

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001826.D
 Acq On : 18 May 2018 15:20
 Operator : JC/MD
 Sample : J2853-17DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW158-180508DL

Quant Time: May 19 04:53:57 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

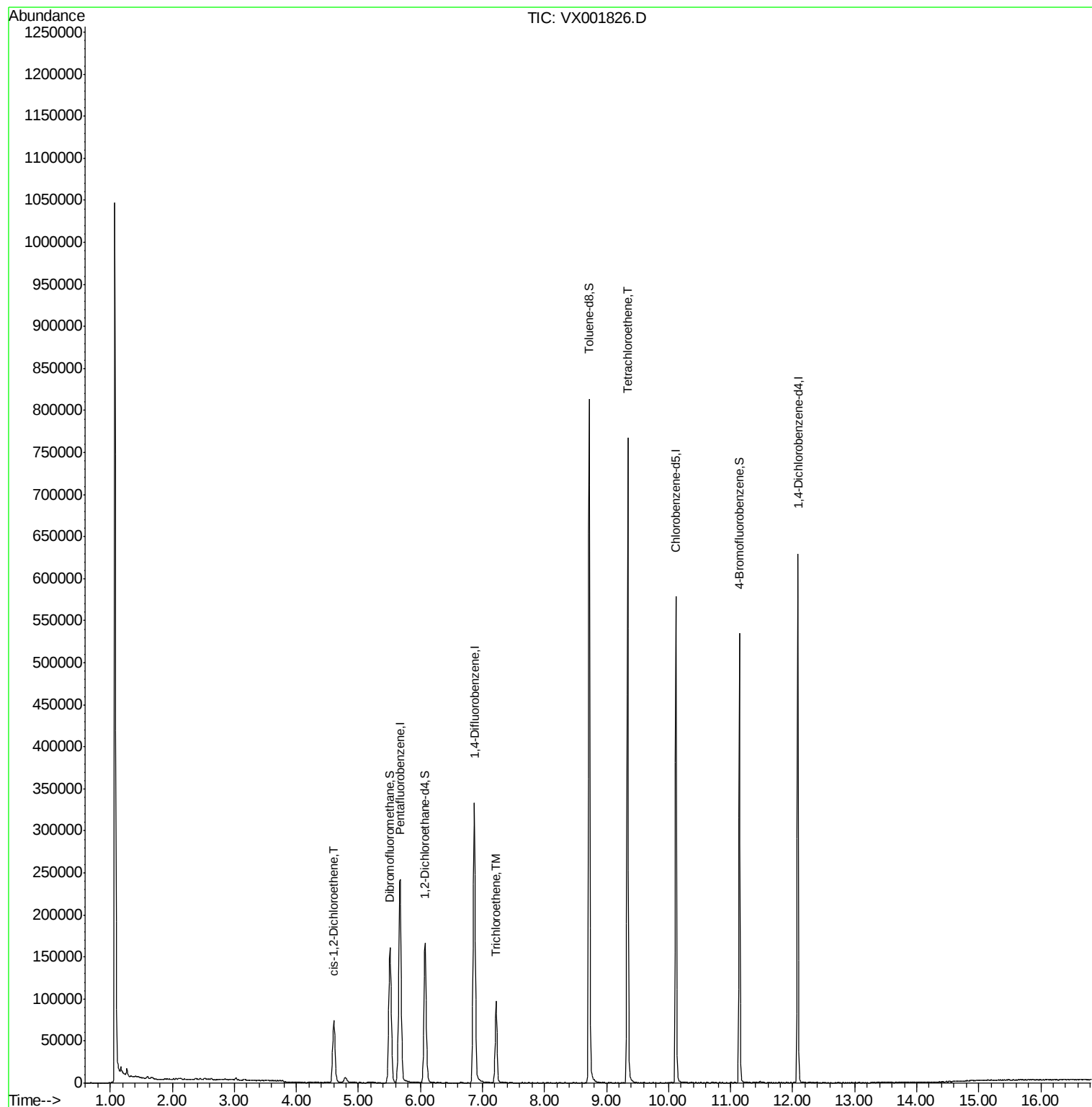
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	267871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	358680	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	279755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	145236	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	156353	43.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.10%	
35) Dibromofluoromethane	5.51	113	135706	44.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.66%	
50) Toluene-d8	8.72	98	491077	45.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.60%	
62) 4-Bromofluorobenzene	11.14	95	134533	34.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.94%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	49215	14.83	ug/l	93
44) Trichloroethene	7.22	130	41072	10.88	ug/l	97
64) Tetrachloroethene	9.34	164	172717	47.43	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: VX001826.D

