

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051319\
 Data File : VX009546.D
 Acq On : 13 May 2019 16:18
 Operator : JC/SP
 Sample : K2834-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB202-TB-20190509

Quant Time: May 14 04:41:52 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

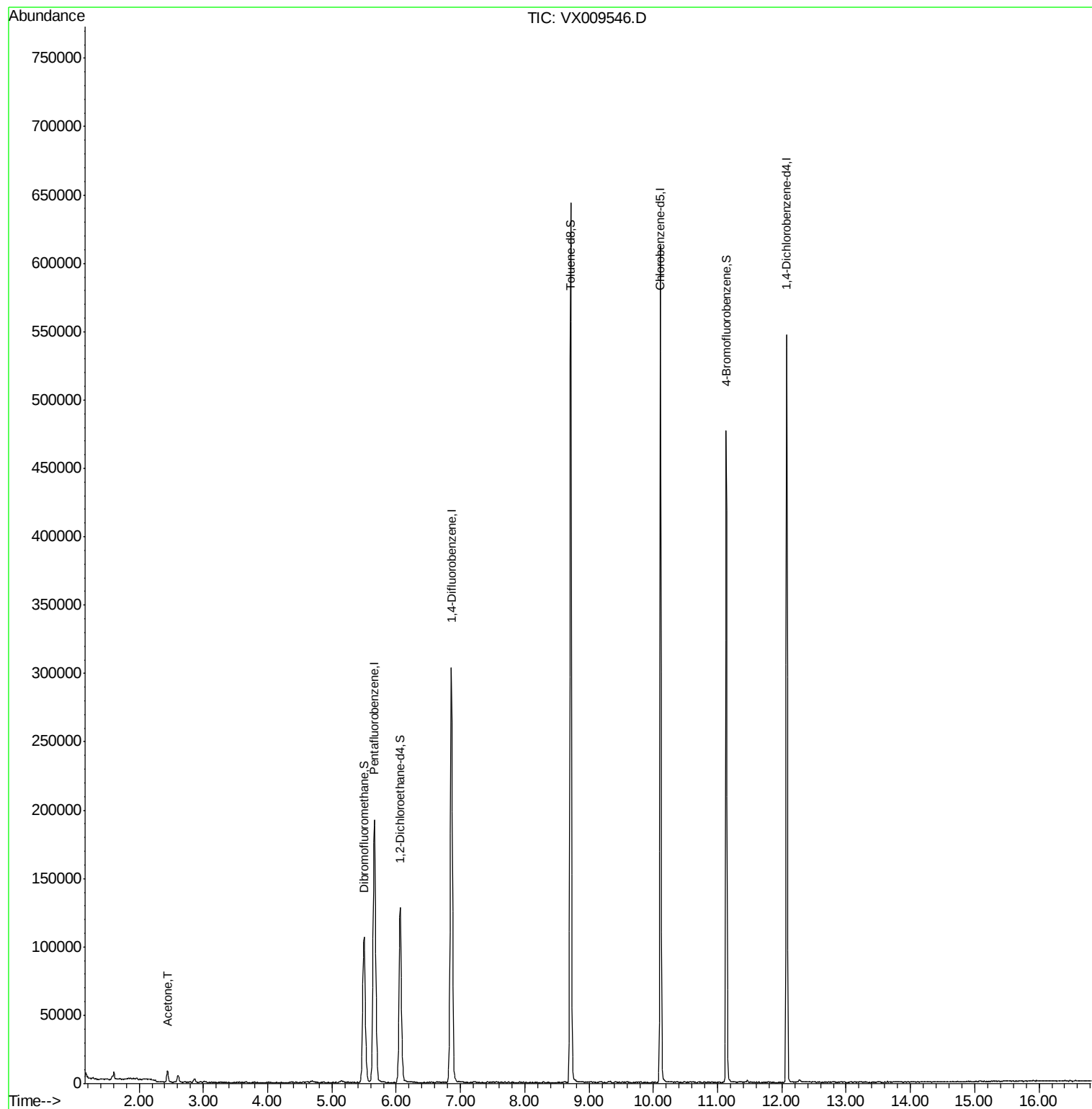
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	187465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	300941	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113263	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	122265	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
35) Dibromofluoromethane	5.50	113	91974	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
50) Toluene-d8	8.71	98	377017	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.13	95	125010	45.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.08%	
Target Compounds						
16) Acetone	2.44	43	9191	6.689	ug/l	Qvalue 98

