

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082018\
 Data File : VX004154.D
 Acq On : 20 Aug 2018 15:49
 Operator : JC/MD
 Sample : J4541-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY070MW233-180815

Quant Time: Aug 21 11:26:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

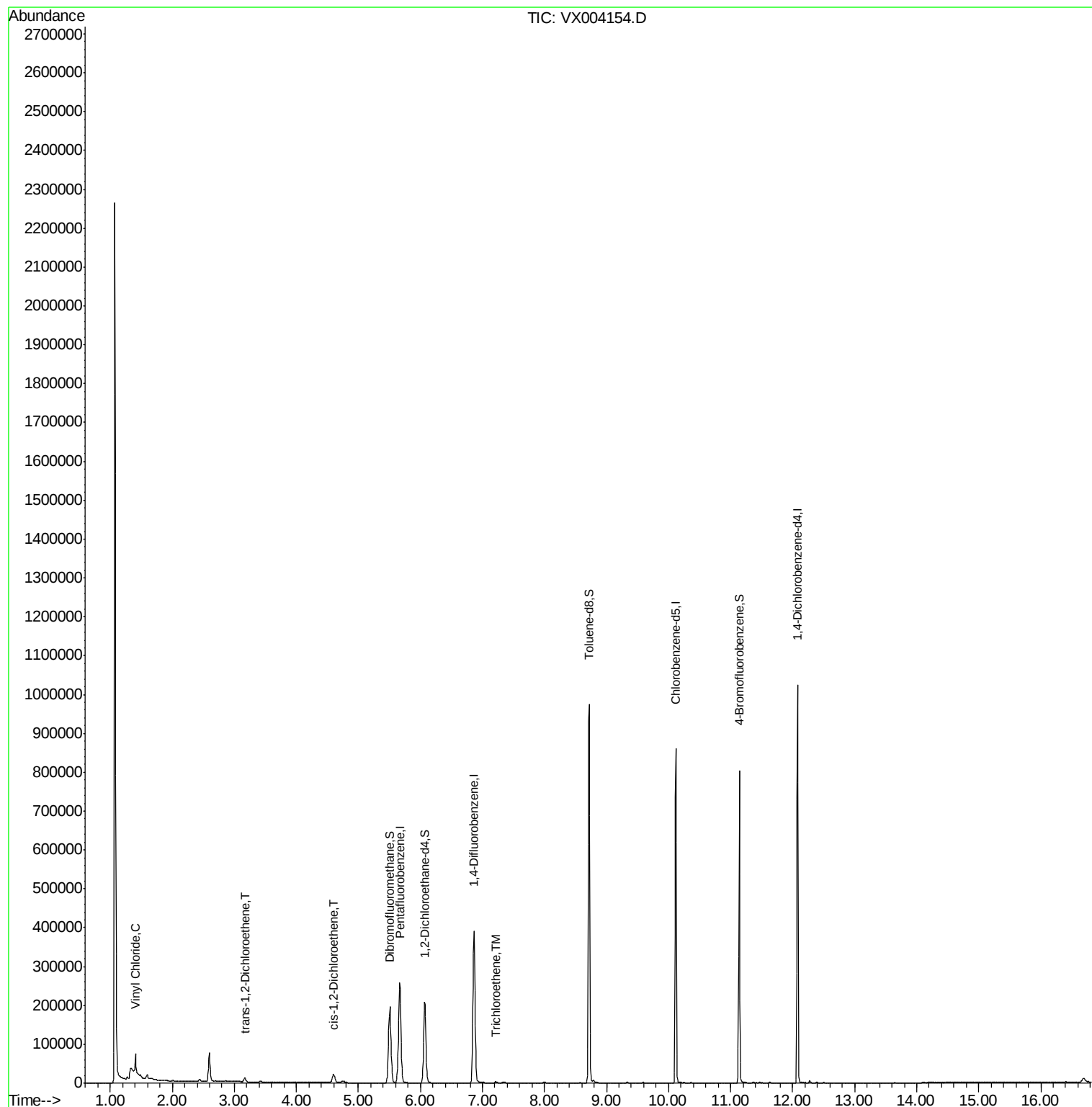
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	259494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	403341	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	390773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201145	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	191741	52.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.88%	
35) Dibromofluoromethane	5.51	113	165356	54.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.56%	
50) Toluene-d8	8.72	98	579213	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
62) 4-Bromofluorobenzene	11.14	95	199159	44.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.74%	
Target Compounds						
4) Vinyl Chloride	1.40	62	29919	8.92	ug/l	# 71
21) trans-1,2-Dichloroethene	3.17	96	3874	1.25	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	14311	4.10	ug/l	86
44) Trichloroethene	7.21	130	1335	0.36	ug/l	96

