

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052019\
 Data File : VX009723.D
 Acq On : 20 May 2019 14:05
 Operator : JC/SP
 Sample : K2952-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-658-660

Quant Time: May 21 08:15:41 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

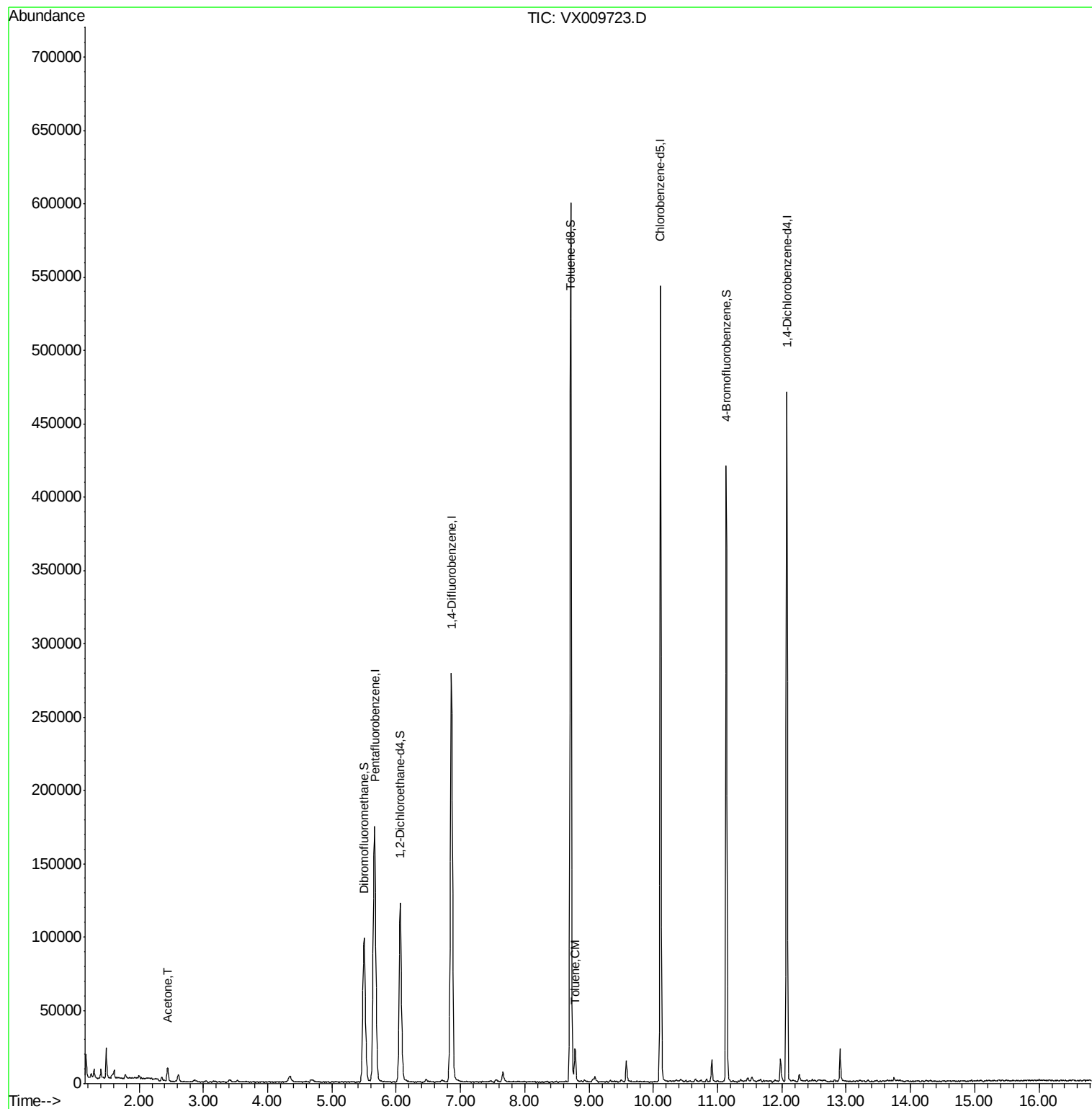
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	171308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	272899	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	236144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95893	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	114148	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
35) Dibromofluoromethane	5.50	113	83560	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
50) Toluene-d8	8.71	98	342548	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	11.13	95	110041	43.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.44%	
Target Compounds						
16) Acetone	2.45	43	10640	8.473	ug/l	95
52) Toluene	8.79	92	7727	1.620	ug/l	99