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ClientSampleId :

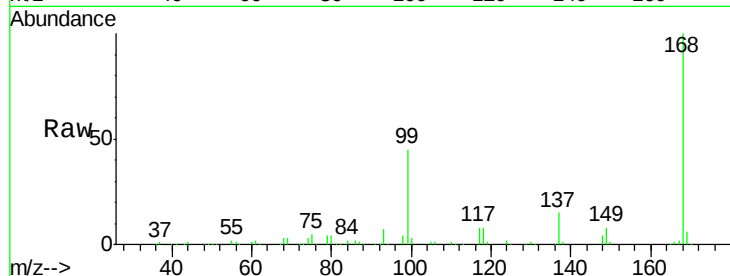
ST008MW158-180508DL

Tot Ion:168 Resp: 267871

Ion Ratio Lower Upper

168 100

99 45.0 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

100000

80000

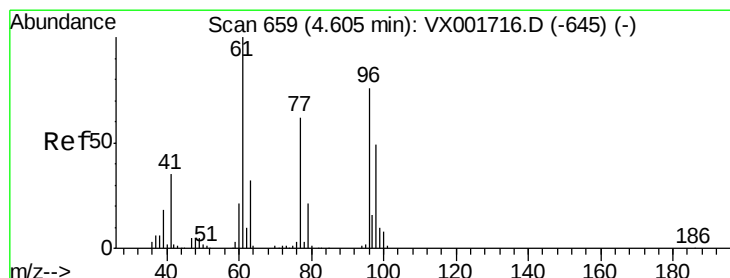
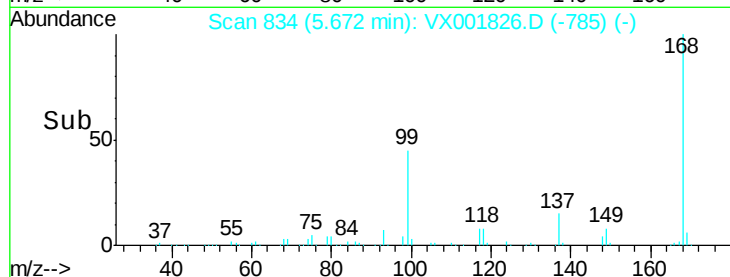
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 14.83 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX001826.D

