

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001833.D
 Acq On : 18 May 2018 18:27
 Operator : JC/MD
 Sample : J2853-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW310-180507RE

Quant Time: May 19 04:24:54 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

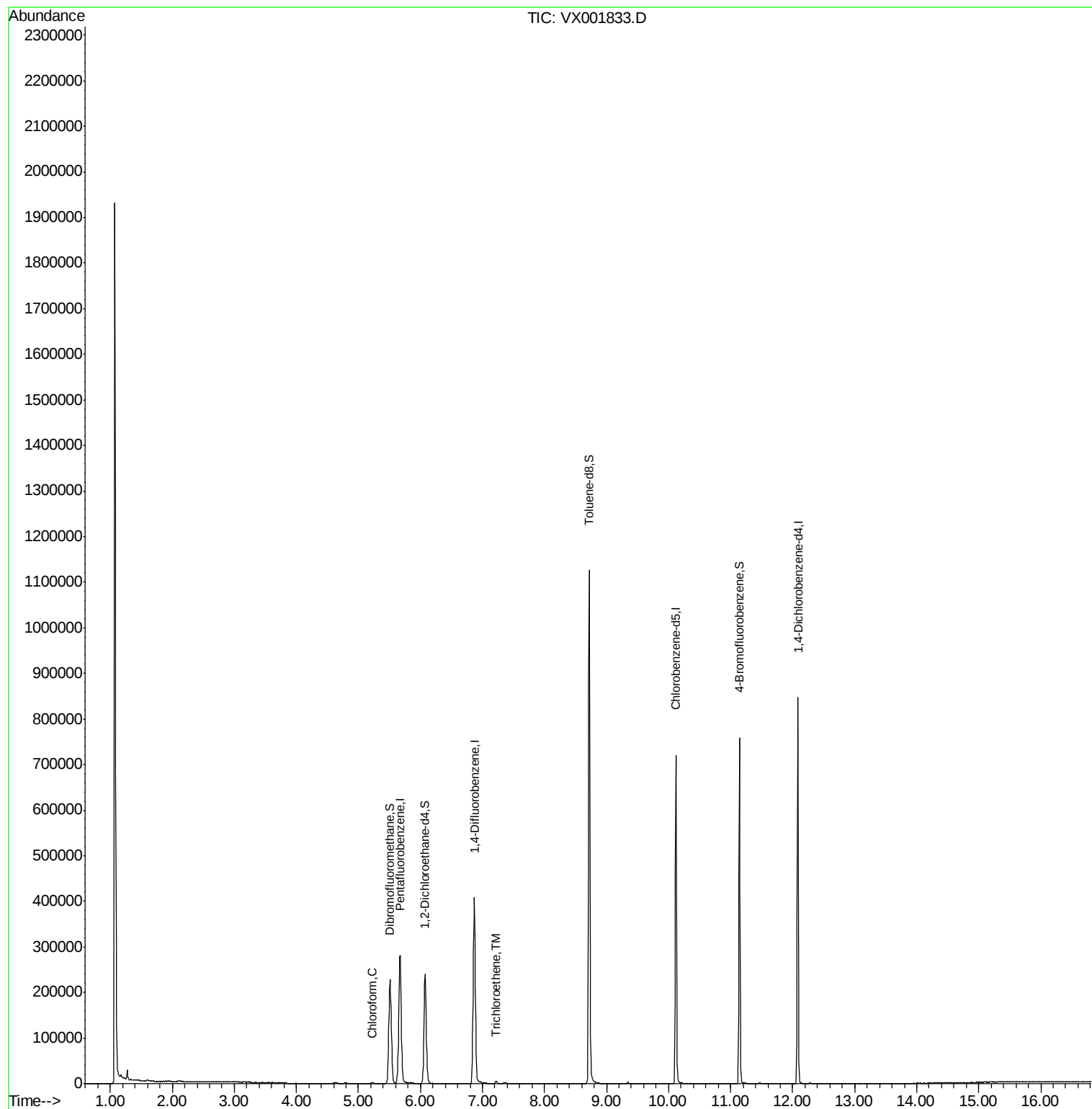
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	313334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	441559	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	346747	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189714	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	222485	52.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.94%	
35) Dibromofluoromethane	5.51	113	189757	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
50) Toluene-d8	8.72	98	682874	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
62) 4-Bromofluorobenzene	11.14	95	196713	40.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.88%	
Target Compounds						
30) Chloroform	5.22	83	1699	0.27	ug/l	92
44) Trichloroethene	7.22	130	1940	0.42	ug/l	97

