

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022519\
 Data File : VX007679.D
 Acq On : 25 Feb 2019 17:40
 Operator : JC/SP
 Sample : K1578-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-260-262

Quant Time: Feb 26 04:23:48 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

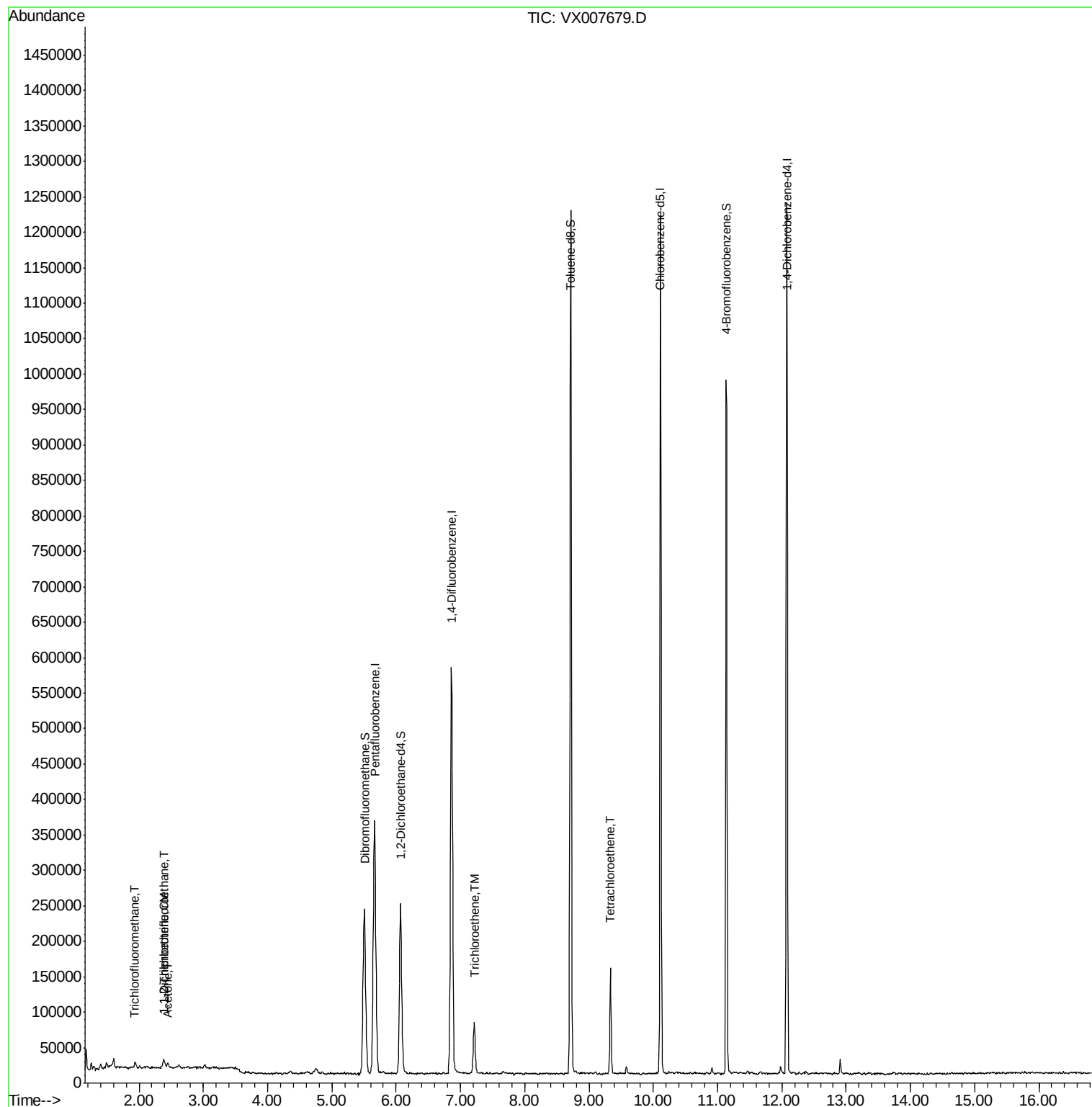
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	358836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	604417	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	567355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	261316	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	218161	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
35) Dibromofluoromethane	5.51	113	195650	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
50) Toluene-d8	8.71	98	735880	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
62) 4-Bromofluorobenzene	11.13	95	256197	45.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.26%	
Target Compounds						
					Qvalue	
7) Trichlorofluoromethane	1.94	101	5751	0.998	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2696	0.774	ug/l #	90
12) 1,1-Dichloroethene	2.38	96	2709	0.863	ug/l	81
16) Acetone	2.45	43	8563	4.332	ug/l #	84
44) Trichloroethene	7.22	130	29903	6.480	ug/l	91
64) Tetrachloroethene	9.34	164	28982	6.292	ug/l	94

