

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022819\
 Data File : VX007772.D
 Acq On : 28 Feb 2019 17:45
 Operator : JC/SP
 Sample : K1641-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-440-442

Quant Time: Mar 01 03:04:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

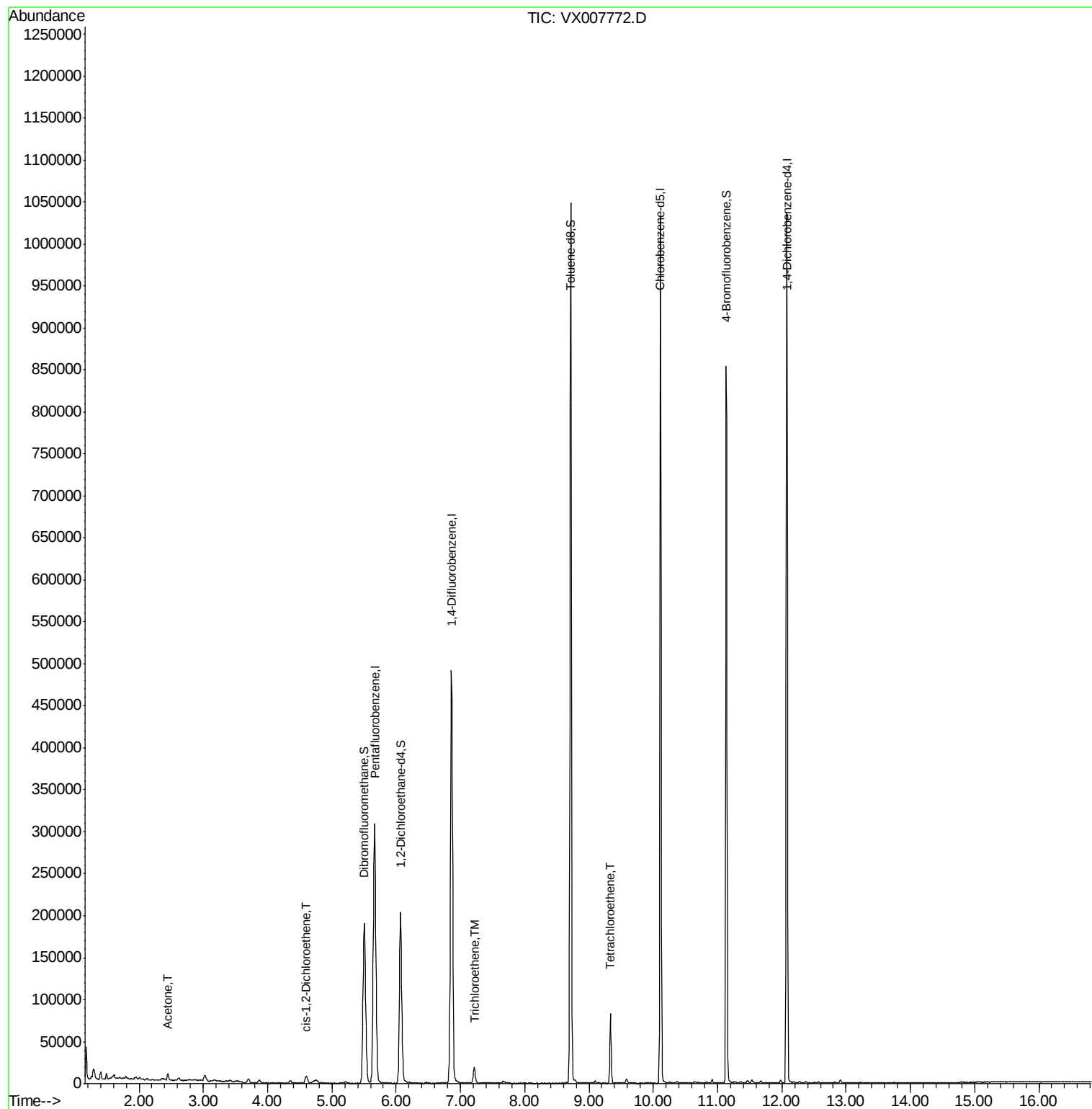
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	318517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	496744	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	469256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222811	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	191771	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
35) Dibromofluoromethane	5.50	113	161736	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
50) Toluene-d8	8.71	98	610250	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
62) 4-Bromofluorobenzene	11.13	95	216280	46.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.70%	
Target Compounds						
16) Acetone	2.45	43	8585	4.893	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	5090	1.321	ug/l	98
44) Trichloroethene	7.21	130	7645	2.016	ug/l	100
64) Tetrachloroethene	9.34	164	16921	4.442	ug/l	97

