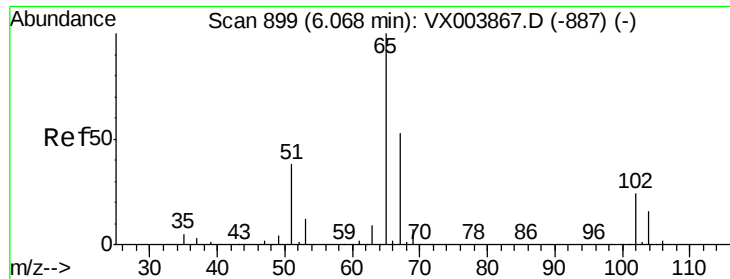
85 51.4 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

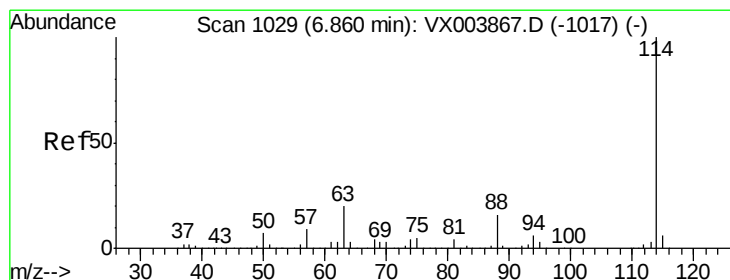
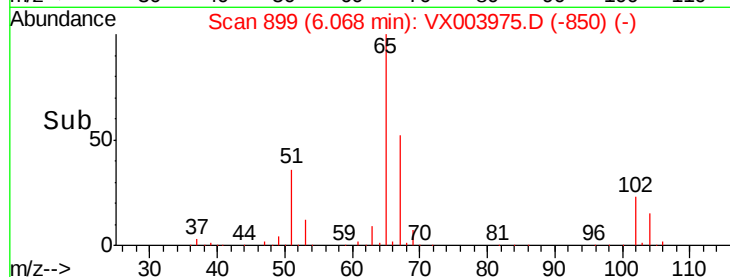
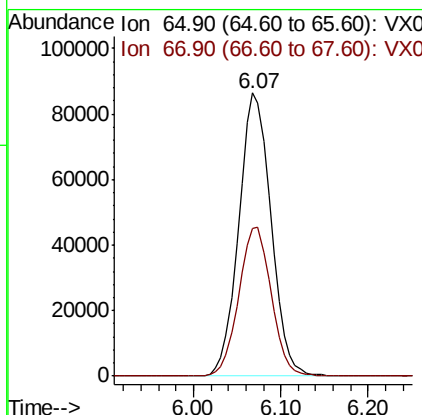
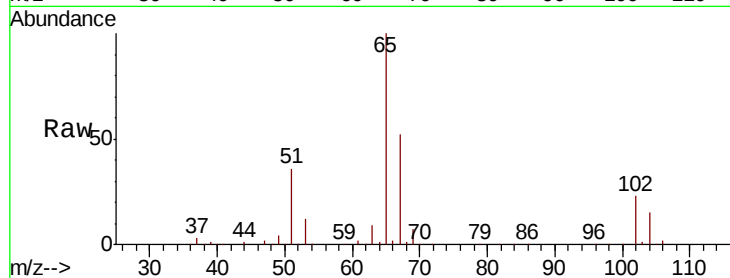




#33
 1,2-Dichloroethane-d4
 Concen: 52.20 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003975.D
 Acq: 10 Aug 2018 14:30

