

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010172.D
 Acq On : 10 Jun 2019 13:02
 Operator : JC/SP
 Sample : K3221-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-DUP02-20190605

Quant Time: Jun 11 07:08:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

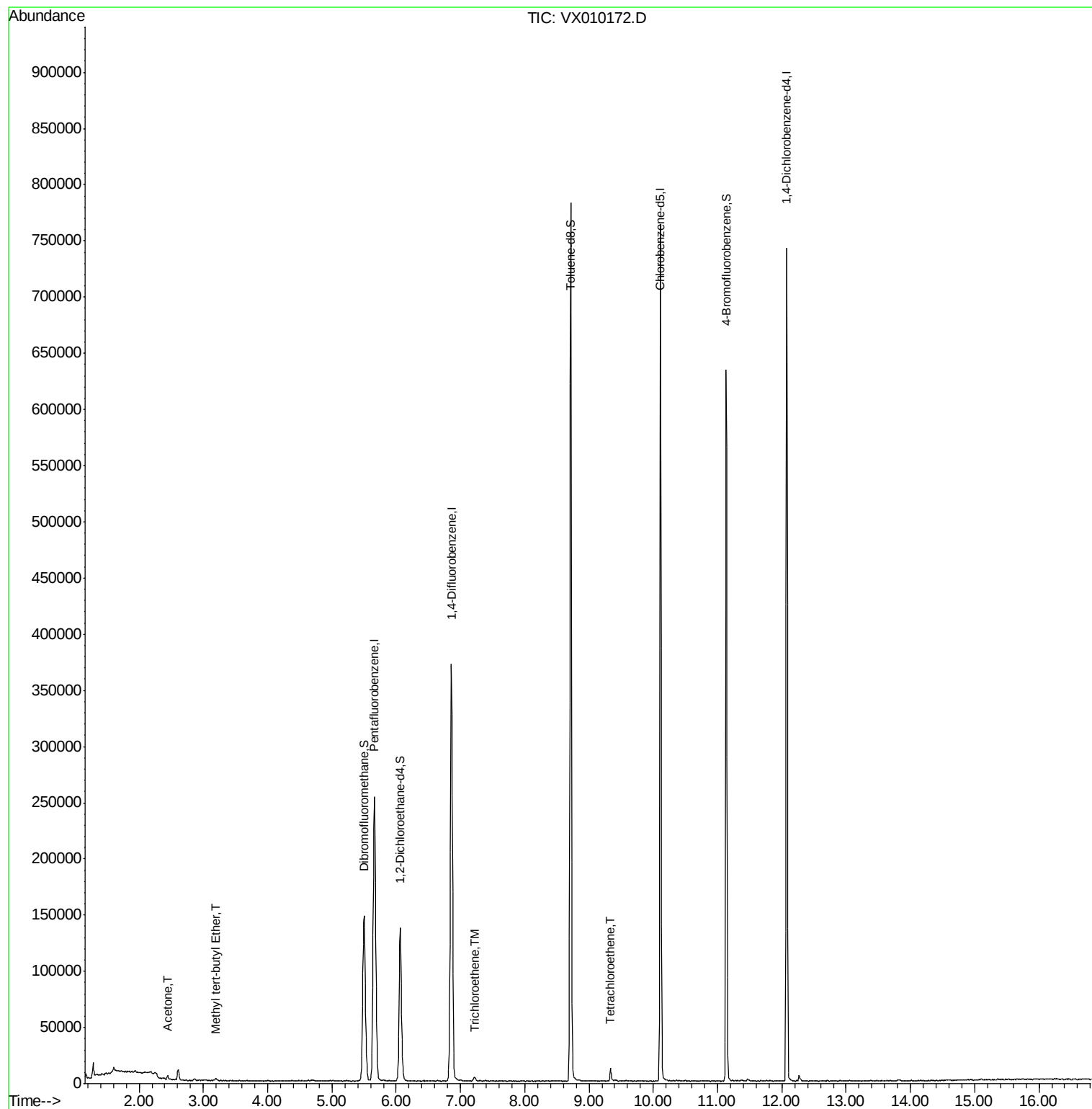
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	273751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	414566	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	374080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	172887	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	122273	45.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.52%	
35) Dibromofluoromethane	5.50	113	128181	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
50) Toluene-d8	8.71	98	484693	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
62) 4-Bromofluorobenzene	11.13	95	167231	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.44%	
Target Compounds						
16) Acetone	2.45	43	3292	2.619	ug/l #	77
19) Methyl tert-butyl Ether	3.20	73	2487	0.315	ug/l #	90
44) Trichloroethene	7.21	130	1509	0.479	ug/l	86
64) Tetrachloroethene	9.34	164	2126	0.765	ug/l #	85