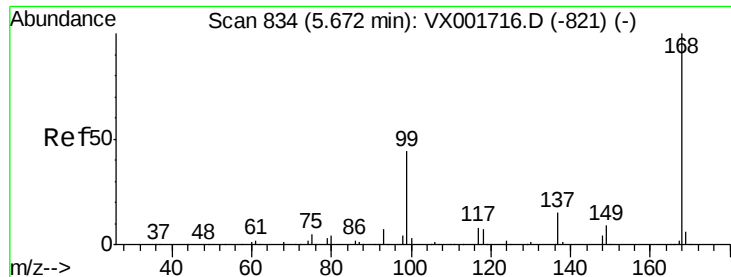
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001833.D

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Instrument :

MSVOA_X

ClientSampleId :

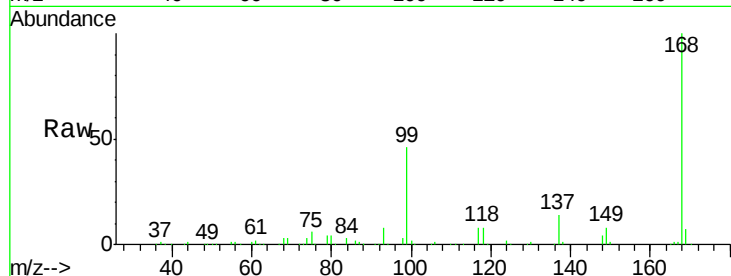
SS037MW310-180507RE

Tot Ion:168 Resp: 313334

Ion Ratio Lower Upper

168 100

99 46.4 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

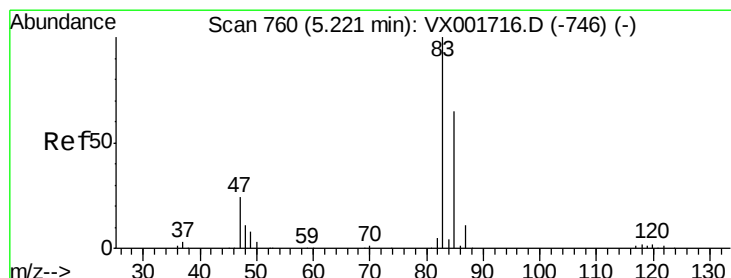
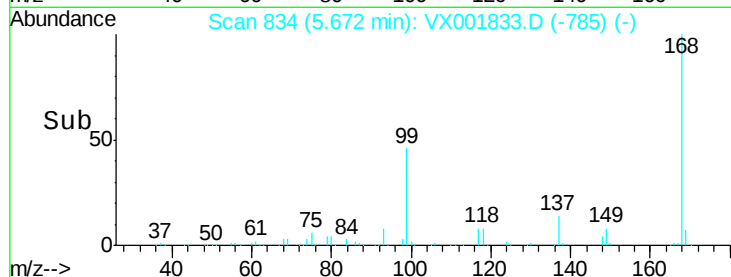
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#30

