

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX022519\
 Data File : VX007676.D
 Acq On : 25 Feb 2019 16:20
 Operator : JC/SP
 Sample : K1578-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-200-202

Quant Time: Mar 01 07:36:27 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

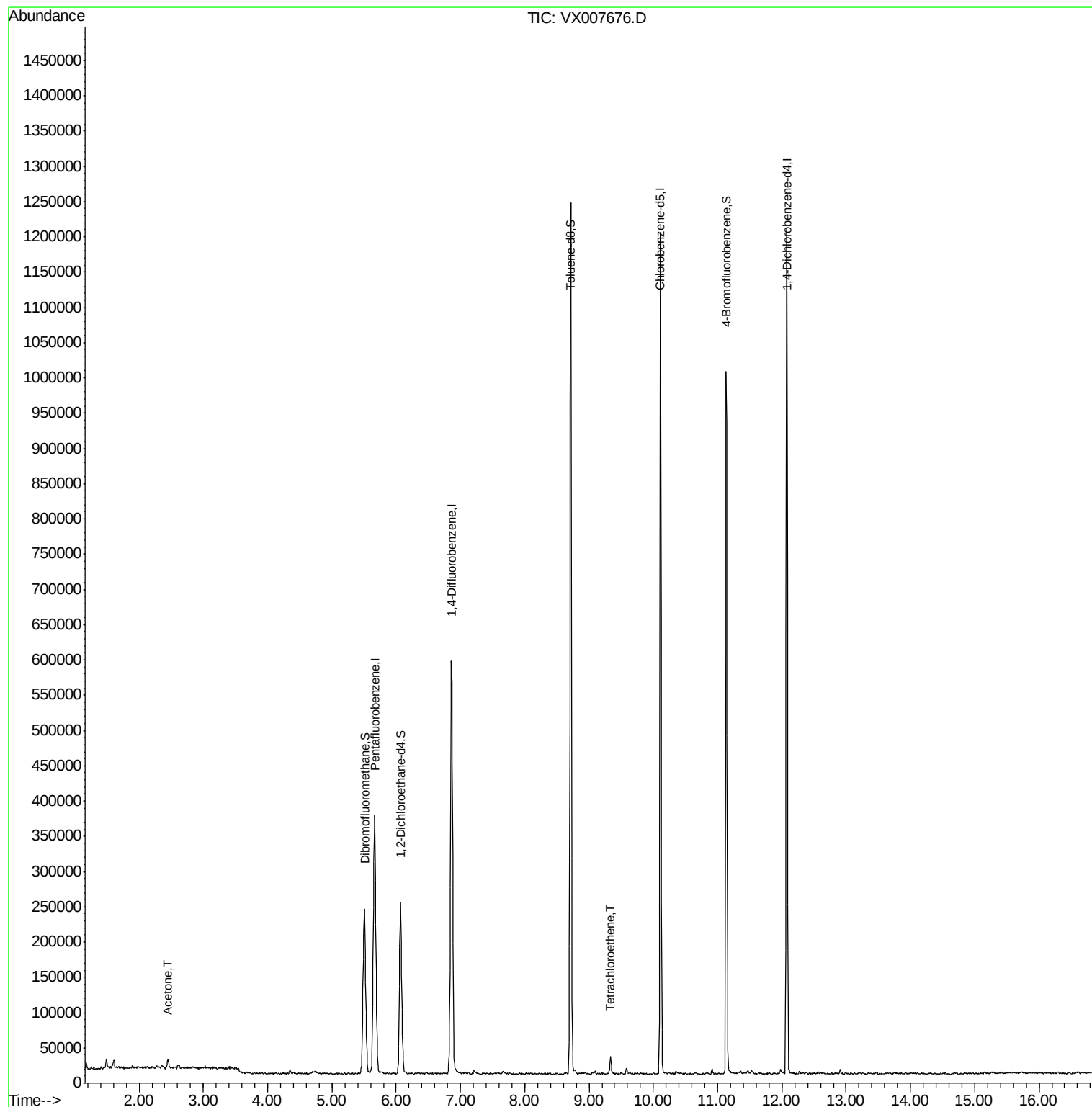
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	361005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	618017	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	565452	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	257166	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	218215	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
35) Dibromofluoromethane	5.51	113	198638	48.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.16%	
50) Toluene-d8	8.71	98	742417	46.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.88%	
62) 4-Bromofluorobenzene	11.13	95	257867	44.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.84%	
Target Compounds						
16) Acetone	2.45	43	12907	6.491	ug/l	97
64) Tetrachloroethene	9.34	164	5383	1.173	ug/l	85