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

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Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 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: VX007772.D

Acq: 28 Feb 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

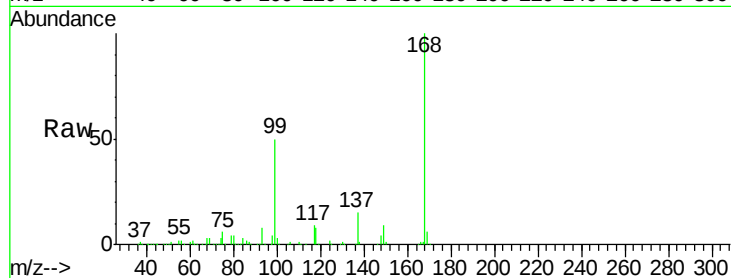
BP-VPB201-GW-440-442

Tot Ion:168 Resp: 318517

Ion Ratio Lower Upper

168 100

99 49.9 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

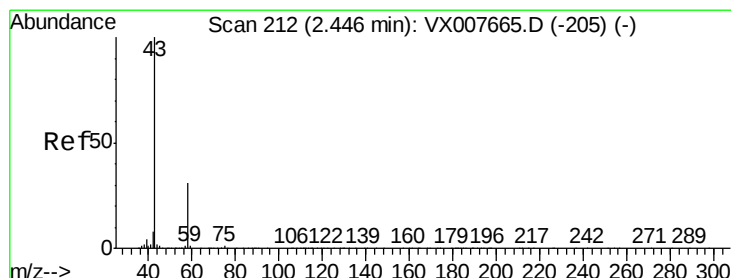
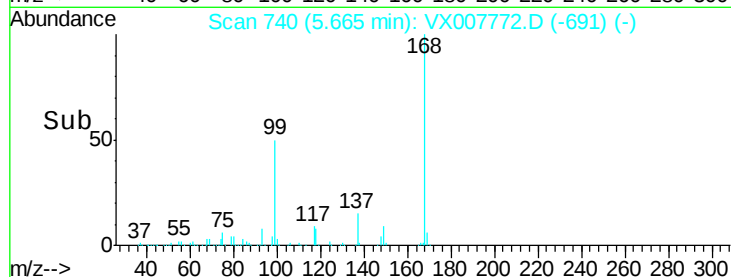
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.893 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007772.D

