

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081018\
 Data File : VX003980.D
 Acq On : 10 Aug 2018 16:43
 Operator : JC/MD
 Sample : J4379-25
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103D

Quant Time: Aug 13 10:56:23 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

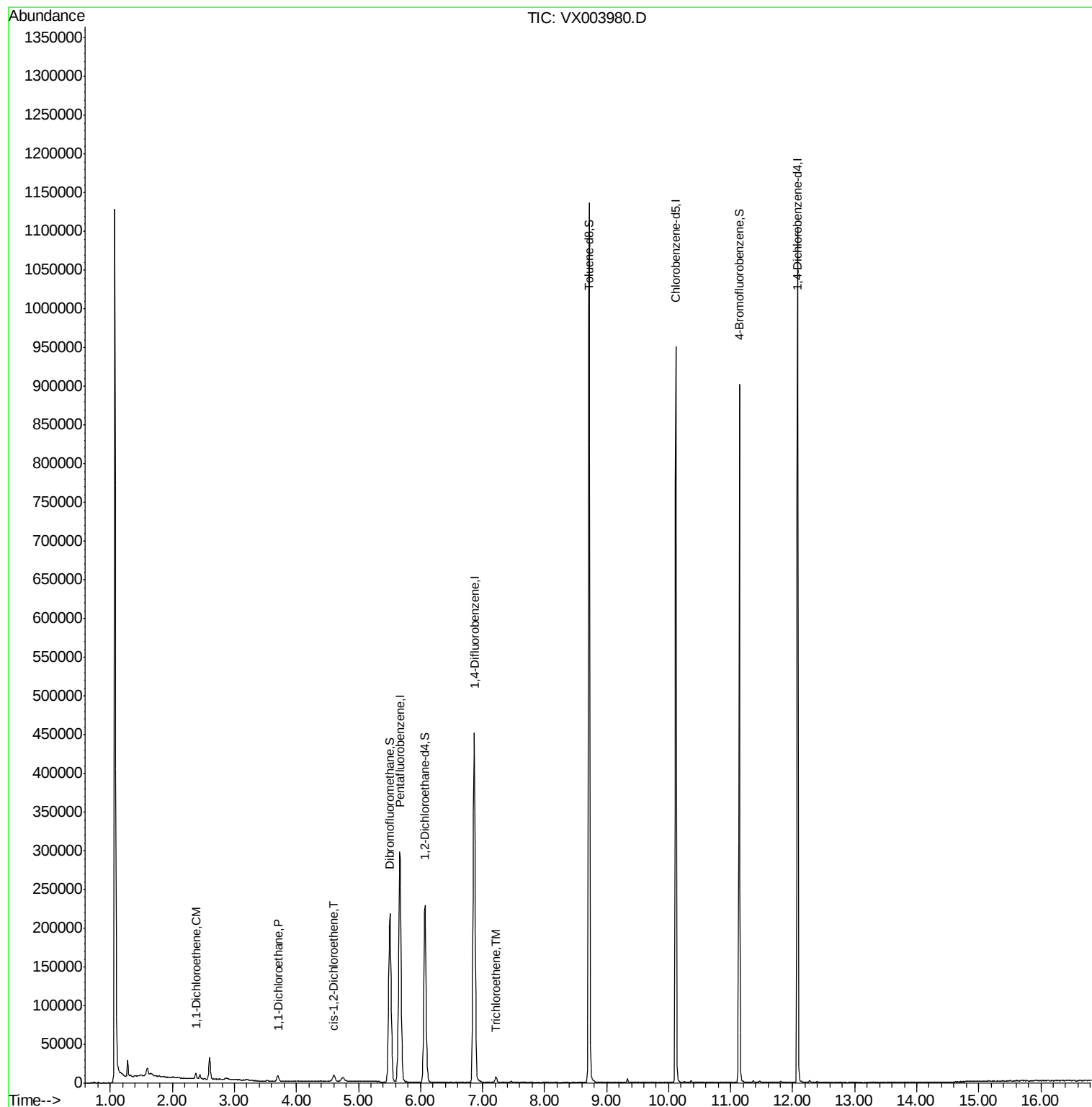
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	300698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	461590	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	428237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	226563	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	210358	52.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.54%	
35) Dibromofluoromethane	5.51	113	181316	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
50) Toluene-d8	8.72	98	637899	46.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.82%	
62) 4-Bromofluorobenzene	11.14	95	219125	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
Target Compounds						
12) 1,1-Dichloroethene	2.38	96	2347	0.73	ug/l	97
24) 1,1-Dichloroethane	3.70	63	8089	1.19	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	4674	1.18	ug/l	83
44) Trichloroethene	7.21	130	3054	0.72	ug/l	80