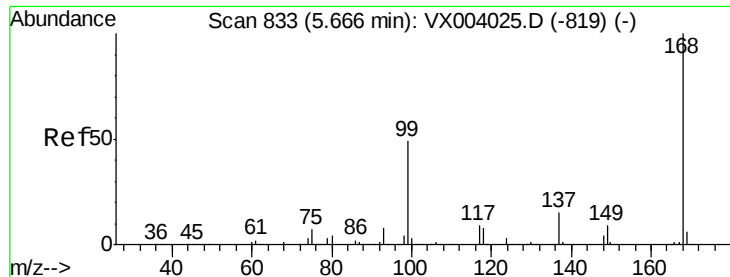
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX004154.D

Acq: 20 Aug 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

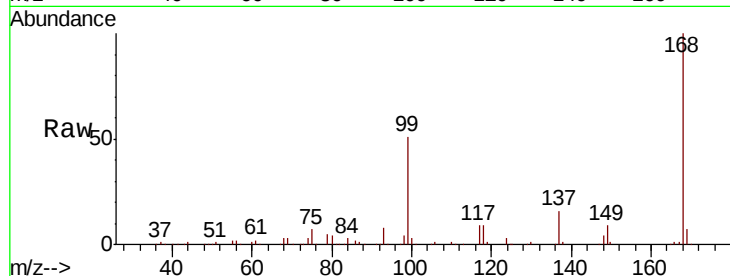
KY070MW233-180815

Tot Ion:168 Resp: 259494

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

100000

80000

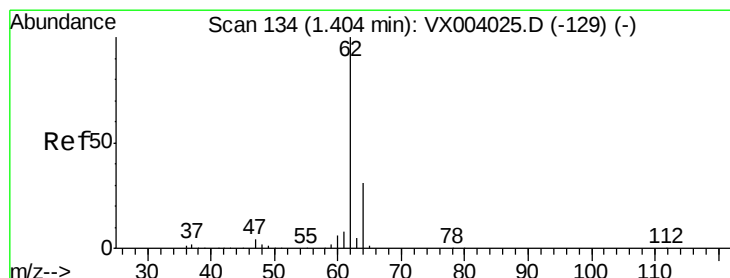
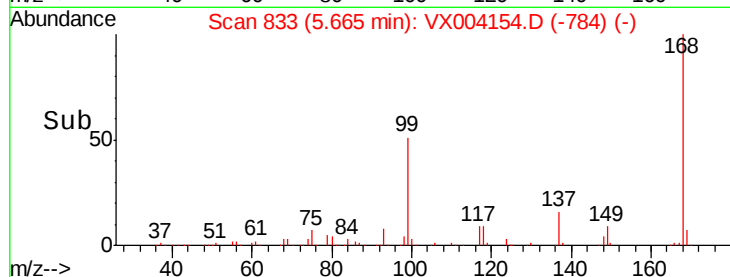
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 8.92 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004154.D

