

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052119\
 Data File : VX009750.D
 Acq On : 21 May 2019 16:11
 Operator : JC/SP
 Sample : K2974-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-798-800

Quant Time: May 22 07:54:18 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

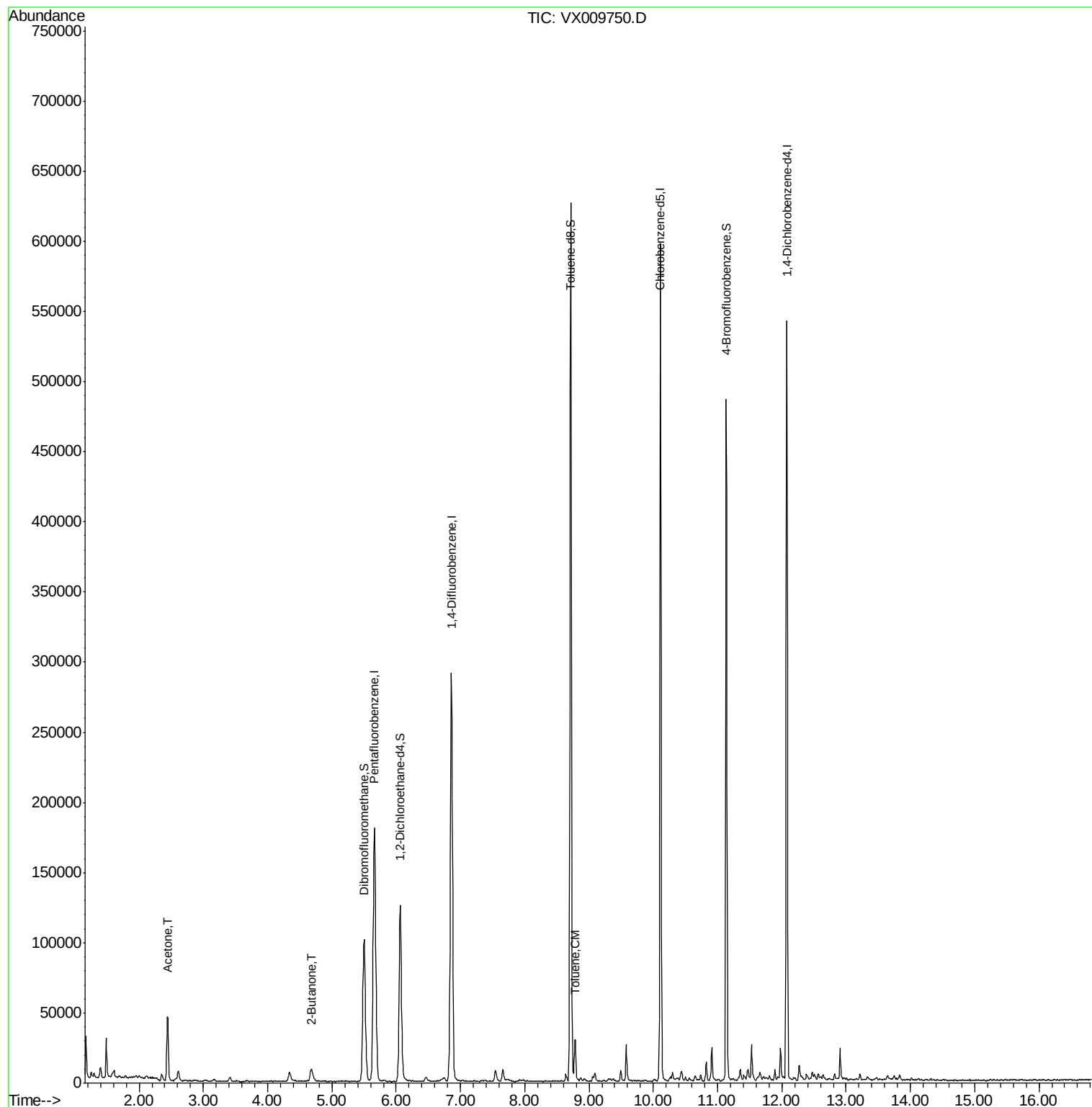
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	177454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	283928	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111803	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118928	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
35) Dibromofluoromethane	5.50	113	87509	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
50) Toluene-d8	8.71	98	360356	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	11.13	95	121577	46.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.86%	
Target Compounds						
16) Acetone	2.44	43	52630	40.461	ug/l	99
25) 2-Butanone	4.68	43	17523	8.669	ug/l	100
52) Toluene	8.79	92	10377	2.091	ug/l	96