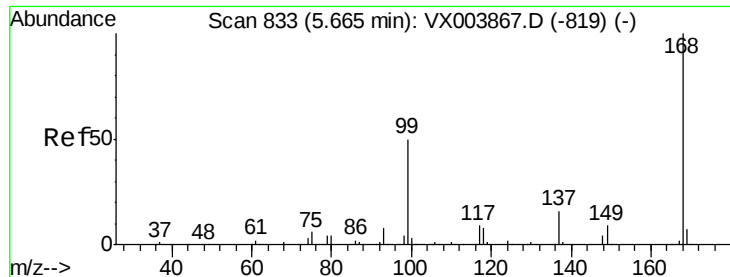
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX003980.D

Acq: 10 Aug 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

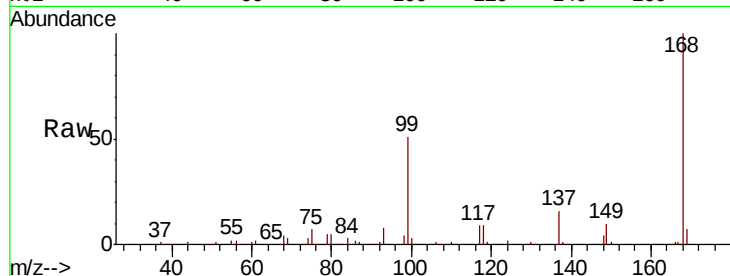
MW-103D

Tot Ion:168 Resp: 300698

Ion Ratio Lower Upper

168 100

99 51.2 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

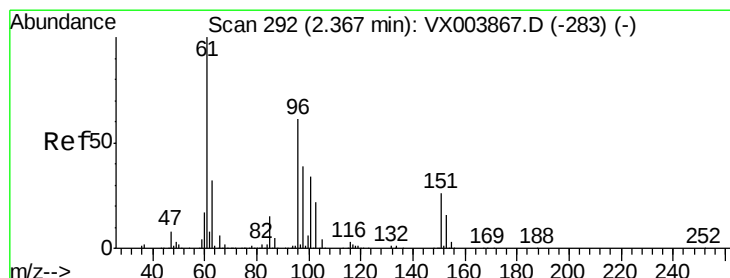
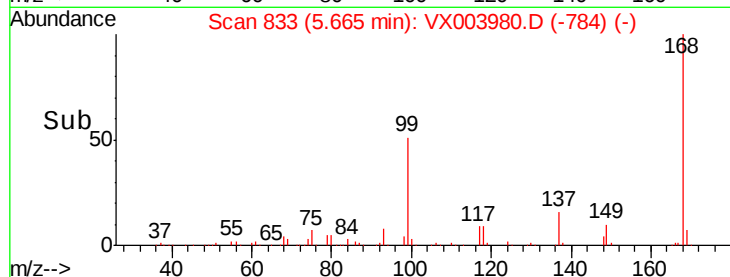
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 0.73 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX003980.D