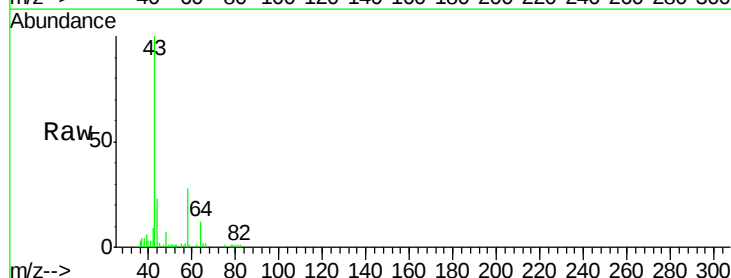
Acq: 28 Feb 2019 17:45

Tgt Ion: 43 Resp: 8585

Ion Ratio Lower Upper

43 100

58 28.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

6000

5000

4000

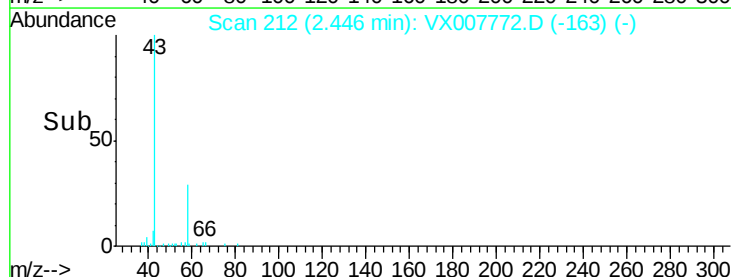
3000

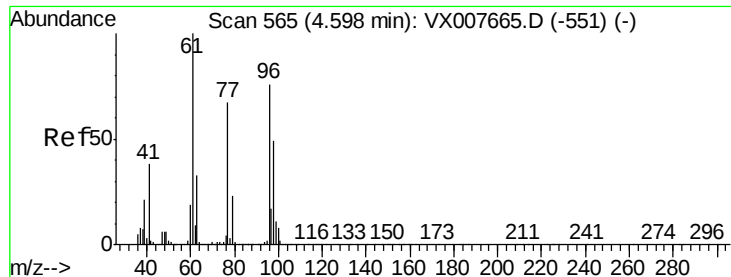
2000

1000

0

Time--> 2.35 2.40 2.45 2.50 2.55



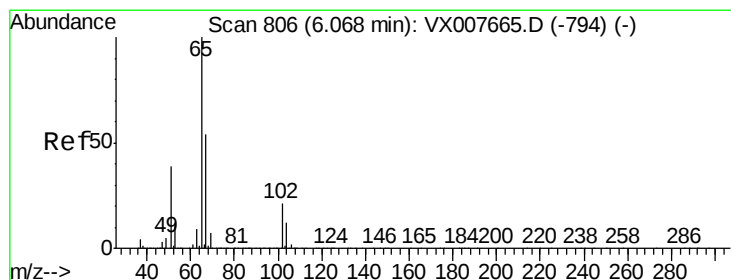
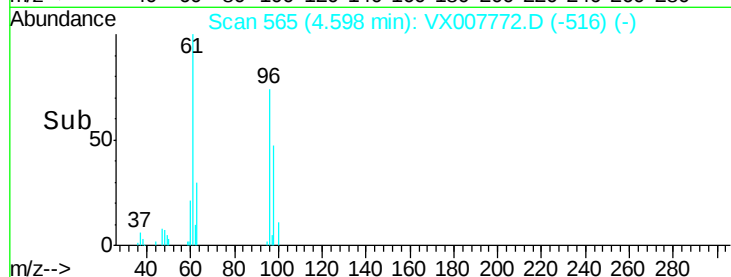
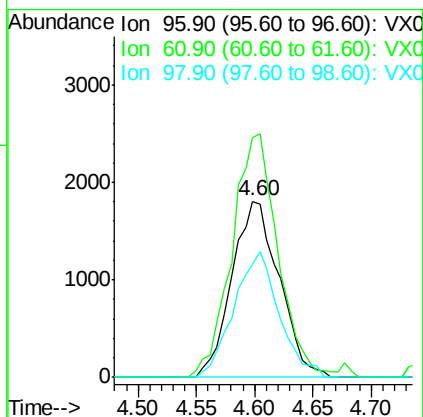
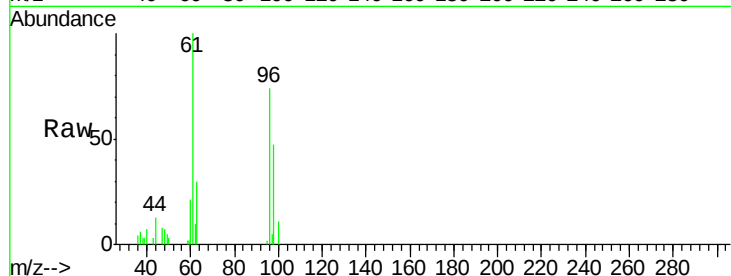


#27

cis-1,2-Dichloroethene
Concen: 1.321 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007772.D
Acq: 28 Feb 2019 17:45

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-440-442

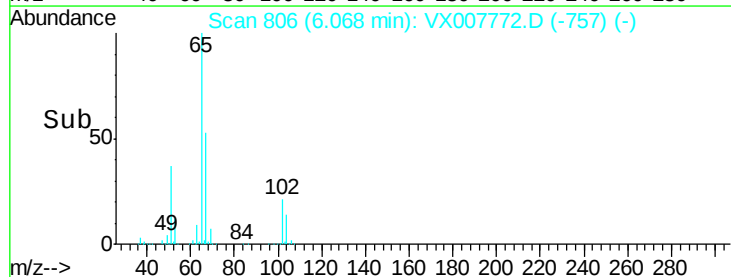
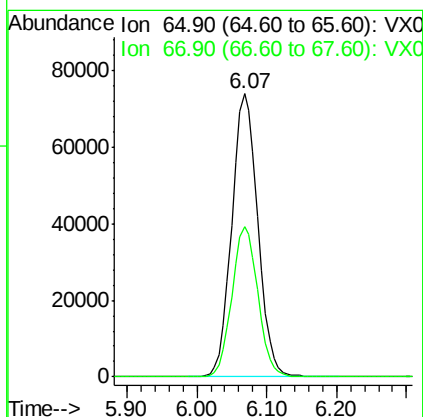
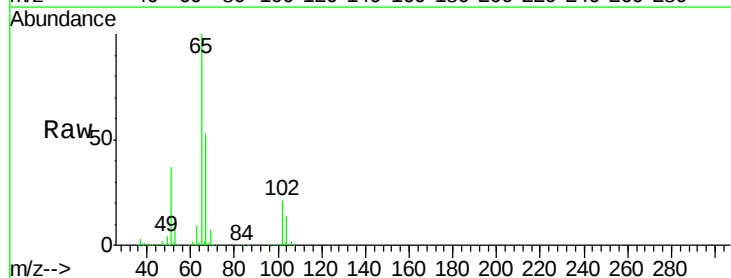
Tot Ion	Ratio	Lower	Upper
96	100		
61	134.2	0.0	265.6
98	68.1	0.0	131.6

