

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
 Data File : VX009680.D
 Acq On : 17 May 2019 22:27
 Operator : JC/SP
 Sample : K2891-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-603-605

Quant Time: May 18 06:33:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

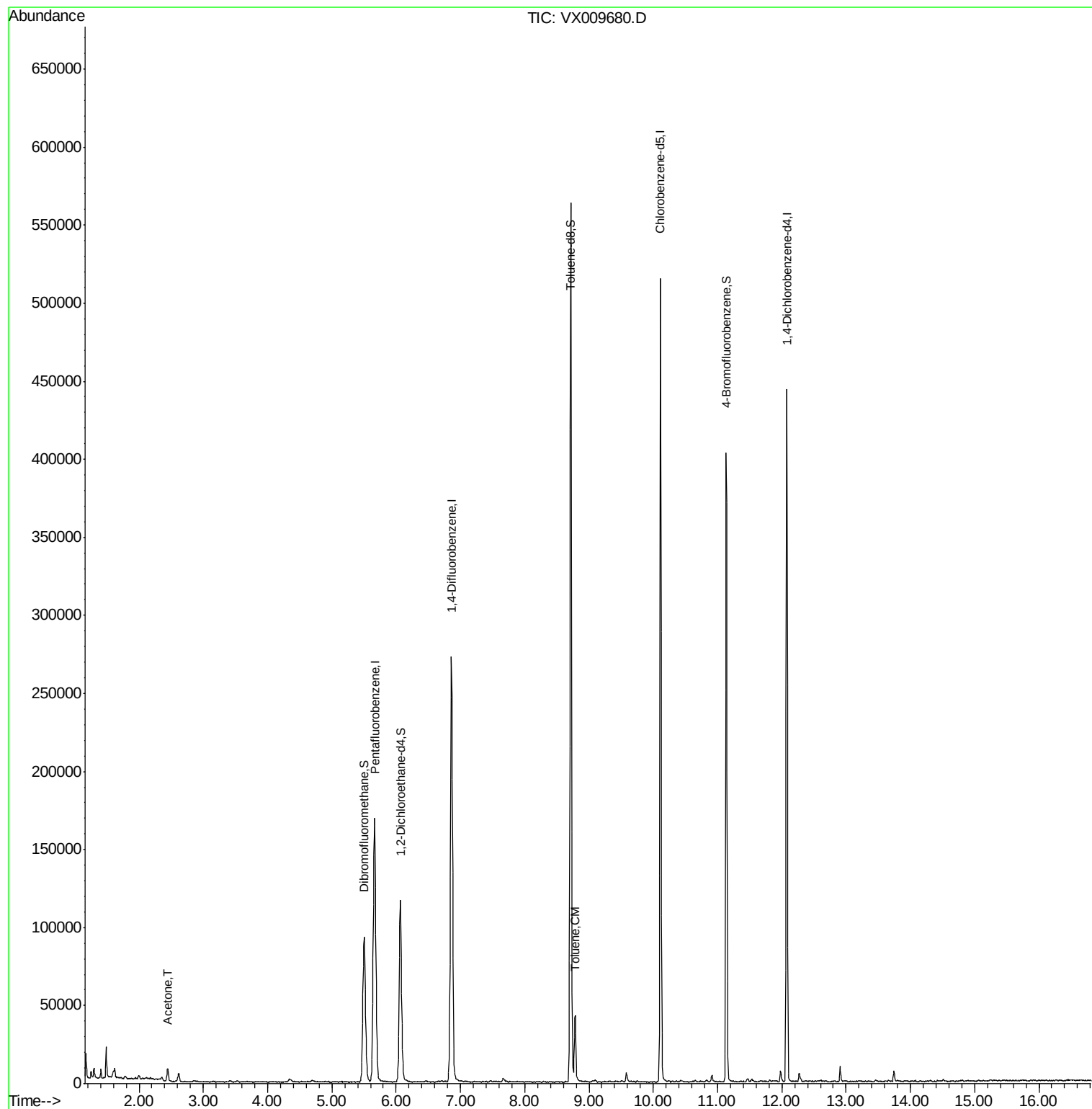
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	163471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	260019	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	227055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	92647	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	110123	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
35) Dibromofluoromethane	5.50	113	80652	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
50) Toluene-d8	8.71	98	326996	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
62) 4-Bromofluorobenzene	11.13	95	104813	43.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.42%	
Target Compounds						
16) Acetone	2.45	43	8591	7.170	ug/l	97
52) Toluene	8.79	92	15632	3.439	ug/l	95