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010172.D

Acq: 10 Jun 2019 13:02

Instrument :

MSVOA_X

ClientSampleId :

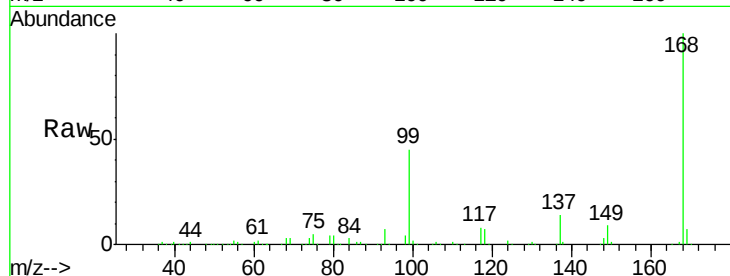
BP-DUP02-20190605

Tot Ion:168 Resp: 273751

Ion Ratio Lower Upper

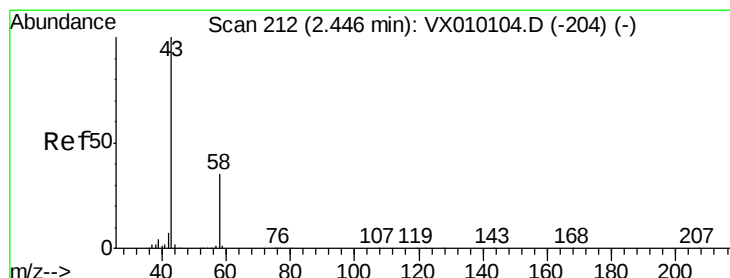
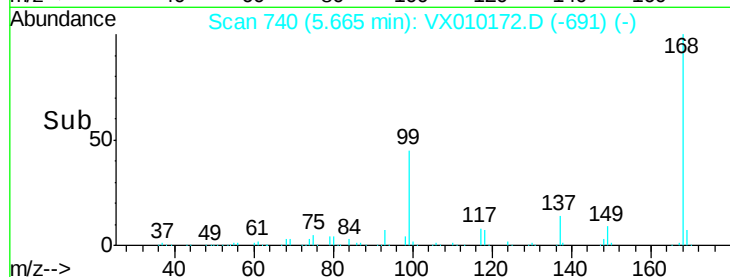
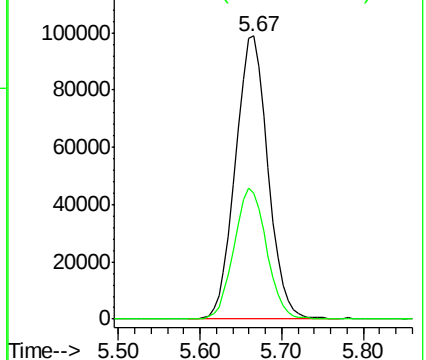
168 100

99 44.7 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.619 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010172.D

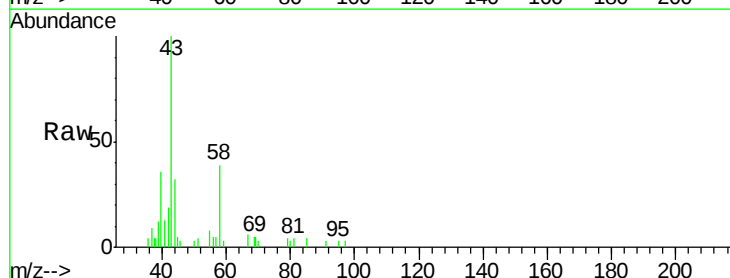
Acq: 10 Jun 2019 13:02

Tgt Ion: 43 Resp: 3292

Ion Ratio Lower Upper

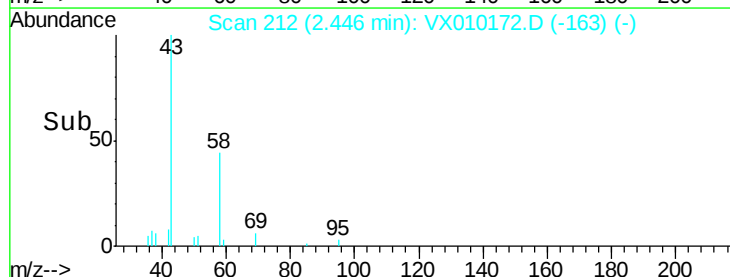
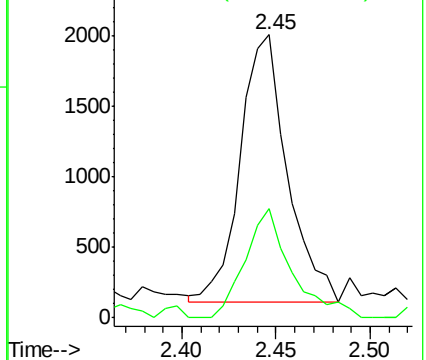
43 100