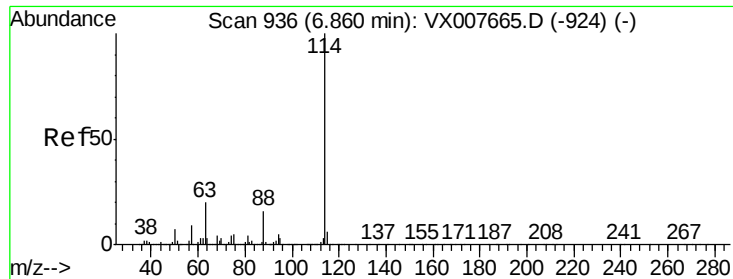


#33

1,2-Dichloroethane-d4
Concen: 48.606 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007772.D
Acq: 28 Feb 2019 17:45

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007772.D

Acq: 28 Feb 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-440-442

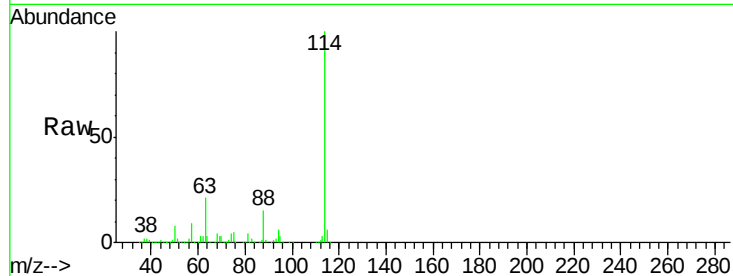
Tot Ion:114 Resp: 496744

Ion Ratio Lower Upper

114 100

63 20.6 0.0 35.6

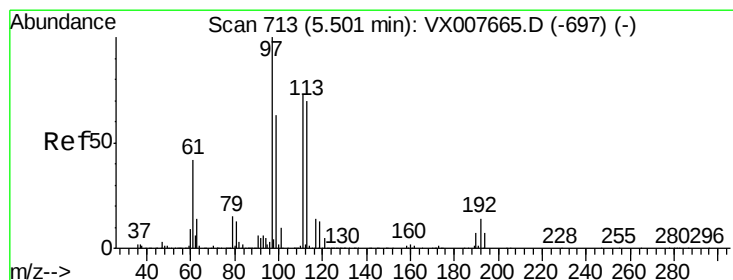
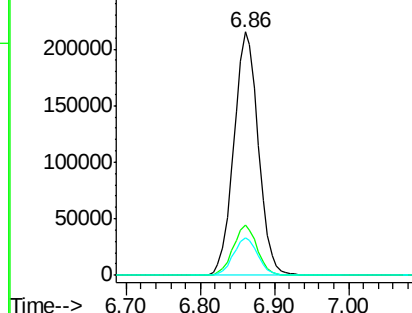
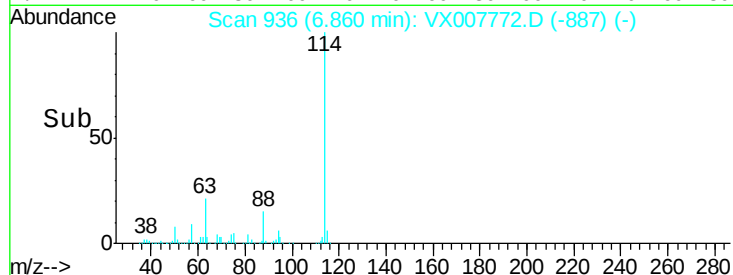
88 15.3 0.0 29.6