Acq: 18 May 2018 15:20

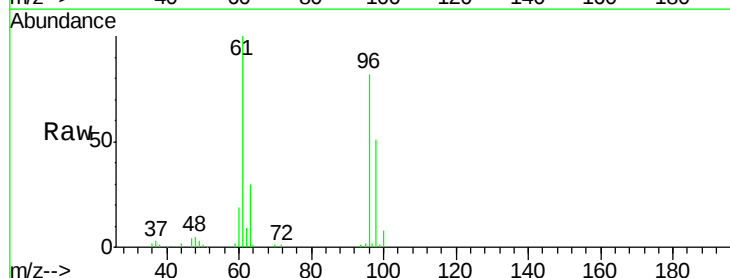
Tgt Ion: 96 Resp: 49215

Ion Ratio Lower Upper

96 100

61 127.9 0.0 280.4

98 65.5 0.0 128.4



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

30000

25000

20000

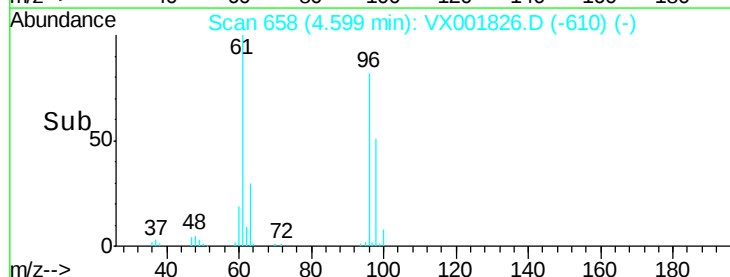
15000

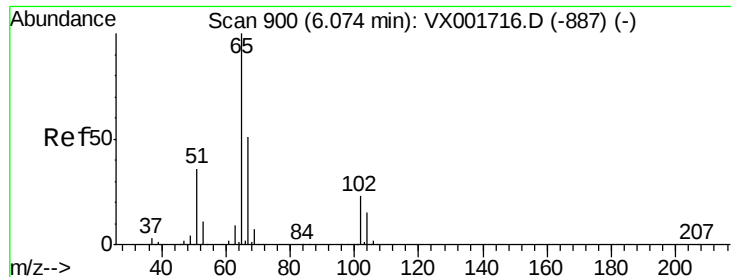
10000

5000

0

Time--> 4.50 4.60 4.70

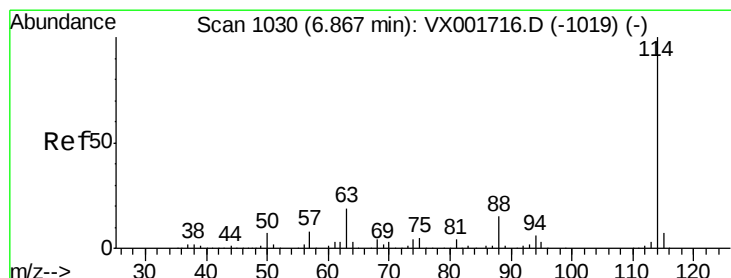
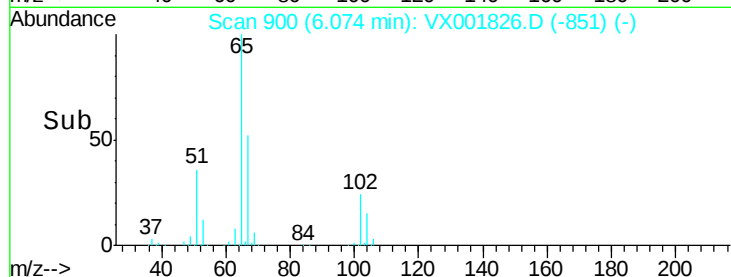
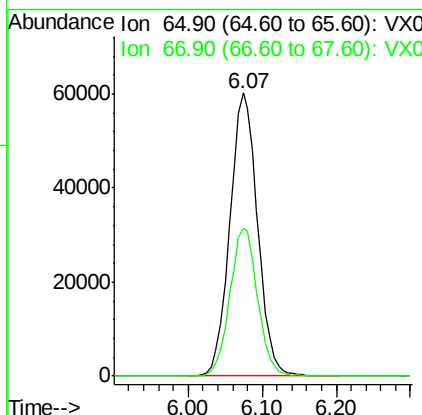
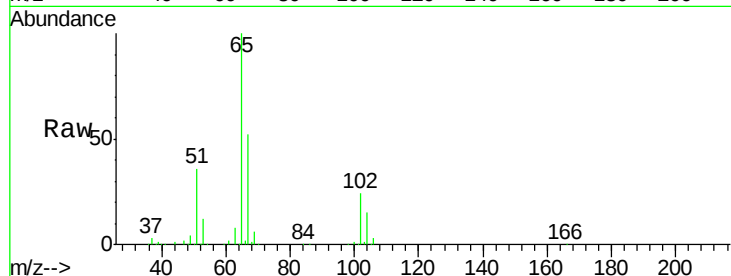