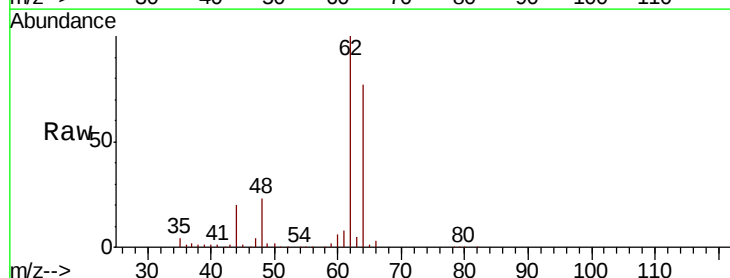
Acq: 20 Aug 2018 15:49

Tgt Ion: 62 Resp: 29919

Ion Ratio Lower Upper

62 100

64 48.8 26.0 39.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

30000

25000

20000

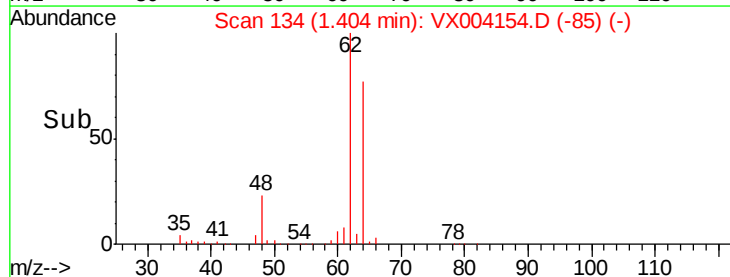
15000

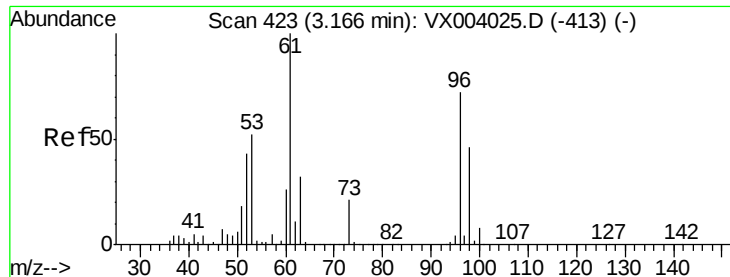
10000

5000

0

Time--> 1.35 1.40 1.45 1.50





#21

trans-1,2-Dichloroethene

Concen: 1.25 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX004154.D

Acq: 20 Aug 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

KY070MW233-180815

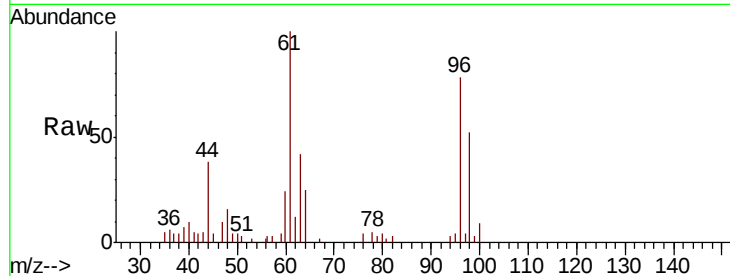
Tot Ion: 96 Resp: 3874

Ion Ratio Lower Upper

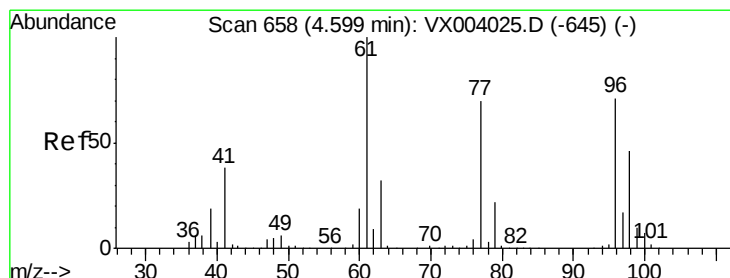
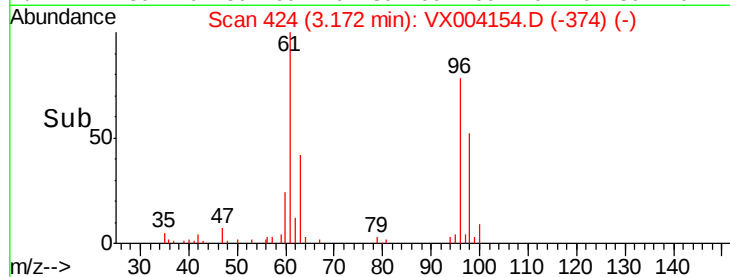
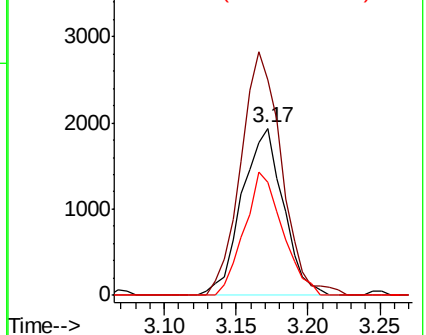
96 100