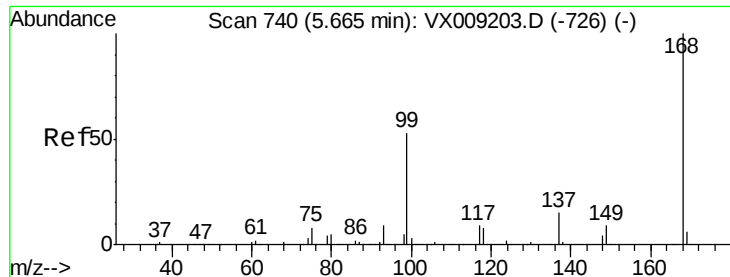
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009546.D

Acq: 13 May 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

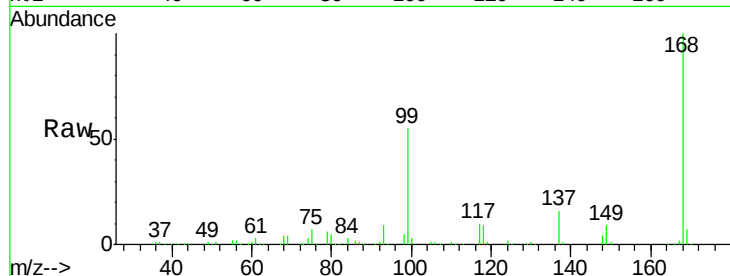
BP-VPB202-TB-20190509

Tot Ion:168 Resp: 187465

Ion Ratio Lower Upper

168 100

99 54.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

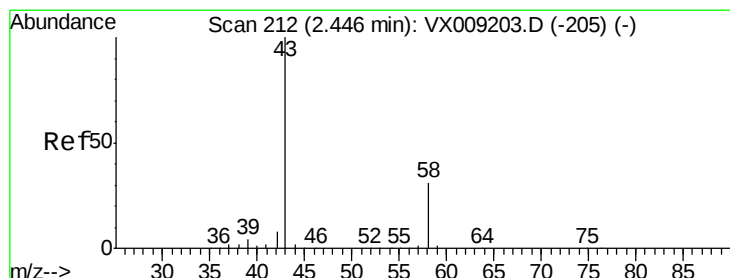
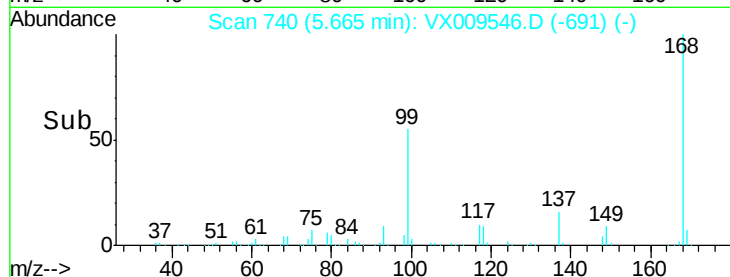
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.689 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009546.D