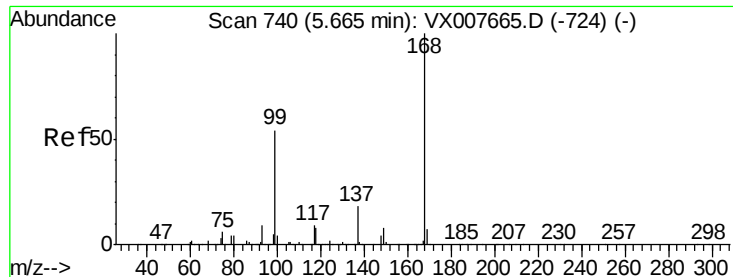
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007676.D

Acq: 25 Feb 2019 16:20

Instrument :

MSVOA_X

ClientSampleId :

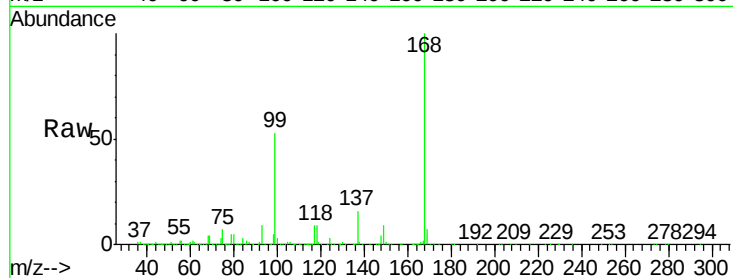
BP-VPB201-GW-200-202

Tot Ion:168 Resp: 361005

Ion Ratio Lower Upper

168 100

99 52.8 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

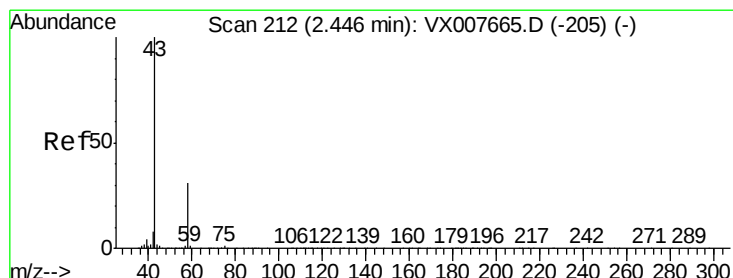
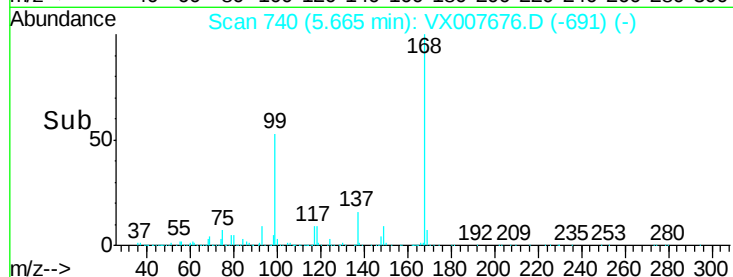
100000