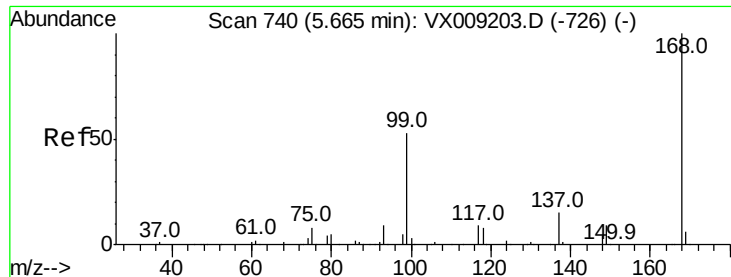
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
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: VX009750.D

Acq: 21 May 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

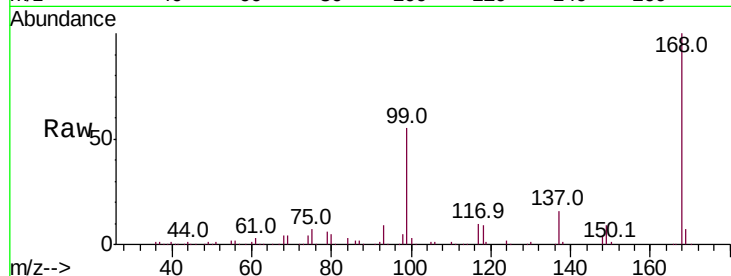
BP-VPB202-GW-798-800

Tot Ion:168 Resp: 177454

Ion Ratio Lower Upper

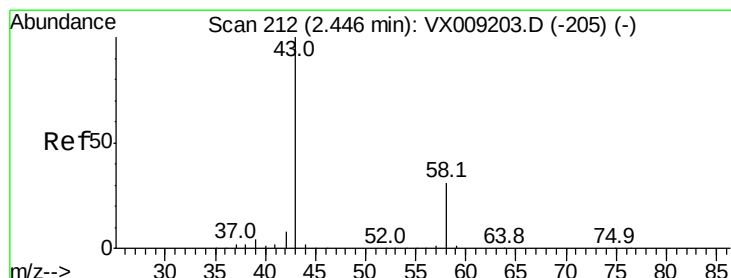
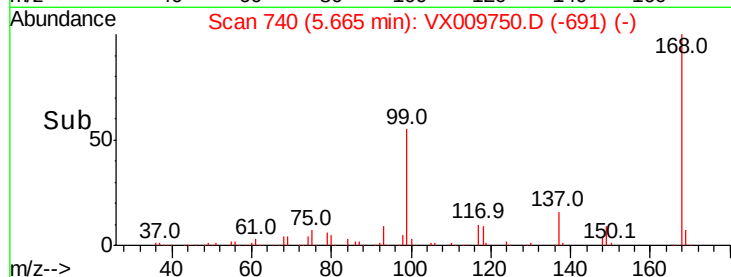
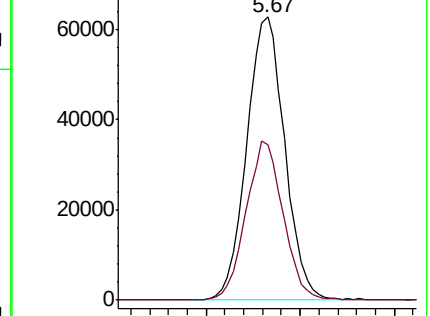
168 100

99 55.1 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: 40.461 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009750.D