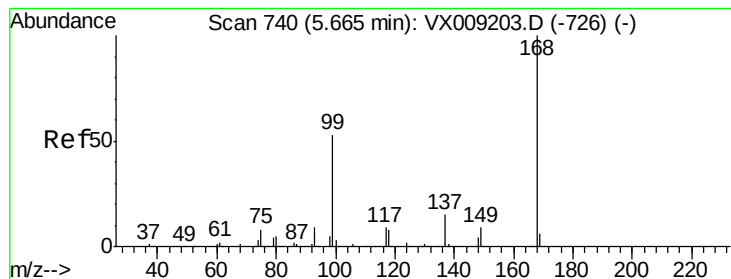
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009680.D

Acq: 17 May 2019 22:27

Instrument :

MSVOA_X

ClientSampleId :

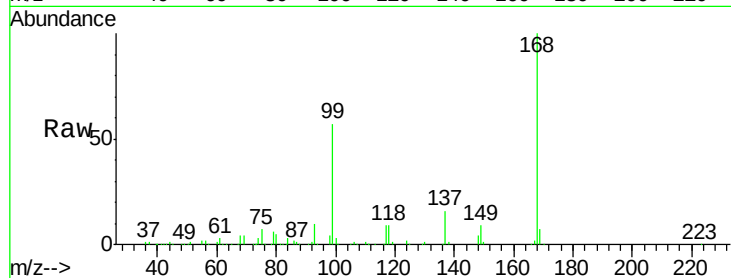
BP-VPB202-GW-603-605

Tot Ion:168 Resp: 163471

Ion Ratio Lower Upper

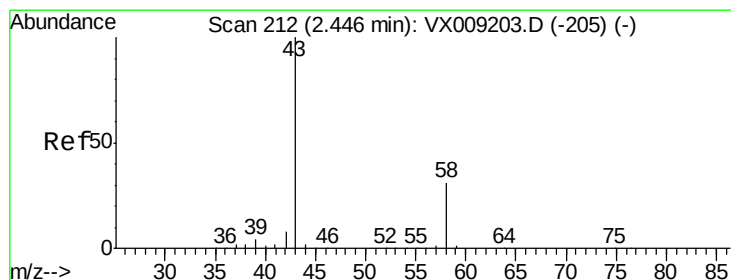
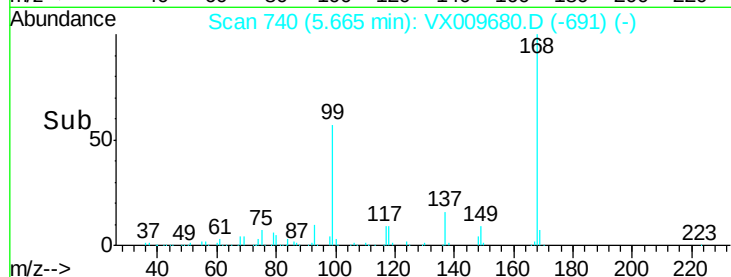
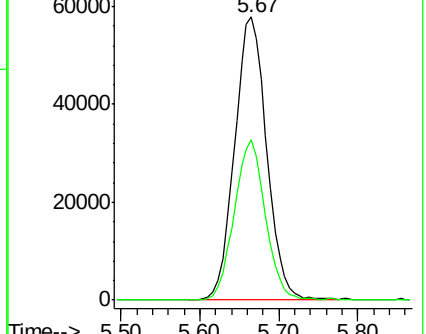
168 100