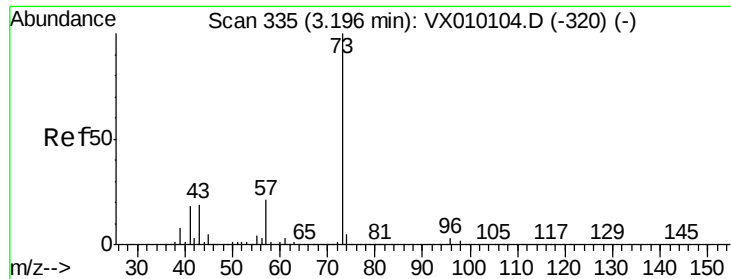
58 41.1 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

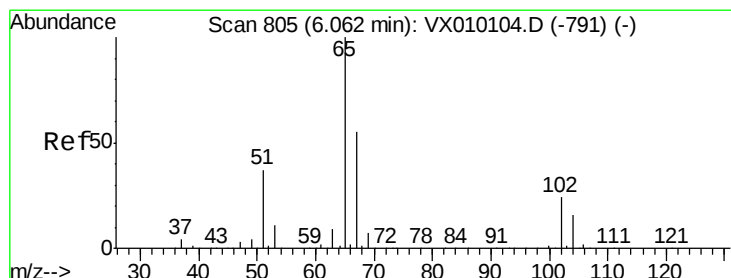
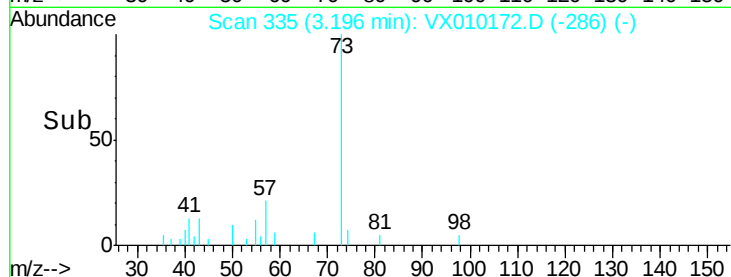
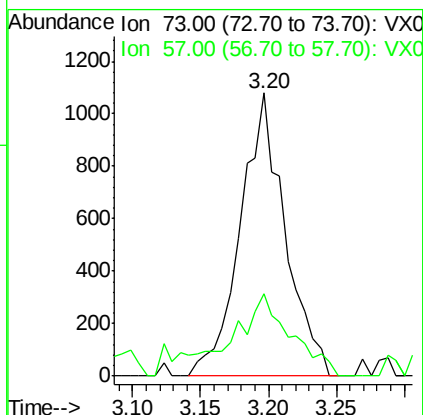
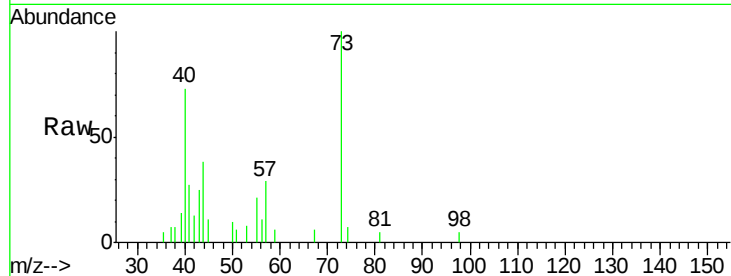




#19
Methvl tert-butvl Ether
Concen: 0.315 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010172.D
Acq: 10 Jun 2019 13:02