Chloroform

Concen: 0.27 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX001833.D

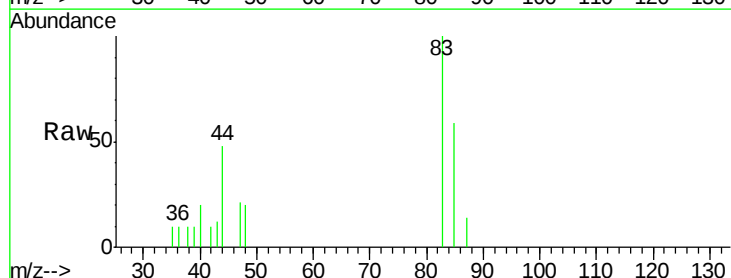
Acq: 18 May 2018 18:27

Tgt Ion: 83 Resp: 1699

Ion Ratio Lower Upper

83 100

85 59.4 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.22

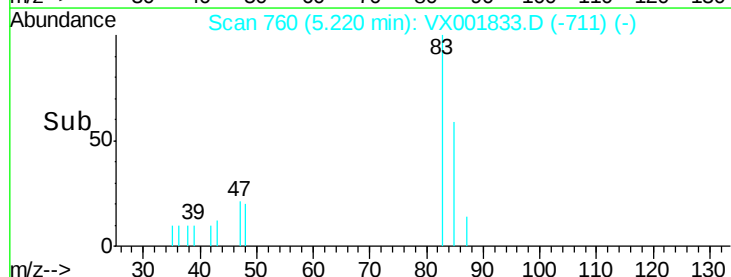
600

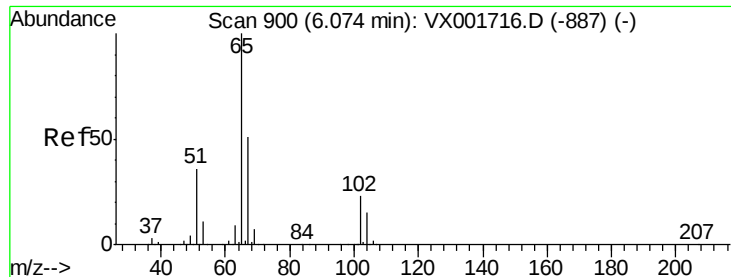
400

200

0

Time--> 5.15 5.20 5.25 5.30

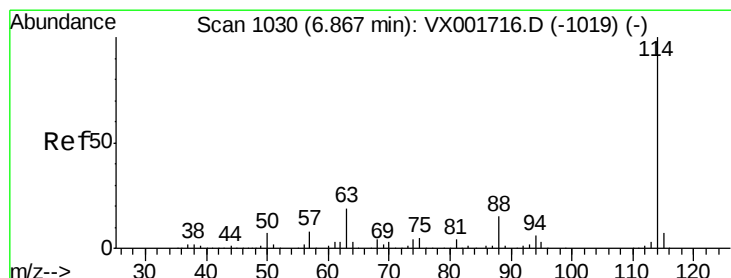
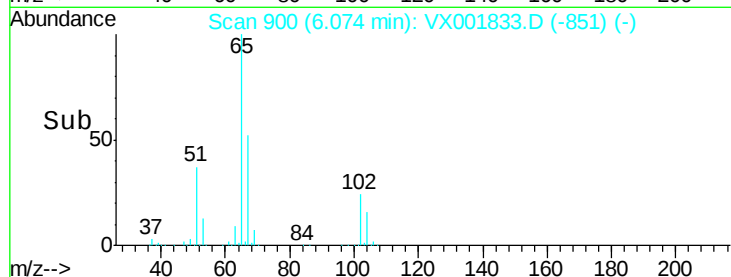
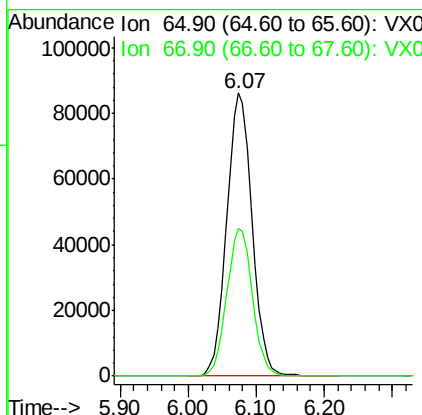
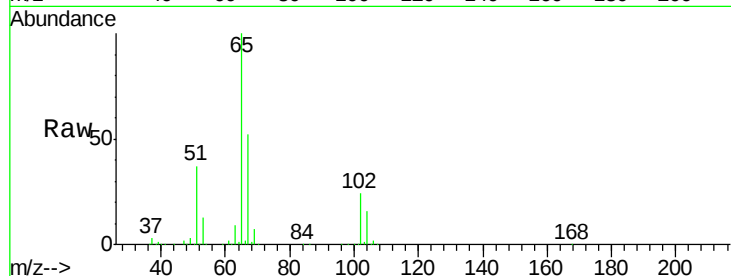