#33
 1,2-Dichloroethane-d4
 Concen: 43.55 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001826.D
 Acq: 18 May 2018 15:20

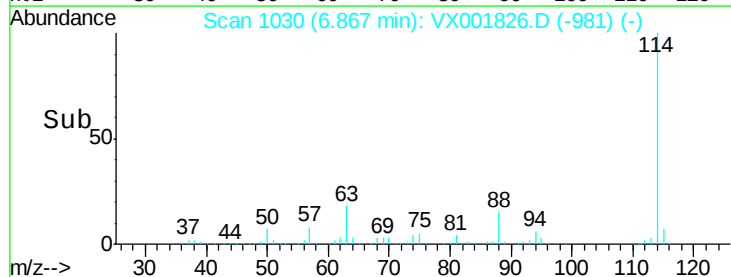
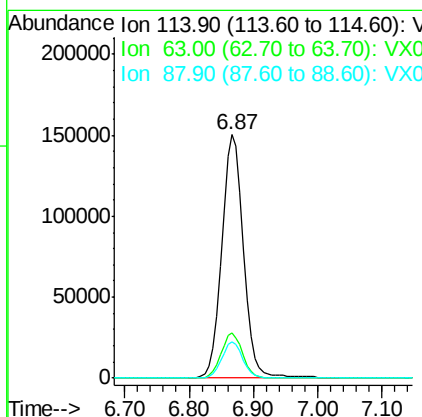
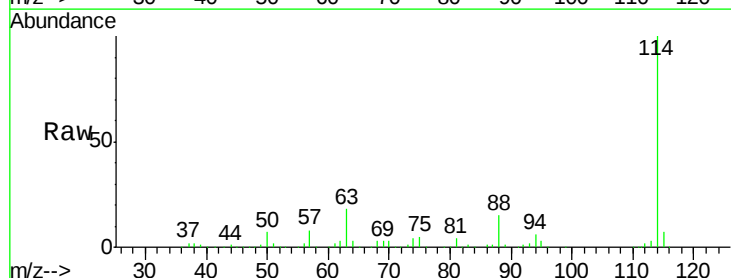
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW158-180508DL

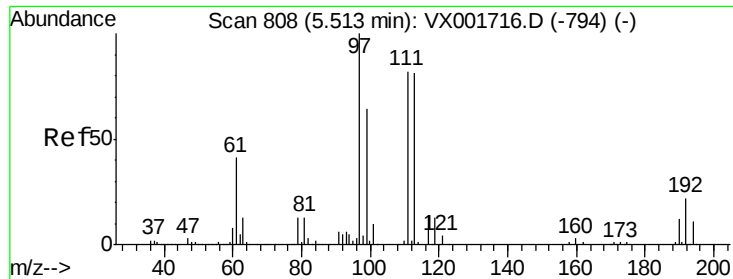
Tot Ion: 65 Resp: 156353
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001826.D
 Acq: 18 May 2018 15:20

Tgt Ion: 114 Resp: 358680
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 37.0
 88 15.0 0.0 29.8