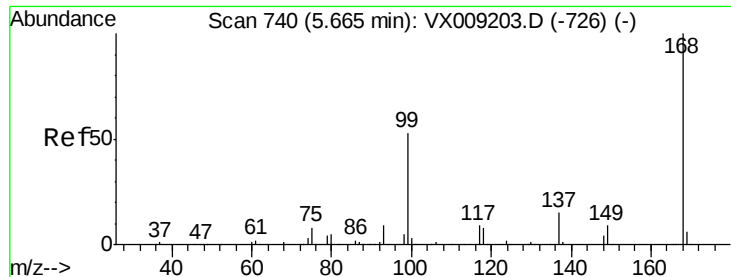
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009723.D

Acq: 20 May 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

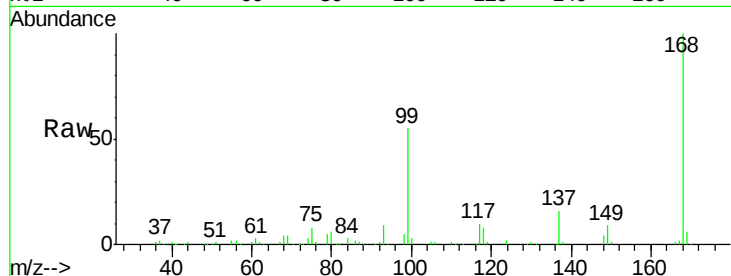
BP-VPB202-GW-658-660

Tot Ion:168 Resp: 171308

Ion Ratio Lower Upper

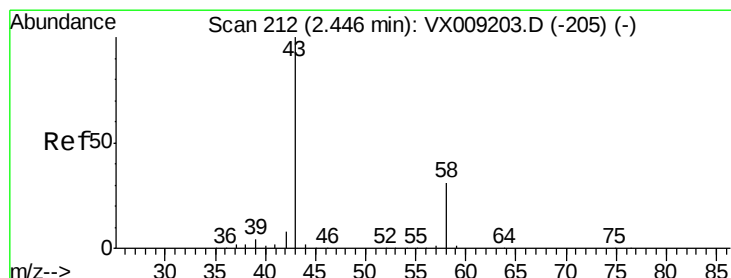
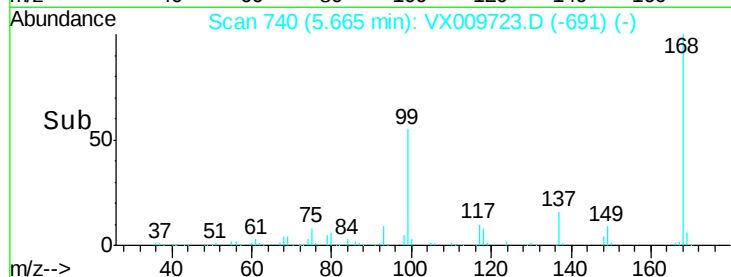
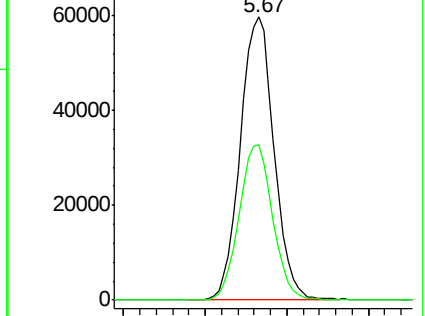
168 100

99 55.0 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: 8.473 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009723.D