Acq: 10 Aug 2018 16:43

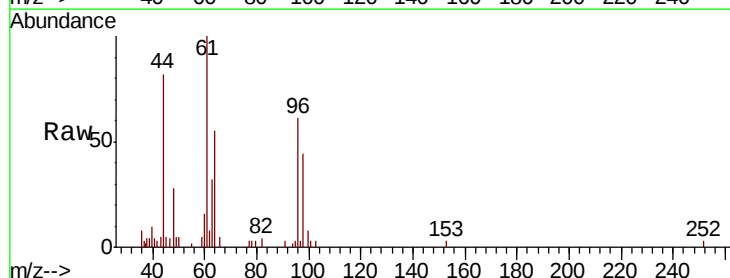
Tgt Ion: 96 Resp: 2347

Ion Ratio Lower Upper

96 100

61 164.7 131.3 196.9

98 71.7 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

3000

2500

2000

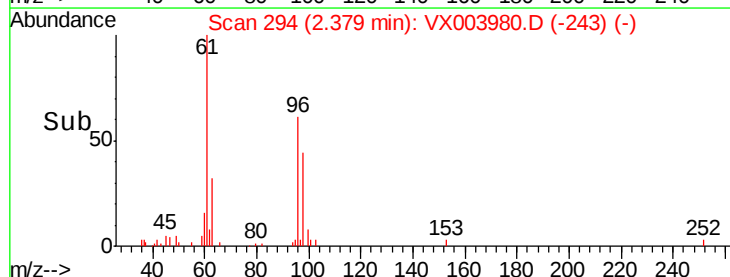
1500

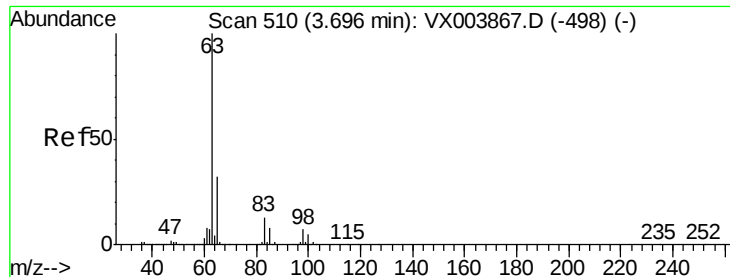
1000

500

0

Time--> 2.30 2.35 2.40 2.45





#24

1,1-Dichloroethane

Concen: 1.19 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX003980.D

Acq: 10 Aug 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

MW-103D

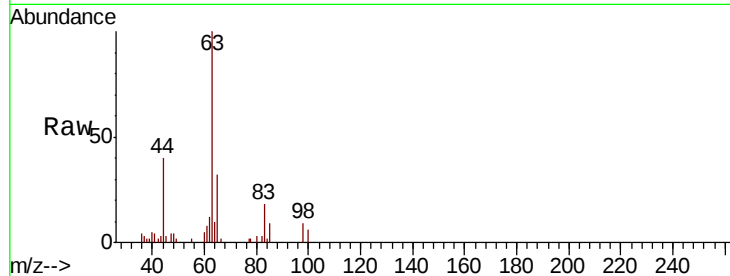
Tot Ion: 63 Resp: 8089

Ion Ratio Lower Upper

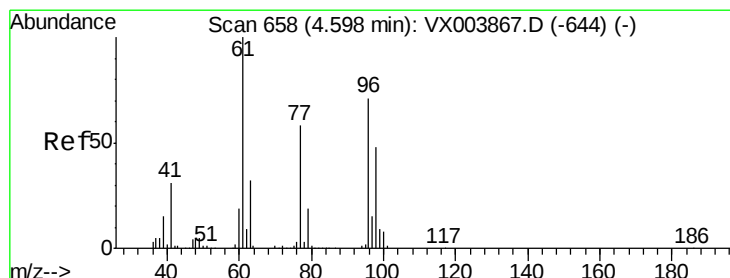
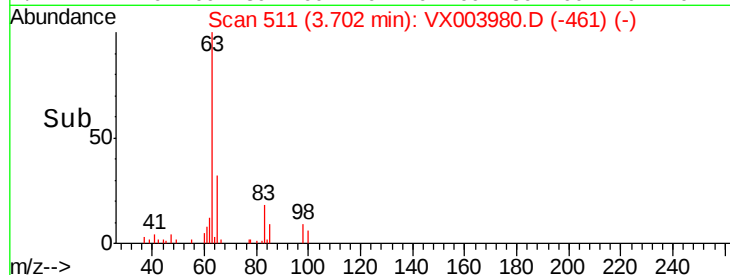
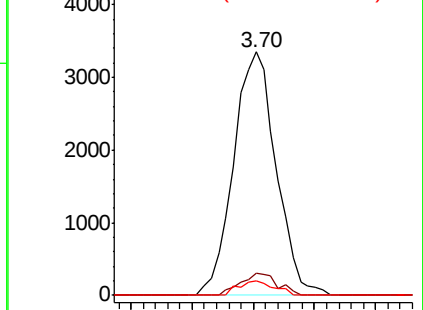
63 100

98 9.3 3.5 10.5

100 5.8 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: 1.18 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003980.D

