

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042319\
 Data File : VX009118.D
 Acq On : 23 Apr 2019 14:06
 Operator : JC/SP
 Sample : K2537-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY070MW233-190422

Quant Time: Apr 24 05:26:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

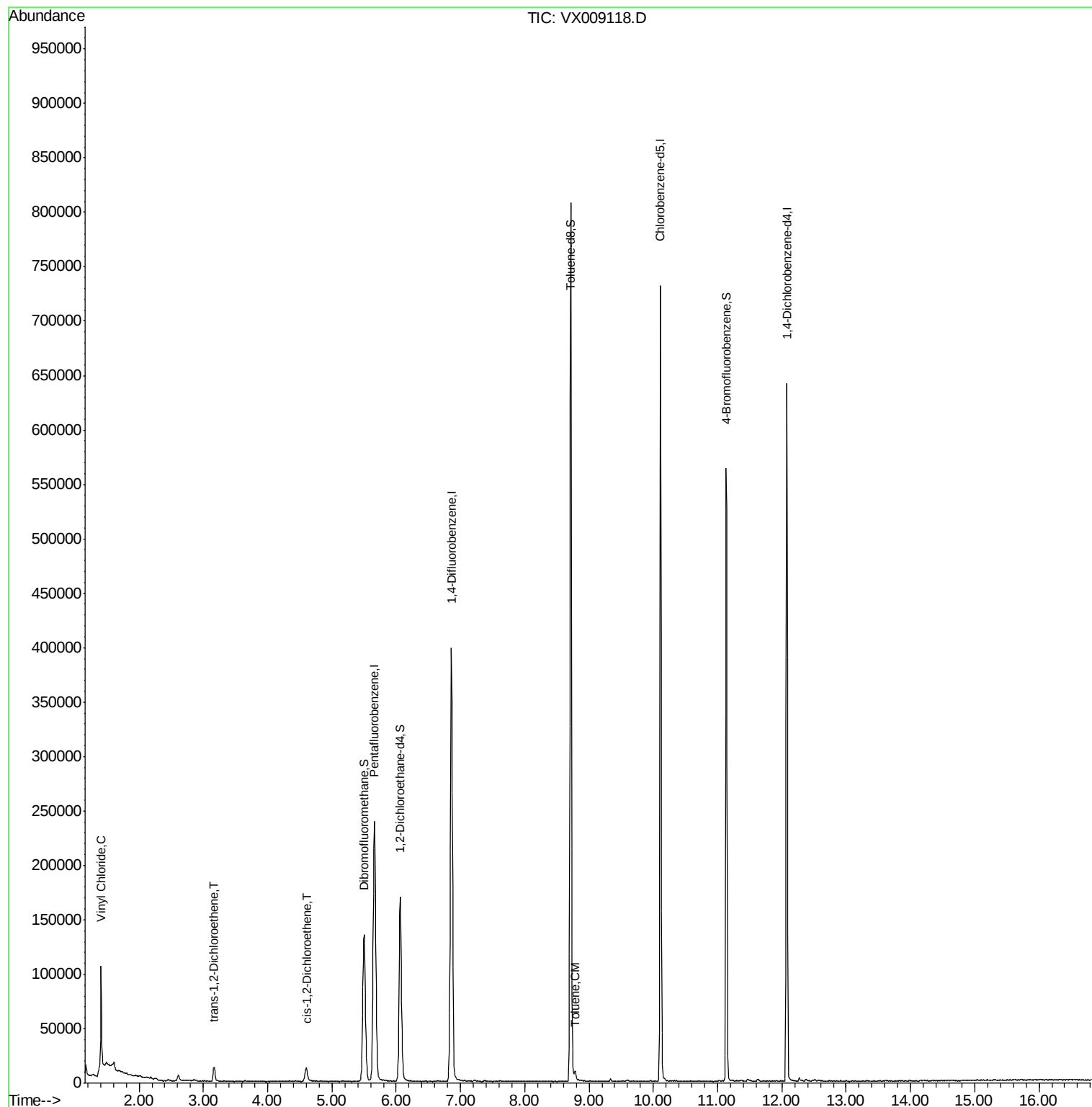
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	236508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	387309	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	325330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132390	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	159494	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
35) Dibromofluoromethane	5.50	113	117045	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
50) Toluene-d8	8.71	98	474900	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
62) 4-Bromofluorobenzene	11.13	95	150789	43.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.18%	
Target Compounds						
4) Vinyl Chloride	1.41	62	62061	19.066	ug/l	89
21) trans-1,2-Dichloroethene	3.17	96	5166	1.910	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	7642	2.488	ug/l	90
52) Toluene	8.79	92	2432	0.343	ug/l	100