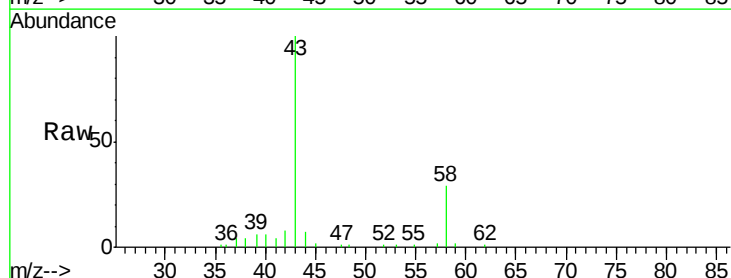
Acq: 20 May 2019 14:05

Tgt Ion: 43 Resp: 10640

Ion Ratio Lower Upper

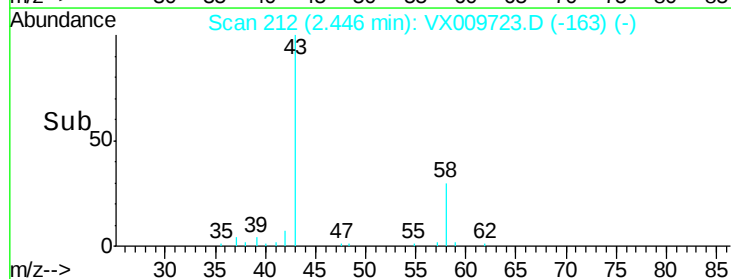
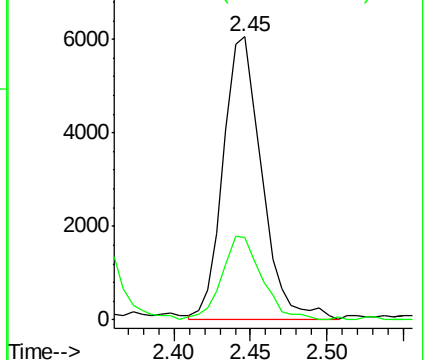
43 100

58 28.3 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: 48.811 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009723.D

Acq: 20 May 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

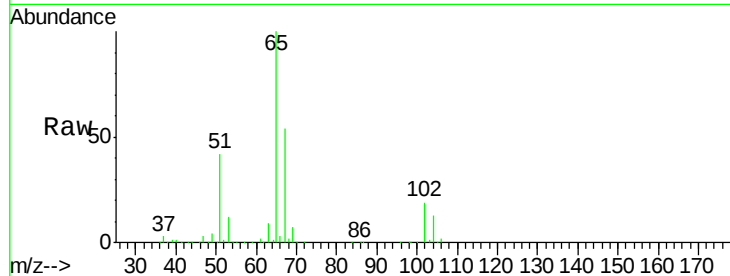
BP-VPB202-GW-658-660

Tot Ion: 65 Resp: 114148

Ion Ratio Lower Upper

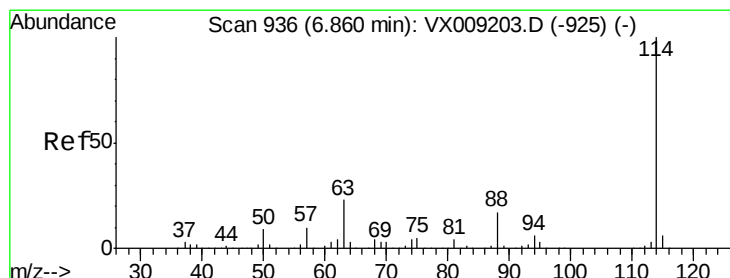
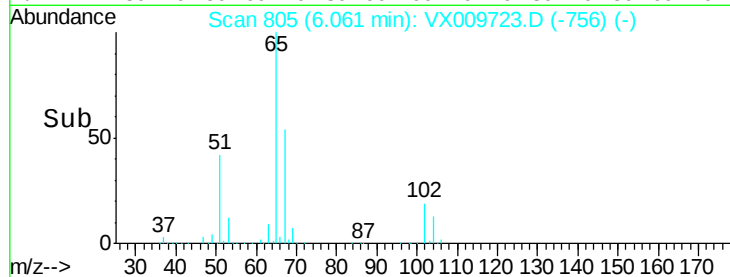
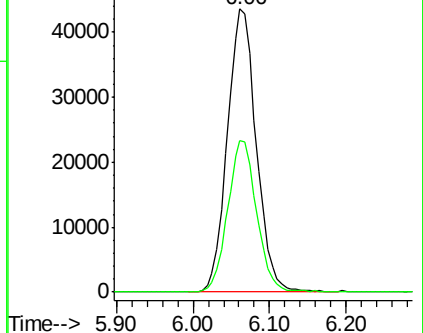
65 100