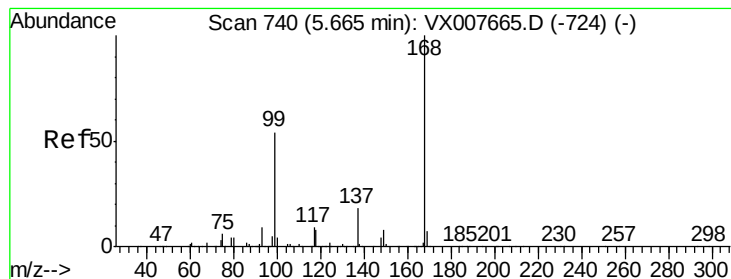
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007679.D

Acq: 25 Feb 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

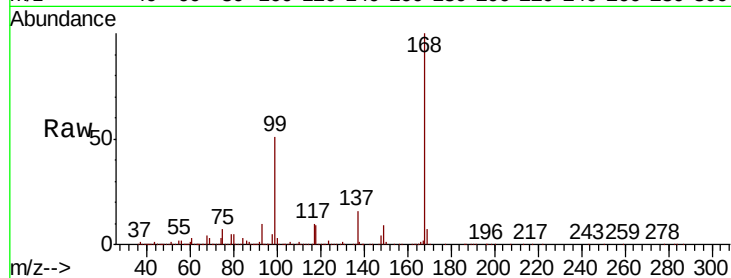
BP-VPB201-GW-260-262

Tot Ion:168 Resp: 358836

Ion Ratio Lower Upper

168 100

99 51.4 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

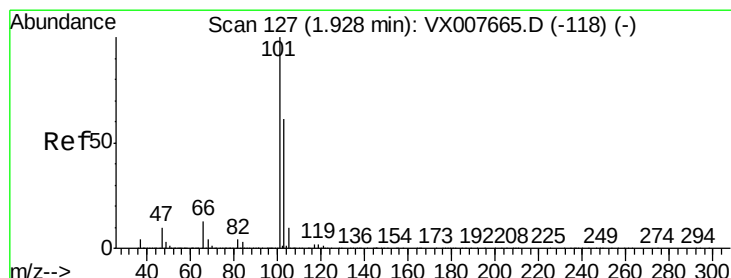
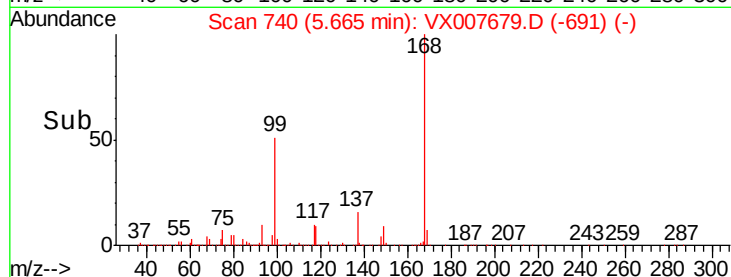
150000

100000

50000

0

Time-->



#7

Trichlorofluoromethane

Concen: 0.998 ug/l

RT: 1.94 min Scan# 129

Delta R.T. 0.01 min

Lab File: VX007679.D

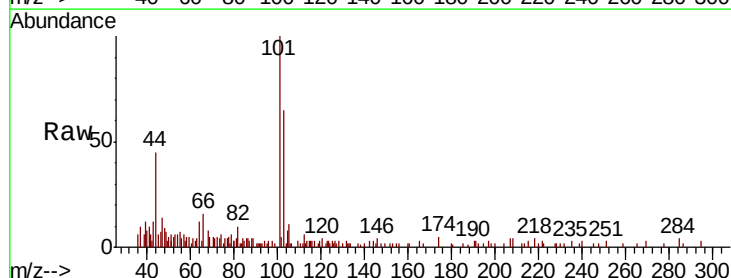
Acq: 25 Feb 2019 17:40

Tgt Ion:101 Resp: 5751

Ion Ratio Lower Upper

101 100

103 58.0 52.6 79.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.94

4000

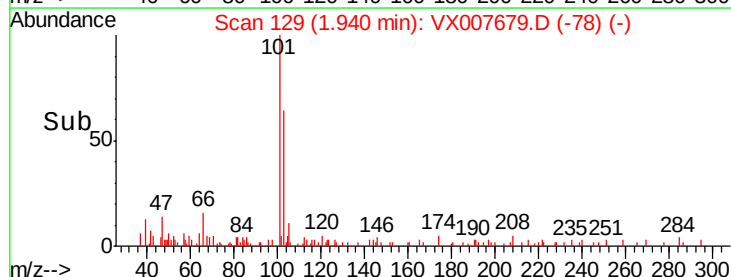
3000

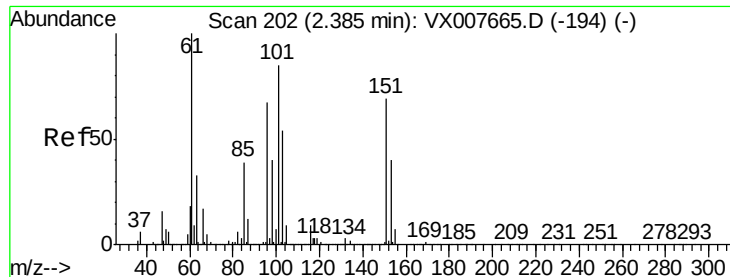
2000

1000

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.774 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007679.D