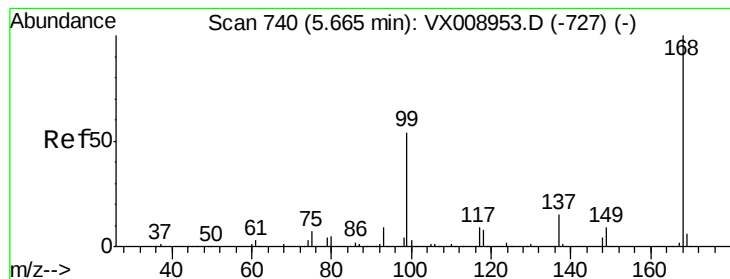
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009118.D

Acq: 23 Apr 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

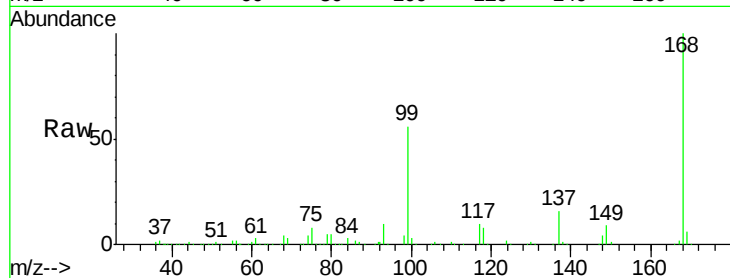
KY070MW233-190422

Tot Ion:168 Resp: 236508

Ion Ratio Lower Upper

168 100

99 55.9 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

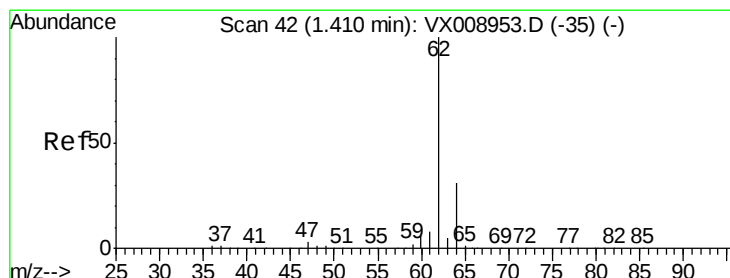
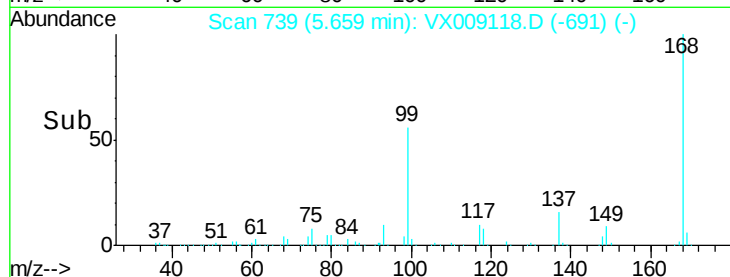
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 19.066 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009118.D