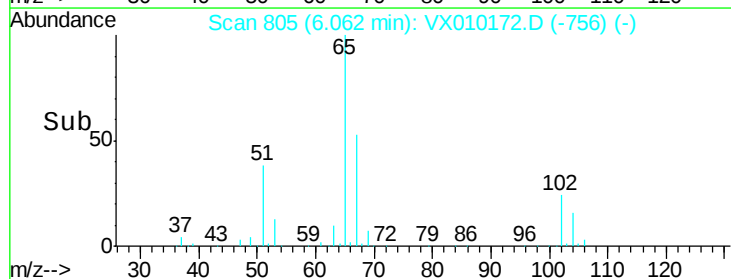
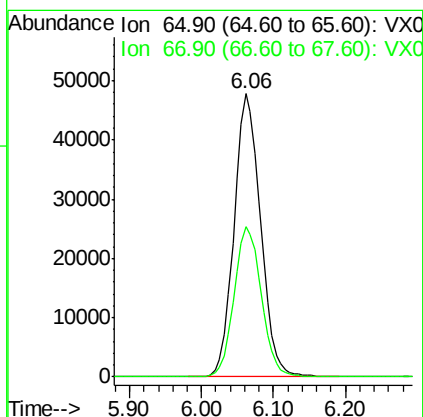
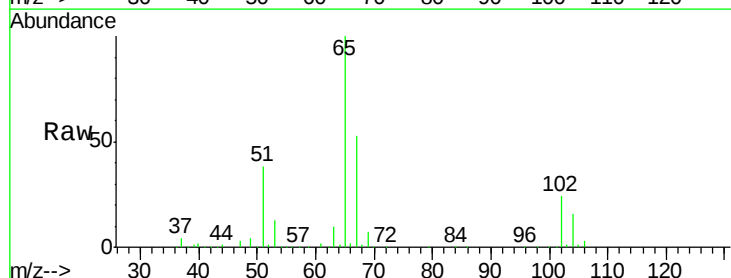
Instrument :
MSVOA_X
ClientSampleId :
BP-DUP02-20190605

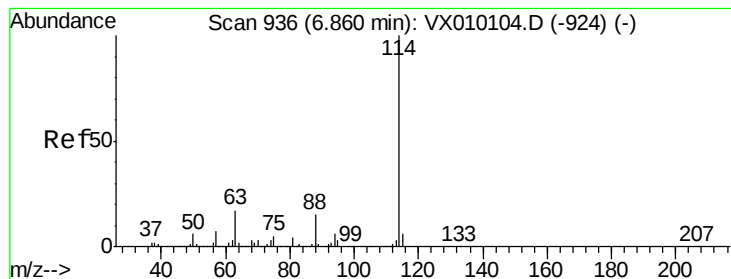
Tot Ion: 73 Resp: 2487
Ion Ratio Lower Upper
73 100
57 29.2 19.4 29.2#



#33
1,2-Dichloroethane-d4
Concen: 45.759 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010172.D
Acq: 10 Jun 2019 13:02

Tgt Ion: 65 Resp: 122273
Ion Ratio Lower Upper
65 100
67 54.5 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010172.D

Acq: 10 Jun 2019 13:02

Instrument :

MSVOA_X

ClientSampleId :

BP-DUP02-20190605

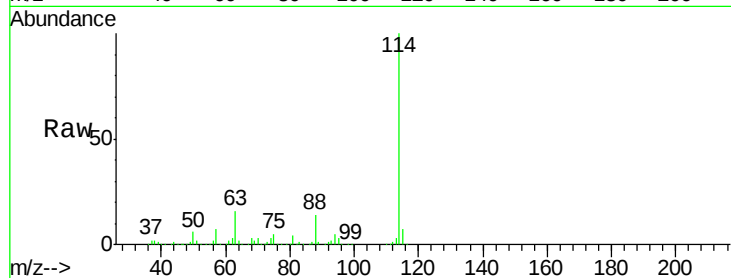
Tot Ion:114 Resp: 414566

Ion Ratio Lower Upper

114 100

63 16.3 0.0 47.4

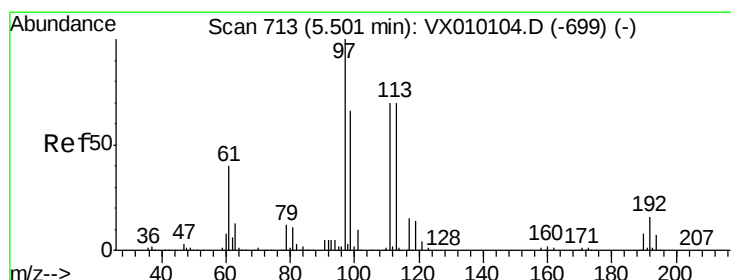
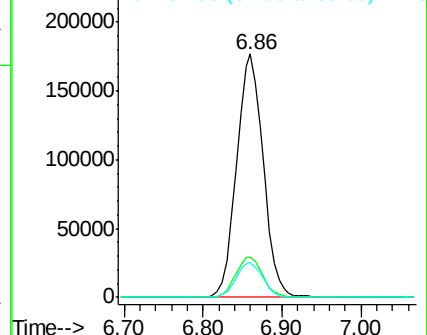
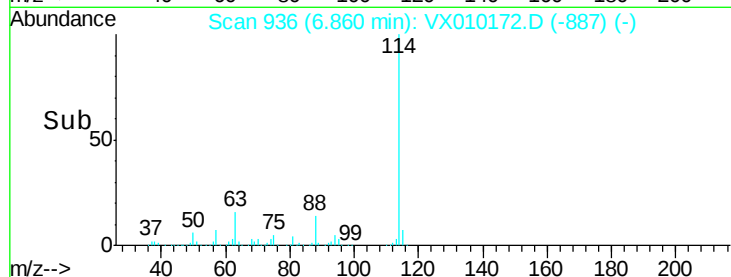
88 14.3 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 50.127 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010172.D