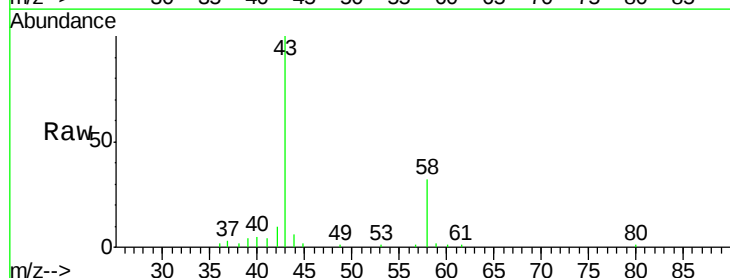
Acq: 13 May 2019 16:18

Tgt Ion: 43 Resp: 9191

Ion Ratio Lower Upper

43 100

58 32.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

6000

5000

4000

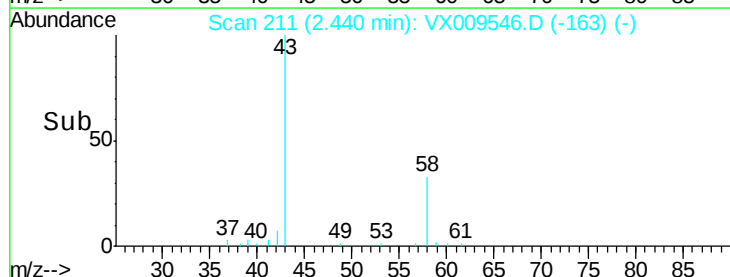
3000

2000

1000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#33

1,2-Dichloroethane-d4

Concen: 47.776 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009546.D

Acq: 13 May 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

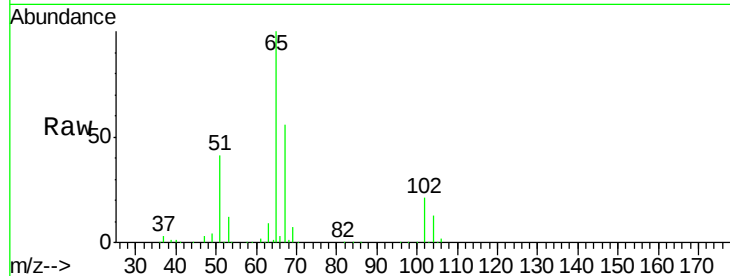
BP-VPB202-TB-20190509

Tot Ion: 65 Resp: 122265

Ion Ratio Lower Upper

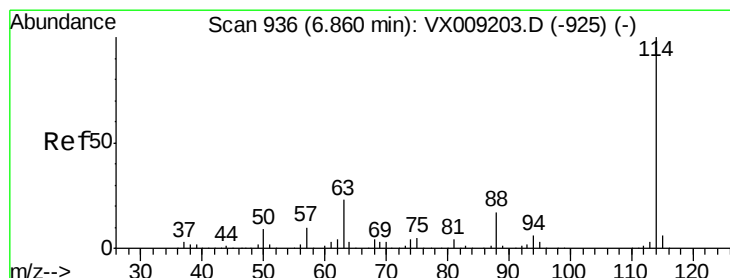
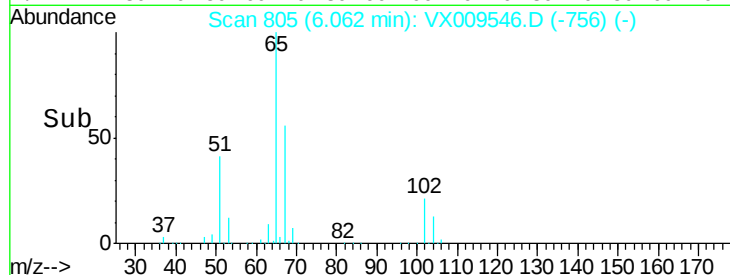
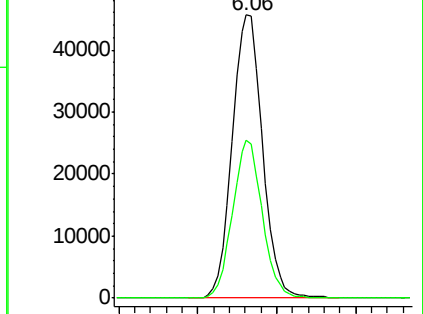
65 100

67 54.5 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: VX009546.D

Acq: 13 May 2019 16:18

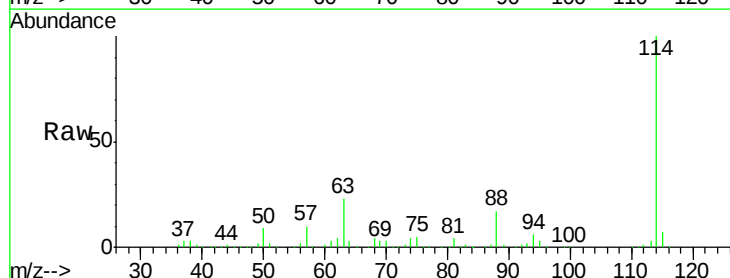
Tgt Ion: 114 Resp: 300941

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.6

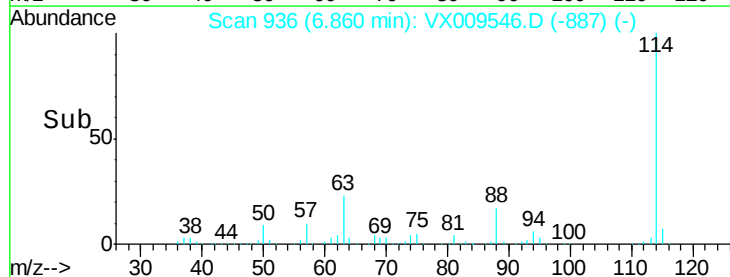
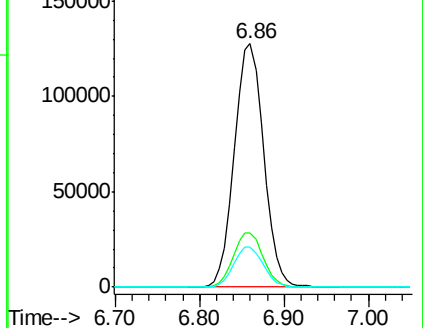
88 16.5 0.0 33.2