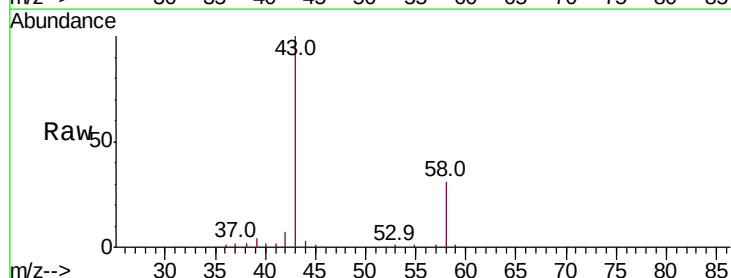
Acq: 21 May 2019 16:11

Tgt Ion: 43 Resp: 52630

Ion Ratio Lower Upper

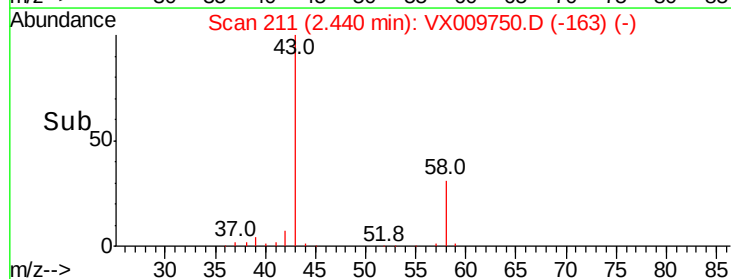
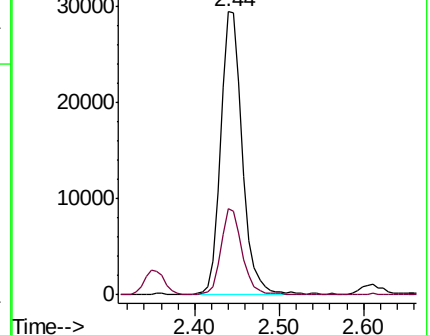
43 100

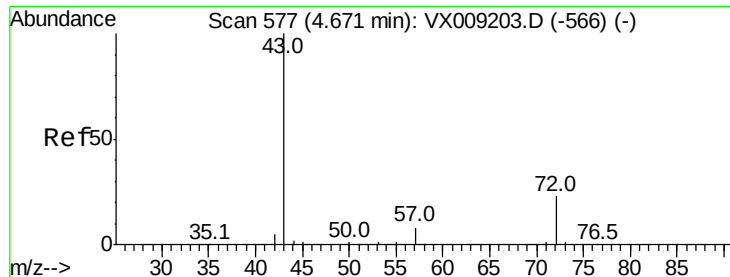
58 30.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 8.669 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009750.D

Acq: 21 May 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

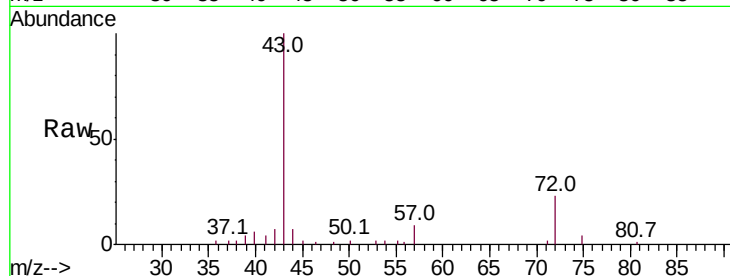
BP-VPB202-GW-798-800

Tot Ion: 43 Resp: 17523

Ion Ratio Lower Upper

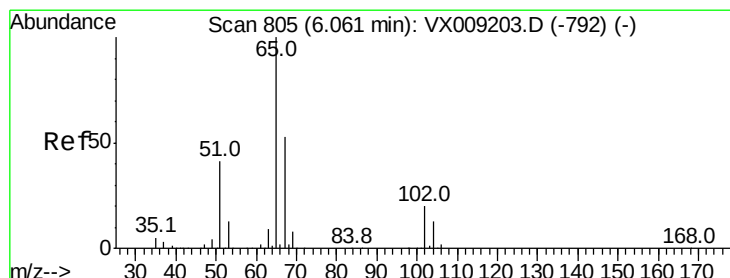
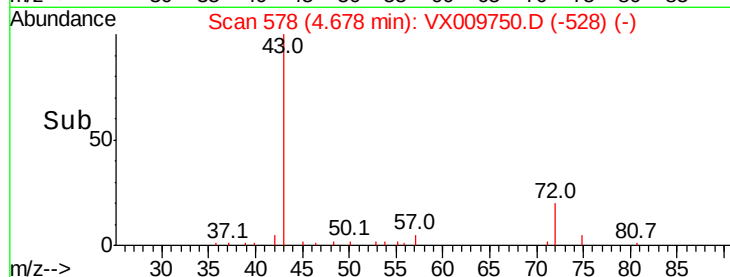
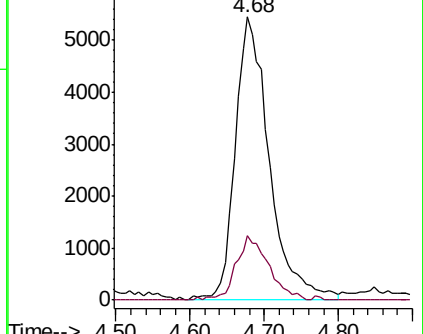
43 100