Acq: 10 Jun 2019 13:02

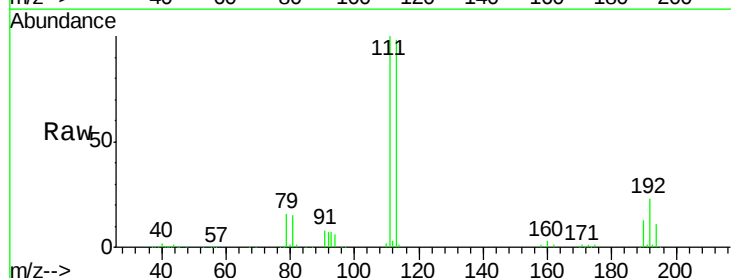
Tgt Ion:113 Resp: 128181

Ion Ratio Lower Upper

113 100

111 100.9 82.2 123.2

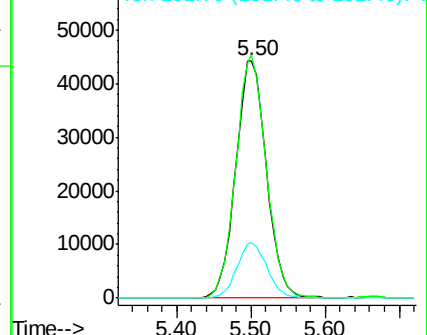
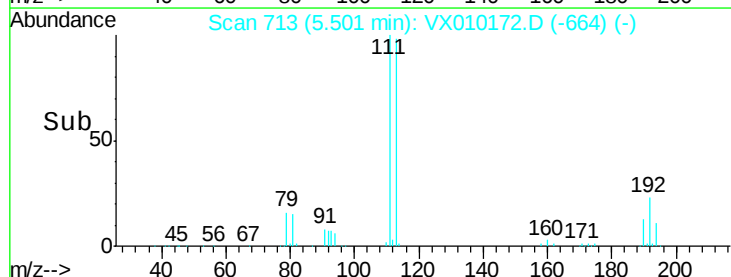
192 23.0 17.1 25.7