99 56.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 7.170 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009680.D

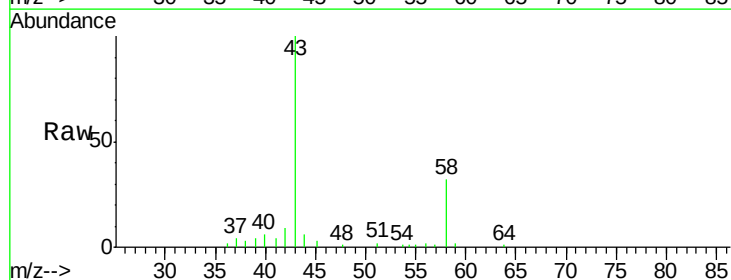
Acq: 17 May 2019 22:27

Tgt Ion: 43 Resp: 8591

Ion Ratio Lower Upper

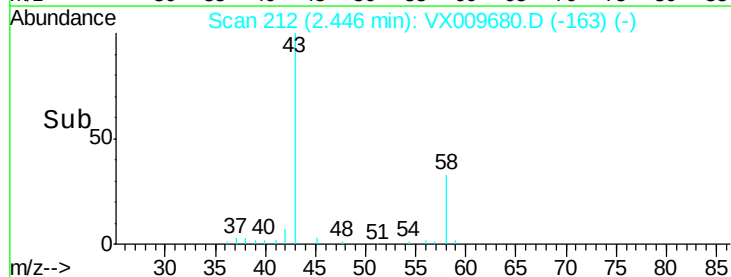
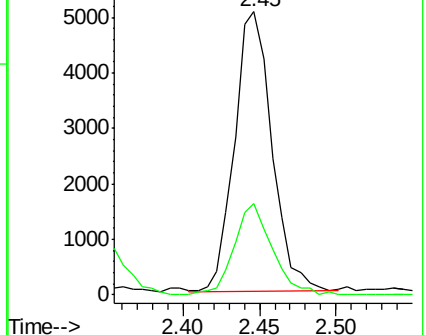
43 100

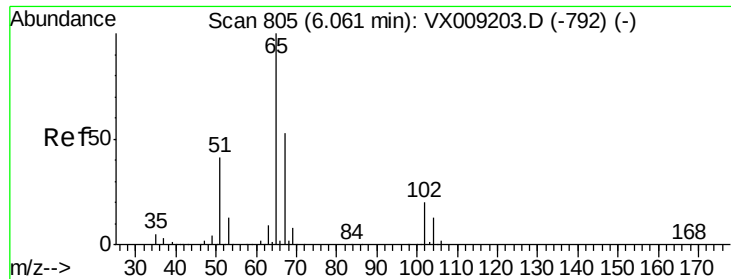
58 32.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