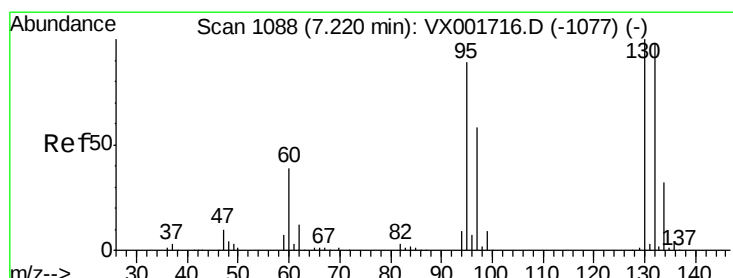
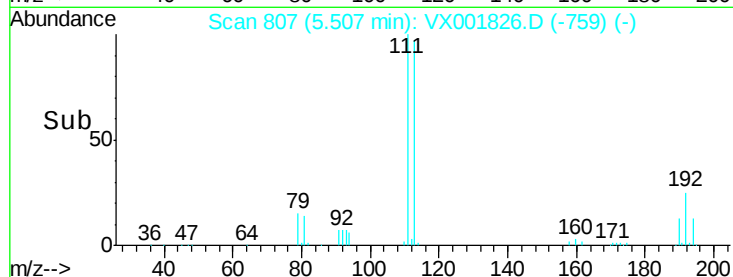
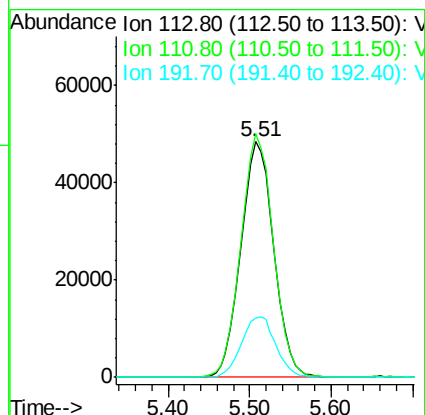
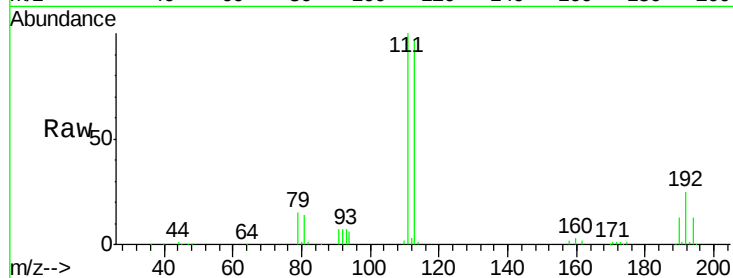




#35
 Dibromofluoromethane
 Concen: 44.83 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001826.D
 Acq: 18 May 2018 15:20

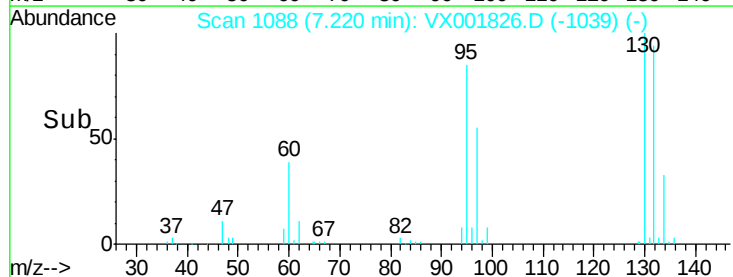
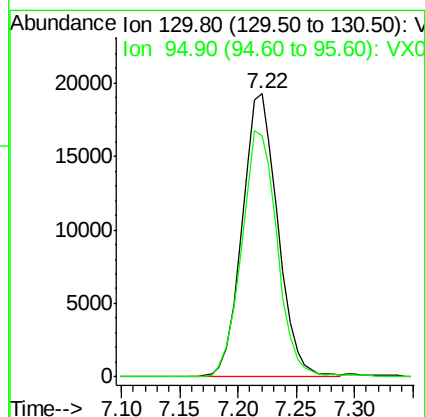
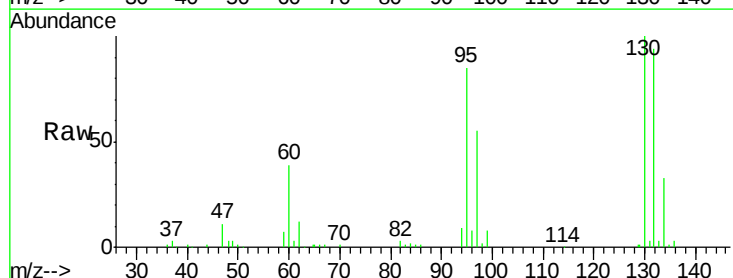
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW158-180508DL