Acq: 25 Feb 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-260-262

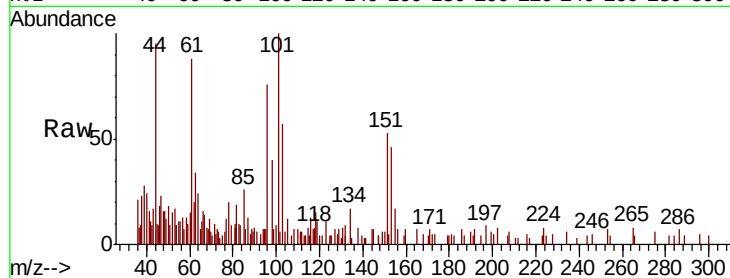
Tot Ion:101 Resp: 2696

Ion Ratio Lower Upper

101 100

85 55.9 34.1 51.1#

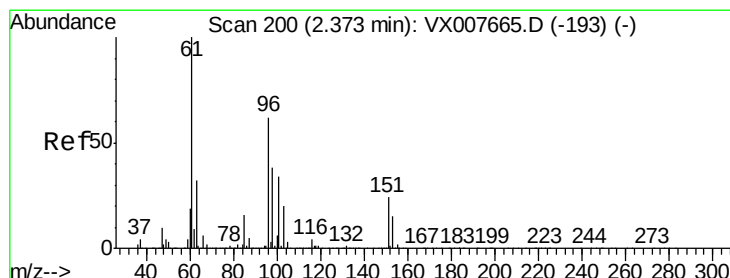
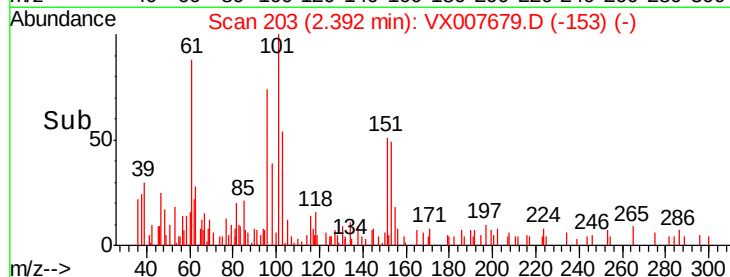
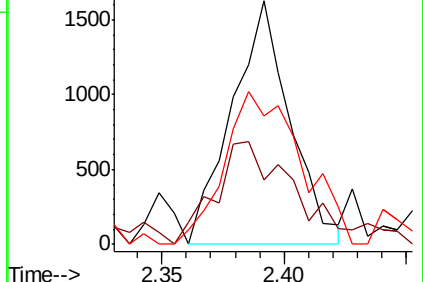
151 82.4 69.9 104.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#12

1,1-Dichloroethene

Concen: 0.863 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX007679.D

Acq: 25 Feb 2019 17:40

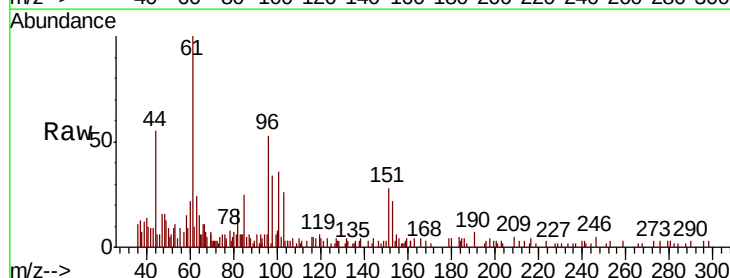
Tgt Ion: 96 Resp: 2709

Ion Ratio Lower Upper

96 100

61 179.4 123.0 184.4

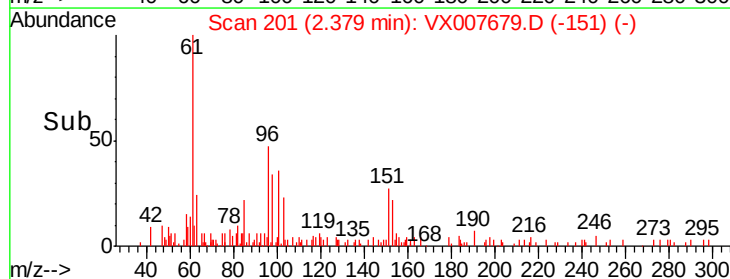
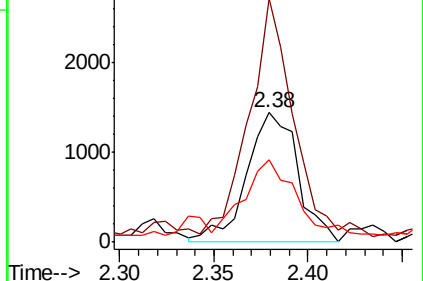
98 51.1 50.9 76.3