#33
 1,2-Dichloroethane-d4
 Concen: 52.97 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001833.D
 Acq: 18 May 2018 18:27

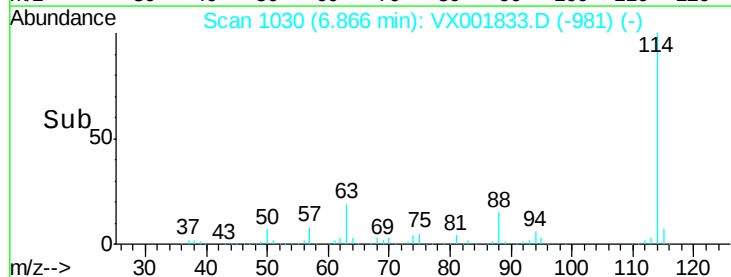
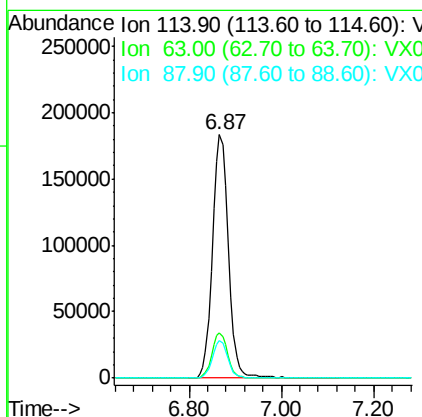
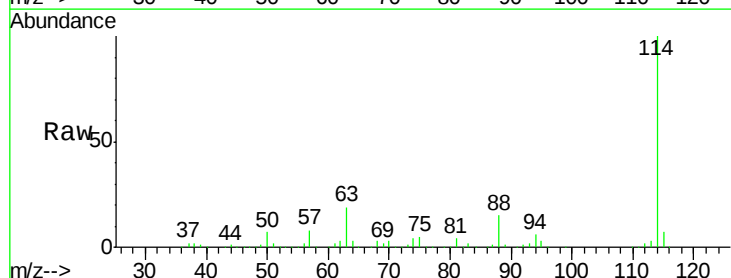
Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW310-180507RE

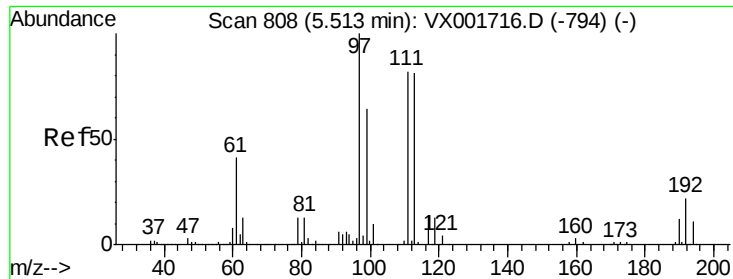
Tot Ion: 65 Resp: 222485
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001833.D
 Acq: 18 May 2018 18:27