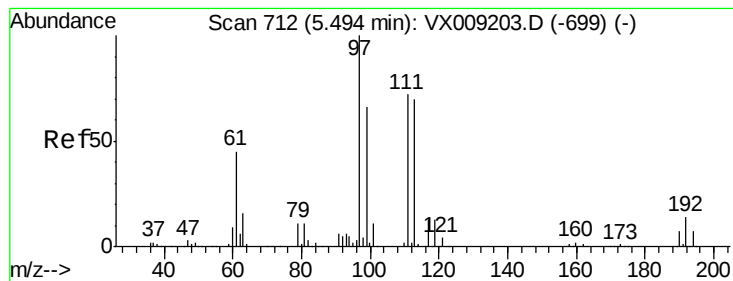


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.616 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009546.D

Acq: 13 May 2019 16:18

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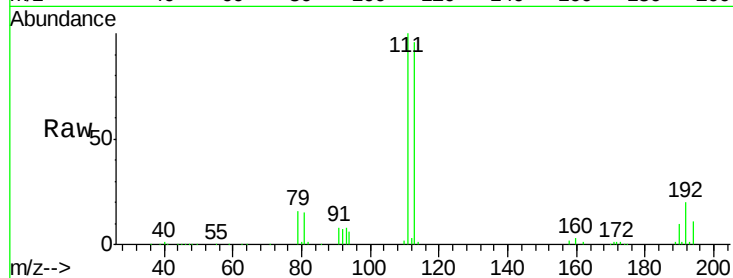
Tot Ion:113 Resp: 91974

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

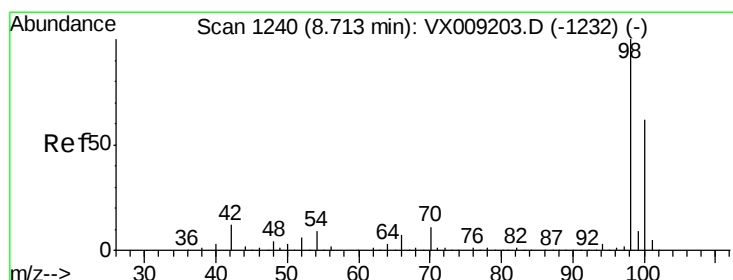
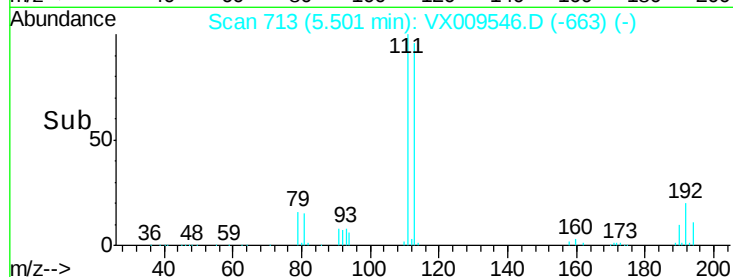
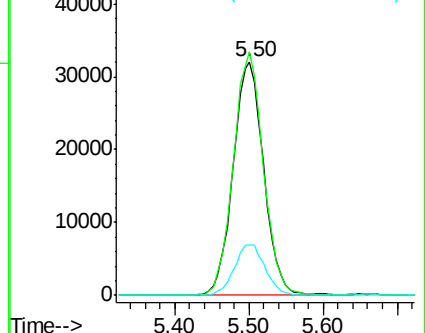
192 21.9 17.0 25.6



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: 49.362 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009546.D