72 22.7 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.094 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009750.D

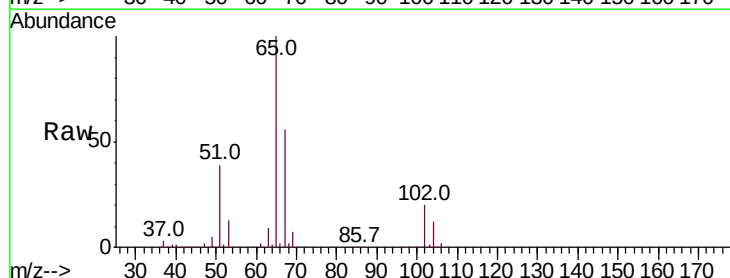
Acq: 21 May 2019 16:11

Tgt Ion: 65 Resp: 118928

Ion Ratio Lower Upper

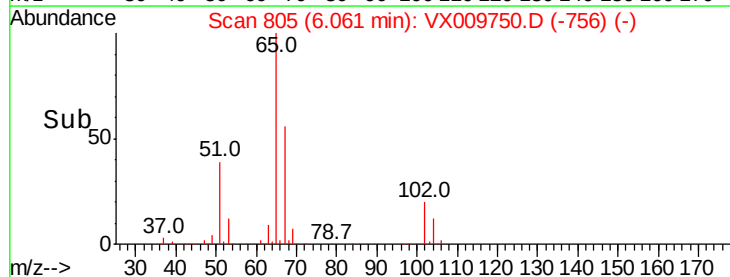
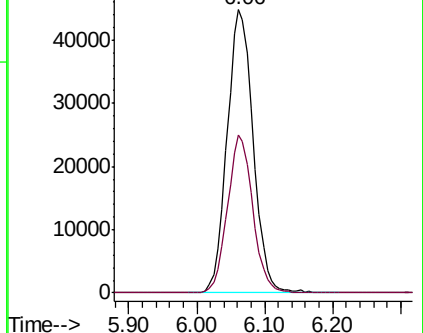
65 100

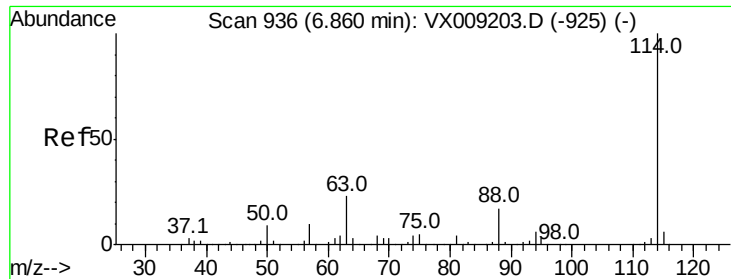
67 54.1 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