Tgt Ion: 114 Resp: 441559
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.0
 88 15.4 0.0 29.8





#35

Dibromofluoromethane

Concen: 50.92 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001833.D

Acq: 18 May 2018 18:27

Instrument :

MSVOA_X

ClientSampleId :

SS037MW310-180507RE

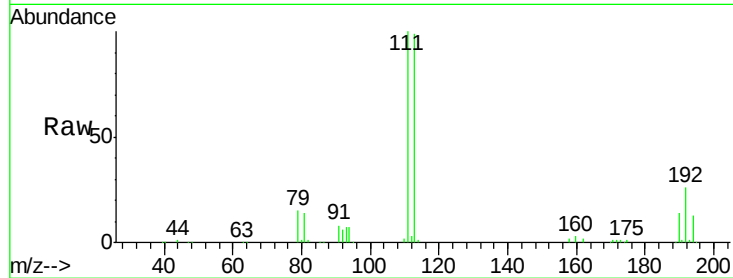
Tot Ion:113 Resp: 189757

Ion Ratio Lower Upper

113 100

111 102.3 82.0 123.0

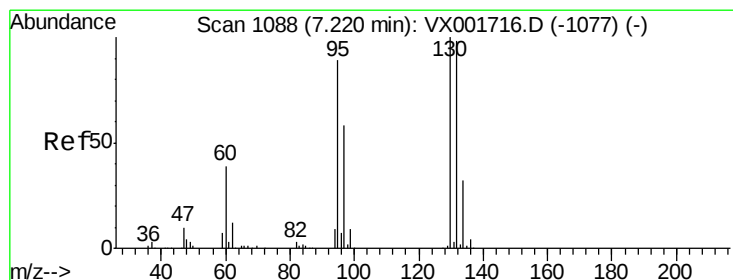
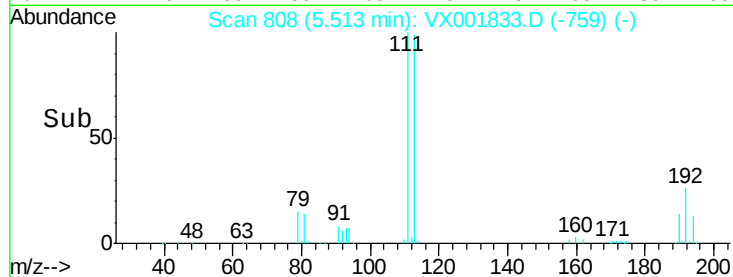
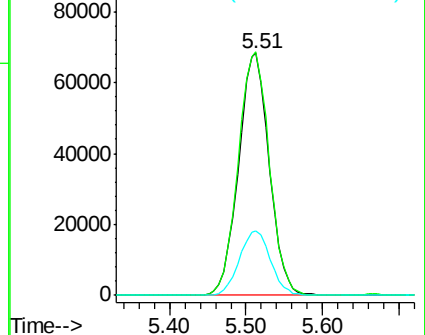
192 27.1 21.6 32.4



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: 0.42 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001833.D