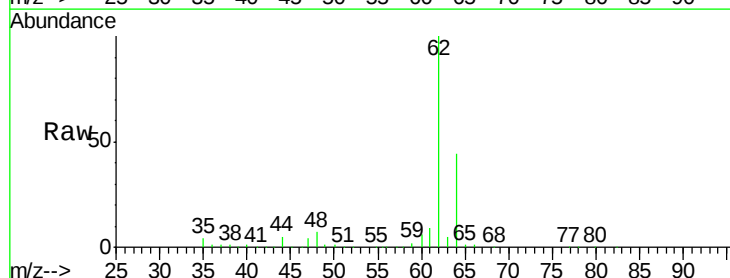
Acq: 23 Apr 2019 14:06

Tgt Ion: 62 Resp: 62061

Ion Ratio Lower Upper

62 100

64 37.3 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

60000

50000

40000

30000

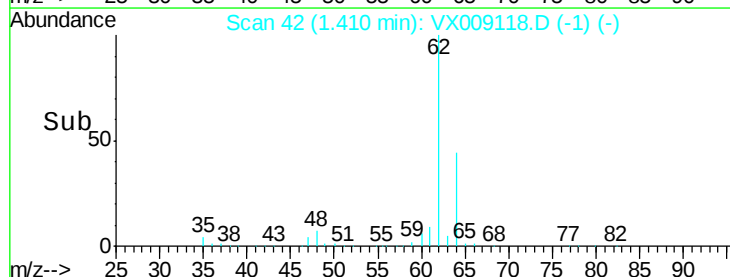
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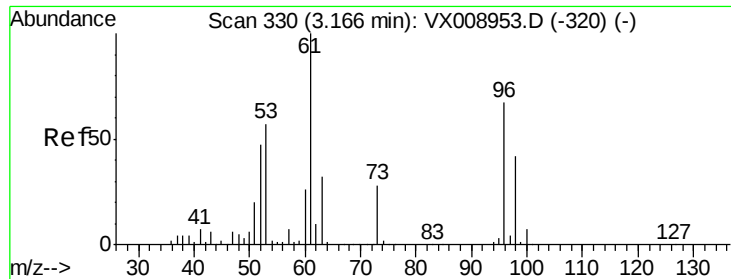
10000

0

Time-->

1.35 1.40 1.45 1.50





#21

trans-1,2-Dichloroethene

Concen: 1.910 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009118.D

Acq: 23 Apr 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

KY070MW233-190422

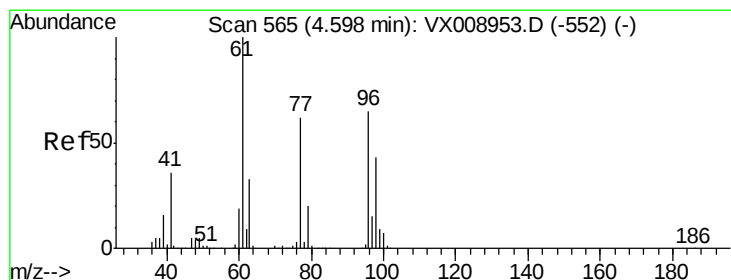
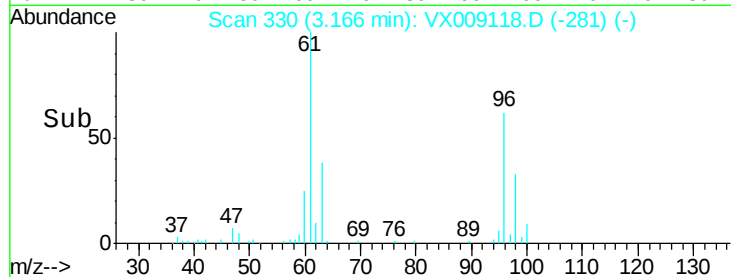
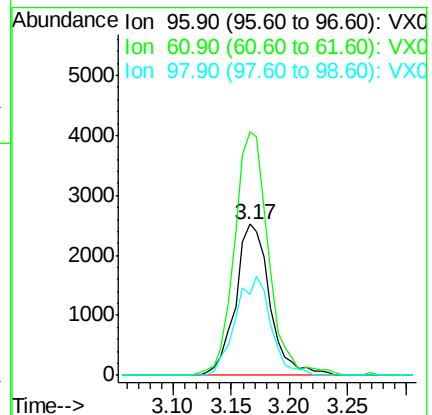
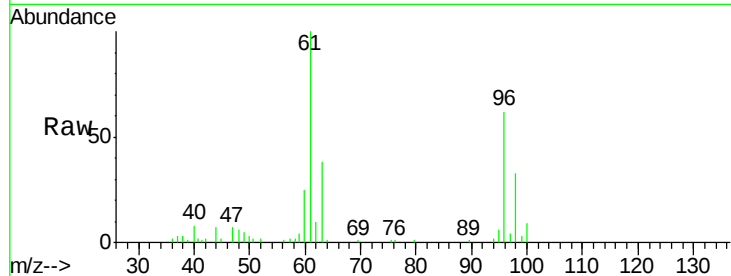
Tot Ion: 96 Resp: 5166