61 128.9 111.8 167.6

98 67.2 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



#27

cis-1,2-Dichloroethene

Concen: 4.10 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX004154.D

Acq: 20 Aug 2018 15:49

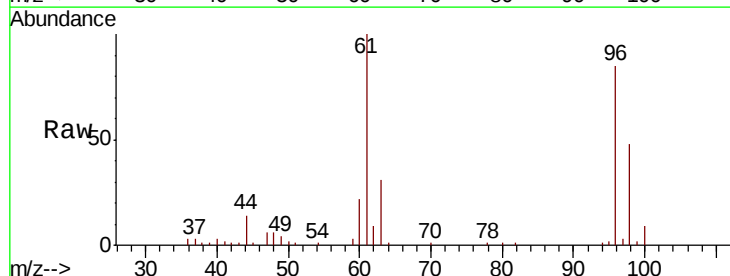
Tgt Ion: 96 Resp: 14311

Ion Ratio Lower Upper

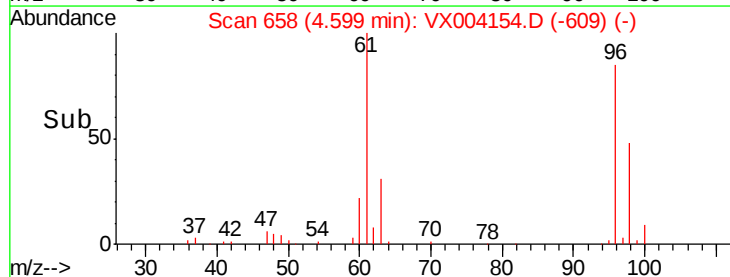
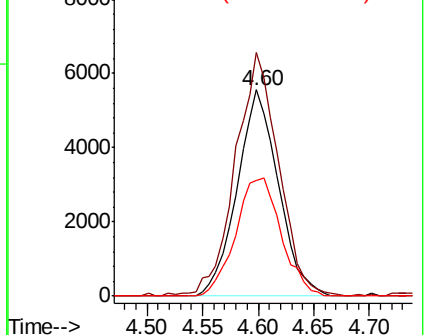
96 100

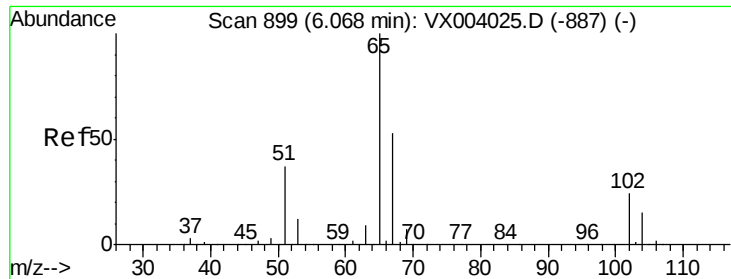
61 123.8 0.0 293.0

98 63.0 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

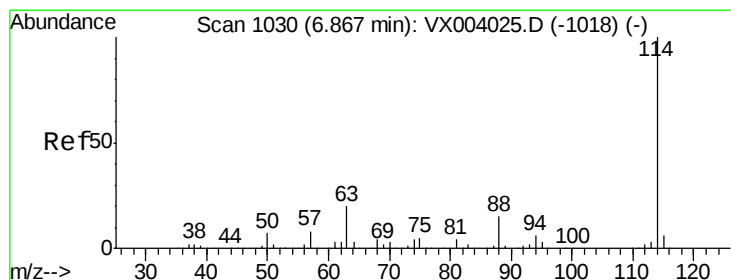
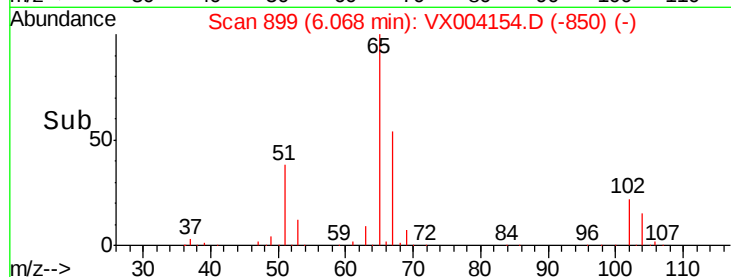
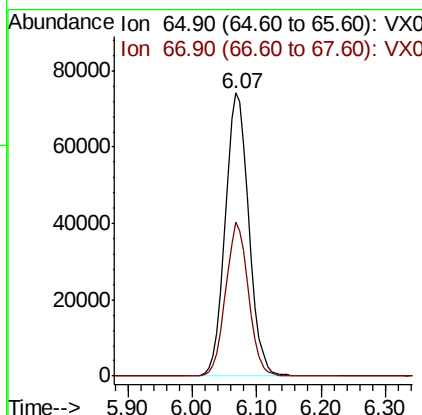
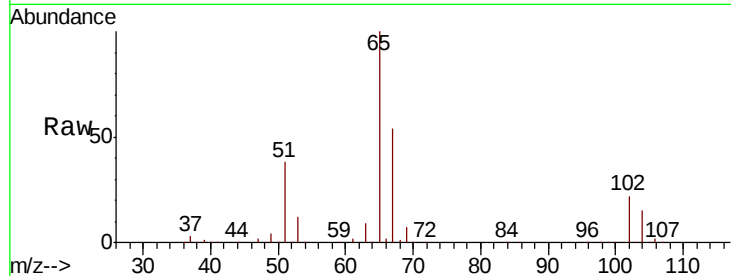