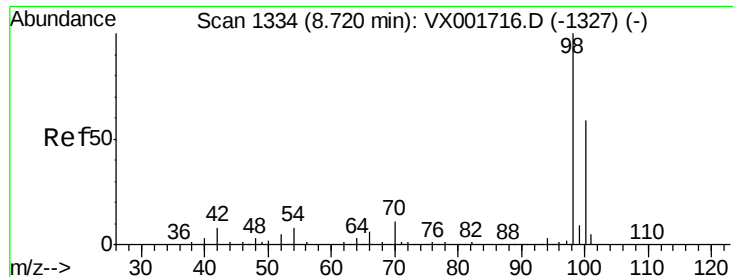
Tot Ion:113 Resp: 135706
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.0 123.0
 192 26.9 21.6 32.4



#44
 Trichloroethene
 Concen: 10.88 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001826.D
 Acq: 18 May 2018 15:20

Tgt Ion:130 Resp: 41072
 Ion Ratio Lower Upper
 130 100
 95 85.4 0.0 177.2





#50

Toluene-d8

Concen: 45.30 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001826.D

Acq: 18 May 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

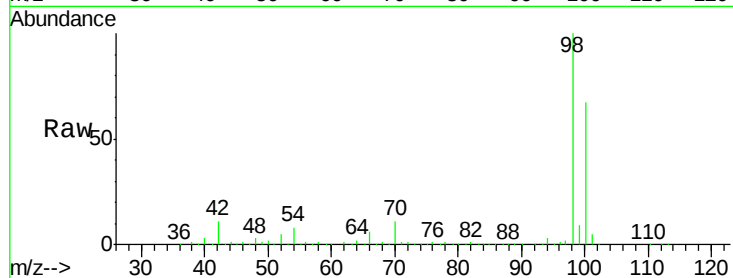
ST008MW158-180508DL

Tot Ion: 98 Resp: 491077

Ion Ratio Lower Upper

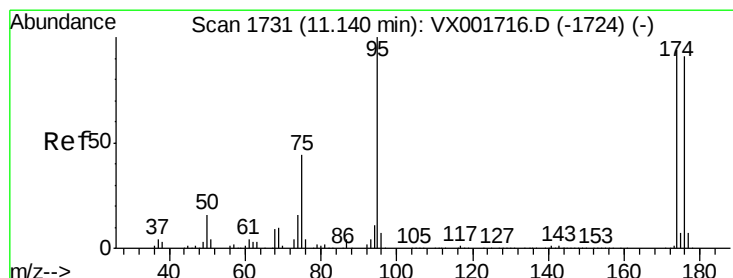
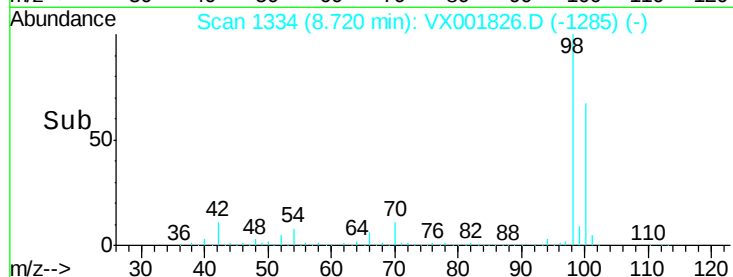
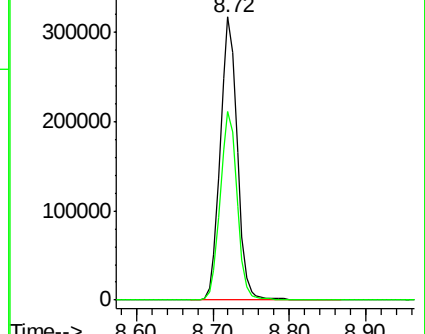
98 100

100 66.5 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 34.47 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001826.D