Ion Ratio Lower Upper

96 100

61 161.3 120.3 180.5

98 53.6 50.2 75.2



#27

cis-1,2-Dichloroethene

Concen: 2.488 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX009118.D

Acq: 23 Apr 2019 14:06

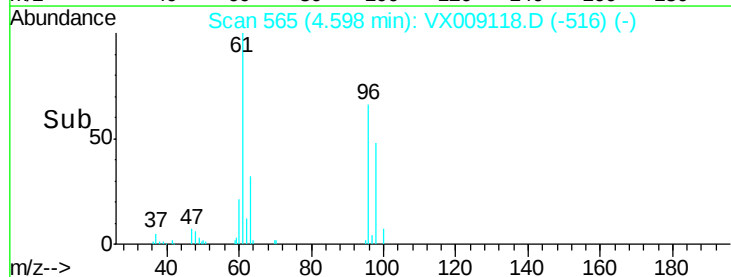
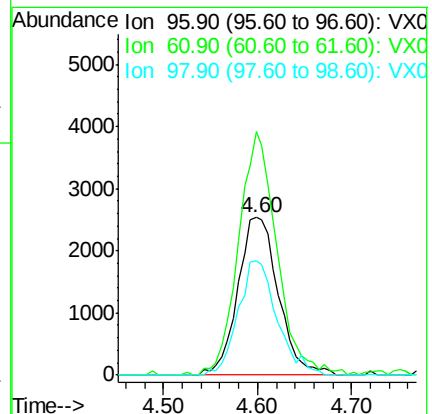
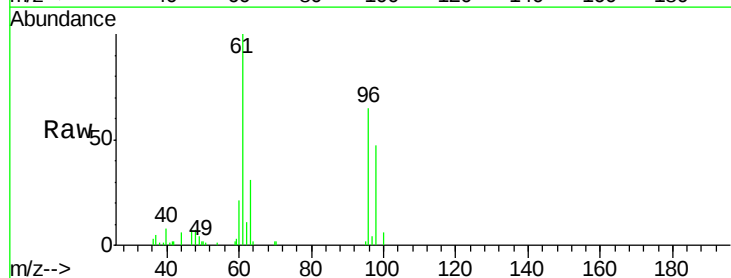
Tgt Ion: 96 Resp: 7642

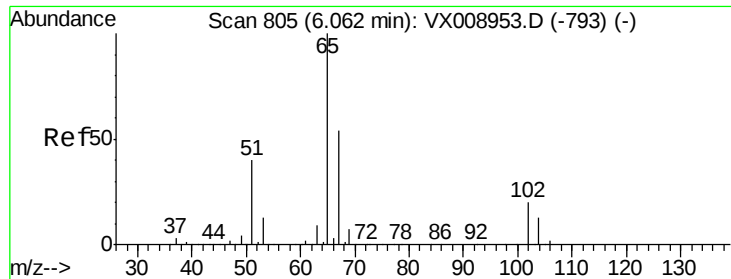
Ion Ratio Lower Upper

96 100

61 145.9 0.0 322.0

98 69.5 0.0 128.4

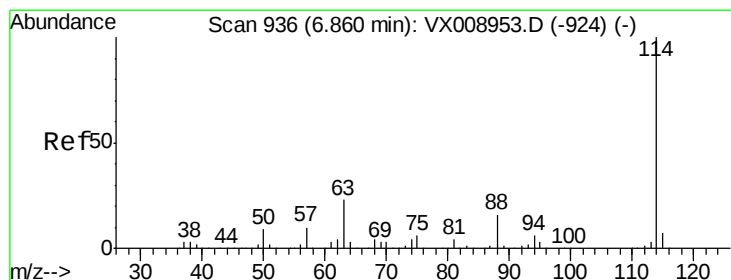
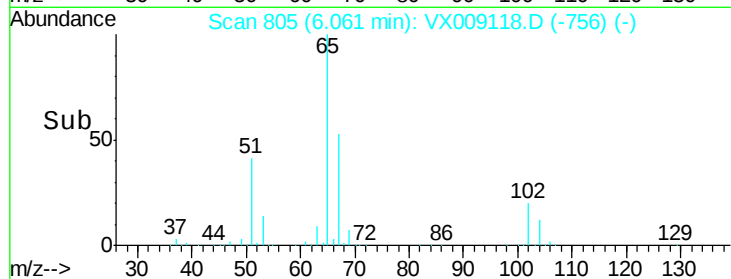
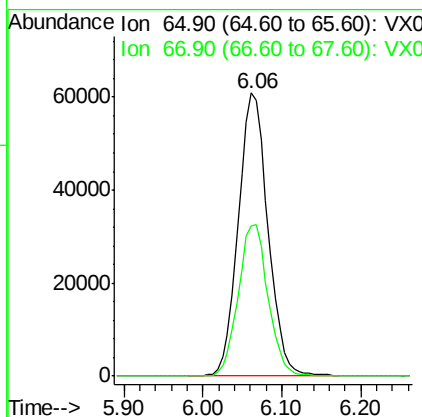
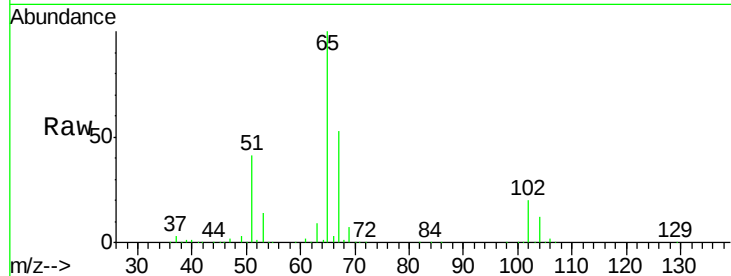