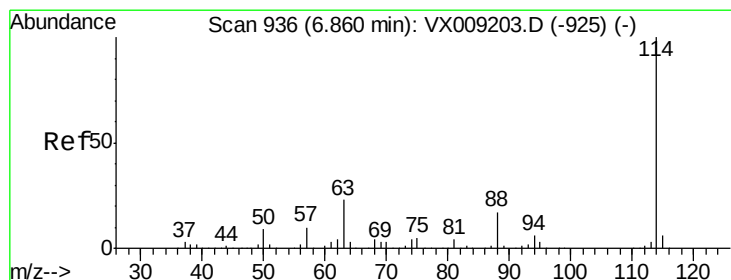
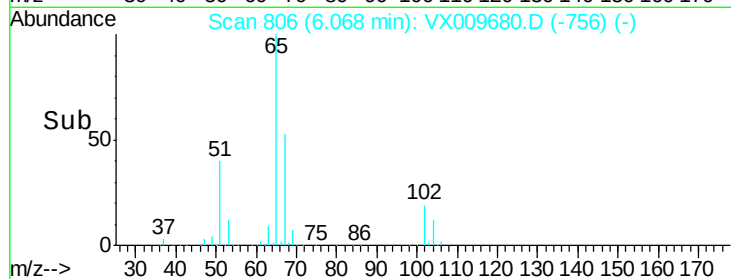
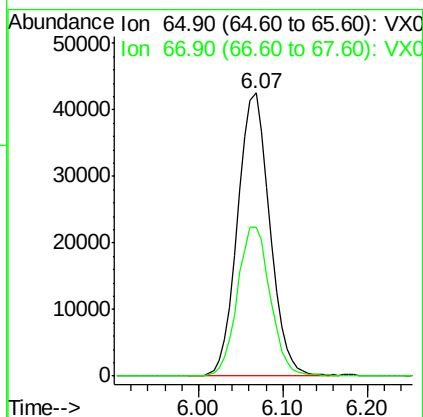
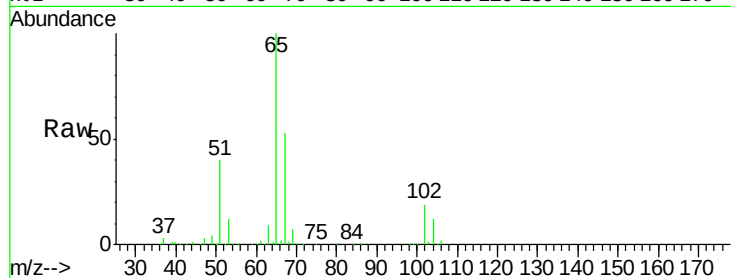




#33
 1,2-Dichloroethane-d4
 Concen: 49.348 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX009680.D
 Acq: 17 May 2019 22:27

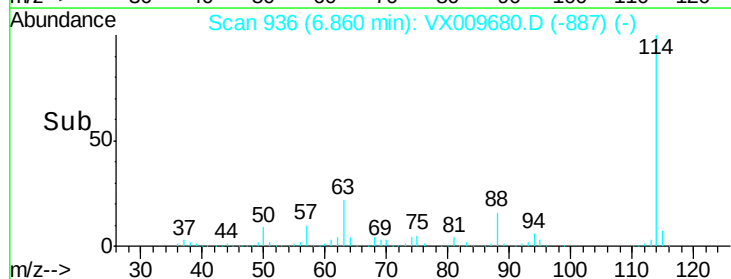
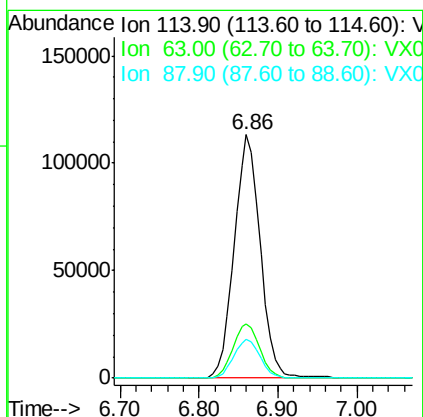
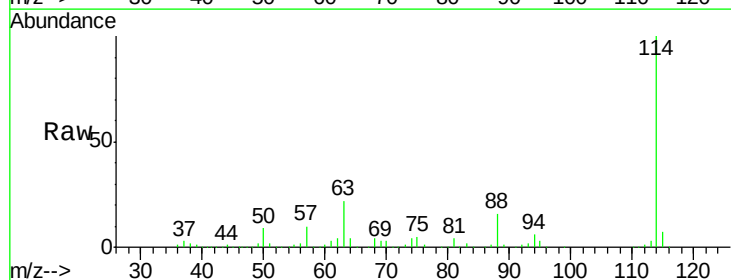
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-603-605