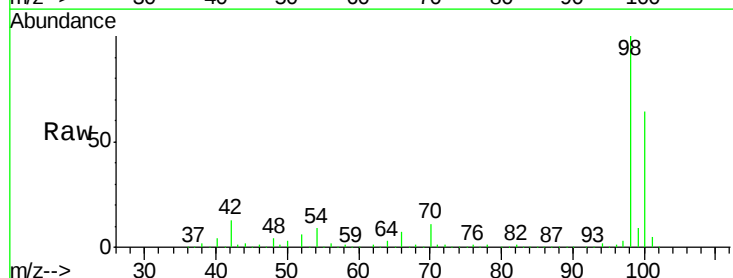
Acq: 13 May 2019 16:18

Tgt Ion: 98 Resp: 377017

Ion Ratio Lower Upper

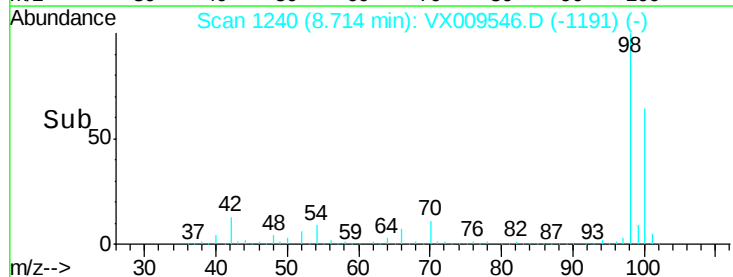
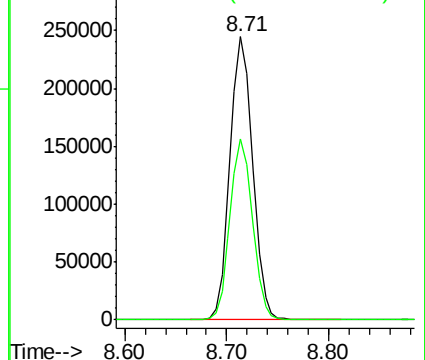
98 100

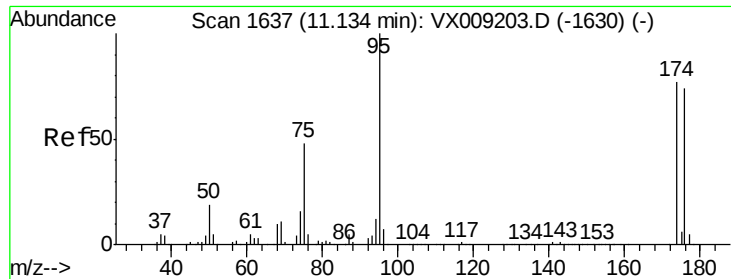
100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.044 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009546.D

Acq: 13 May 2019 16:18

Instrument :

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ClientSampleId :

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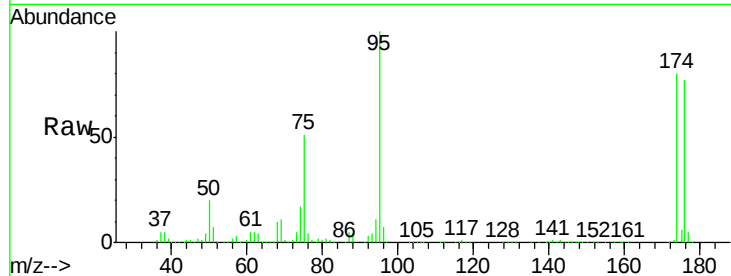
Tot Ion: 95 Resp: 125010

Ion Ratio Lower Upper

95 100

174 83.1 0.0 161.6

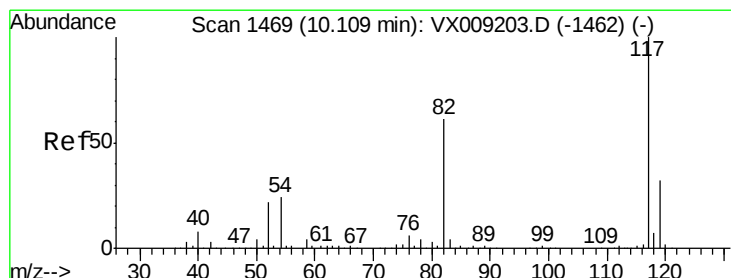
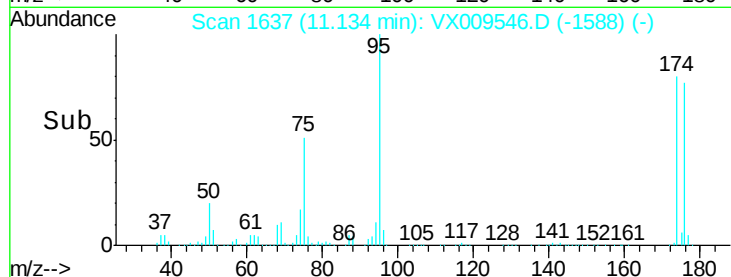
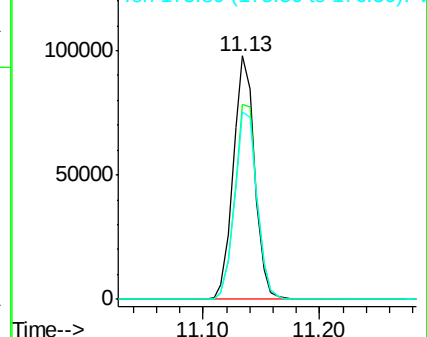
176 80.1 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009546.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009546.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009546.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009546.D