Acq: 18 May 2018 15:20

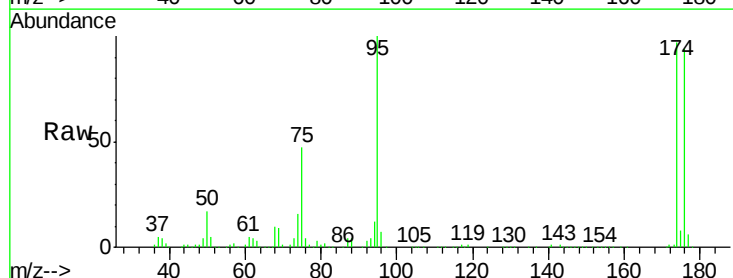
Tgt Ion: 95 Resp: 134533

Ion Ratio Lower Upper

95 100

174 104.4 0.0 201.8

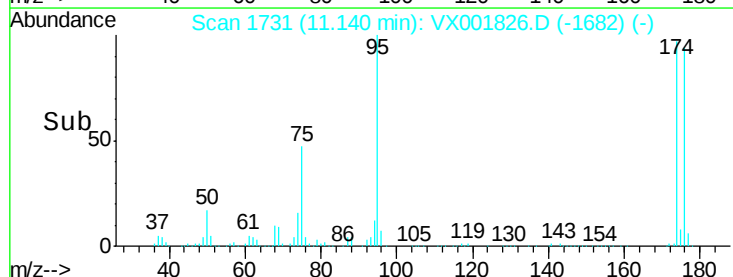
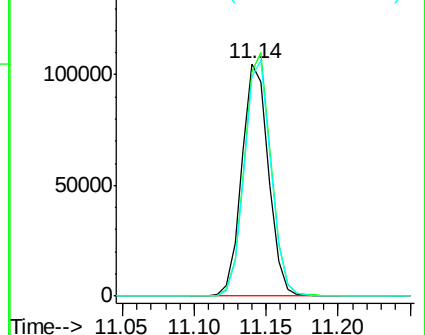
176 101.1 0.0 196.8