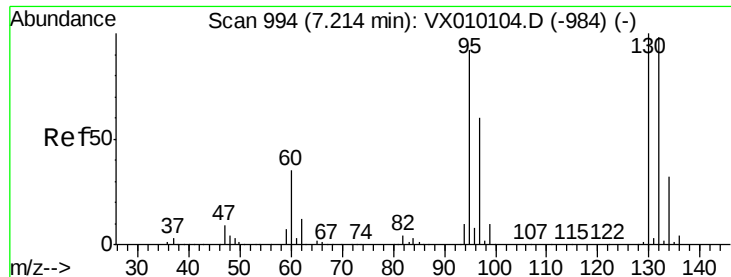


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

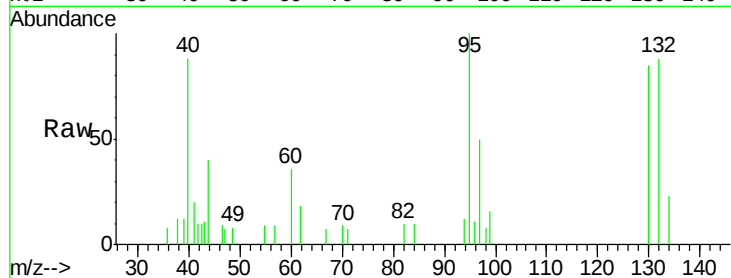




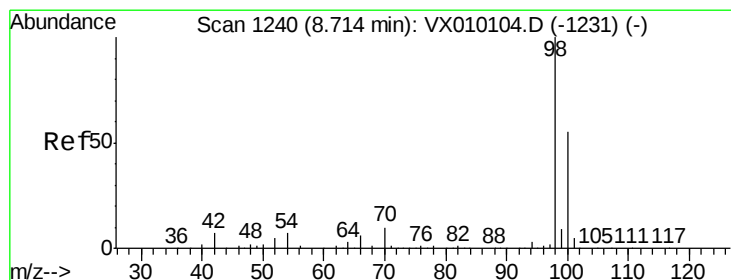
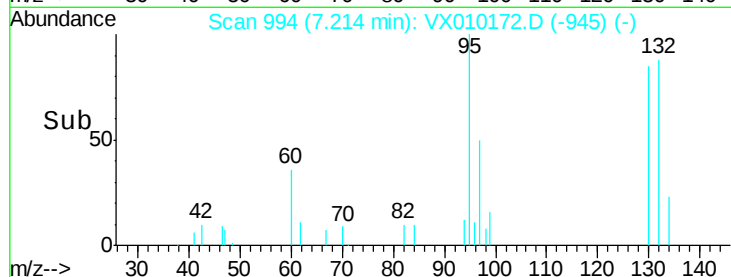
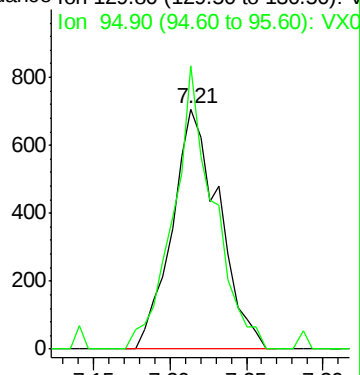
#44
 Trichloroethene
 Concen: 0.479 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010172.D
 Acq: 10 Jun 2019 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-DUP02-20190605

Tot Ion:130 Resp: 1509
 Ion Ratio Lower Upper
 130 100
 95 117.8 0.0 207.4

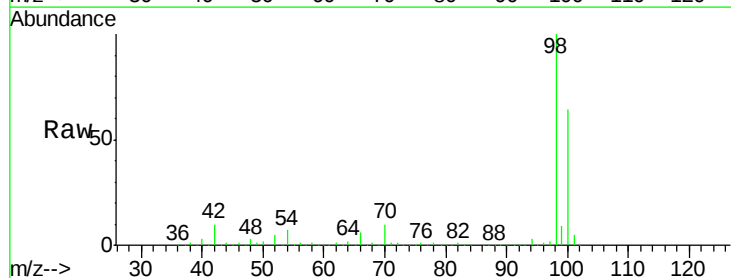


Abundance Ion 129.80 (129.50 to 130.50): V

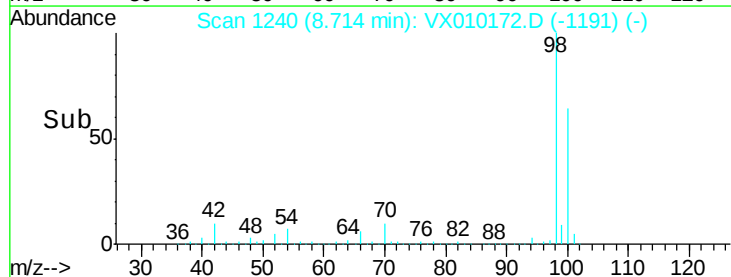
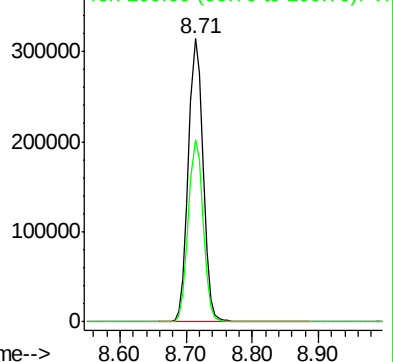


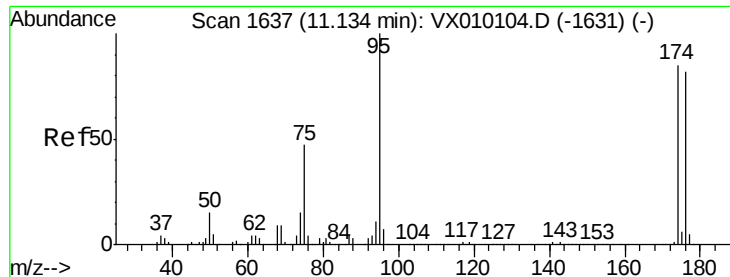
#50
 Toluene-d8
 Concen: 50.574 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010172.D
 Acq: 10 Jun 2019 13:02