Acq: 10 Aug 2018 16:43

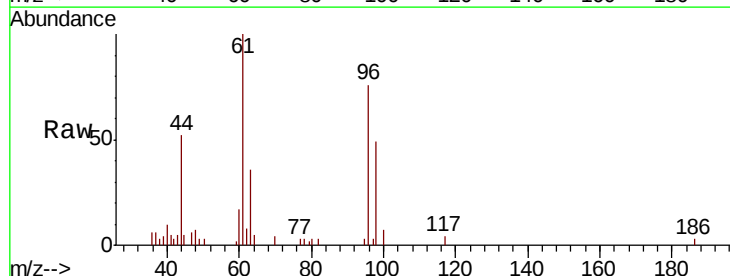
Tgt Ion: 96 Resp: 4674

Ion Ratio Lower Upper

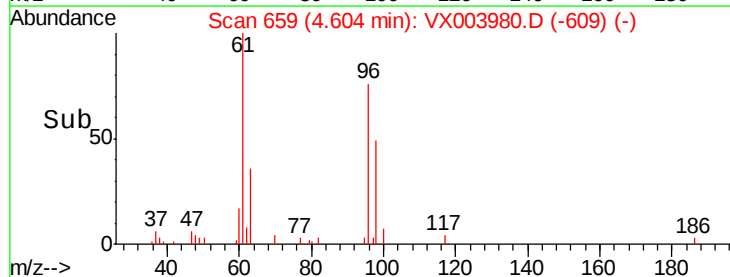
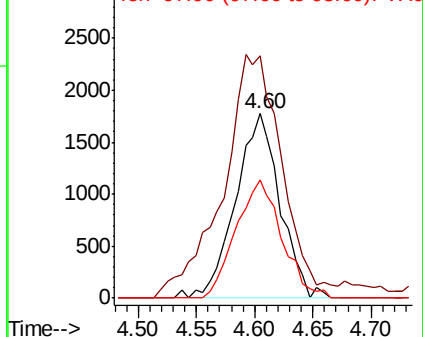
96 100

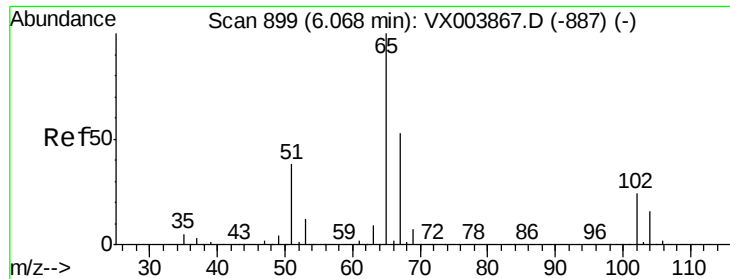
61 177.3 0.0 293.0

98 66.9 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

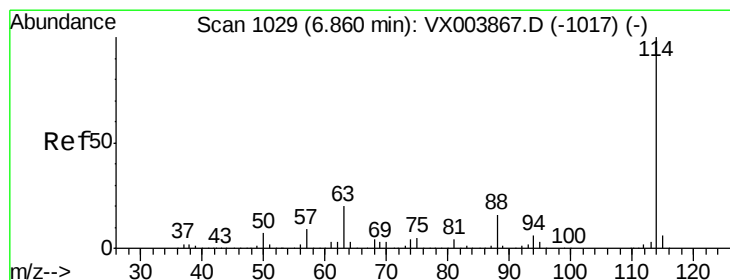
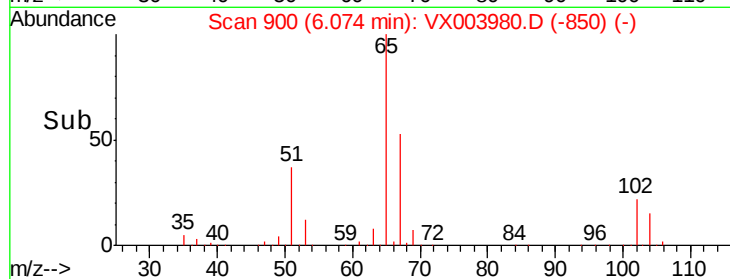
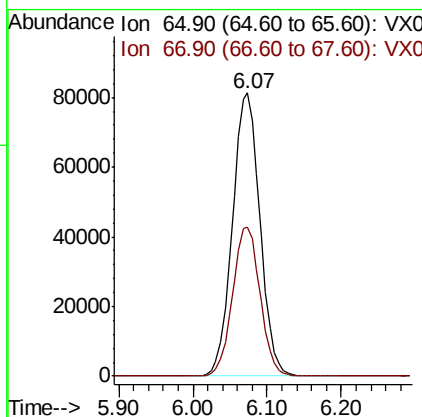
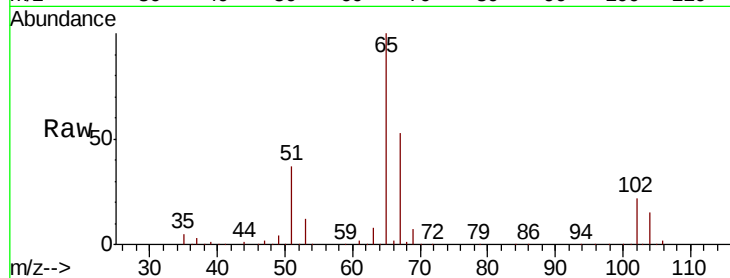