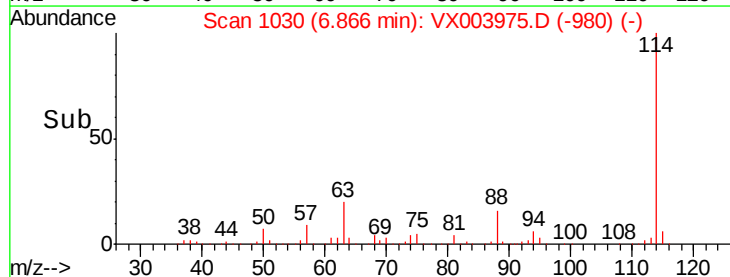
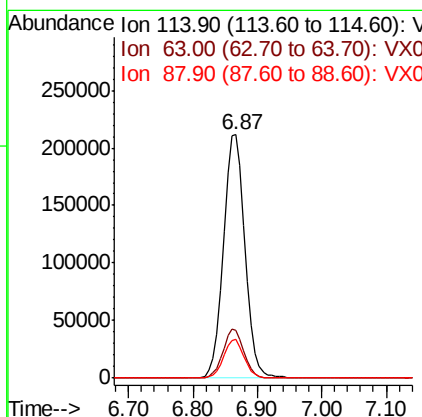
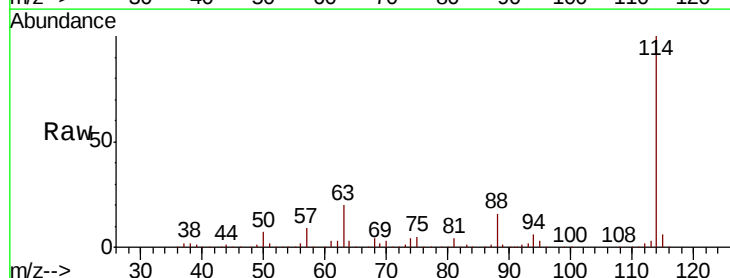
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-102I

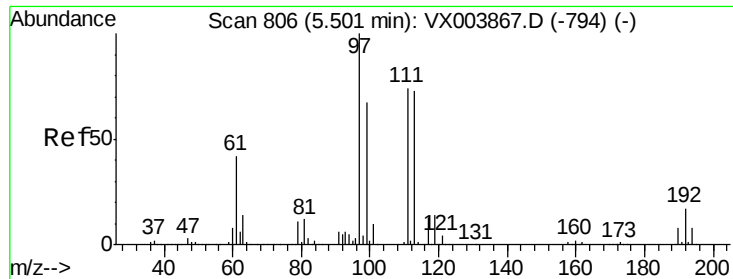
Tot Ion: 65 Resp: 221695
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX003975.D
 Acq: 10 Aug 2018 14:30

Tgt Ion: 114 Resp: 499969
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 15.7 0.0 32.0

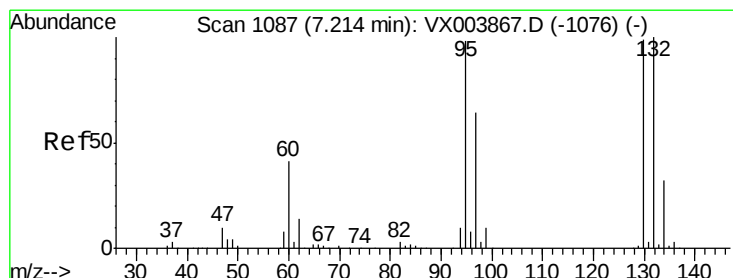
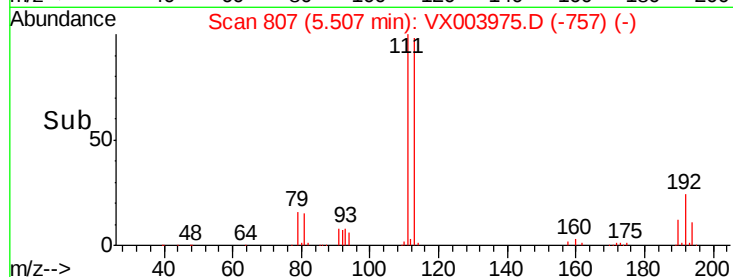
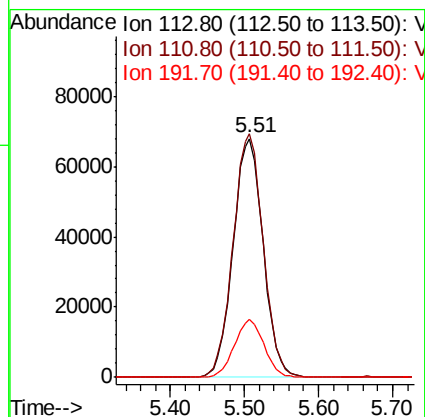
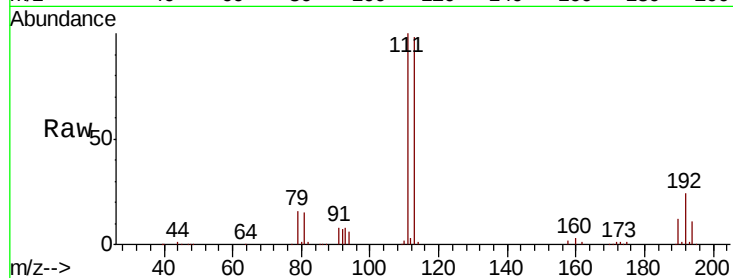