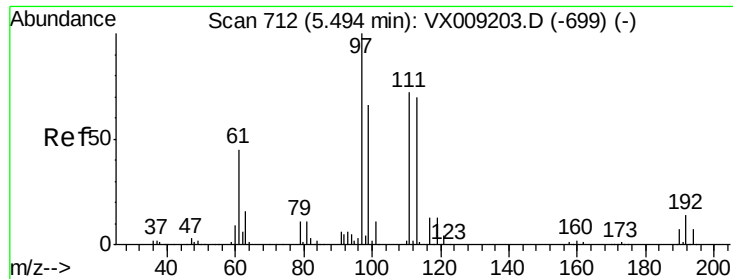
Tot Ion: 65 Resp: 110123
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009680.D
 Acq: 17 May 2019 22:27

Tgt Ion: 114 Resp: 260019
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.6
 88 16.2 0.0 33.2

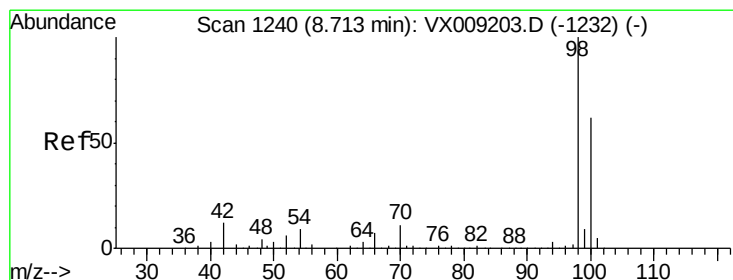
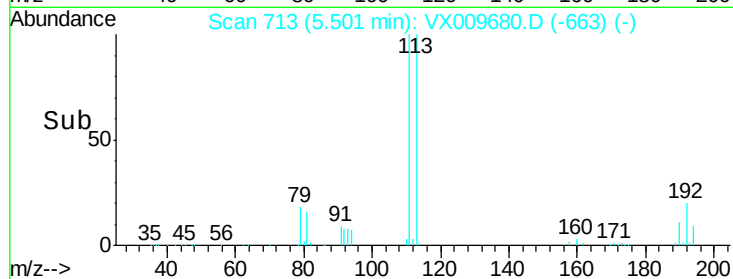
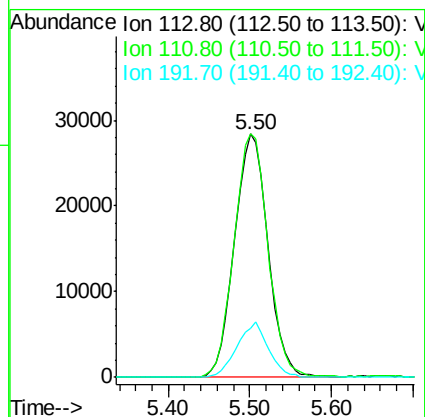
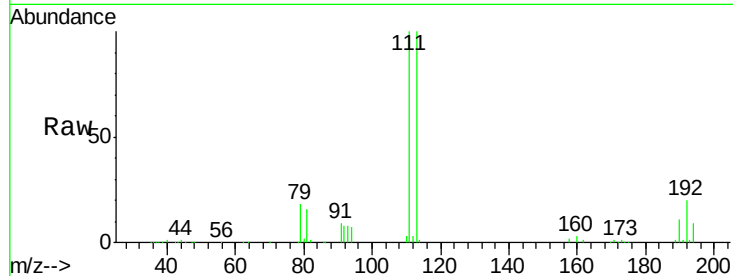




#35
 Dibromofluoromethane
 Concen: 49.341 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009680.D
 Acq: 17 May 2019 22:27