#33
 1,2-Dichloroethane-d4
 Concen: 47.852 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009118.D
 Acq: 23 Apr 2019 14:06

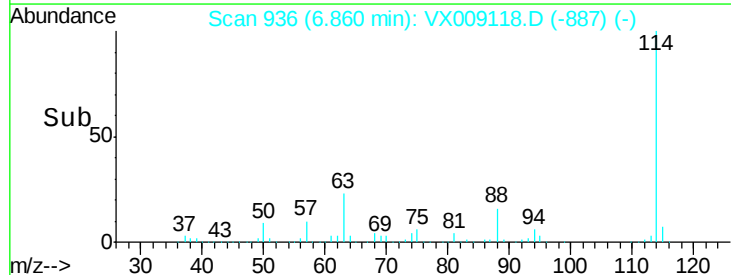
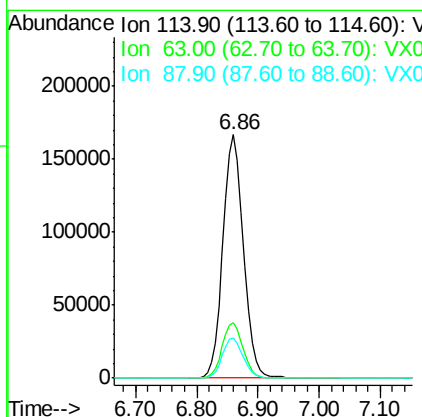
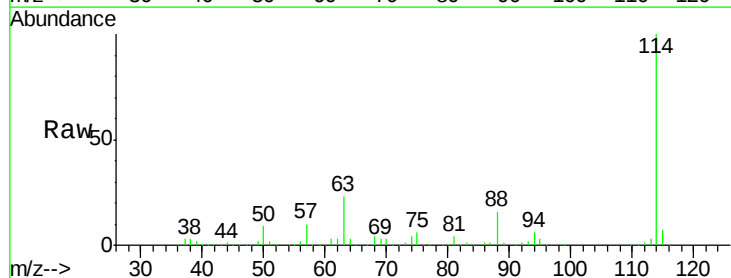
Instrument :
 MSVOA_X
 ClientSampleId :
 KY070MW233-190422

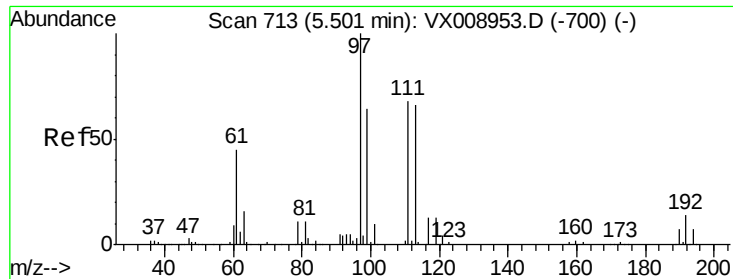
Tot Ion: 65 Resp: 159494
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009118.D
 Acq: 23 Apr 2019 14:06

Tgt Ion: 114 Resp: 387309
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 46.0
 88 16.4 0.0 32.6