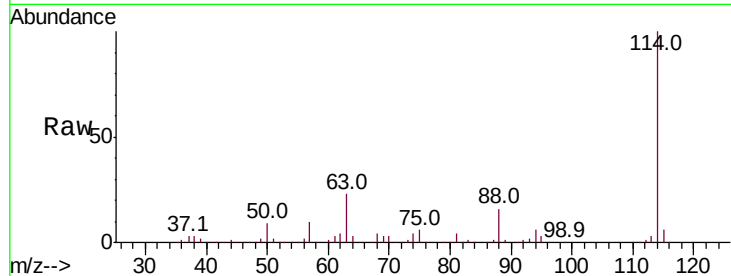




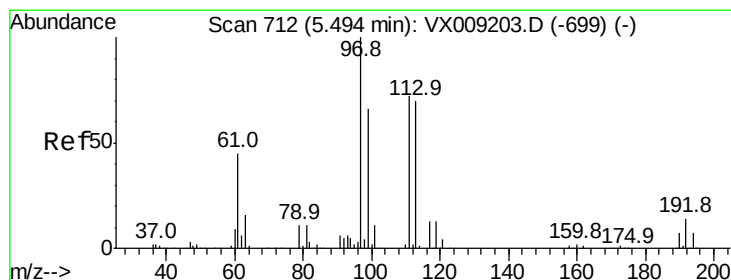
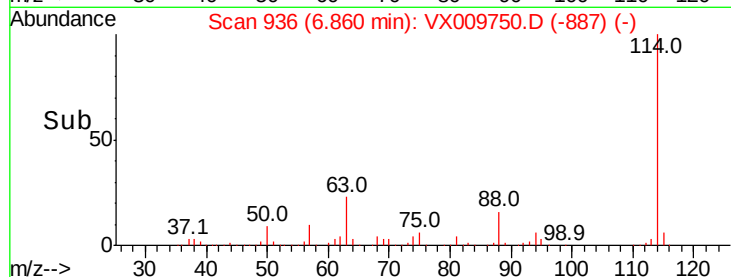
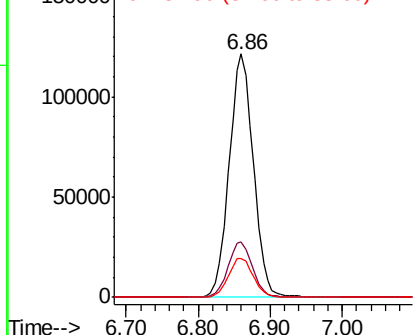
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009750.D
 Acq: 21 May 2019 16:11

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-798-800

Tot Ion:114 Resp: 283928
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.6
 88 16.0 0.0 33.2

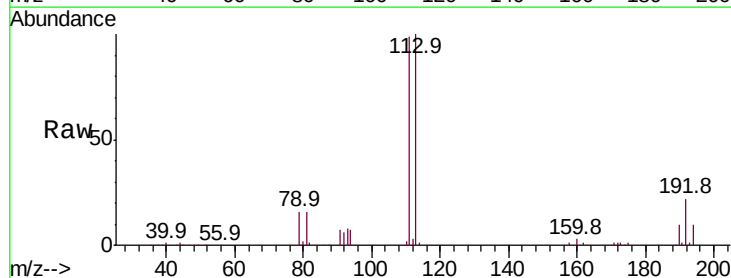


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

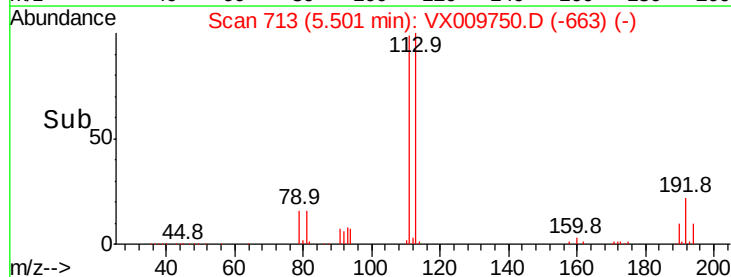
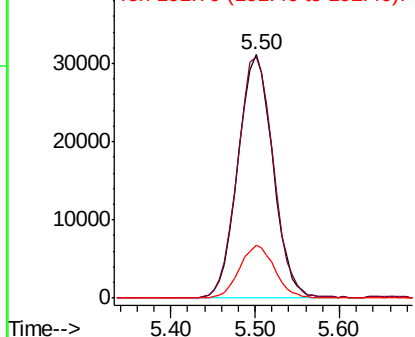