#33
 1,2-Dichloroethane-d4
 Concen: 52.77 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003980.D
 Acq: 10 Aug 2018 16:43

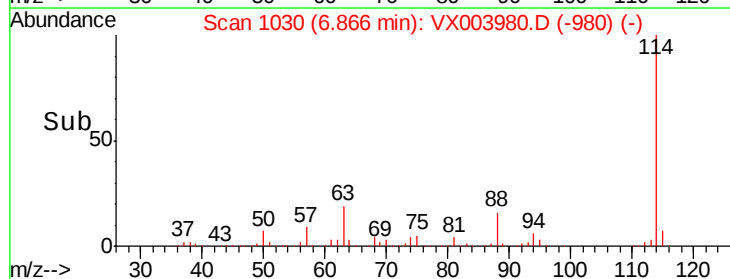
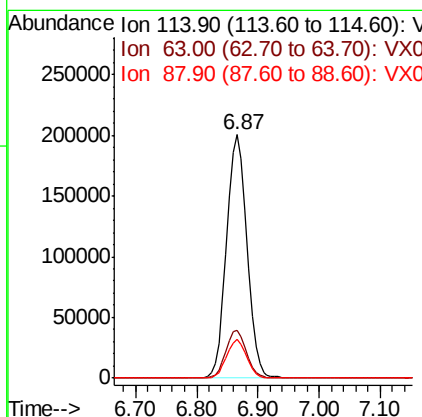
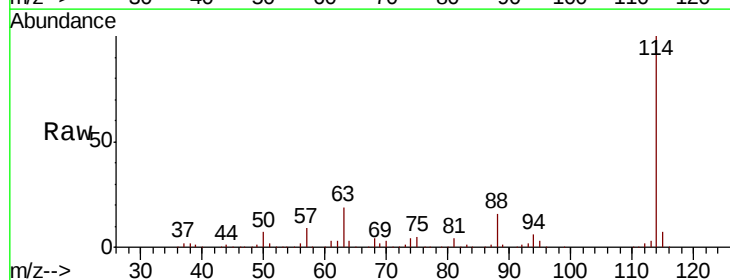
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-103D

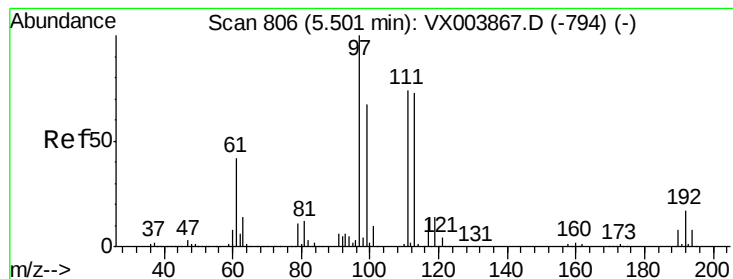
Tot Ion: 65 Resp: 210358
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX003980.D
 Acq: 10 Aug 2018 16:43

Tgt Ion: 114 Resp: 461590
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.8 0.0 32.0