#33
 1,2-Dichloroethane-d4
 Concen: 52.44 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004154.D
 Acq: 20 Aug 2018 15:49

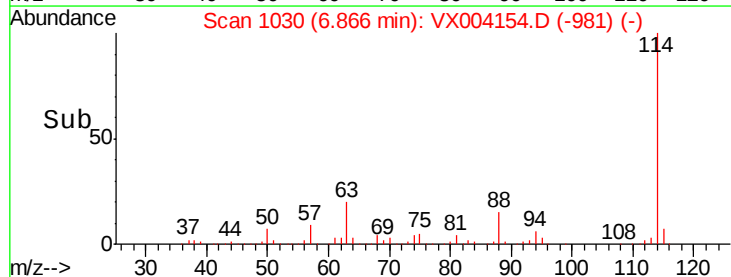
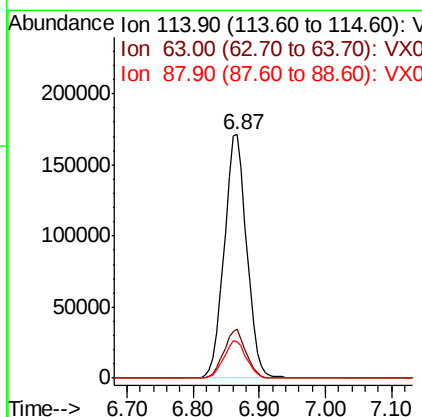
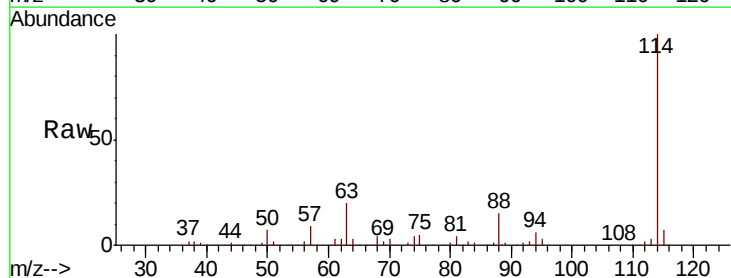
Instrument :
 MSVOA_X
 ClientSampleId :
 KY070MW233-180815

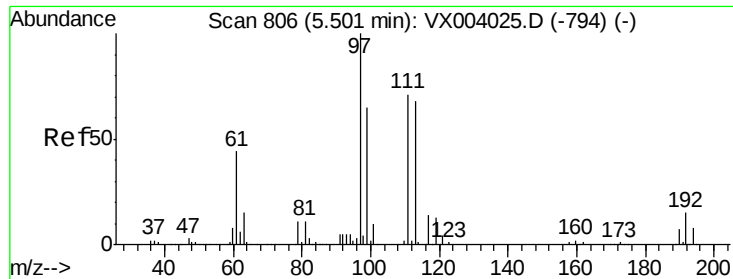
Tot Ion: 65 Resp: 191741
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004154.D
 Acq: 20 Aug 2018 15:49

Tgt Ion: 114 Resp: 403341
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.0
 88 15.1 0.0 32.0