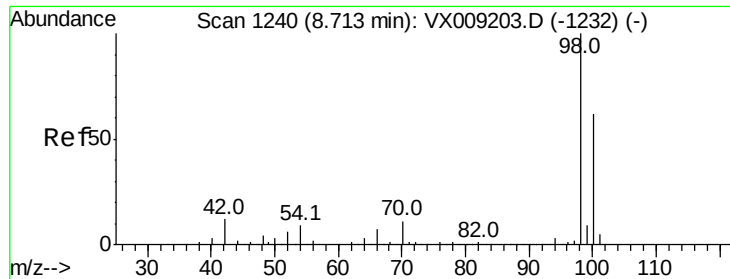
#35
 Dibromofluoromethane
 Concen: 49.028 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009750.D
 Acq: 21 May 2019 16:11

Tgt Ion:113 Resp: 87509
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.8 124.2
 192 21.7 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: 50.008 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009750.D

Acq: 21 May 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

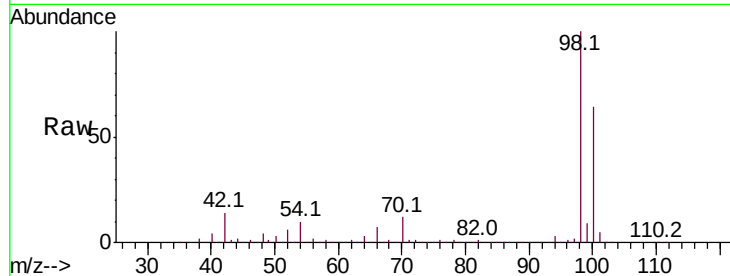
BP-VPB202-GW-798-800

Tot Ion: 98 Resp: 360356

Ion Ratio Lower Upper

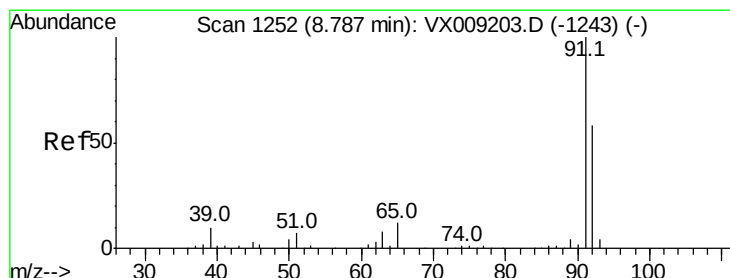
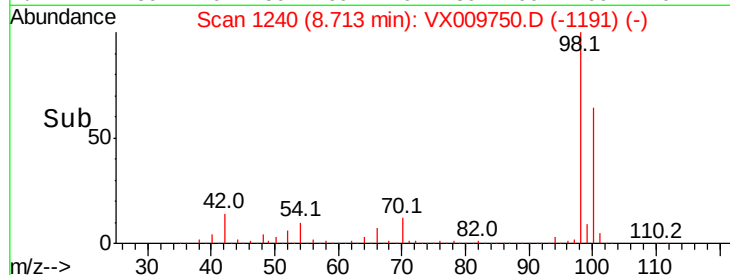
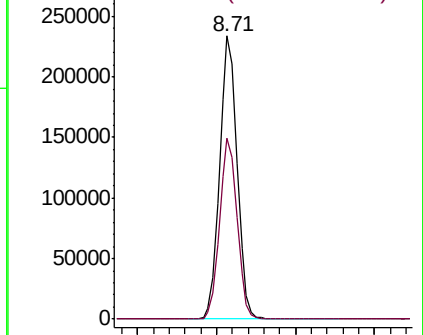
98 100