50000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#16

Acetone

Concen: 6.491 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007676.D

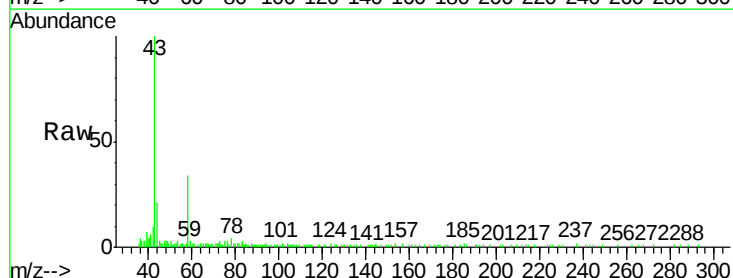
Acq: 25 Feb 2019 16:20

Tgt Ion: 43 Resp: 12907

Ion Ratio Lower Upper

43 100

58 32.5 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

8000

6000

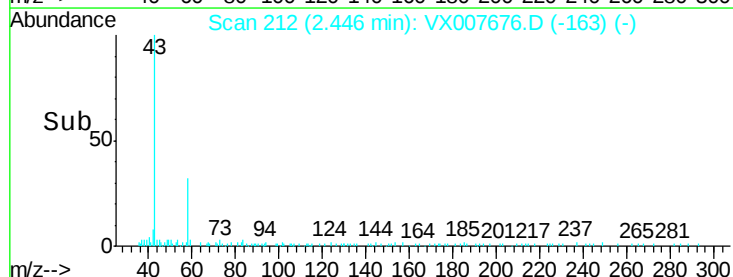
4000

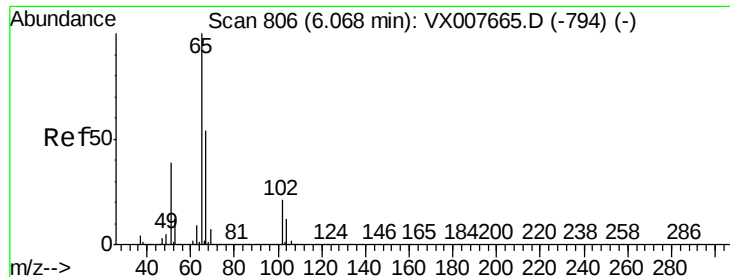
2000

0

2.40 2.45 2.50

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.799 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007676.D

Acq: 25 Feb 2019 16:20

Instrument :

MSVOA_X

ClientSampleId :

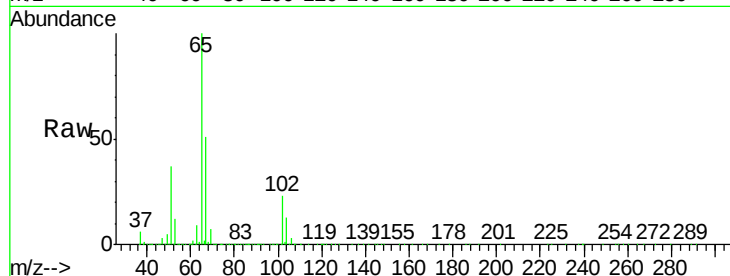
BP-VPB201-GW-200-202

Tot Ion: 65 Resp: 218215

Ion Ratio Lower Upper

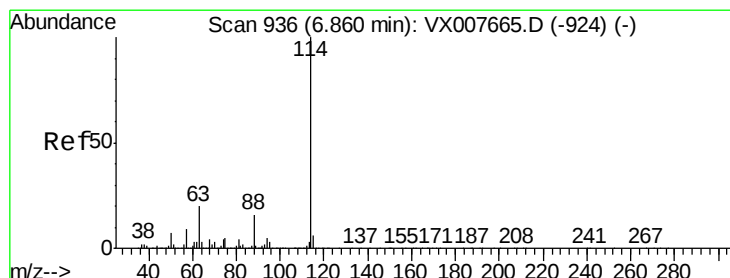
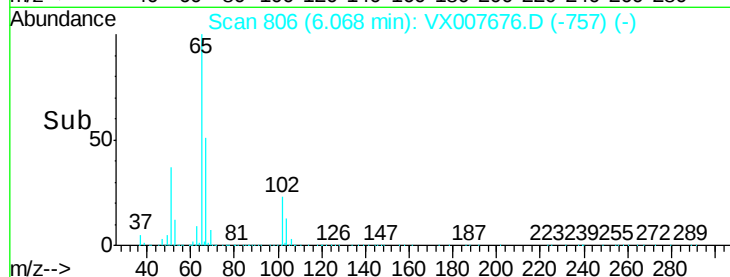
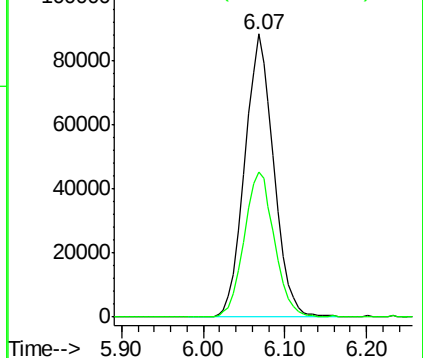
65 100