#35

Dibromofluoromethane

Concen: 51.85 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX003980.D

Acq: 10 Aug 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

MW-103D

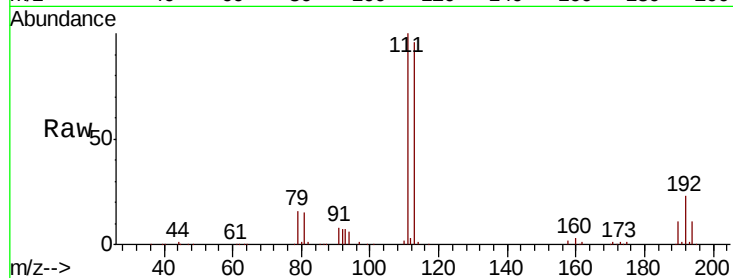
Tot Ion:113 Resp: 181316

Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

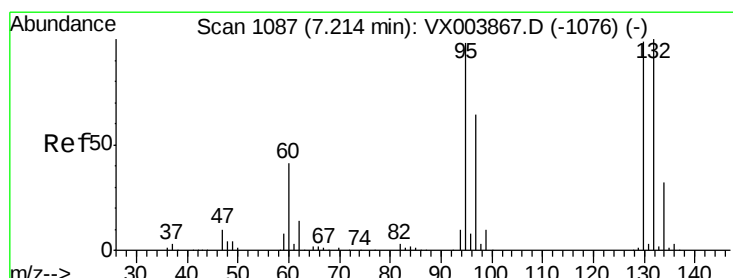
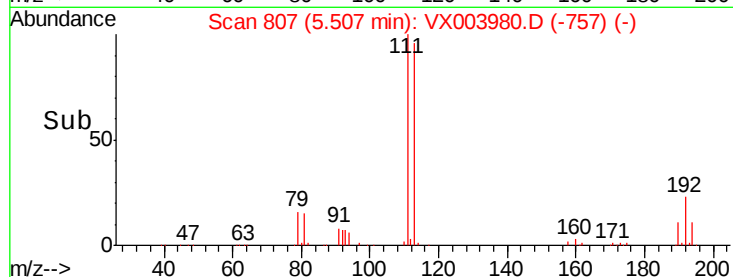
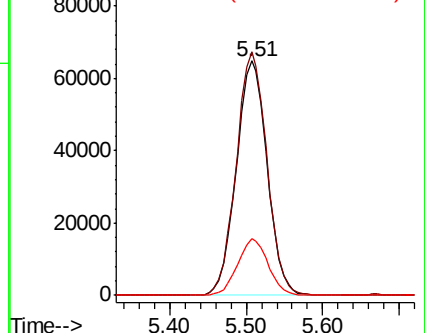
192 23.6 19.0 28.4



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



#44

Trichloroethene

Concen: 0.72 ug/l

RT: 7.21 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX003980.D

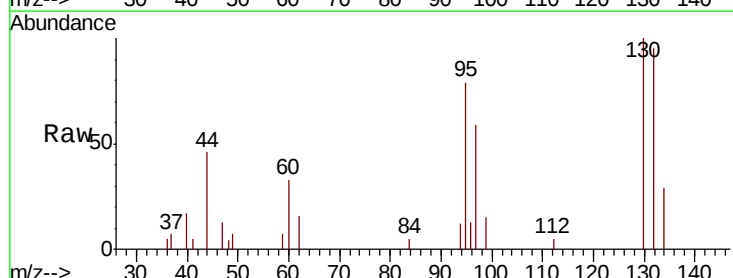
Acq: 10 Aug 2018 16:43

Tgt Ion:130 Resp: 3054

Ion Ratio Lower Upper

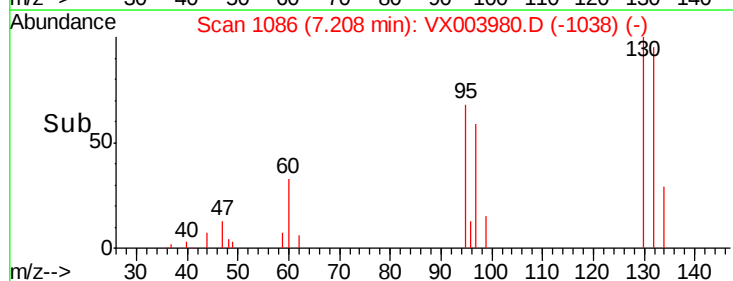
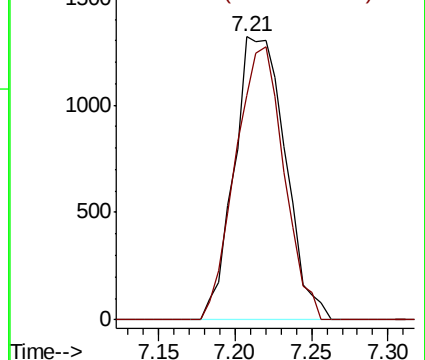
130 100

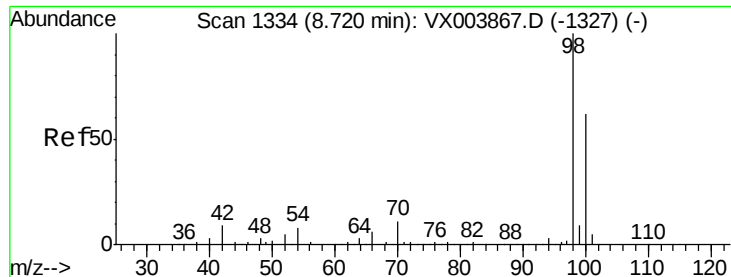
95 79.3 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 46.91 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003980.D