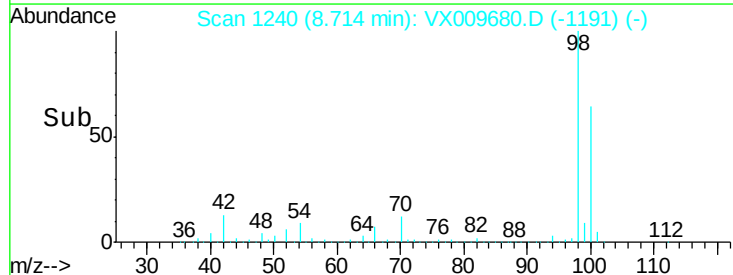
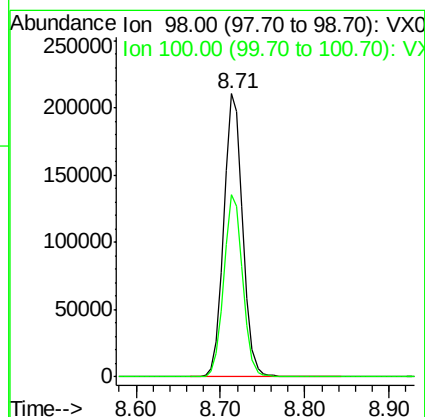
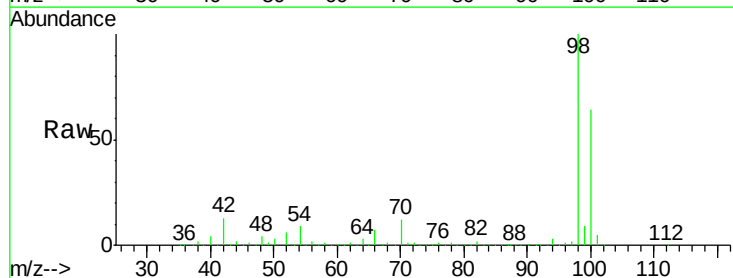
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-603-605

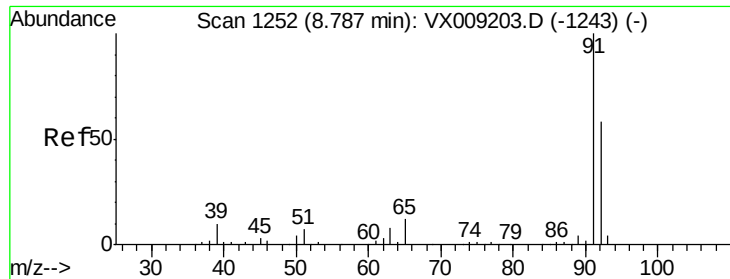
Tot Ion:113 Resp: 80652
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.8 124.2
 192 21.3 17.0 25.6



#50
 Toluene-d8
 Concen: 49.551 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009680.D
 Acq: 17 May 2019 22:27

Tgt Ion: 98 Resp: 326996
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.2 76.8





#52

Toluene

Concen: 3.439 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009680.D

Acq: 17 May 2019 22:27

Instrument :

MSVOA_X

ClientSampleId :