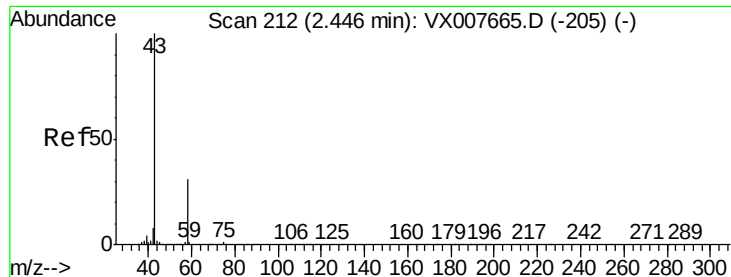


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

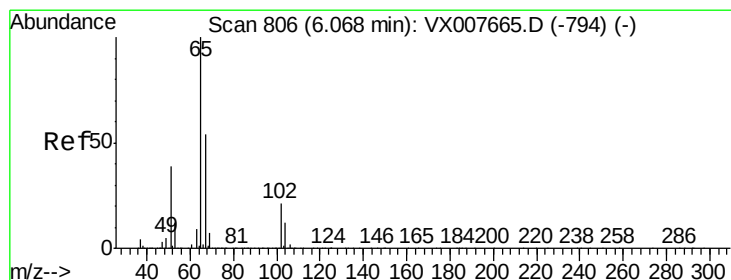
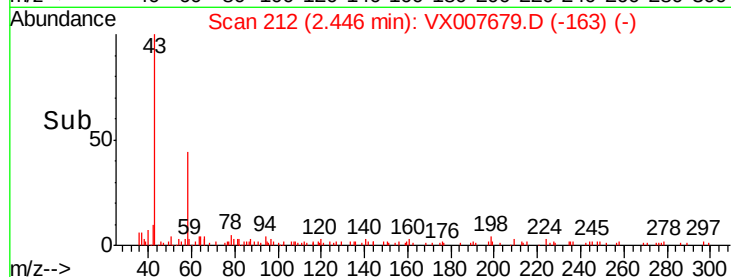
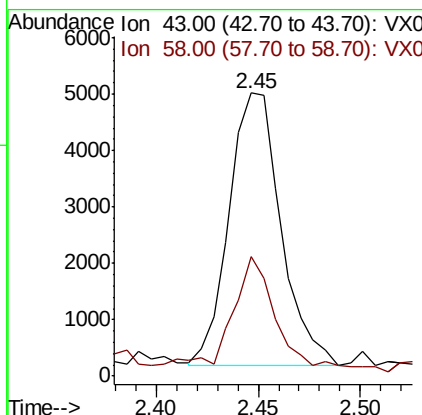
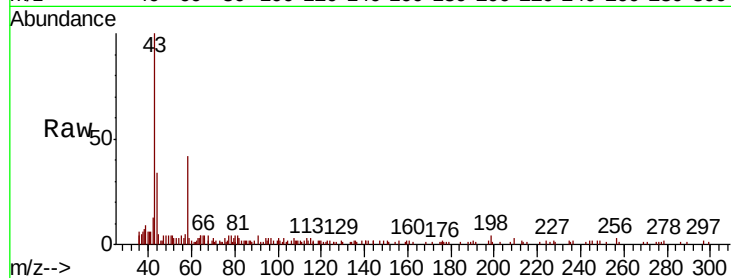




#16
Acetone
Concen: 4.332 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX007679.D
Acq: 25 Feb 2019 17:40

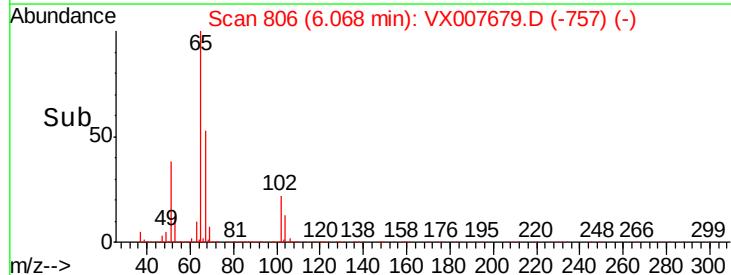
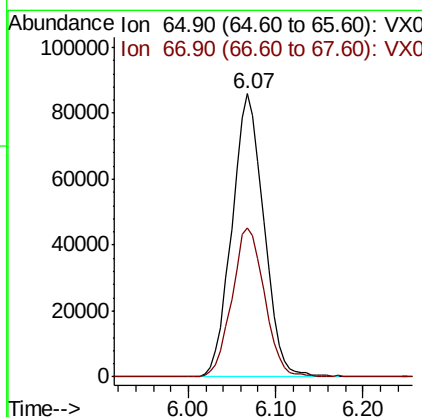
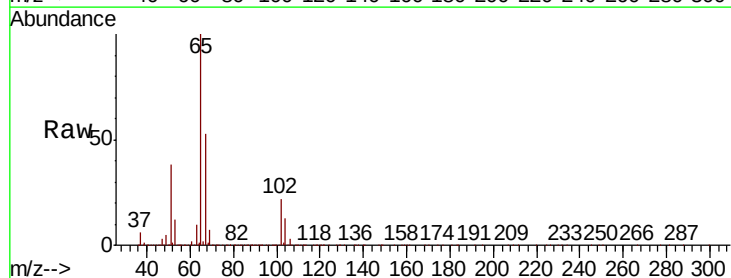
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-GW-260-262