#35
 Dibromofluoromethane
 Concen: 50.84 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX003975.D
 Acq: 10 Aug 2018 14:30

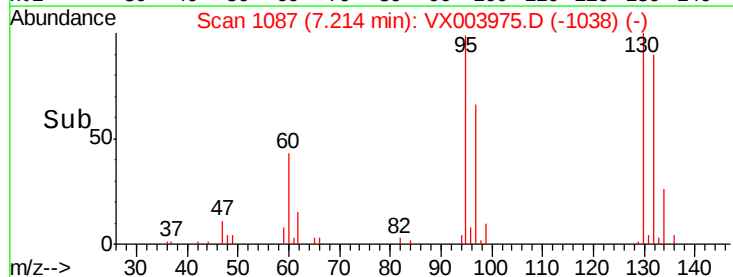
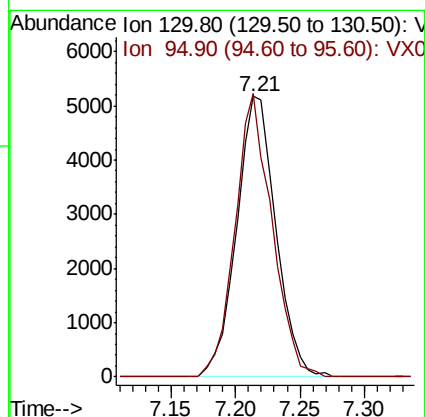
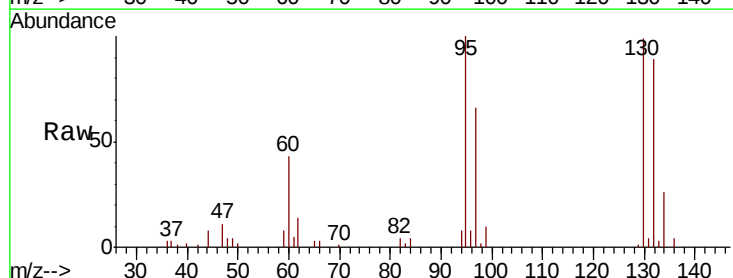
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-102I

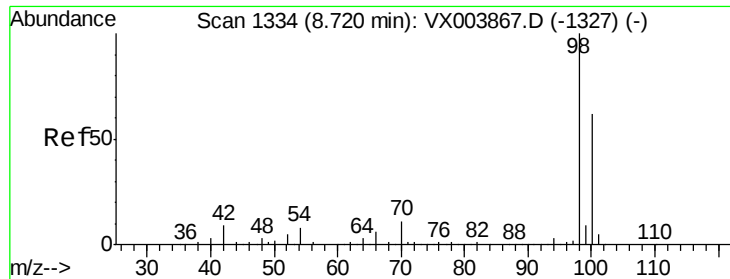
Tot Ion:113 Resp: 192562
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.0 123.0
 192 23.9 19.0 28.4