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. 0.00 min

Lab File: VX007772.D

Acq: 28 Feb 2019 17:45

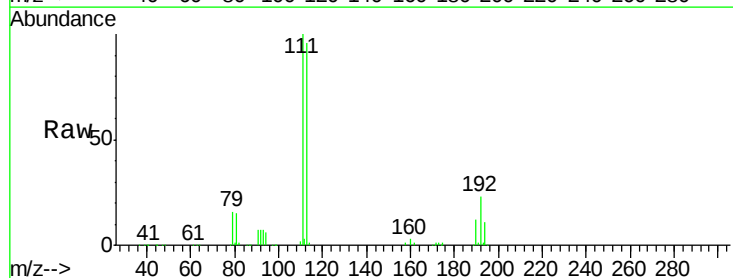
Tgt Ion:113 Resp: 161736

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

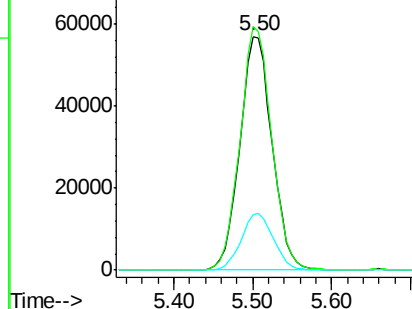
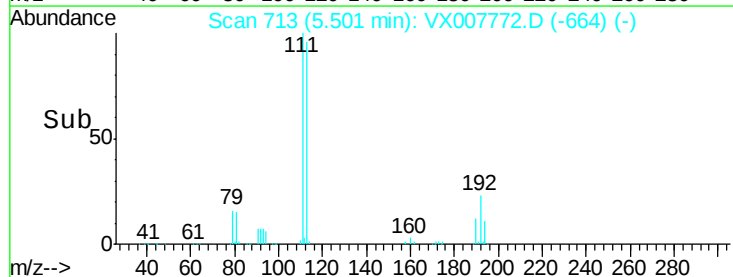
192 24.4 18.5 27.7

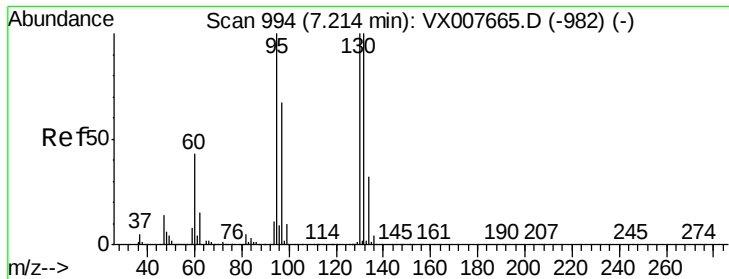


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 2.016 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007772.D