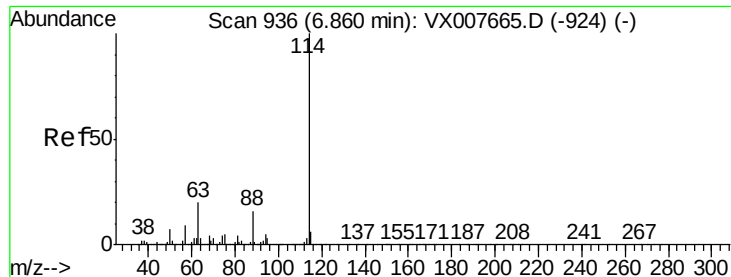
Tot Ion: 43 Resp: 8563
Ion Ratio Lower Upper
43 100
58 39.9 24.9 37.3#



#33
1,2-Dichloroethane-d4
Concen: 49.082 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007679.D
Acq: 25 Feb 2019 17:40

Tgt Ion: 65 Resp: 218161
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: VX007679.D

Acq: 25 Feb 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-260-262

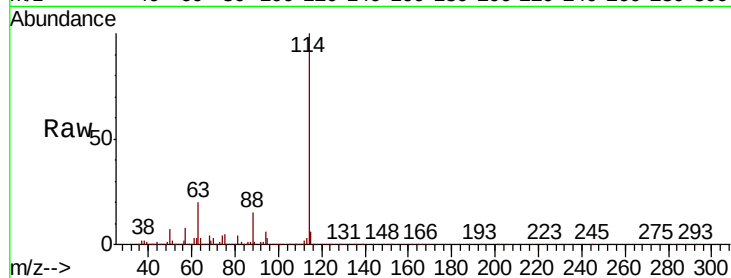
Tot Ion:114 Resp: 604417

Ion Ratio Lower Upper

114 100

63 19.8 0.0 35.6

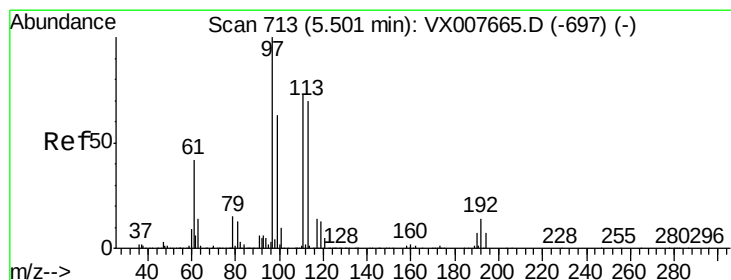
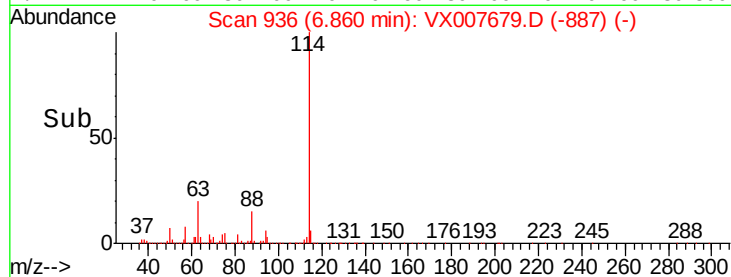
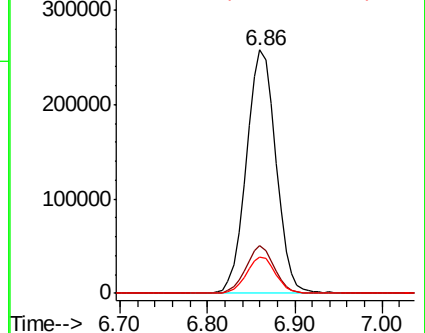
88 14.8 0.0 29.6



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: 48.424 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007679.D