67 53.5 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009723.D

Acq: 20 May 2019 14:05

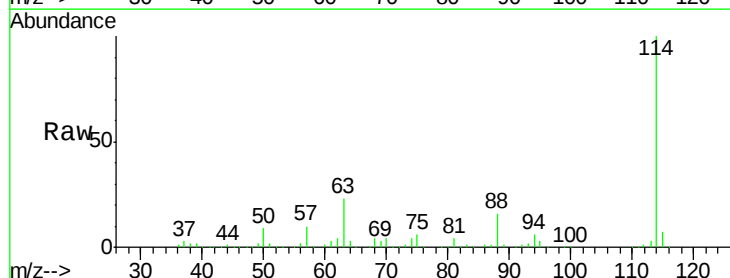
Tgt Ion: 114 Resp: 272899

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

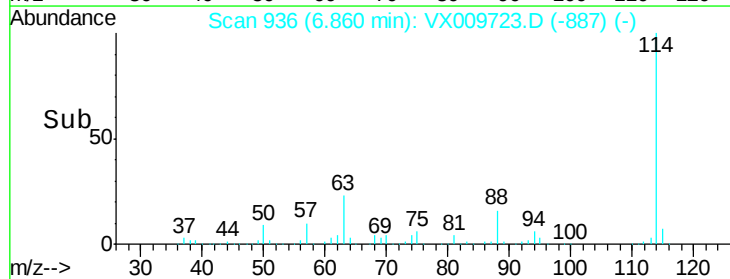
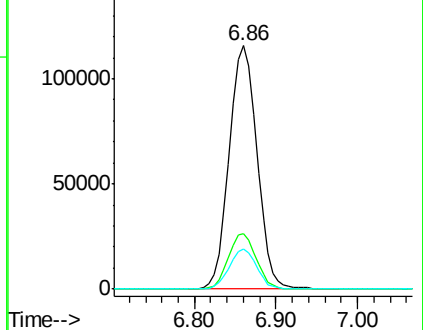
88 16.4 0.0 33.2

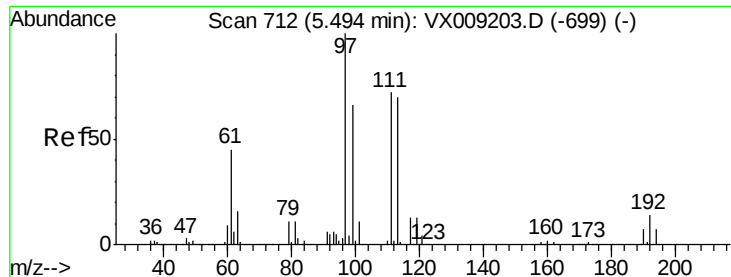


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.707 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009723.D