67 53.0 0.0 108.8



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: VX007676.D

Acq: 25 Feb 2019 16:20

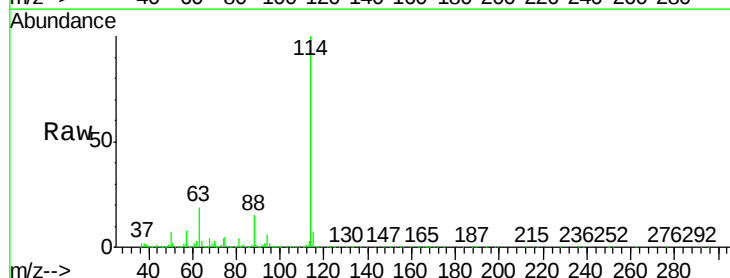
Tgt Ion: 114 Resp: 618017

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.6

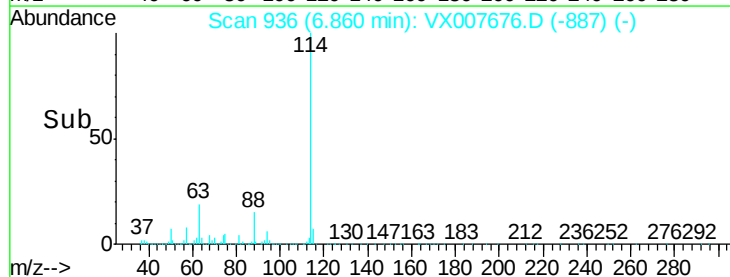
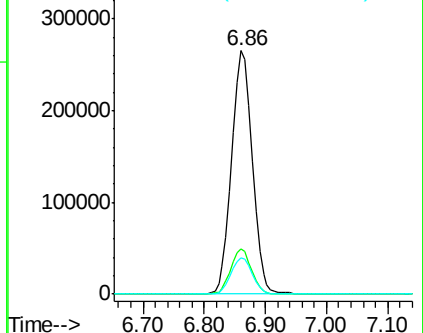
88 14.8 0.0 29.6

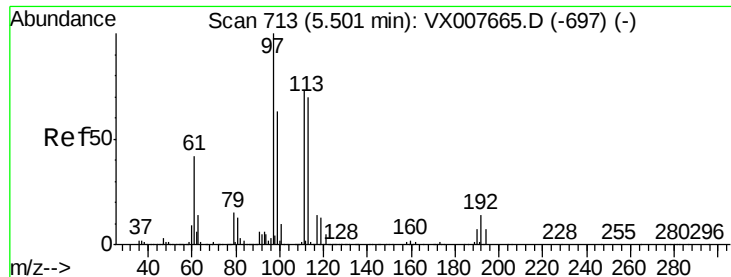


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.082 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007676.D