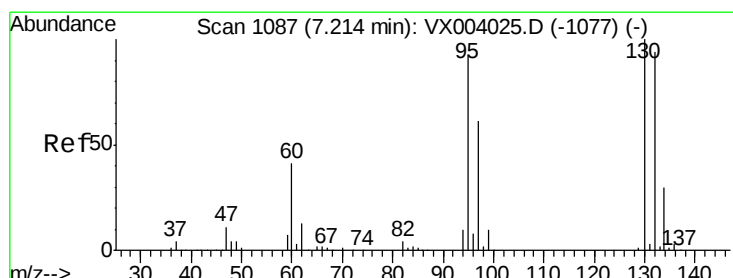
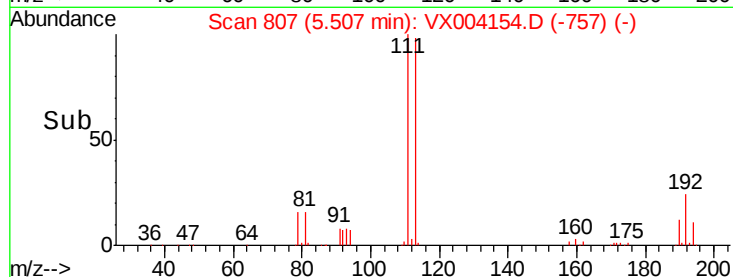
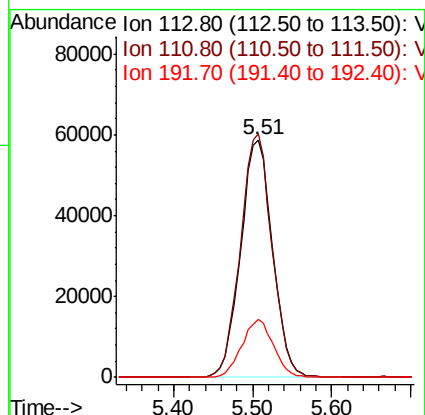
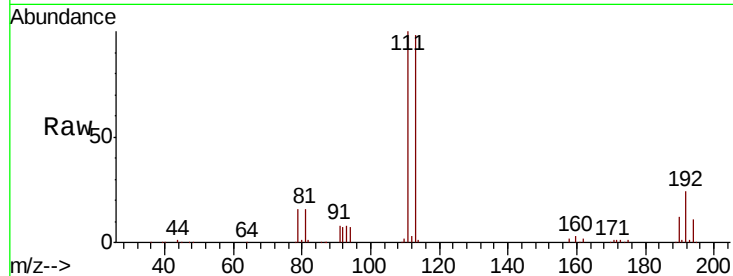




#35
 Dibromofluoromethane
 Concen: 54.78 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004154.D
 Acq: 20 Aug 2018 15:49

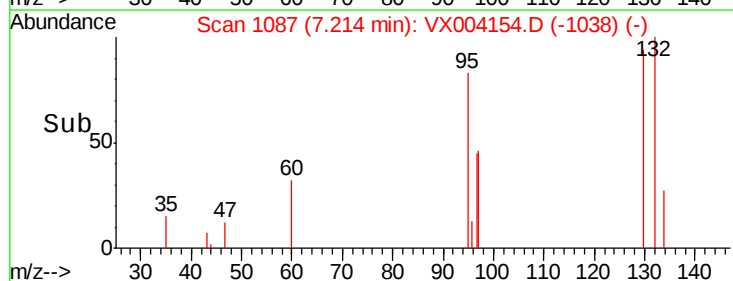
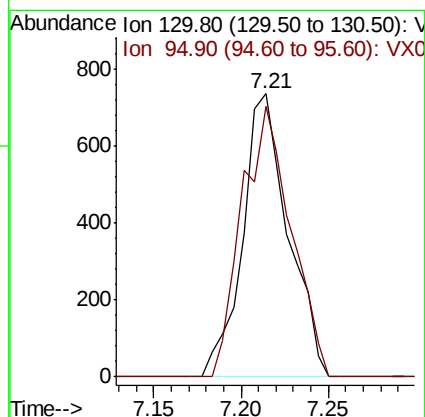
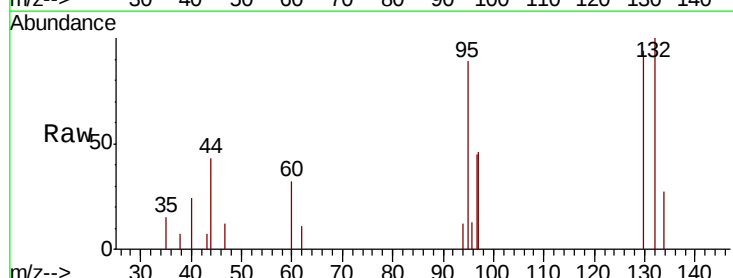
Instrument :
 MSVOA_X
 ClientSampleId :
 KY070MW233-180815

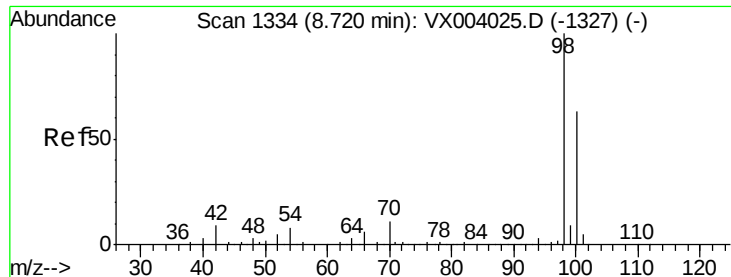
Tot Ion:113 Resp: 165356
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.0 123.0
 192 24.1 19.0 28.4