100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#52

Toluene

Concen: 2.091 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009750.D

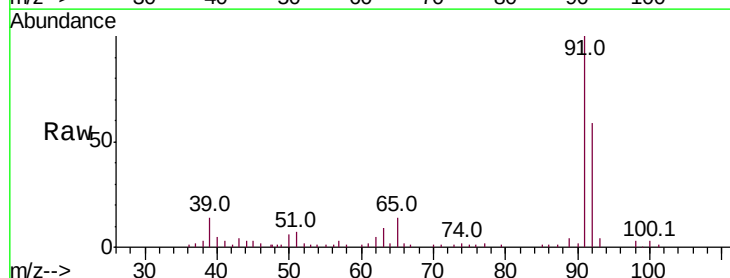
Acq: 21 May 2019 16:11

Tgt Ion: 92 Resp: 10377

Ion Ratio Lower Upper

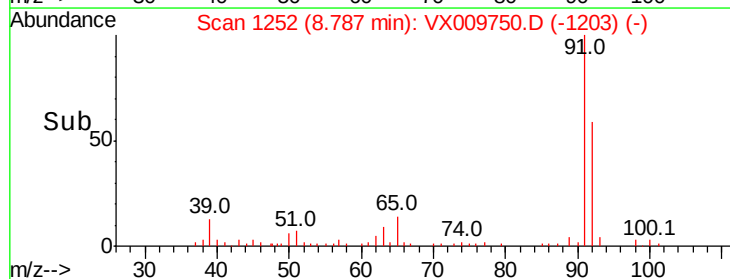
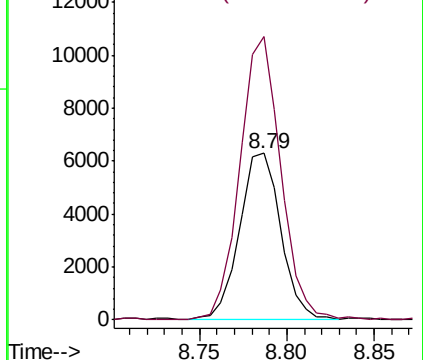
92 100

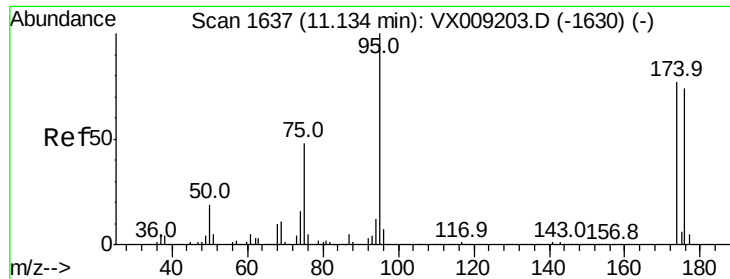
91 168.1 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.432 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009750.D

Acq: 21 May 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-GW-798-800

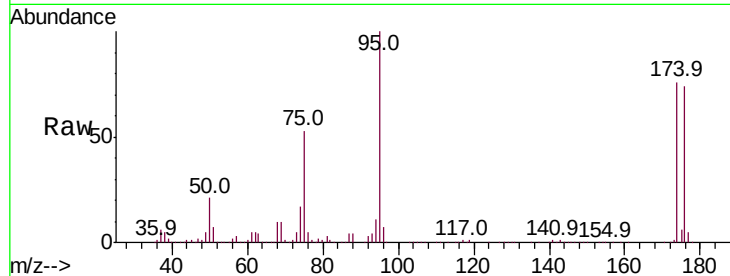
Tot Ion: 95 Resp: 121577

Ion Ratio Lower Upper

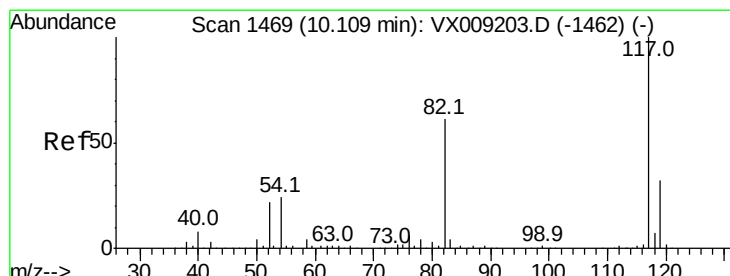
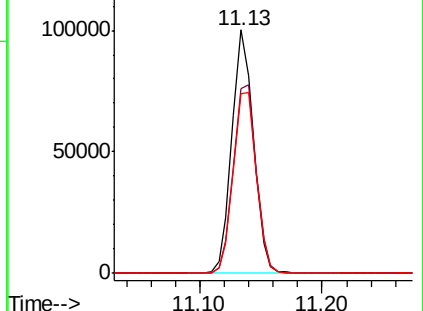
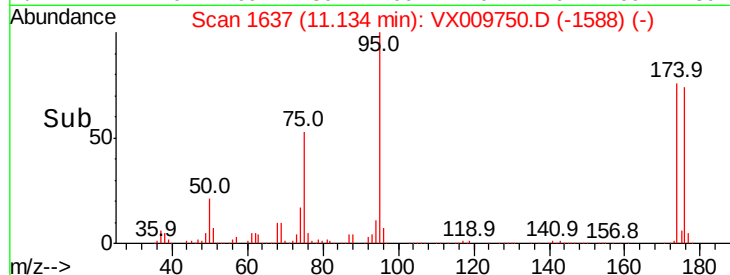
95 100