Acq: 20 May 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-GW-658-660

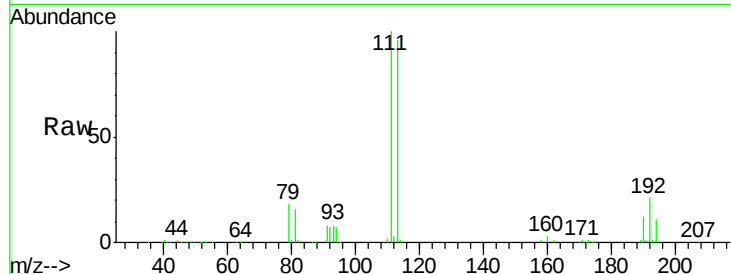
Tot Ion:113 Resp: 83560

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

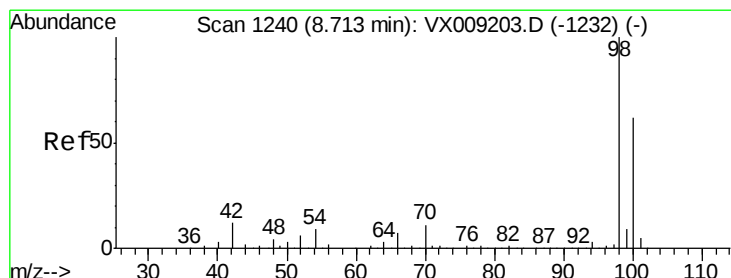
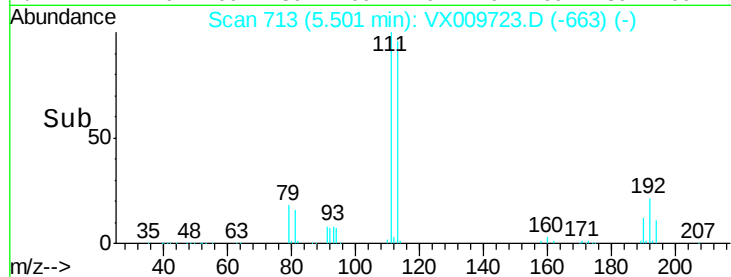
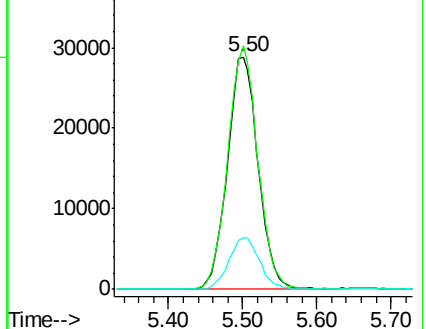
192 22.1 17.0 25.6



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



#50

Toluene-d8

Concen: 49.457 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009723.D

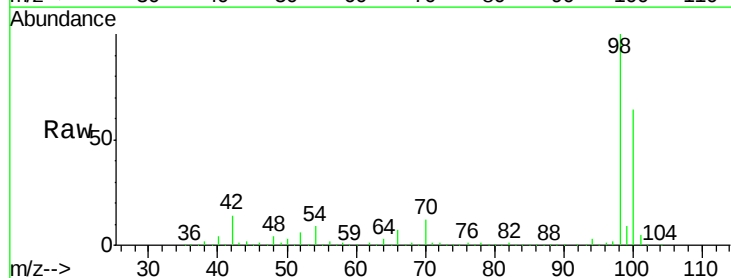
Acq: 20 May 2019 14:05

Tgt Ion: 98 Resp: 342548

Ion Ratio Lower Upper

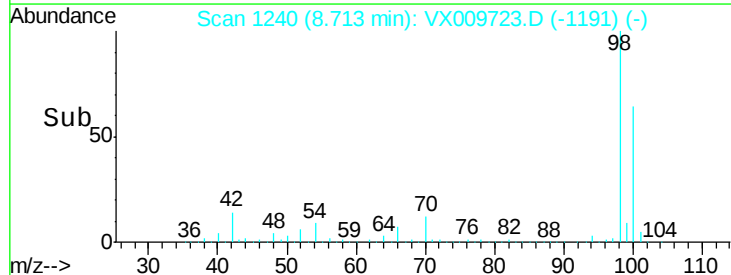
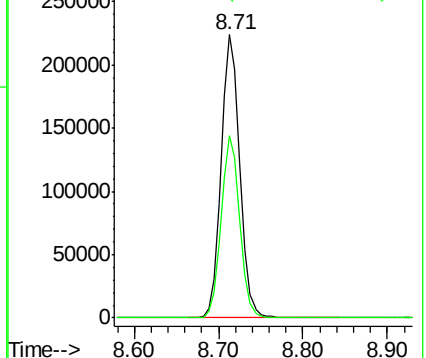
98 100

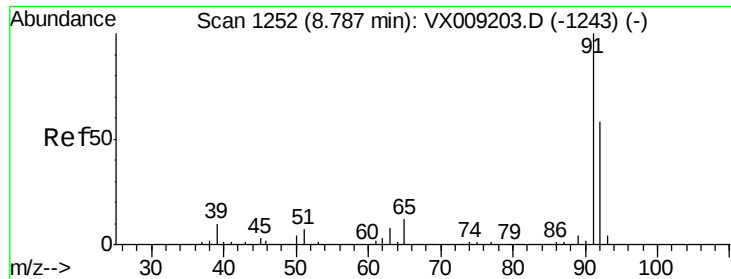
100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 1.620 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009723.D

Acq: 20 May 2019 14:05

Instrument :

MSVOA_X

ClientSampleId :