Acq: 25 Feb 2019 16:20

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-200-202

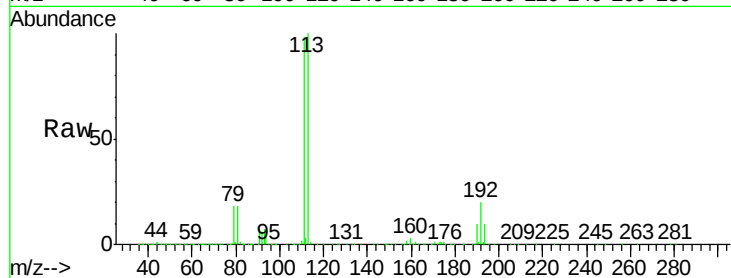
Tot Ion:113 Resp: 198638

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

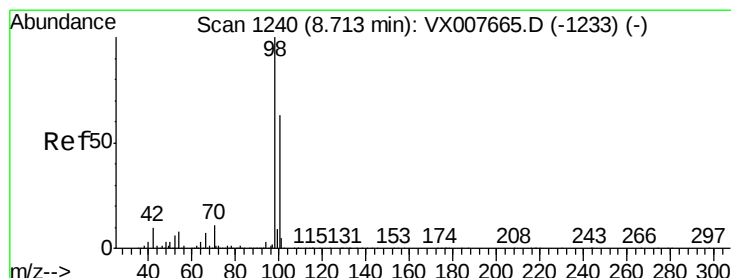
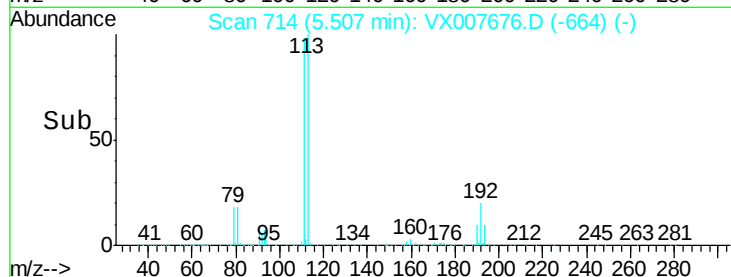
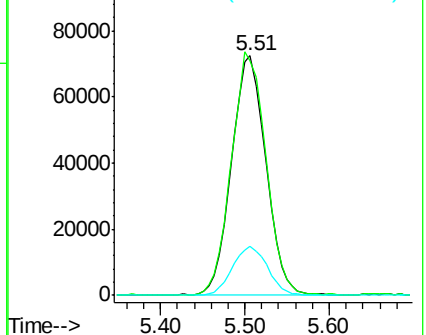
192 21.2 18.5 27.7



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



#50

Toluene-d8

Concen: 46.941 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007676.D

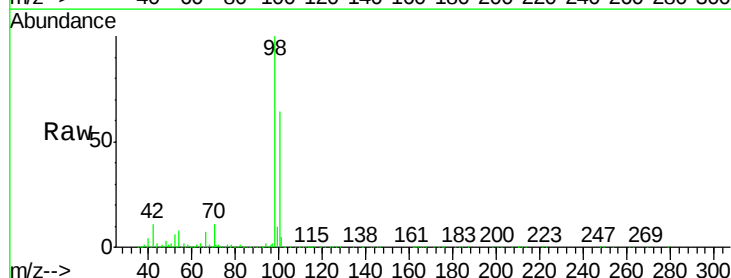
Acq: 25 Feb 2019 16:20

Tgt Ion: 98 Resp: 742417

Ion Ratio Lower Upper

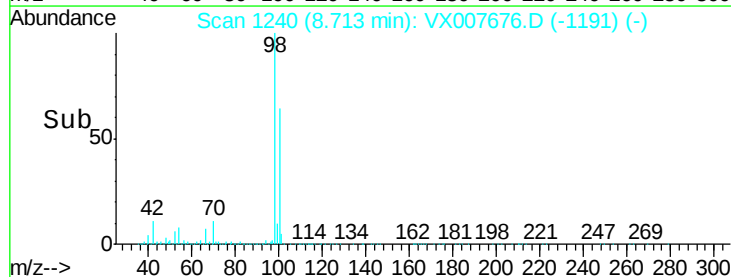
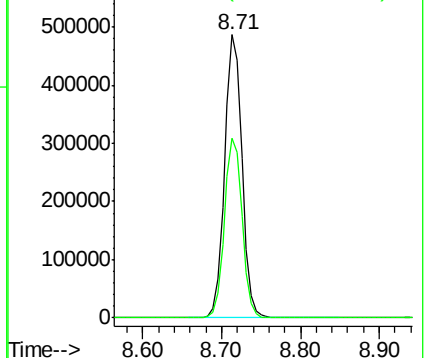
98 100

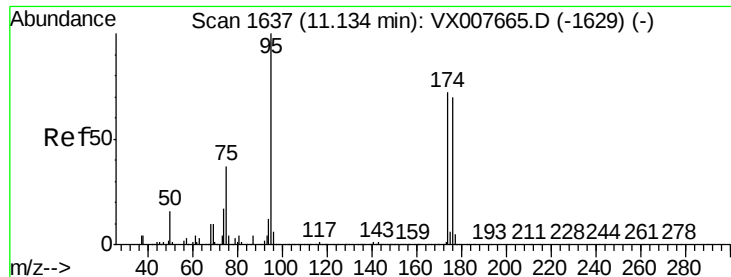
100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.421 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007676.D