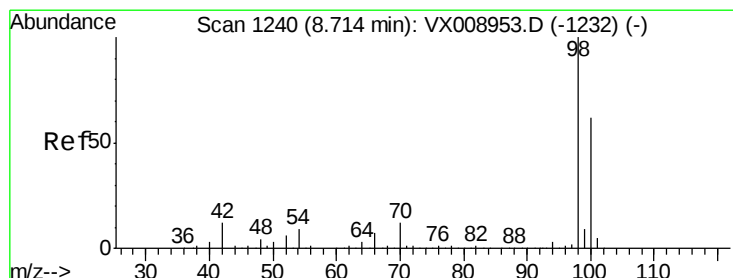
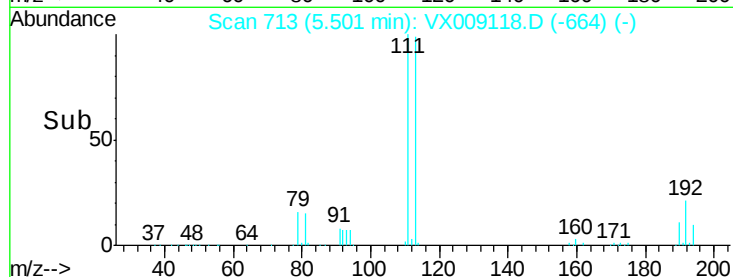
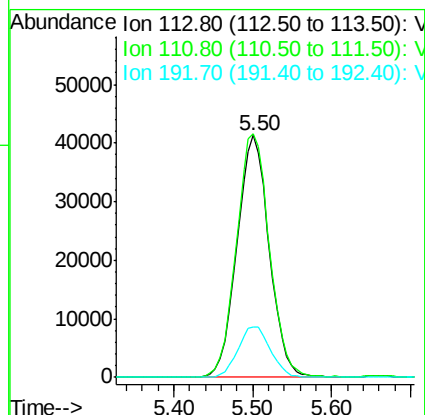
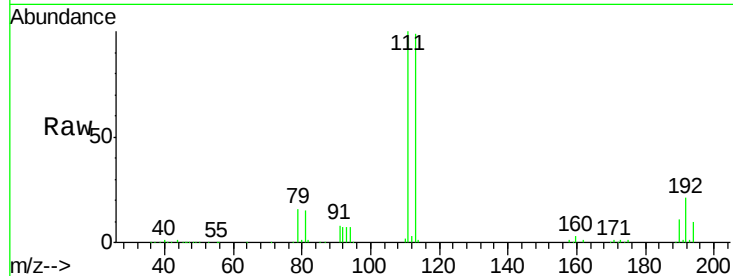




#35
 Dibromofluoromethane
 Concen: 47.088 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX009118.D
 Acq: 23 Apr 2019 14:06

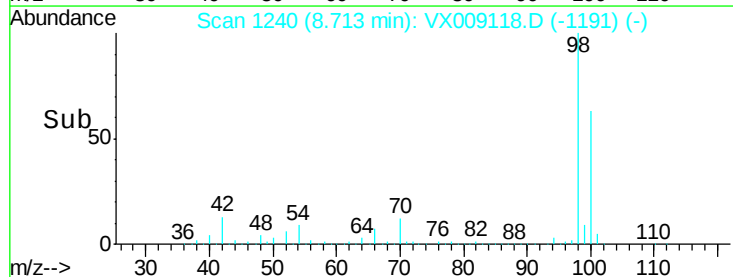
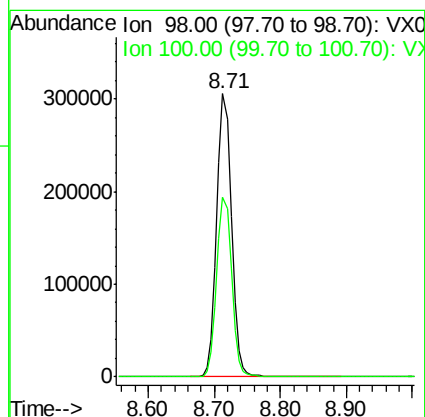
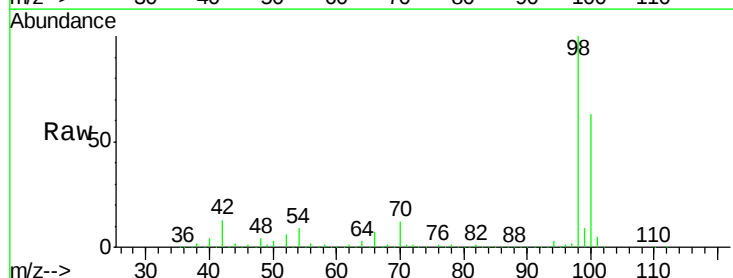
Instrument :
 MSVOA_X
 ClientSampleId :
 KY070MW233-190422

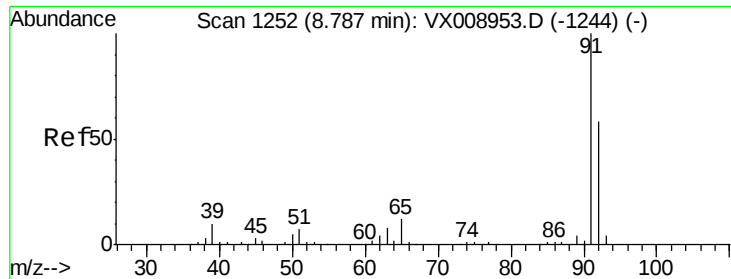
Tot Ion:113 Resp: 117045
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.9 124.3
 192 21.2 17.4 26.0