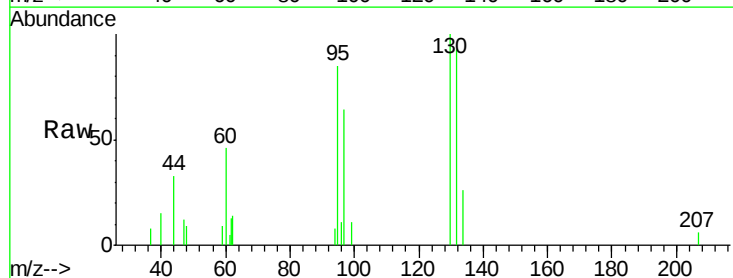
Acq: 18 May 2018 18:27

Tgt Ion:130 Resp: 1940

Ion Ratio Lower Upper

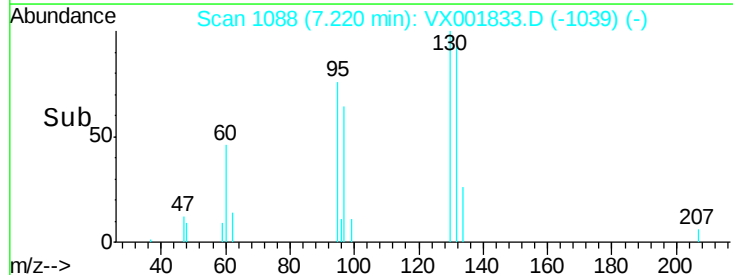
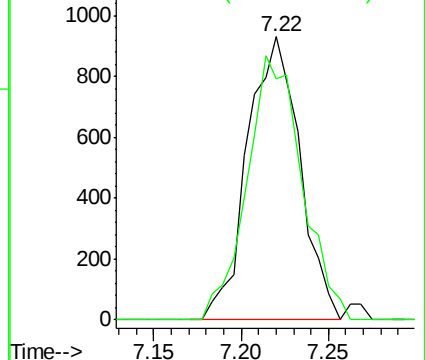
130 100

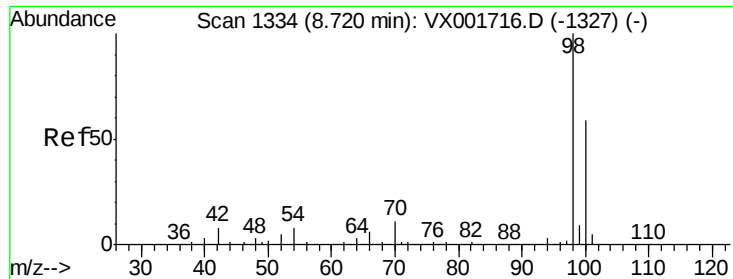
95 85.4 0.0 177.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 51.17 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001833.D

Acq: 18 May 2018 18:27

Instrument :

MSVOA_X

ClientSampleId :

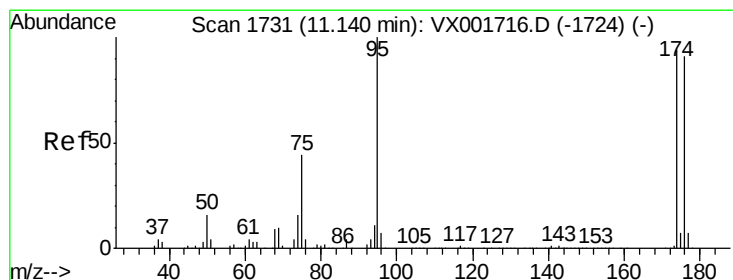
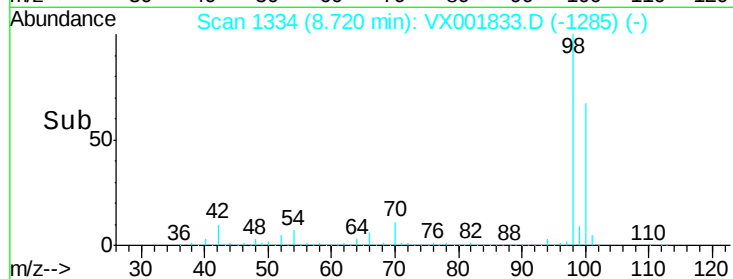
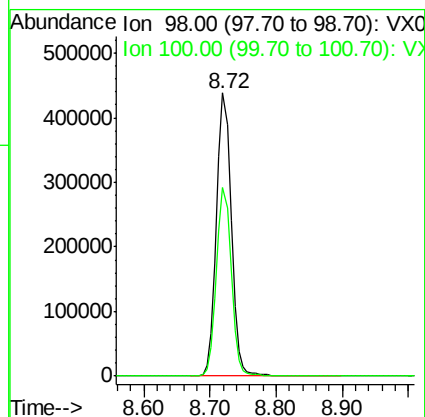
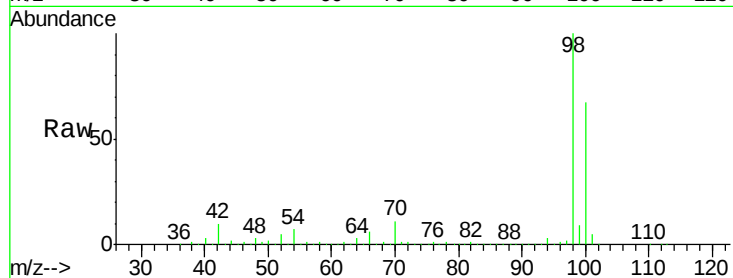
SS037MW310-180507RE