Acq: 25 Feb 2019 17:40

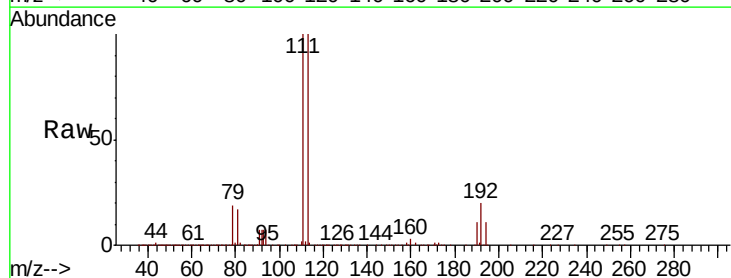
Tgt Ion:113 Resp: 195650

Ion Ratio Lower Upper

113 100

111 103.7 81.8 122.8

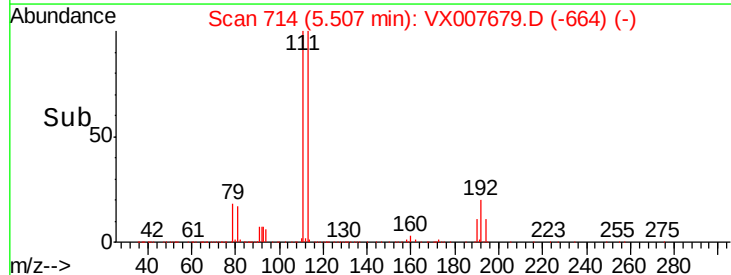
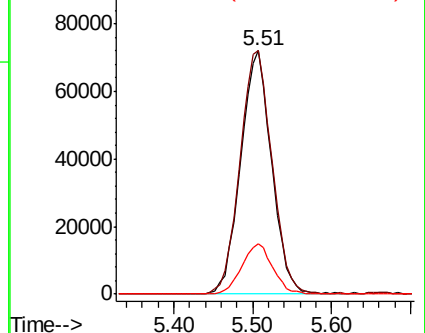
192 20.7 18.5 27.7

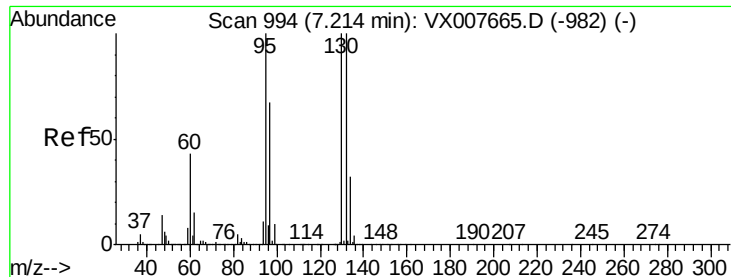


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 6.480 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX007679.D

Acq: 25 Feb 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

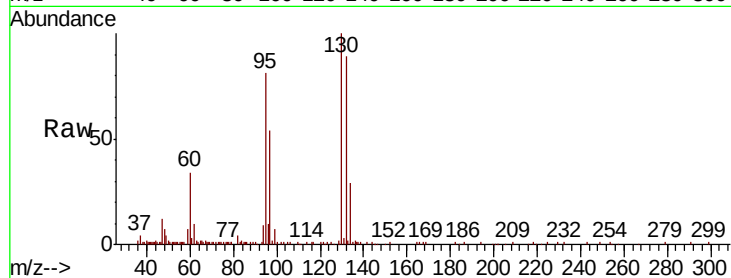
BP-VPB201-GW-260-262

Tot Ion:130 Resp: 29903

Ion Ratio Lower Upper

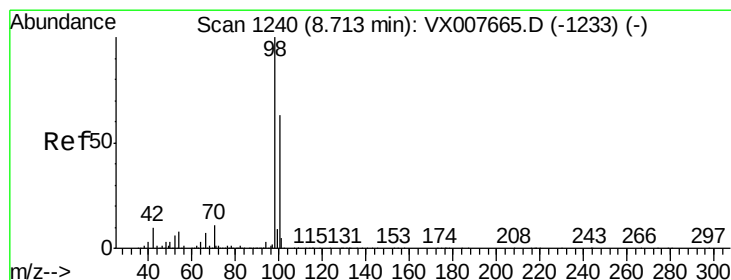
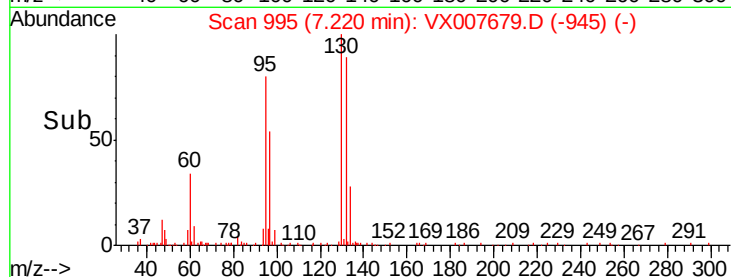
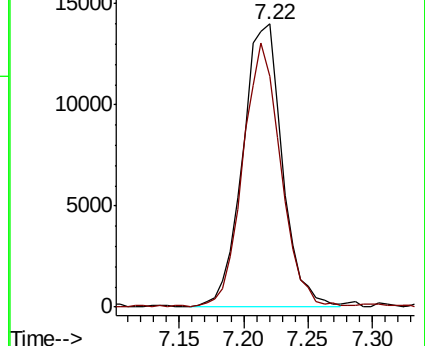
130 100

95 81.4 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: 47.574 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007679.D