#50
 Toluene-d8
 Concen: 47.907 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX009118.D
 Acq: 23 Apr 2019 14:06

Tgt Ion: 98 Resp: 474900
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.4 77.2





#52

Toluene

Concen: 0.343 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009118.D

Acq: 23 Apr 2019 14:06

Instrument :

MSVOA_X

ClientSampleId :

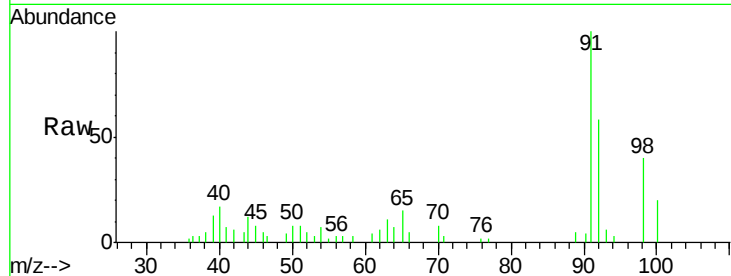
KY070MW233-190422

Tot Ion: 92 Resp: 2432

Ion Ratio Lower Upper

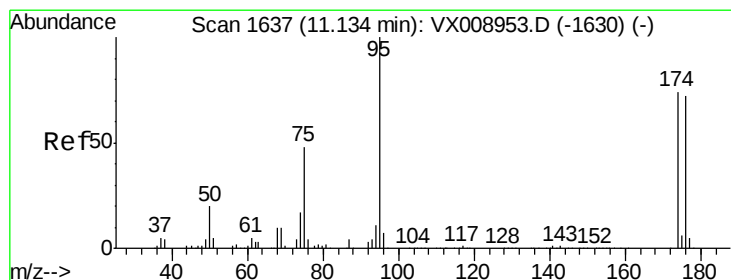
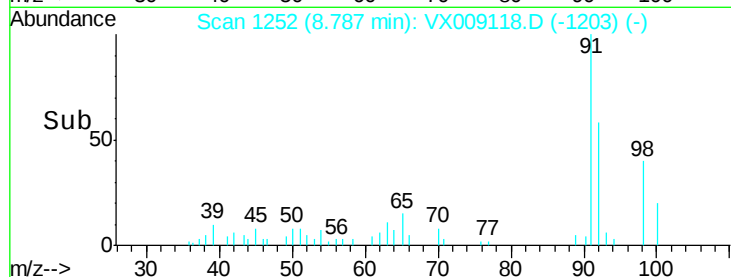
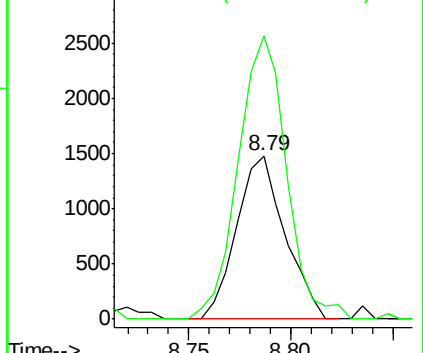
92 100

91 173.4 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 43.091 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009118.D