Acq: 10 Aug 2018 16:43

Instrument :

MSVOA_X

ClientSampleId :

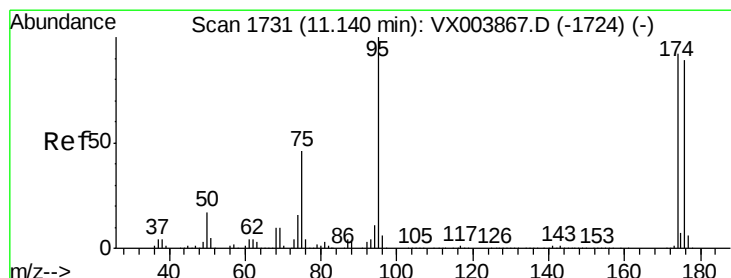
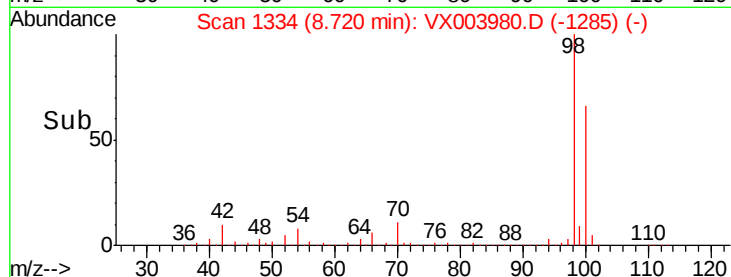
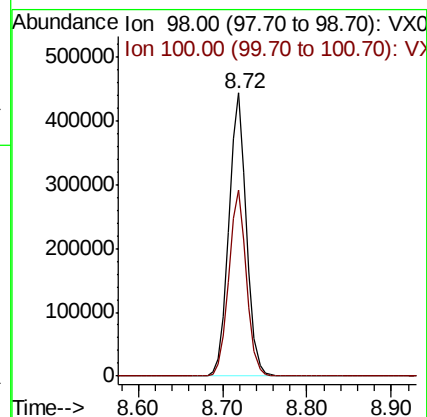
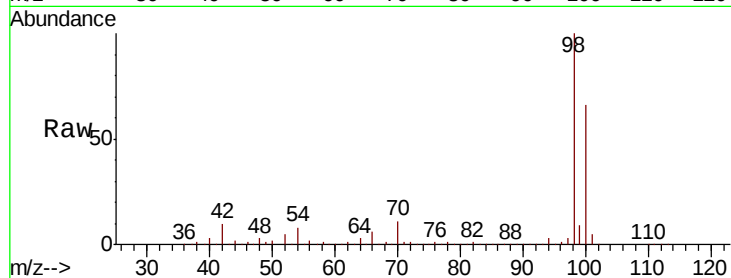
MW-103D

Tot Ion: 98 Resp: 637899

Ion Ratio Lower Upper

98 100

100 65.9 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 49.80 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003980.D

Acq: 10 Aug 2018 16:43

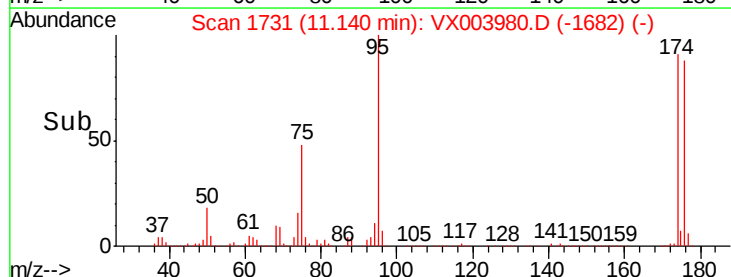
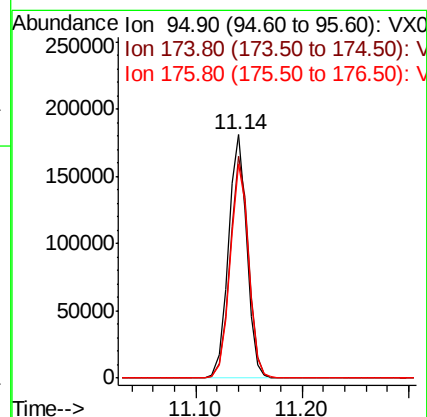
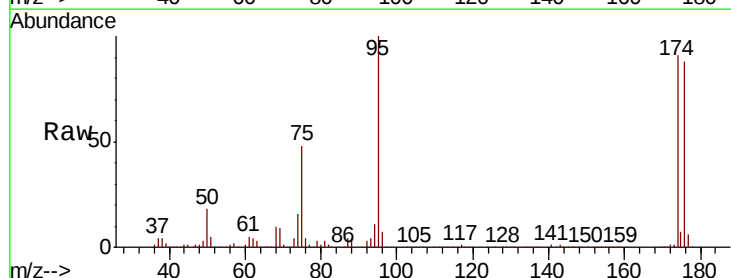
Tgt Ion: 95 Resp: 219125