#44
 Trichloroethene
 Concen: 2.37 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003975.D
 Acq: 10 Aug 2018 14:30

Tgt Ion:130 Resp: 10899
 Ion Ratio Lower Upper
 130 100
 95 101.0 0.0 199.4





#50

Toluene-d8

Concen: 47.68 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003975.D

Acq: 10 Aug 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

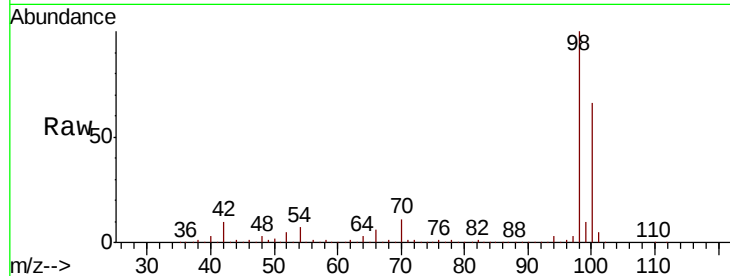
MW-102I

Tot Ion: 98 Resp: 702346

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

8.72

500000

400000

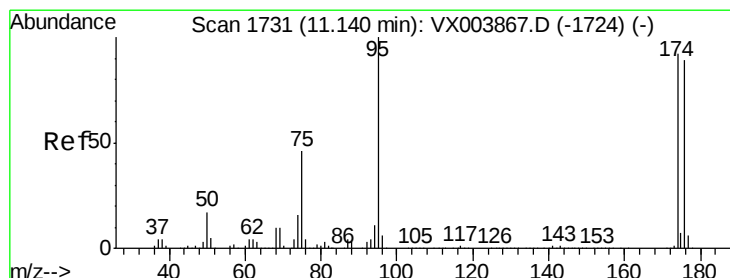
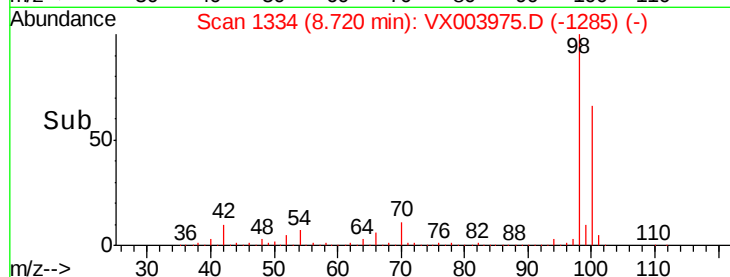
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.90 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003975.D