Acq: 23 Apr 2019 14:06

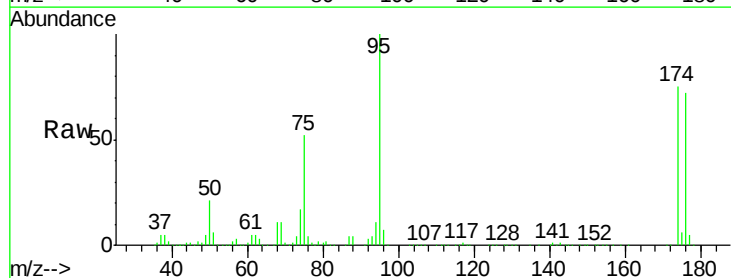
Tgt Ion: 95 Resp: 150789

Ion Ratio Lower Upper

95 100

174 79.4 0.0 159.6

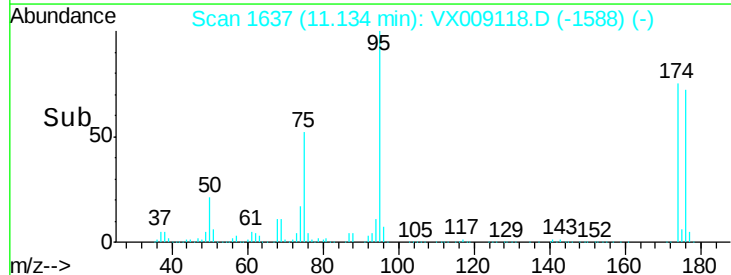
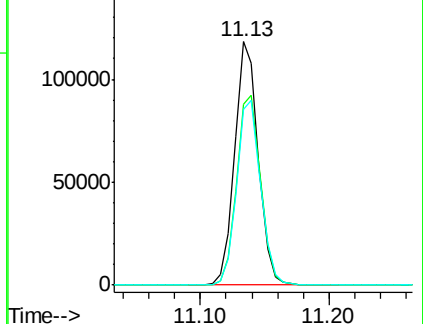
176 76.9 0.0 154.8

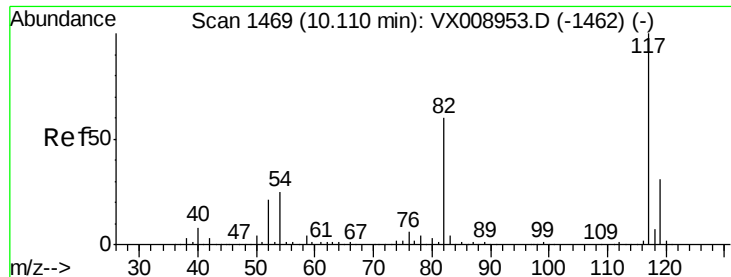


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

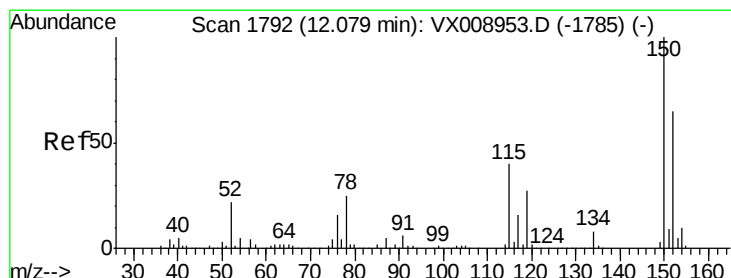
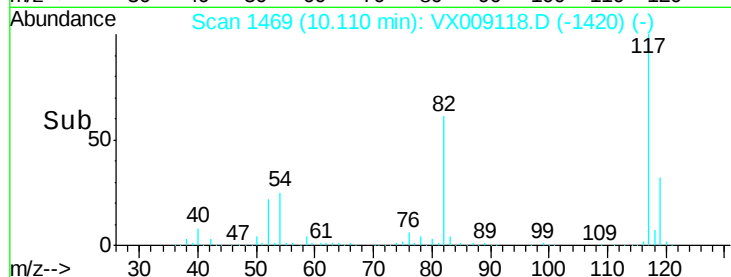
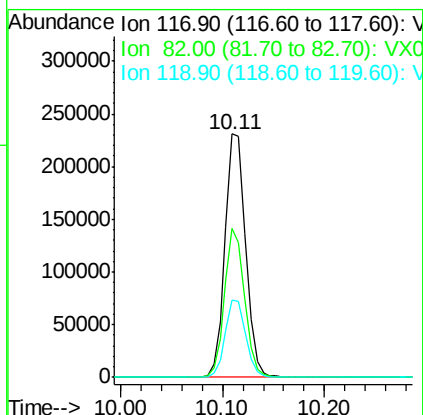
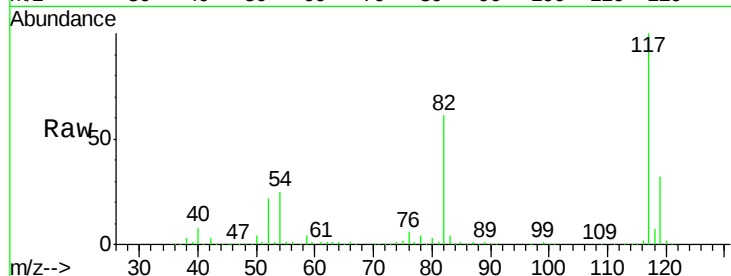




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009118.D
Acq: 23 Apr 2019 14:06

Instrument :
MSVOA_X
ClientSampleId :
KY070MW233-190422

Tot Ion:117 Resp: 325330
Ion Ratio Lower Upper
117 100
82 61.3 48.2 72.4
119 31.7 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009118.D
Acq: 23 Apr 2019 14:06

Tgt Ion:152 Resp: 132390
Ion Ratio Lower Upper
152 100
115 59.0 41.4 124.2
150 154.9 0.0 349.8