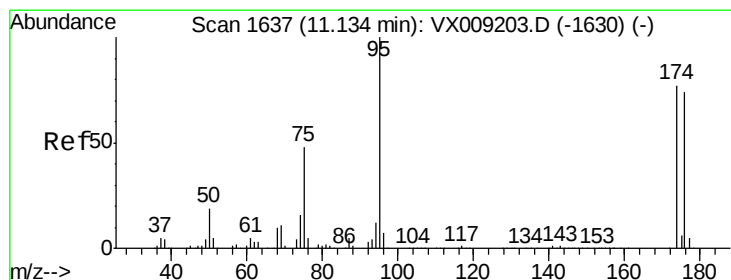
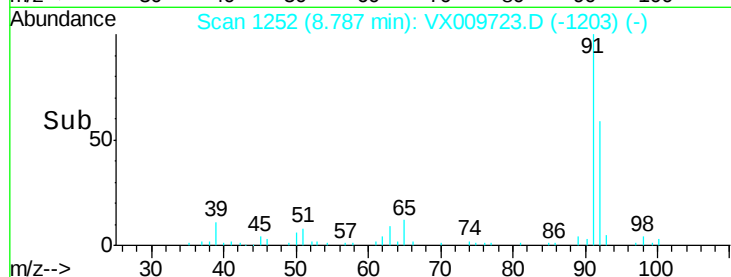
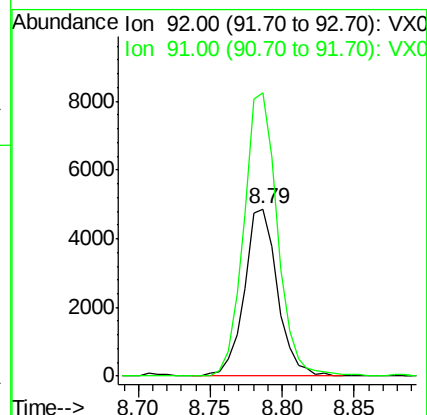
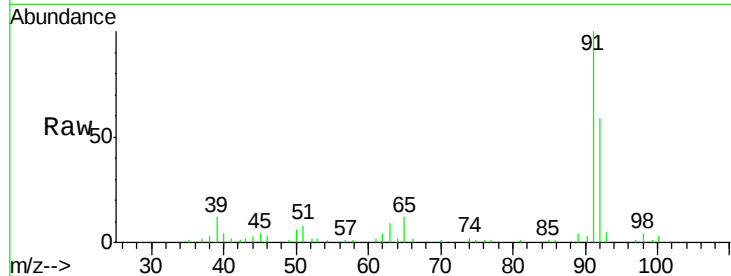
BP-VPB202-GW-658-660

Tot Ion: 92 Resp: 7727

Ion Ratio Lower Upper

92 100

91 172.4 138.8 208.2



#62

4-Bromofluorobenzene

Concen: 43.725 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009723.D

Acq: 20 May 2019 14:05

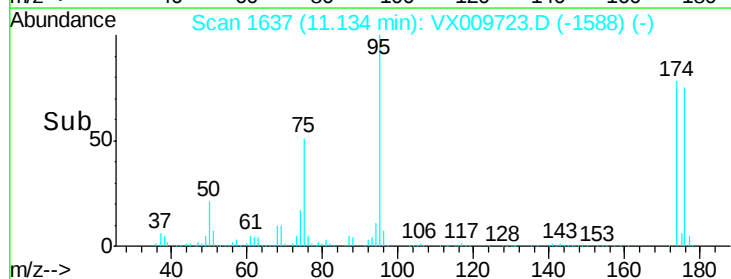
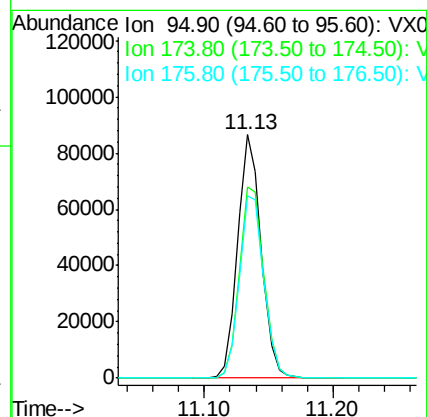
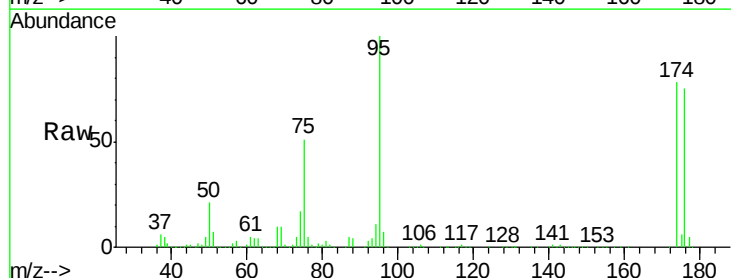
Tgt Ion: 95 Resp: 110041