174 82.7 0.0 161.6

176 79.6 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009750.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009750.D

Acq: 21 May 2019 16:11

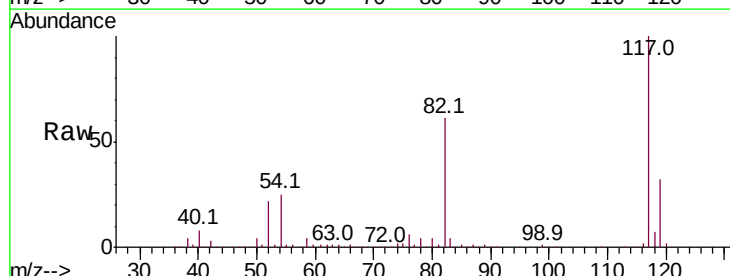
Tgt Ion: 117 Resp: 255609

Ion Ratio Lower Upper

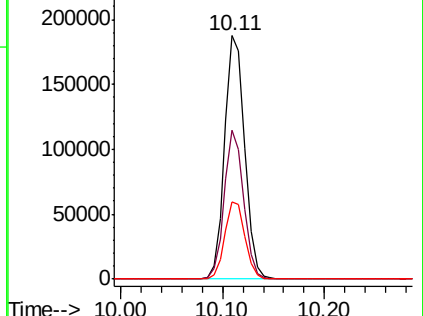
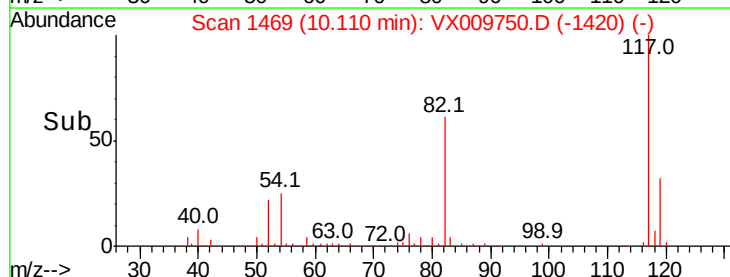
117 100

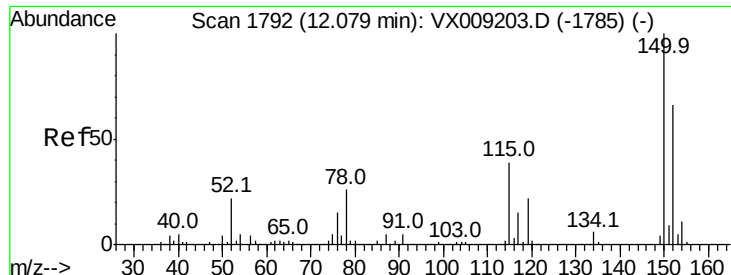
82 61.1 48.8 73.2

119 31.7 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VX009750.D (-1420) (-)

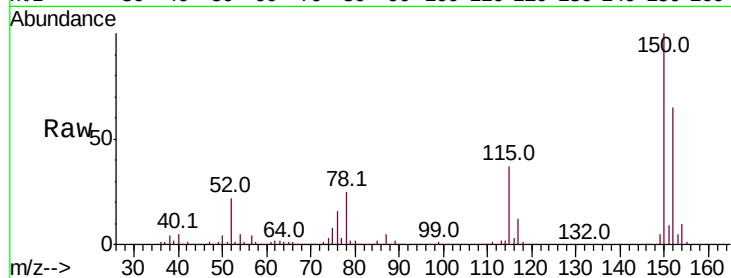




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009750.D
 Acq: 21 May 2019 16:11

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-GW-798-800

Tot Ion:152 Resp: 111803
 Ion Ratio Lower Upper
 152 100
 115 58.6 41.2 123.6
 150 158.0 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