Tgt Ion: 98 Resp: 484693
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.724 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010172.D

Acq: 10 Jun 2019 13:02

Instrument :

MSVOA_X

ClientSampleId :

BP-DUP02-20190605

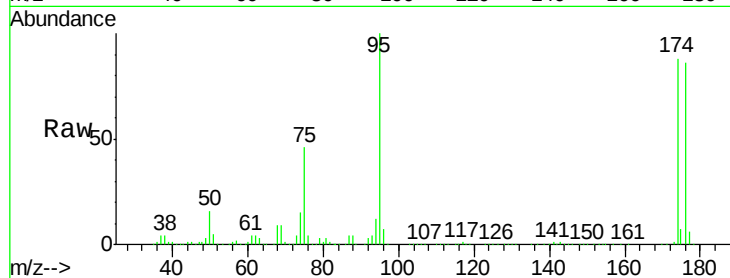
Tot Ion: 95 Resp: 167231

Ion Ratio Lower Upper

95 100

174 93.0 0.0 160.4

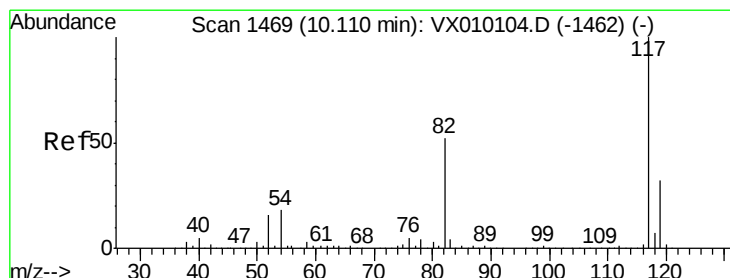
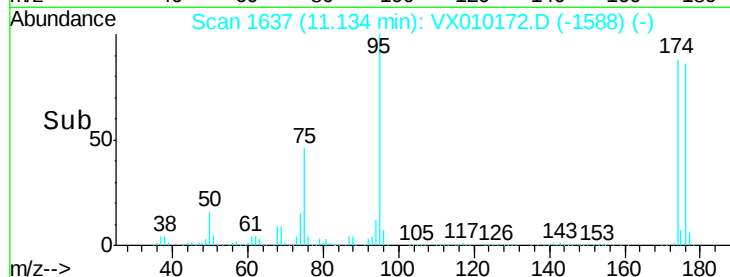
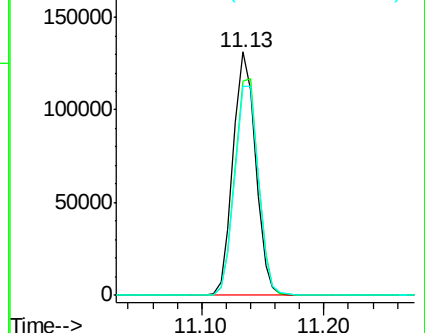
176 90.6 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX010172.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX010172.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX010172.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010172.D

Acq: 10 Jun 2019 13:02

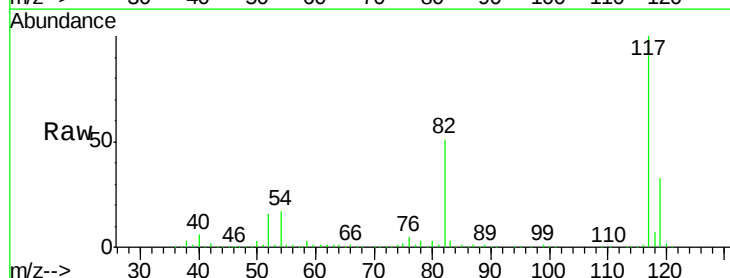
Tgt Ion: 117 Resp: 374080

Ion Ratio Lower Upper

117 100

82 51.1 49.2 73.8

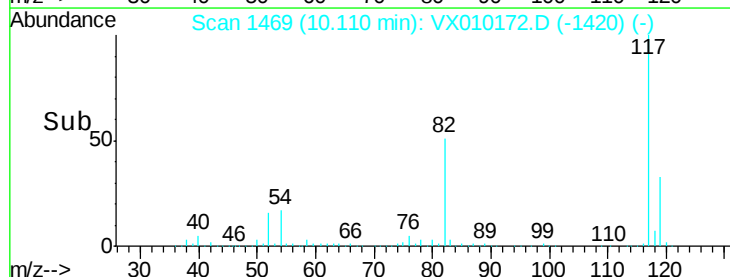
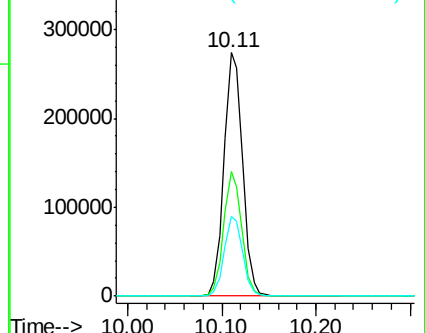
119 32.7 25.2 37.8