Acq: 28 Feb 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

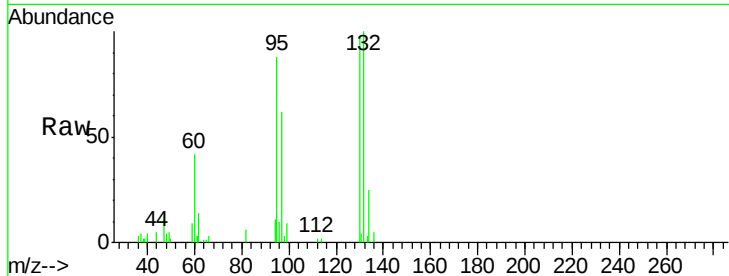
BP-VPB201-GW-440-442

Tot Ion:130 Resp: 7645

Ion Ratio Lower Upper

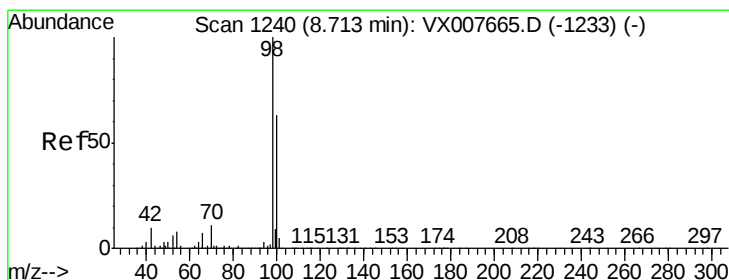
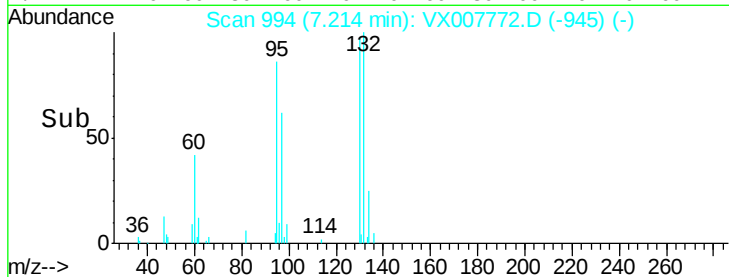
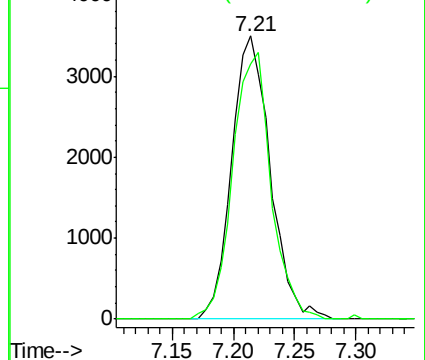
130 100

95 90.3 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.004 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007772.D

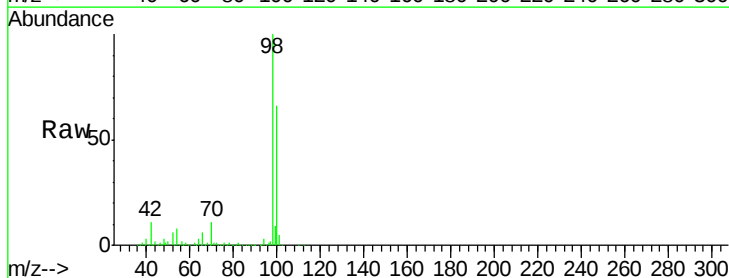
Acq: 28 Feb 2019 17:45

Tgt Ion: 98 Resp: 610250

Ion Ratio Lower Upper

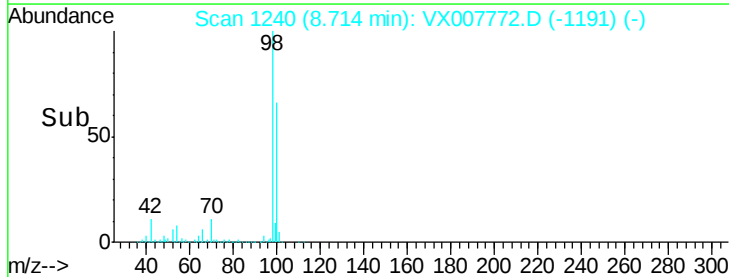
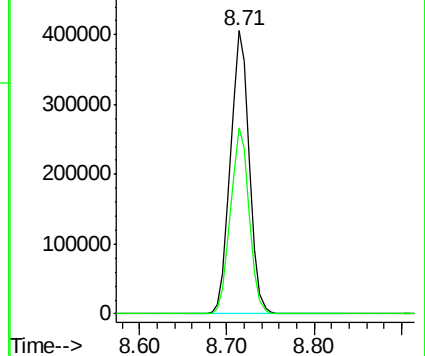
98 100

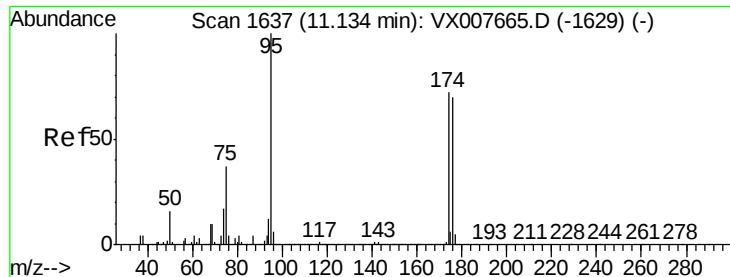
100 65.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.353 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007772.D