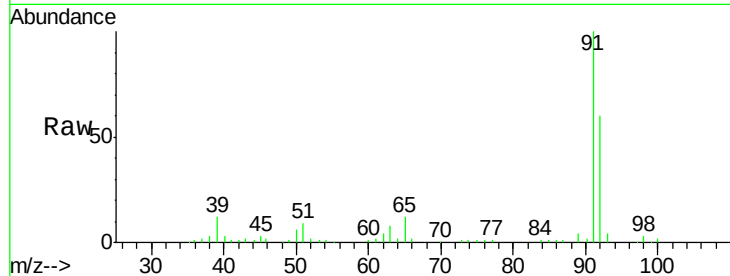
BP-VPB202-GW-603-605

Tot Ion: 92 Resp: 15632

Ion Ratio Lower Upper

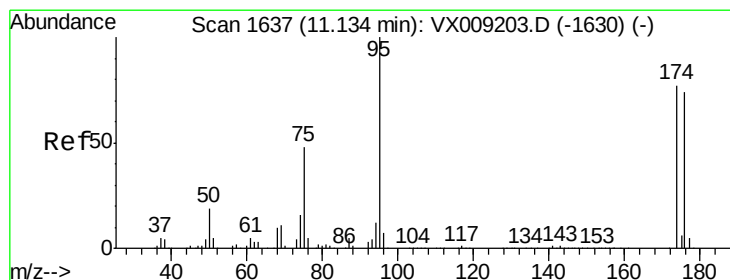
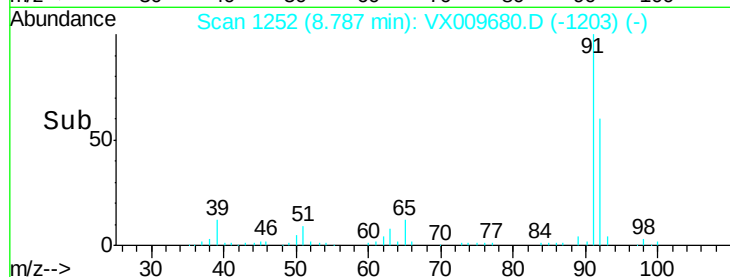
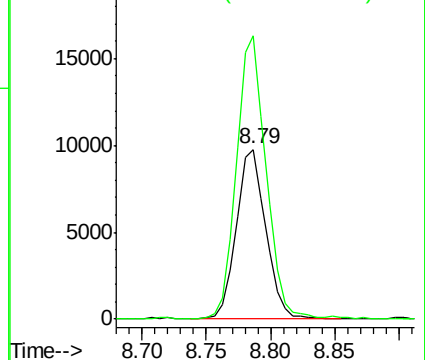
92 100

91 166.0 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 43.710 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009680.D

Acq: 17 May 2019 22:27

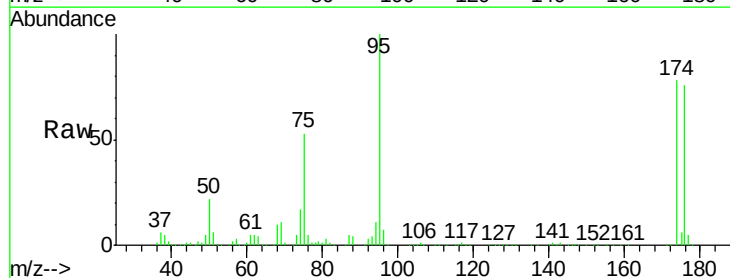
Tgt Ion: 95 Resp: 104813

Ion Ratio Lower Upper

95 100

174 82.6 0.0 161.6

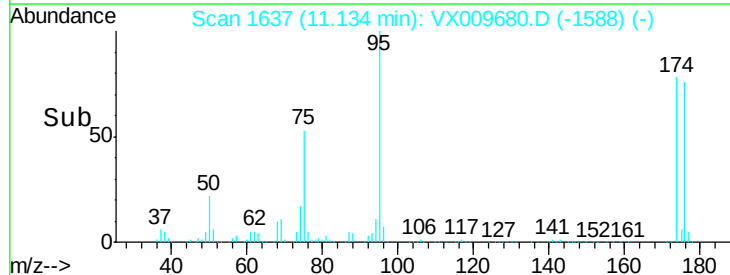
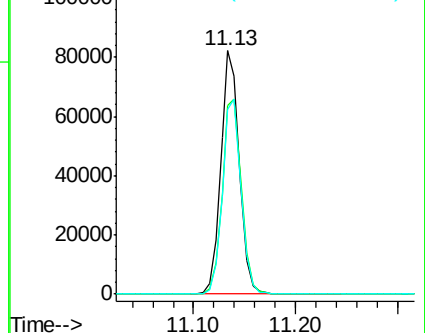
176 80.3 0.0 159.2