Acq: 25 Feb 2019 16:20

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-200-202

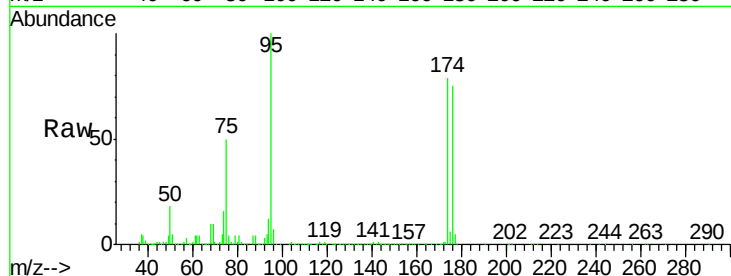
Tot Ion: 95 Resp: 257867

Ion Ratio Lower Upper

95 100

174 85.7 0.0 189.2

176 81.6 0.0 186.2

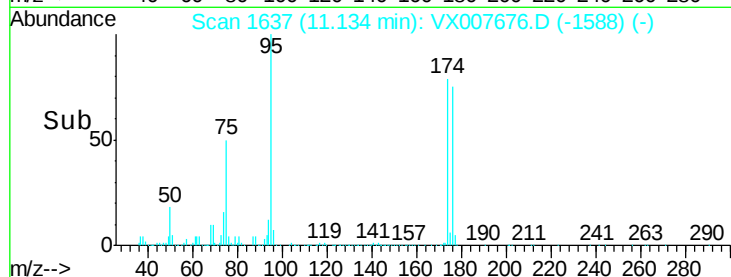


Abundance Ion 94.90 (94.60 to 95.60): VX007665.D (-1629) (-)

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

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

Time-->

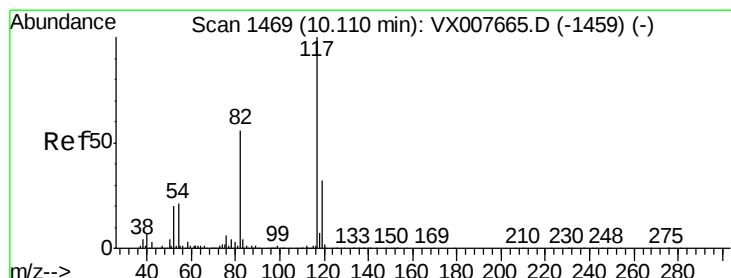


Abundance Ion 94.90 (94.60 to 95.60): VX007676.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX007676.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX007676.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: VX007676.D

Acq: 25 Feb 2019 16:20

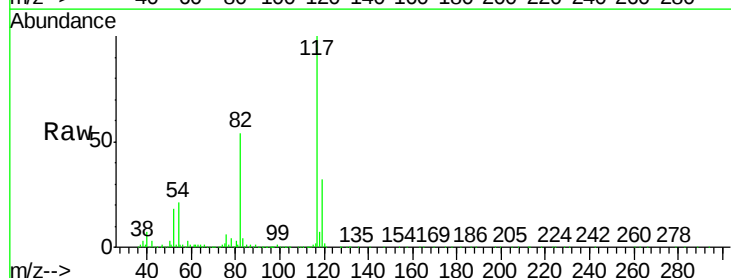
Tgt Ion: 117 Resp: 565452

Ion Ratio Lower Upper

117 100

82 53.8 42.1 63.1

119 32.5 26.5 39.7

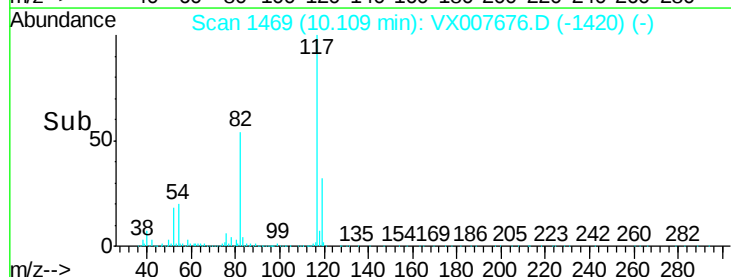


Abundance Ion 116.90 (116.60 to 117.60): VX007665.D (-1459) (-)