Acq: 28 Feb 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-440-442

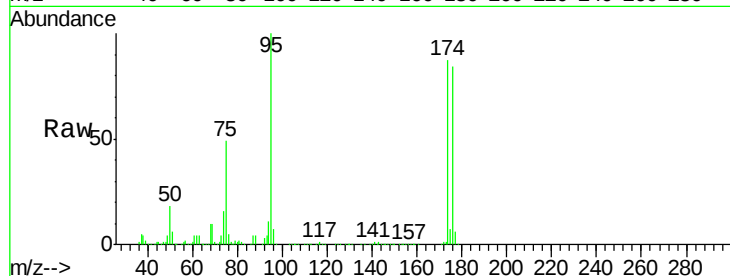
Tot Ion: 95 Resp: 216280

Ion Ratio Lower Upper

95 100

174 92.9 0.0 189.2

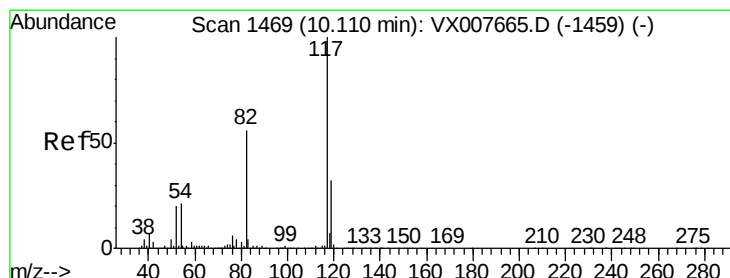
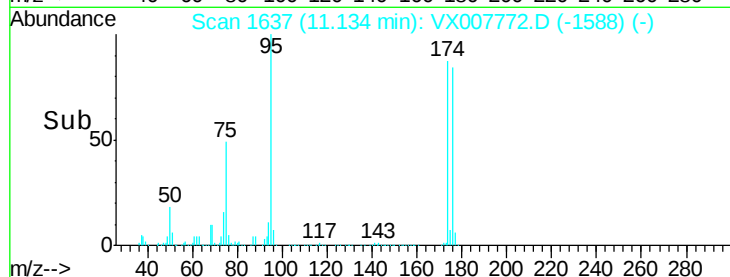
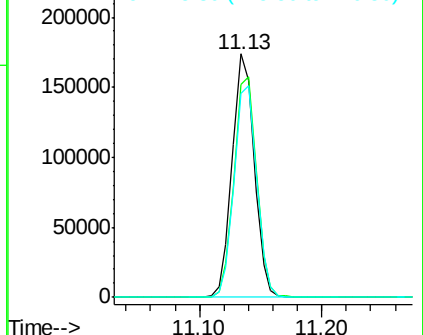
176 89.6 0.0 186.2



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: VX007772.D

Acq: 28 Feb 2019 17:45

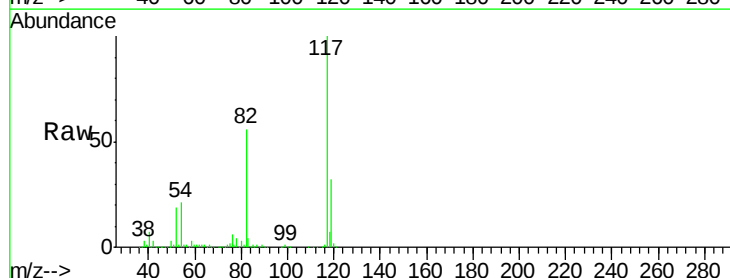
Tgt Ion: 117 Resp: 469256

Ion Ratio Lower Upper

117 100

82 55.6 42.1 63.1

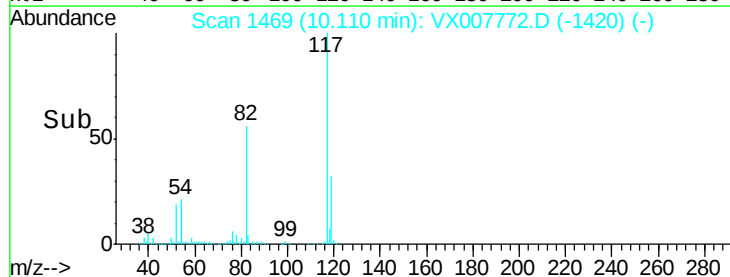
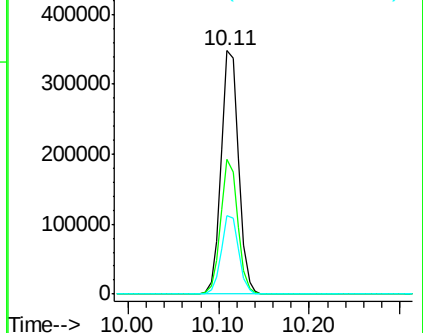
119 32.5 26.5 39.7