Acq: 13 May 2019 16:18

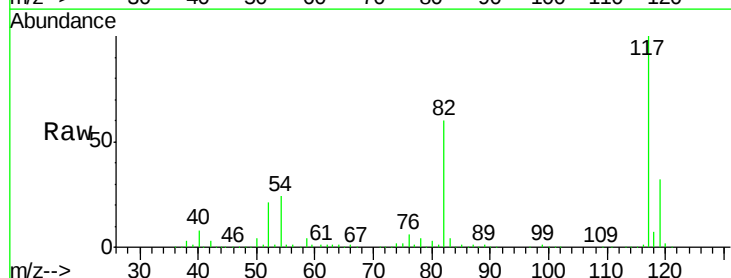
Tgt Ion: 117 Resp: 264433

Ion Ratio Lower Upper

117 100

82 59.9 48.8 73.2

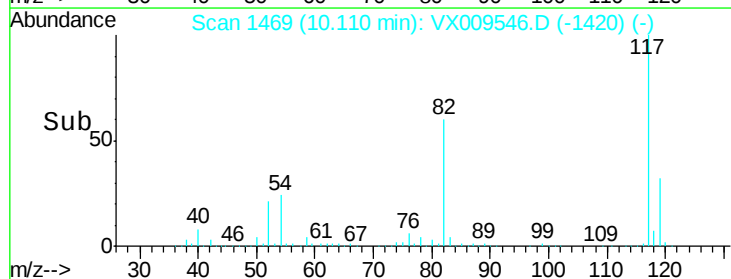
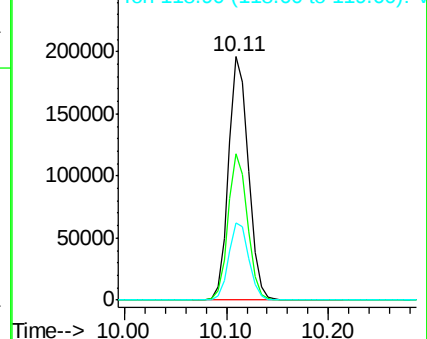
119 31.8 25.8 38.6

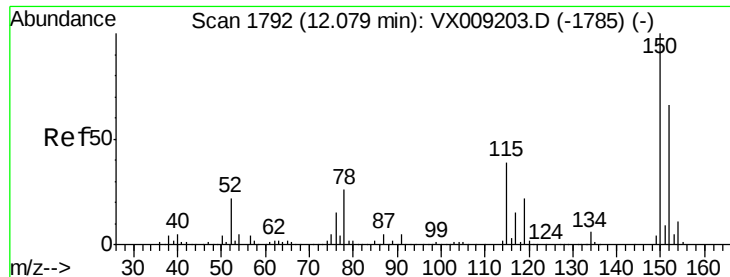


Abundance Ion 116.90 (116.60 to 117.60): VX009546.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009546.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009546.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: VX009546.D

Acq: 13 May 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB202-TB-20190509

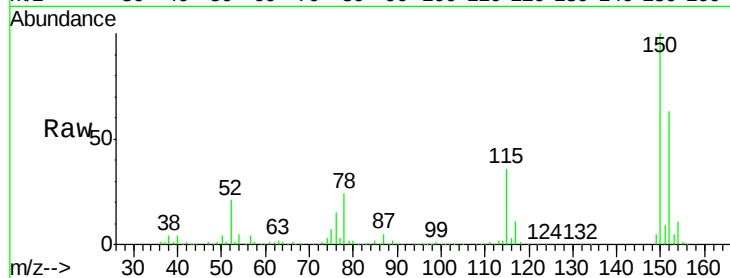
Tot Ion:152 Resp: 113263

Ion Ratio Lower Upper

152 100

115 58.5 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