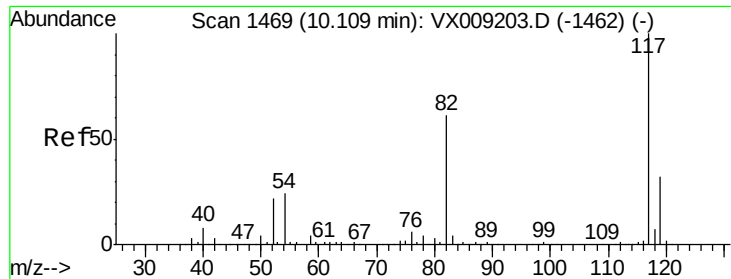


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

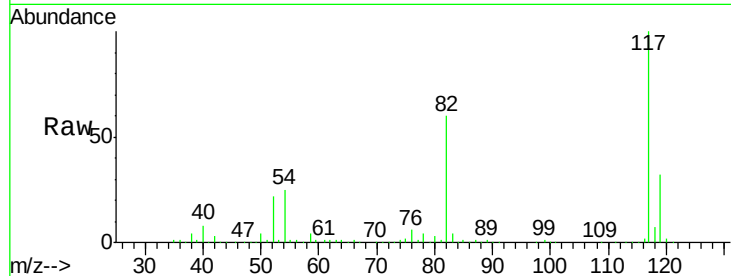




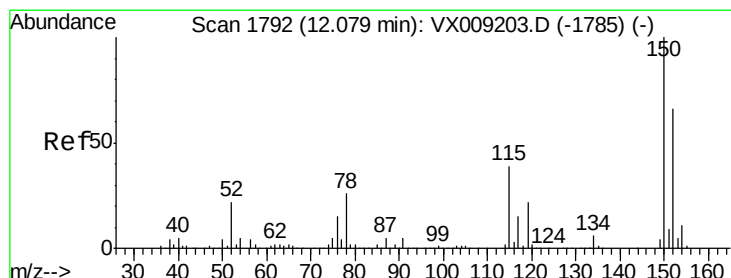
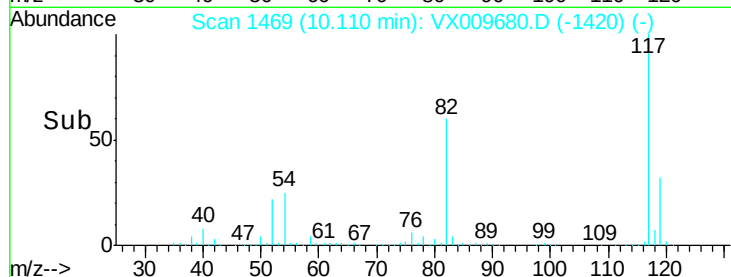
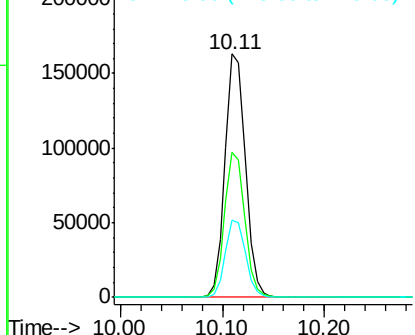
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009680.D
Acq: 17 May 2019 22:27

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-603-605

Tot Ion:117 Resp: 227055
Ion Ratio Lower Upper
117 100
82 59.6 48.8 73.2
119 31.7 25.8 38.6

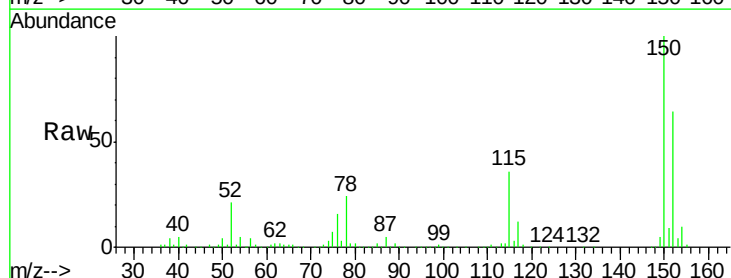


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009680.D
Acq: 17 May 2019 22:27

Tgt Ion:152 Resp: 92647
Ion Ratio Lower Upper
152 100
115 57.8 41.2 123.6
150 154.9 0.0 346.4



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