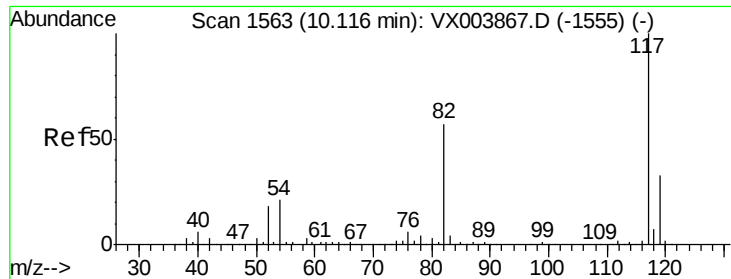
Ion Ratio Lower Upper

95 100

174 92.1 0.0 182.8

176 88.7 0.0 179.0

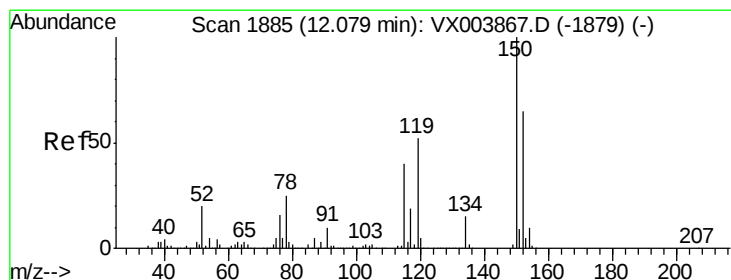
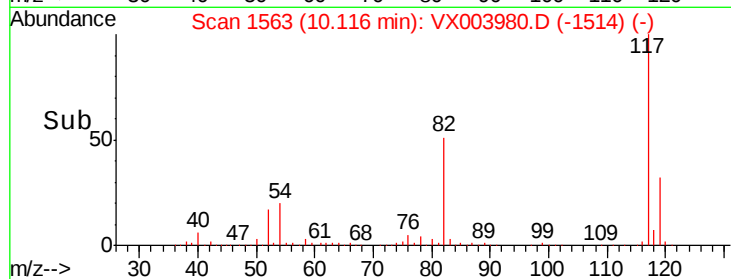
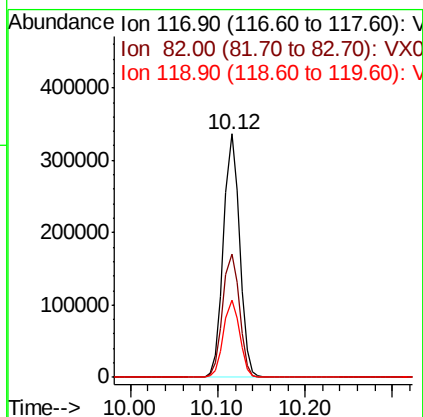
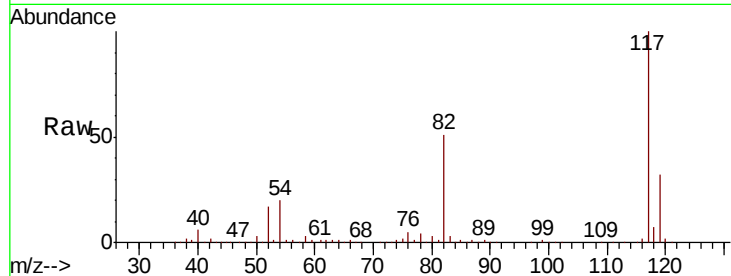




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003980.D
Acq: 10 Aug 2018 16:43

Instrument :
MSVOA_X
ClientSampleId :
MW-103D

Tot Ion:117 Resp: 428237
Ion Ratio Lower Upper
117 100
82 50.6 45.4 68.0
119 31.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX003980.D
Acq: 10 Aug 2018 16:43

Tgt Ion:152 Resp: 226563
Ion Ratio Lower Upper
152 100
115 55.0 39.1 117.3
150 158.6 0.0 349.2