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

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

Time-->

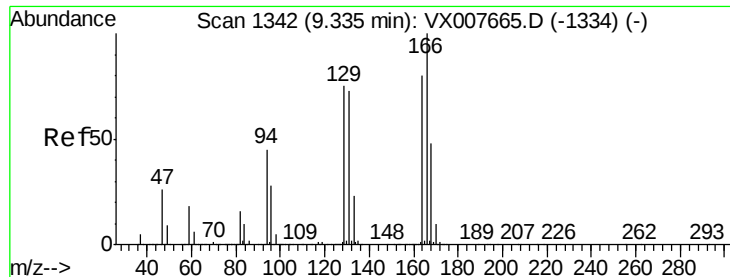


Abundance Ion 116.90 (116.60 to 117.60): VX007676.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX007676.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX007676.D (-1420) (-)

Time-->



#64

Tetrachloroethene

Concen: 1.173 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007676.D

Acq: 25 Feb 2019 16:20

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-200-202

Tot Ion:164 Resp: 5383

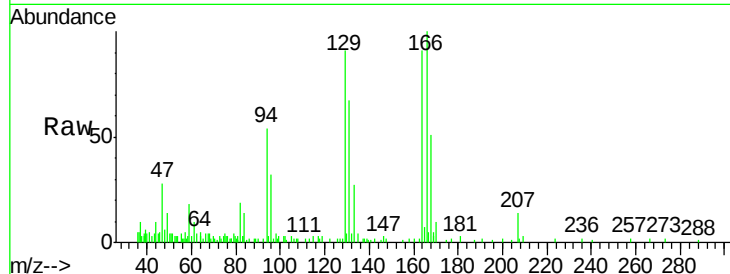
Ion Ratio Lower Upper

164 100

166 107.4 101.0 151.4

129 100.1 70.5 105.7

131 73.5 69.8 104.6

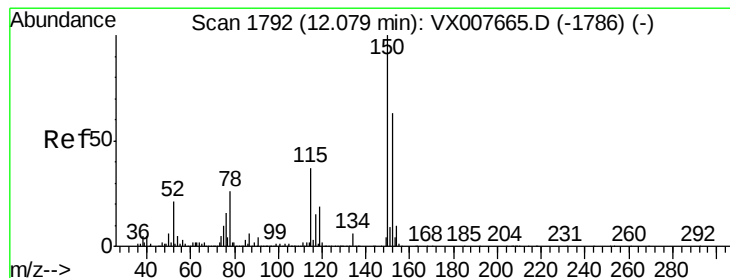
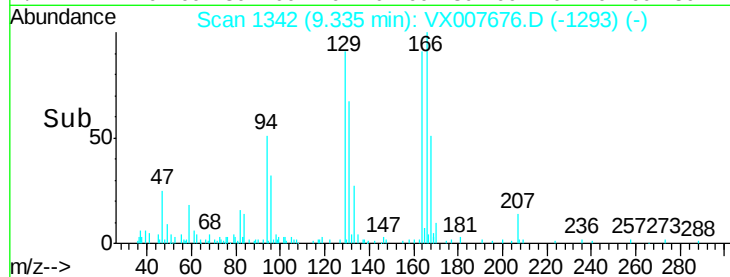
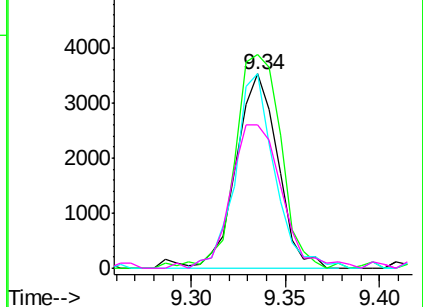


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX007676.D

Acq: 25 Feb 2019 16:20

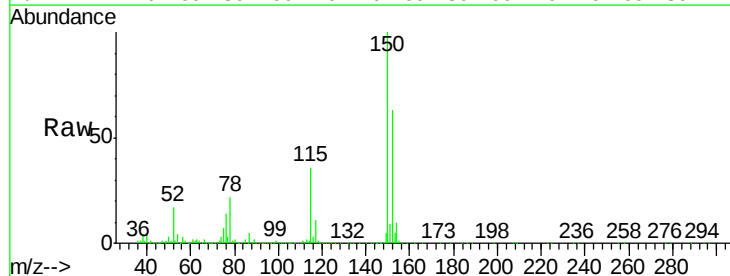
Tgt Ion:152 Resp: 257166

Ion Ratio Lower Upper

152 100

115 58.0 38.0 114.0

150 159.2 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