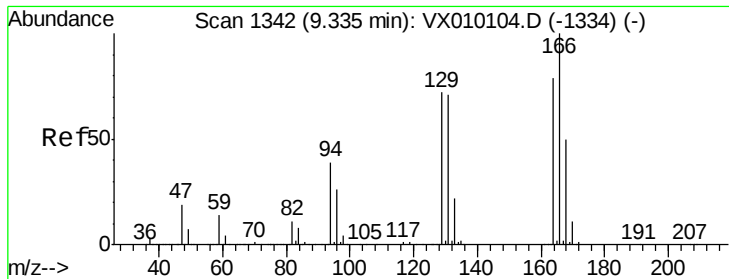


Abundance Ion 116.90 (116.60 to 117.60): VX010172.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX010172.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX010172.D (-1420) (-)

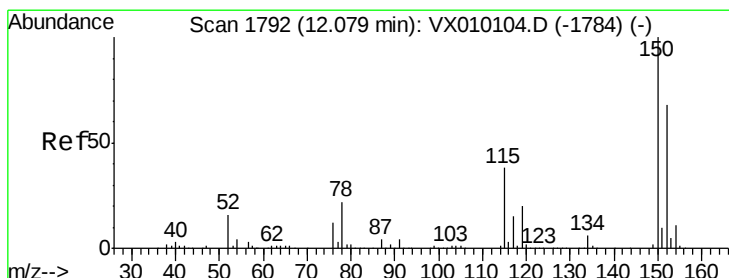
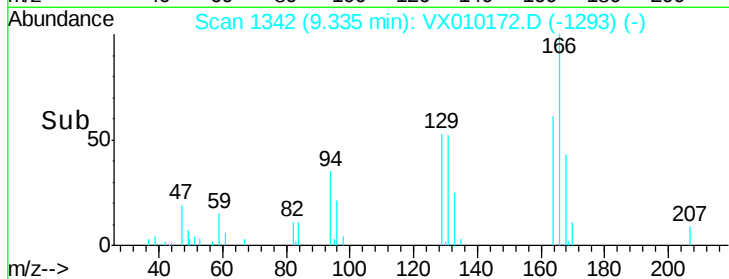
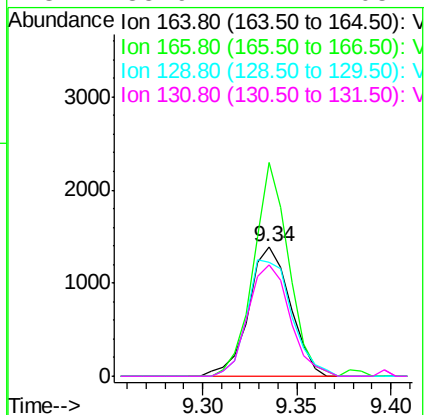
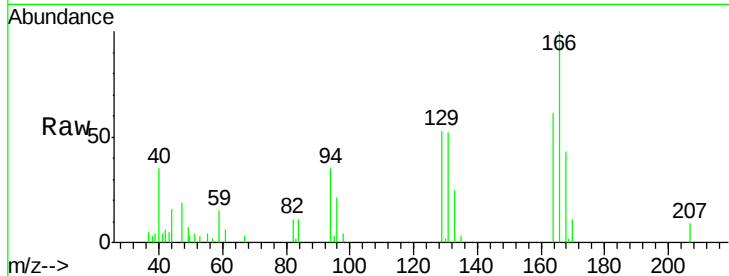




#64
Tetrachloroethene
Concen: 0.765 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010172.D
Acq: 10 Jun 2019 13:02

Instrument :
MSVOA_X
ClientSampleId :
BP-DUP02-20190605

Tot Ion	Ratio	Lower	Upper
164	100		
166	164.7	105.0	157.4
129	87.5	75.1	112.7
131	85.9	72.2	108.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010172.D
Acq: 10 Jun 2019 13:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.8	41.4	124.2
150	156.7	0.0	345.2