Tot Ion: 98 Resp: 682874

Ion Ratio Lower Upper

98 100

100 66.6 54.0 81.0



#62

4-Bromofluorobenzene

Concen: 40.94 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001833.D

Acq: 18 May 2018 18:27

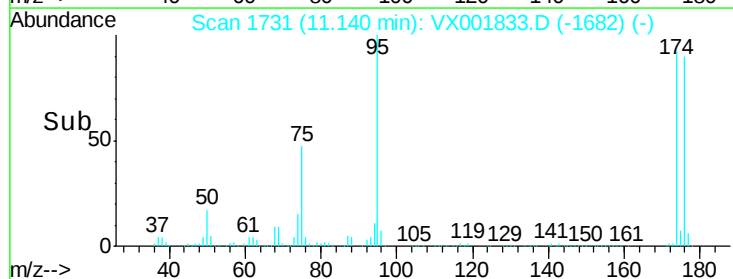
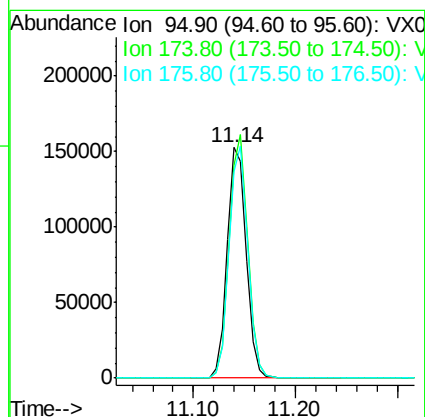
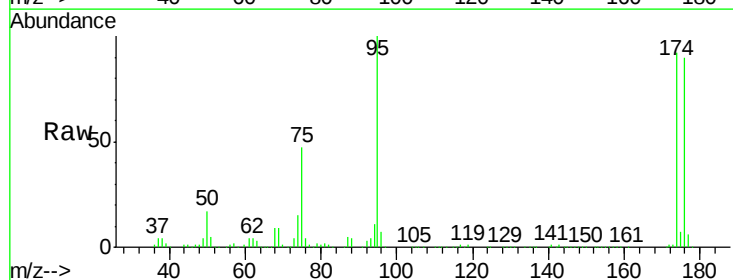
Tgt Ion: 95 Resp: 196713

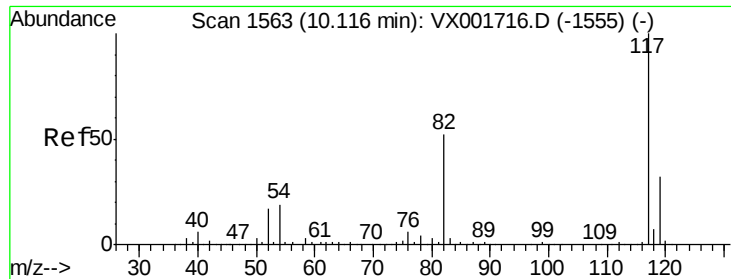
Ion Ratio Lower Upper

95 100

174 102.7 0.0 201.8

176 99.1 0.0 196.8





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX001833.D

Acq: 18 May 2018 18:27

Instrument :