Acq: 10 Aug 2018 14:30

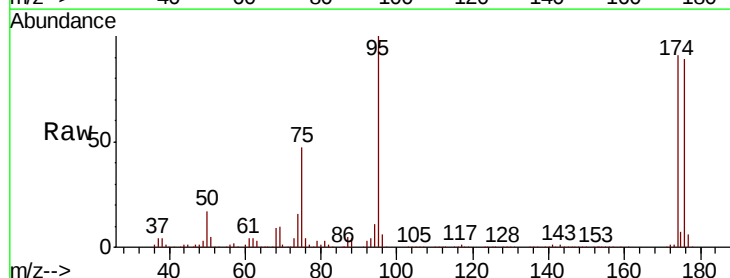
Tgt Ion: 95 Resp: 242591

Ion Ratio Lower Upper

95 100

174 92.0 0.0 182.8

176 89.9 0.0 179.0



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

250000

200000

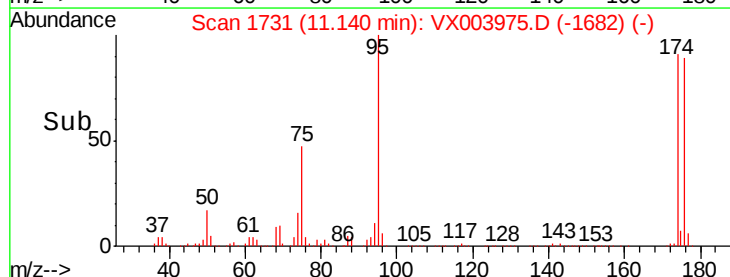
150000

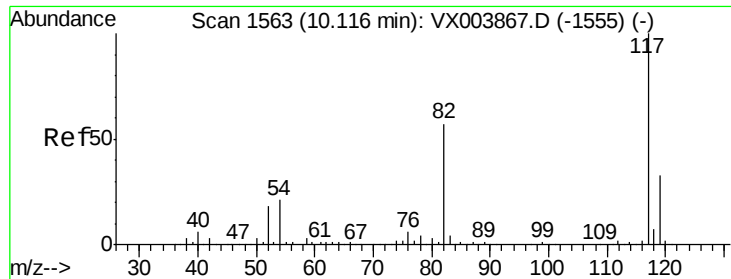
100000

50000

0

Time-->

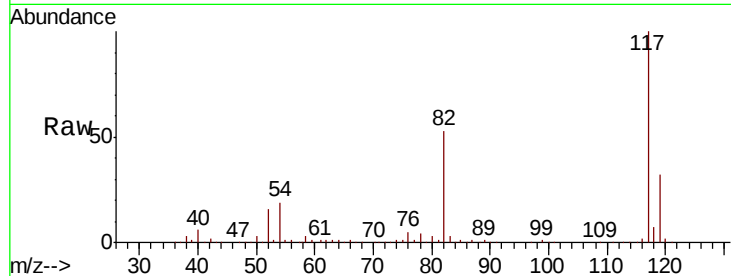




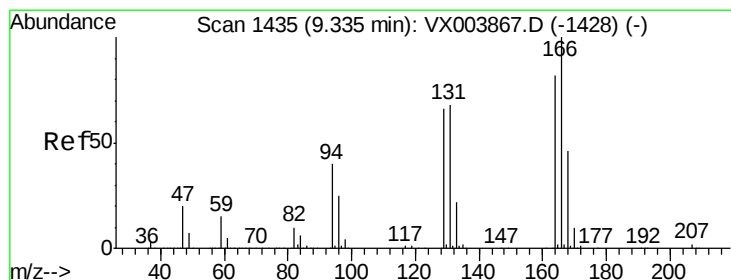
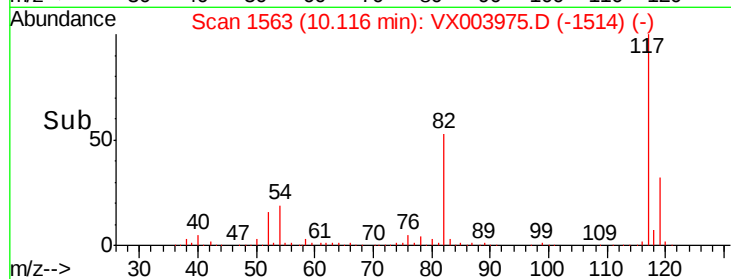
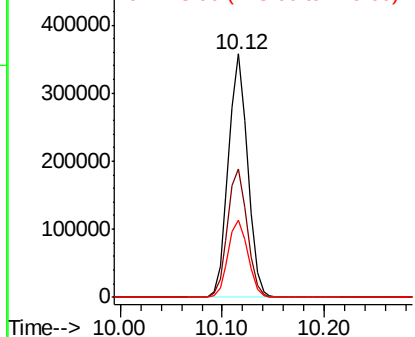
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003975.D
Acq: 10 Aug 2018 14:30

Instrument :
MSVOA_X
ClientSampleId :
MW-102I

Tot Ion:117 Resp: 465007
Ion Ratio Lower Upper
117 100
82 52.6 45.4 68.0
119 31.7 26.6 40.0