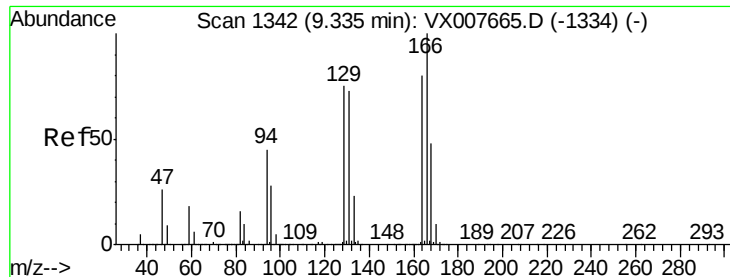


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 4.442 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007772.D

Acq: 28 Feb 2019 17:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-440-442

Tot Ion:164 Resp: 16921

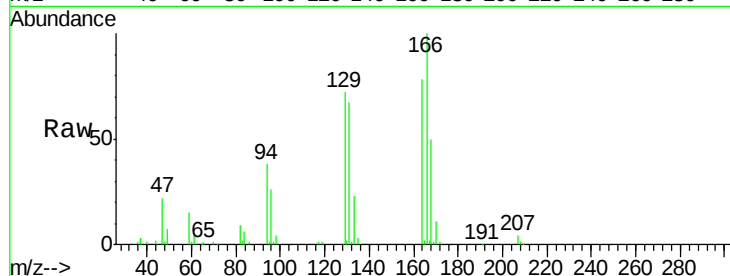
Ion Ratio Lower Upper

164 100

166 128.5 101.0 151.4

129 92.3 70.5 105.7

131 86.0 69.8 104.6

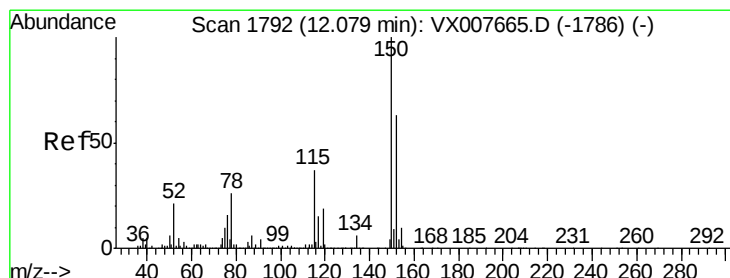
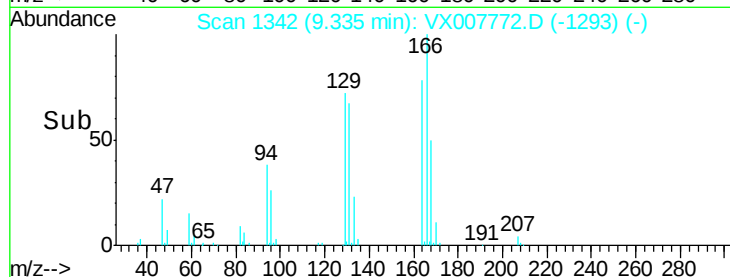
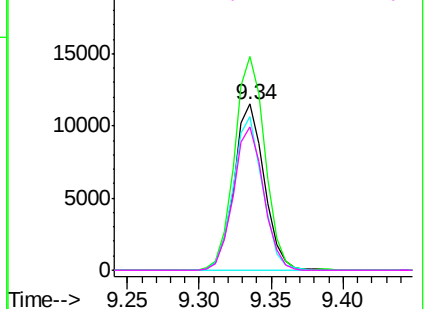


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX007772.D

Acq: 28 Feb 2019 17:45

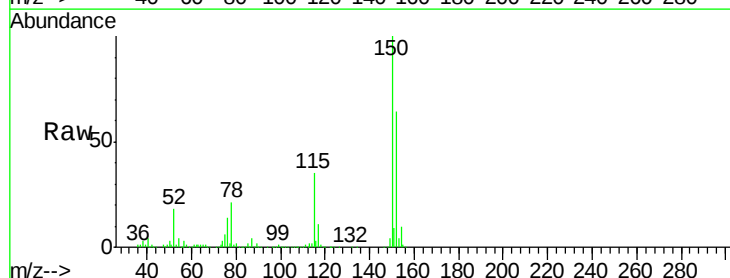
Tgt Ion:152 Resp: 222811

Ion Ratio Lower Upper

152 100

115 55.0 38.0 114.0

150 156.0 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