MSVOA_X

ClientSampleId :

SS037MW310-180507RE

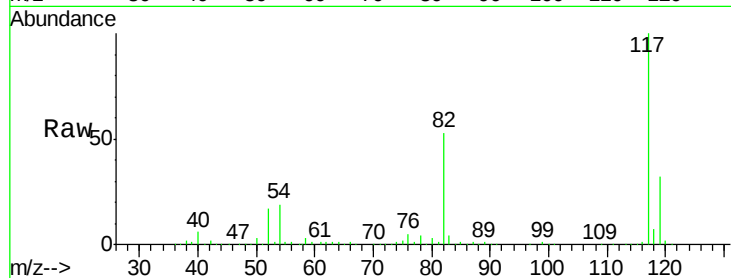
Tot Ion:117 Resp: 346747

Ion Ratio Lower Upper

117 100

82 52.8 41.4 62.2

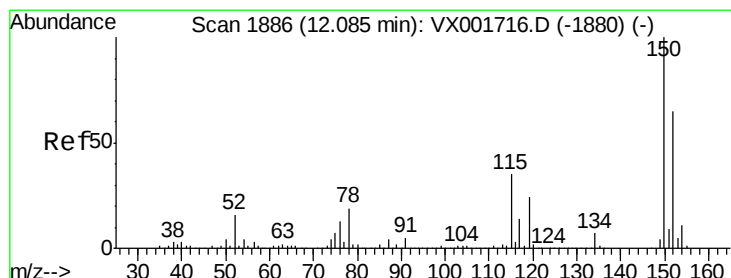
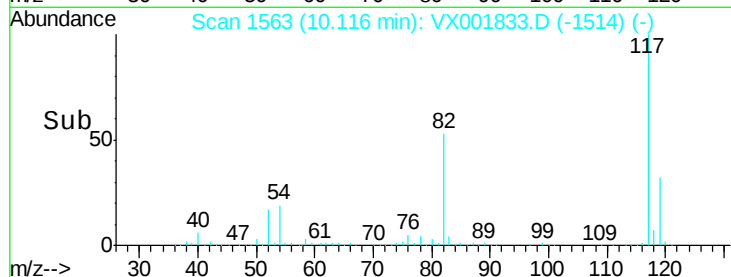
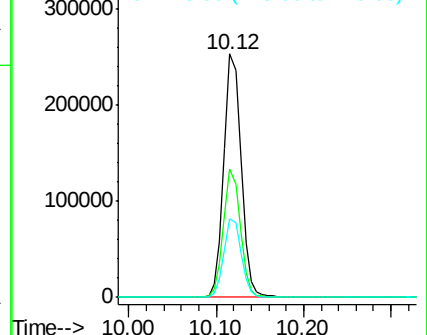
119 32.5 25.6 38.4



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001833.D

Acq: 18 May 2018 18:27

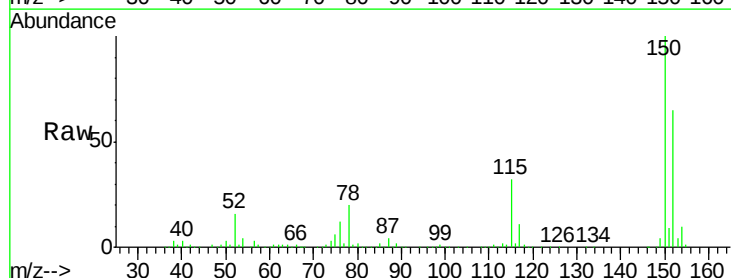
Tgt Ion:152 Resp: 189714

Ion Ratio Lower Upper

152 100

115 51.6 37.4 112.2

150 155.4 0.0 344.8



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