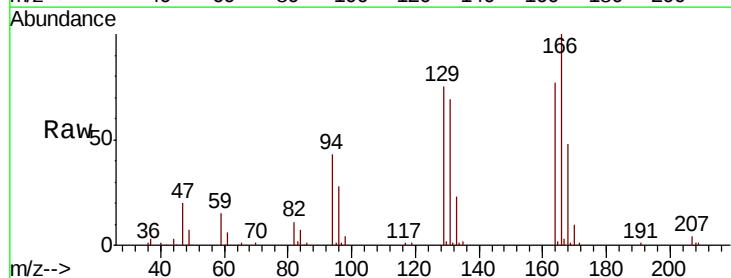


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

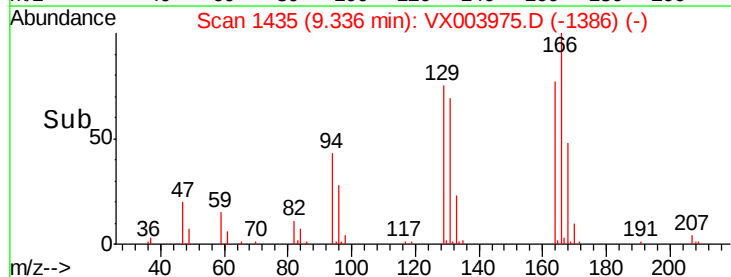
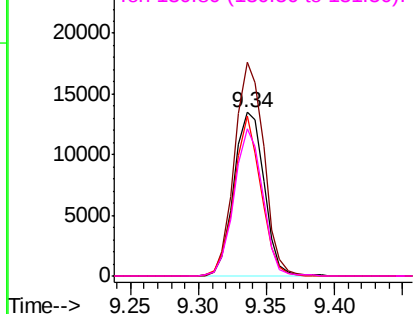


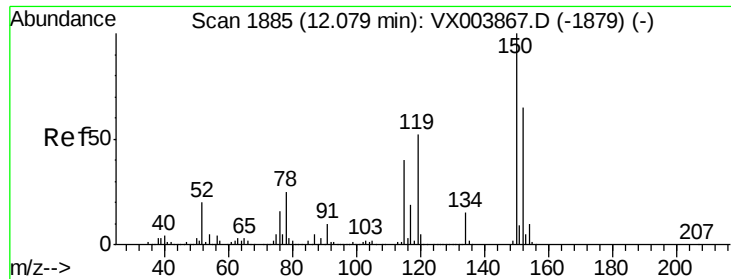
#64
Tetrachloroethene
Concen: 4.54 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003975.D
Acq: 10 Aug 2018 14:30

Tgt Ion:164 Resp: 20784
Ion Ratio Lower Upper
164 100
166 130.5 98.0 147.0
129 97.7 64.3 96.5#
131 90.0 66.8 100.2



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: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003975.D

Acq: 10 Aug 2018 14:30

Instrument :

MSVOA_X

ClientSampleId :

MW-102I

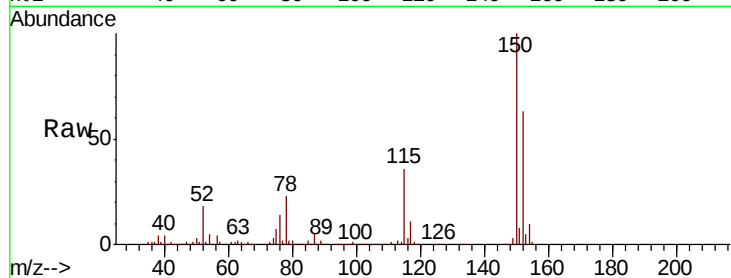
Tot Ion:152 Resp: 255033

Ion Ratio Lower Upper

152 100

115 55.0 39.1 117.3

150 153.4 0.0 349.2



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