#44
 Trichloroethene
 Concen: 0.36 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX004154.D
 Acq: 20 Aug 2018 15:49

Tgt Ion:130 Resp: 1335
 Ion Ratio Lower Upper
 130 100
 95 95.5 0.0 199.4





#50

Toluene-d8

Concen: 47.32 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX004154.D

Acq: 20 Aug 2018 15:49

Instrument :

MSVOA_X

ClientSampleId :

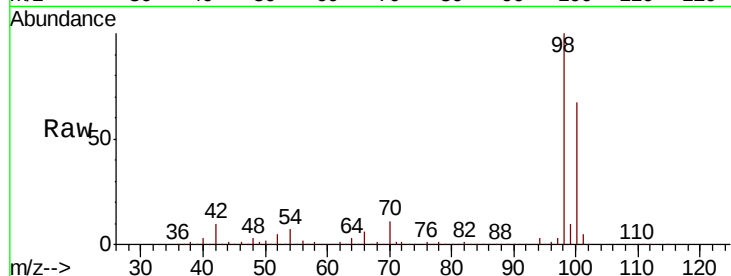
KY070MW233-180815

Tot Ion: 98 Resp: 579213

Ion Ratio Lower Upper

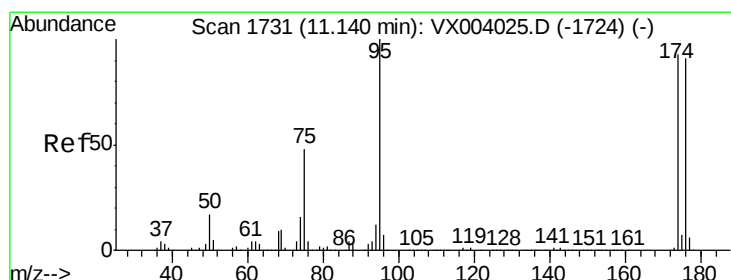
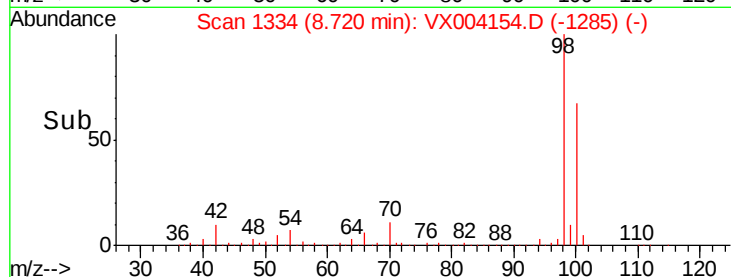
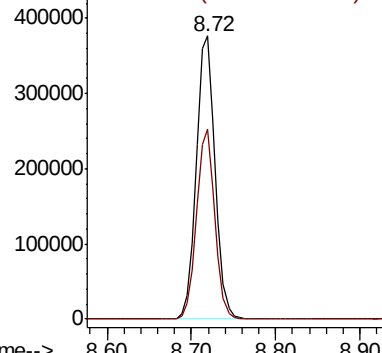
98 100

100 65.3 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: 44.87 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004154.D

Acq: 20 Aug 2018 15:49

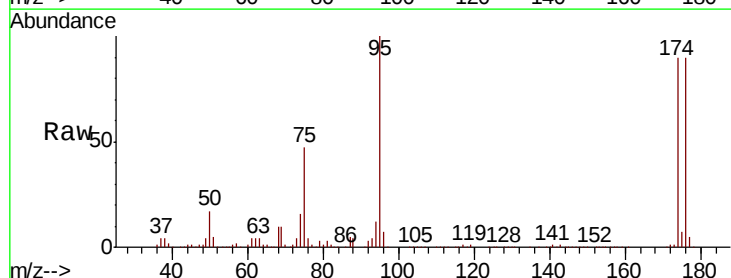
Tgt Ion: 95 Resp: 199159

Ion Ratio Lower Upper

95 100

174 91.8 0.0 182.8

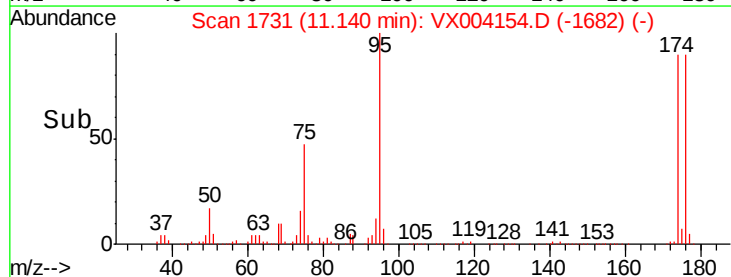
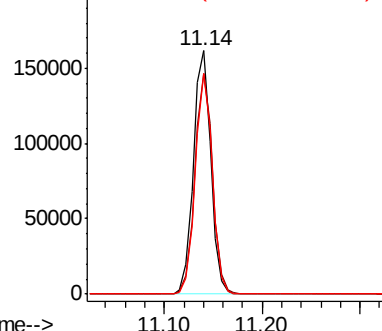
176 88.8 0.0 179.0