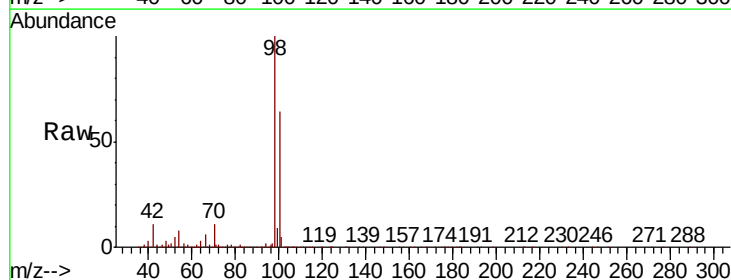
Acq: 25 Feb 2019 17:40

Tgt Ion: 98 Resp: 735880

Ion Ratio Lower Upper

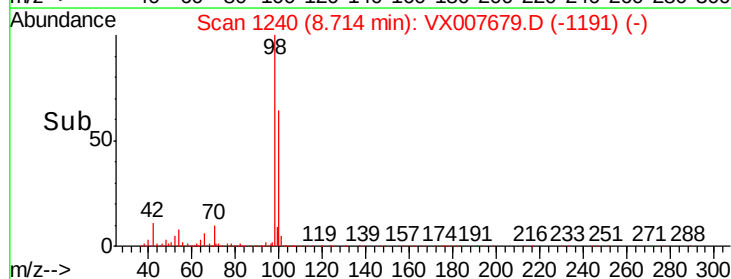
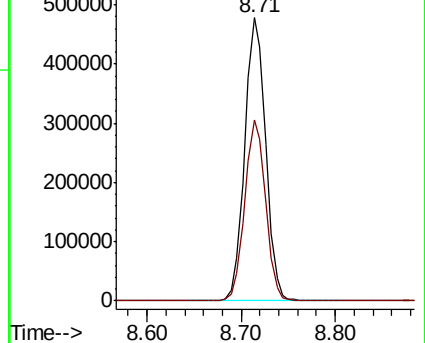
98 100

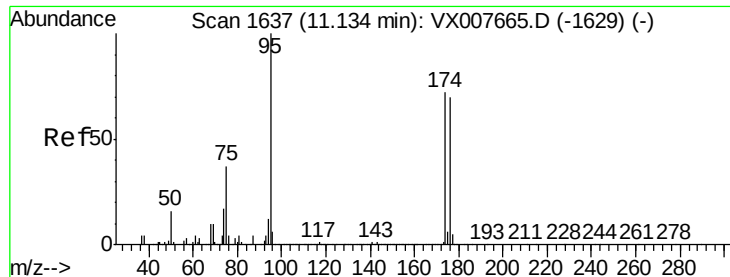
100 63.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.127 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007679.D

Acq: 25 Feb 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-260-262

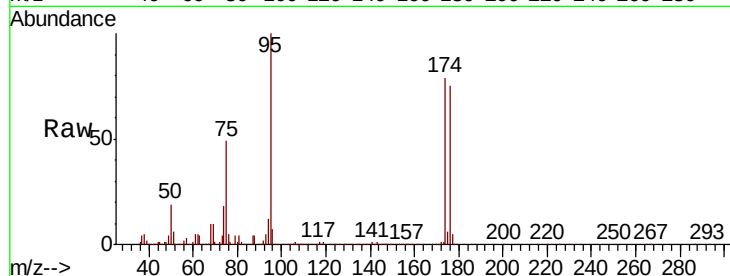
Tot Ion: 95 Resp: 256197

Ion Ratio Lower Upper

95 100

174 85.5 0.0 189.2

176 81.3 0.0 186.2

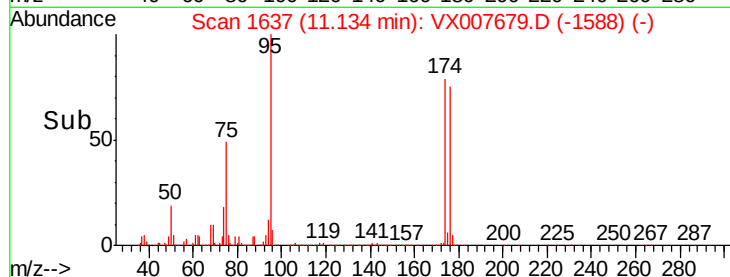


Abundance Ion 94.90 (94.60 to 95.60): VX007665.D (-1629) (-)

Ion 173.80 (173.50 to 174.50): VX007665.D (-1629) (-)

Ion 175.80 (175.50 to 176.50): VX007665.D (-1629) (-)

Time-->

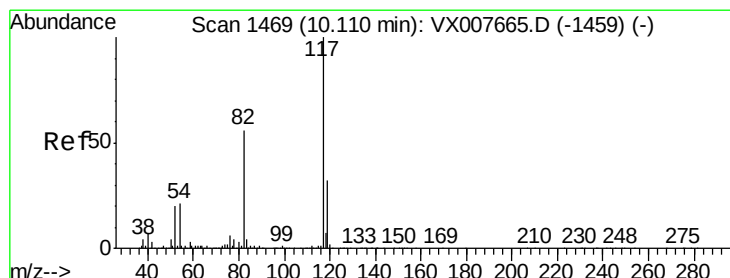


Abundance Ion 94.90 (94.60 to 95.60): VX007679.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX007679.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX007679.D (-1588) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007679.D