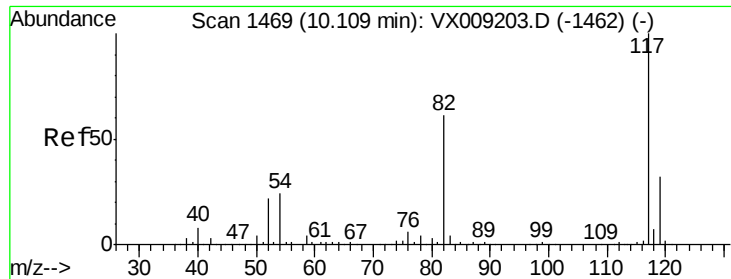
Ion Ratio Lower Upper

95 100

174 81.9 0.0 161.6

176 78.1 0.0 159.2

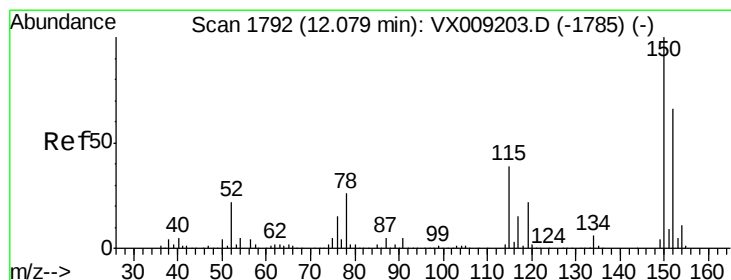
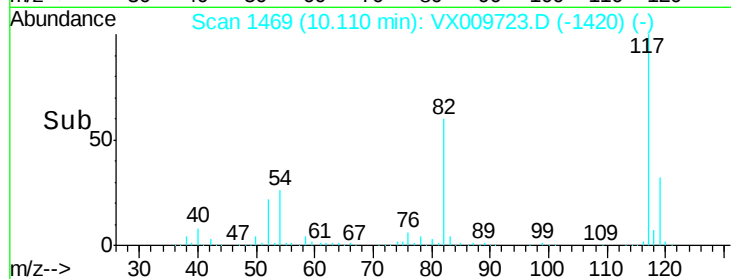
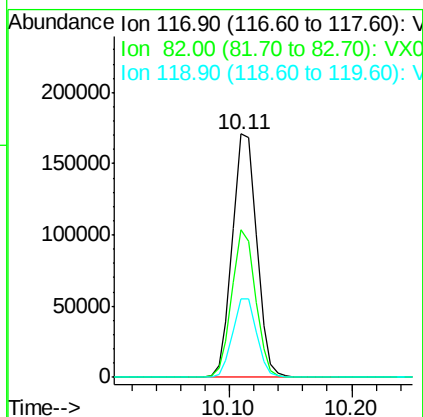
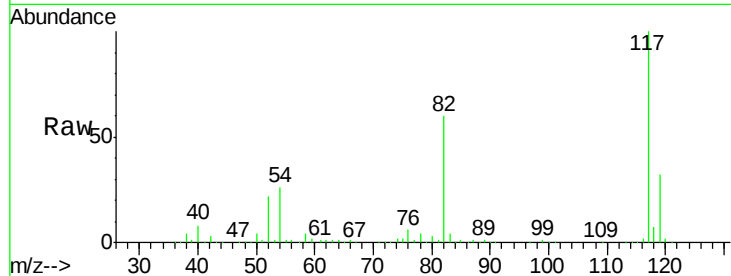




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009723.D
Acq: 20 May 2019 14:05

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB202-GW-658-660

Tot Ion:117 Resp: 236144
Ion Ratio Lower Upper
117 100
82 60.4 48.8 73.2
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009723.D
Acq: 20 May 2019 14:05

Tgt Ion:152 Resp: 95893
Ion Ratio Lower Upper
152 100
115 59.1 41.2 123.6
150 158.0 0.0 346.4