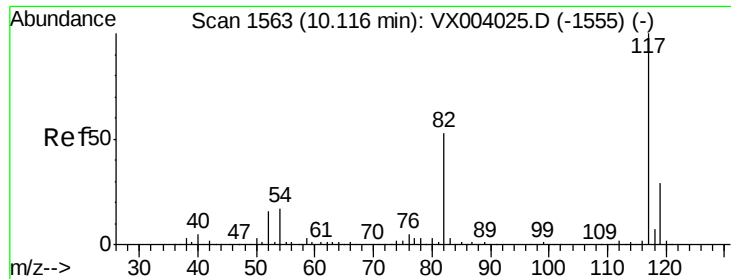


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

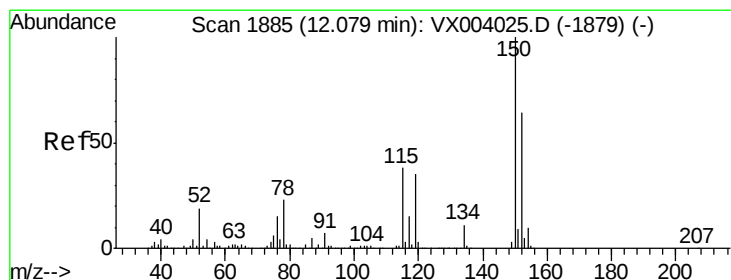
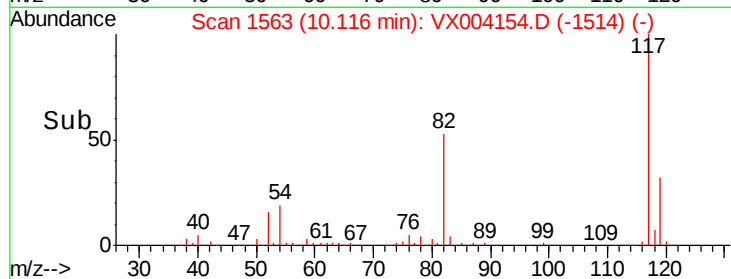
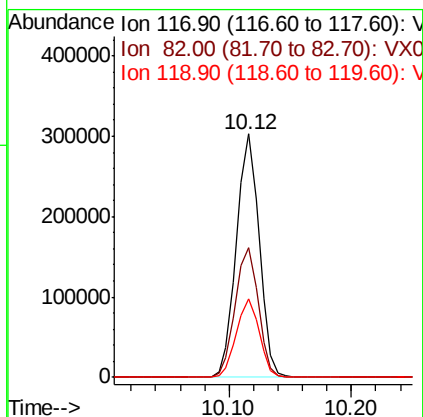
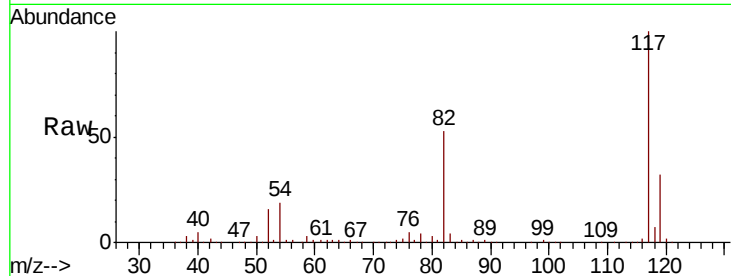




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004154.D
Acq: 20 Aug 2018 15:49

Instrument :
MSVOA_X
ClientSampleId :
KY070MW233-180815

Tot Ion:117 Resp: 390773
Ion Ratio Lower Upper
117 100
82 53.0 45.4 68.0
119 32.2 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: VX004154.D
Acq: 20 Aug 2018 15:49

Tgt Ion:152 Resp: 201145
Ion Ratio Lower Upper
152 100
115 56.6 39.1 117.3
150 165.2 0.0 349.2