Acq: 25 Feb 2019 17:40

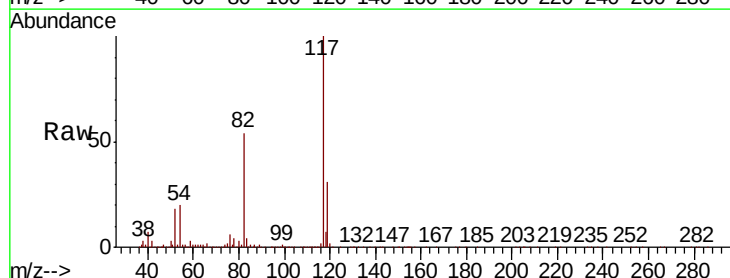
Tgt Ion: 117 Resp: 567355

Ion Ratio Lower Upper

117 100

82 53.8 42.1 63.1

119 31.2 26.5 39.7

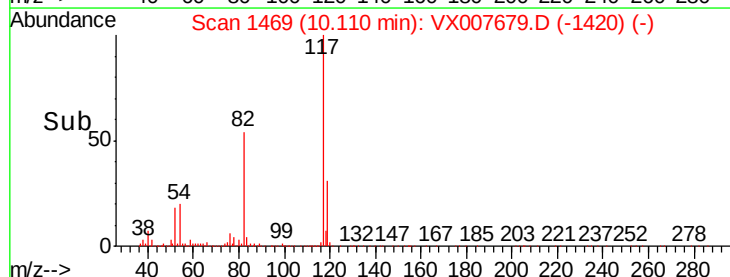


Abundance Ion 116.90 (116.60 to 117.60): VX007665.D (-1459) (-)

Ion 82.00 (81.70 to 82.70): VX007665.D (-1459) (-)

Ion 118.90 (118.60 to 119.60): VX007665.D (-1459) (-)

Time-->

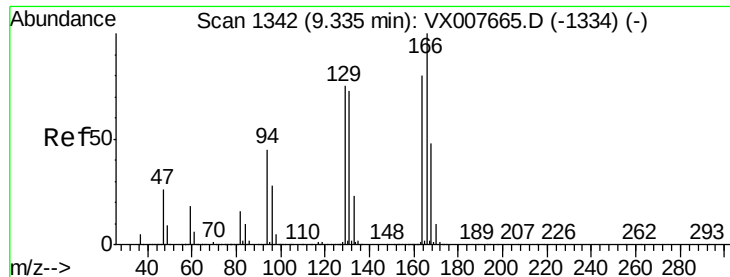


Abundance Ion 116.90 (116.60 to 117.60): VX007679.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX007679.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX007679.D (-1420) (-)

Time-->



#64

Tetrachloroethene

Concen: 6.292 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007679.D

Acq: 25 Feb 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-260-262

Tot Ion:164 Resp: 28982

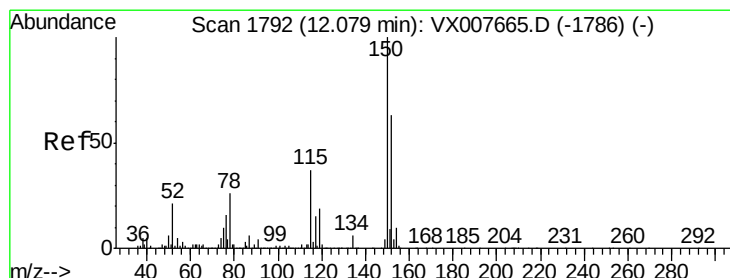
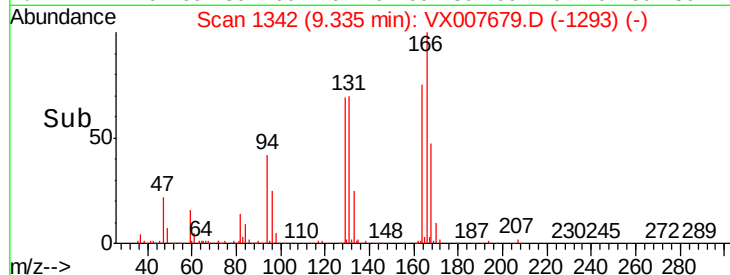
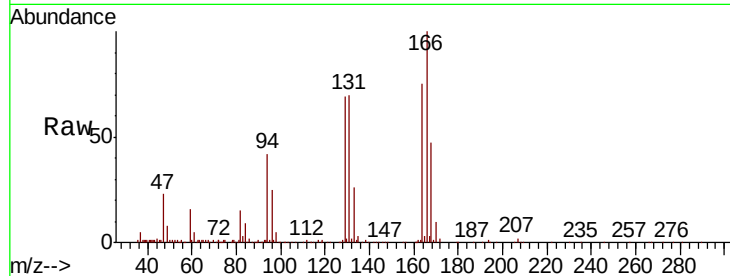
Ion Ratio Lower Upper

164 100

166 134.0 101.0 151.4

129 92.5 70.5 105.7

131 93.8 69.8 104.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007679.D

Acq: 25 Feb 2019 17:40

Tgt Ion:152 Resp: 261316

Ion Ratio Lower Upper

152 100

115 57.2 38.0 114.0

150 156.3 0.0 346.4