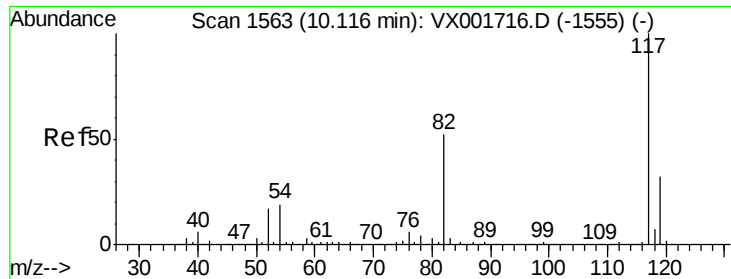


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

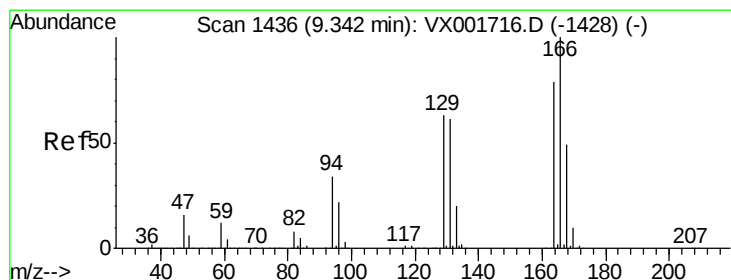
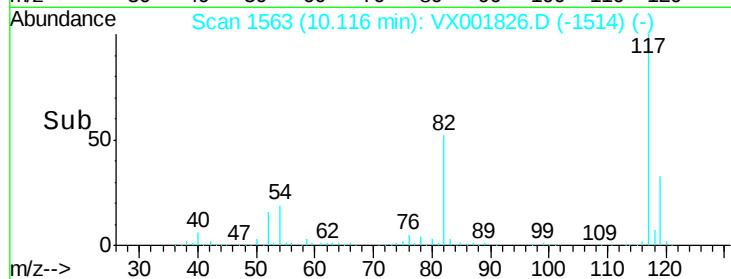
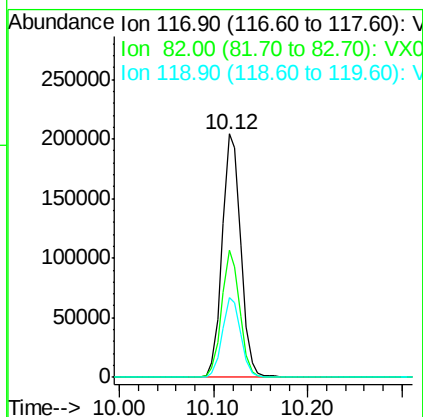
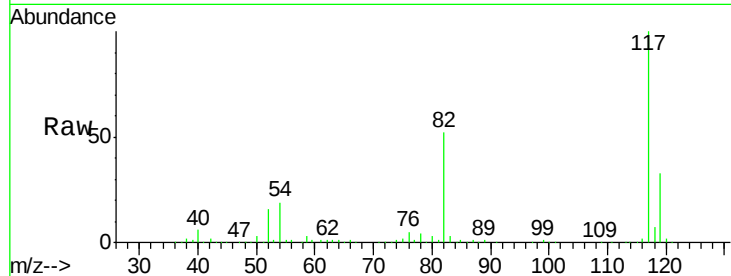




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001826.D
Acq: 18 May 2018 15:20

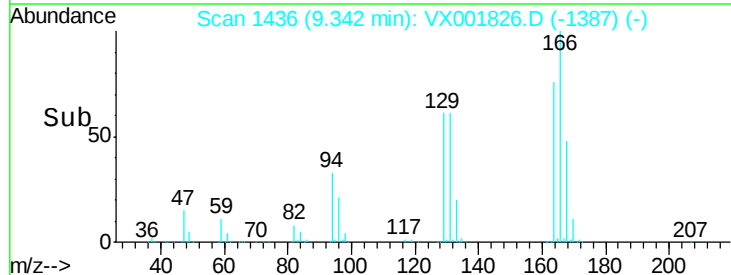
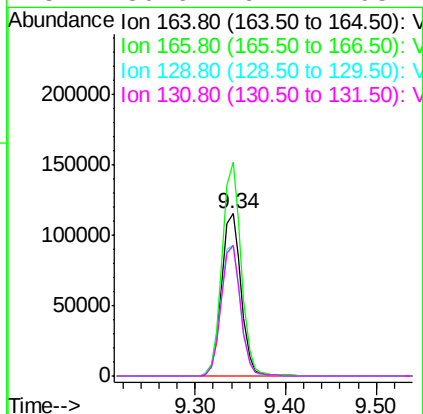
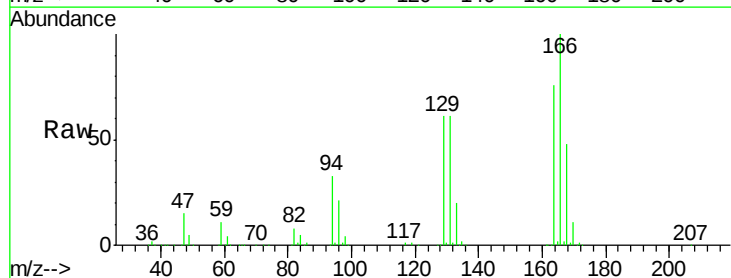
Instrument :
MSVOA_X
ClientSampleId :
ST008MW158-180508DL

Tot Ion:117 Resp: 279755
Ion Ratio Lower Upper
117 100
82 52.1 41.4 62.2
119 32.6 25.6 38.4



#64
Tetrachloroethene
Concen: 47.43 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001826.D
Acq: 18 May 2018 15:20

Tgt Ion:164 Resp: 172717
Ion Ratio Lower Upper
164 100
166 131.4 101.8 152.8
129 80.3 63.8 95.6
131 80.6 62.2 93.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001826.D

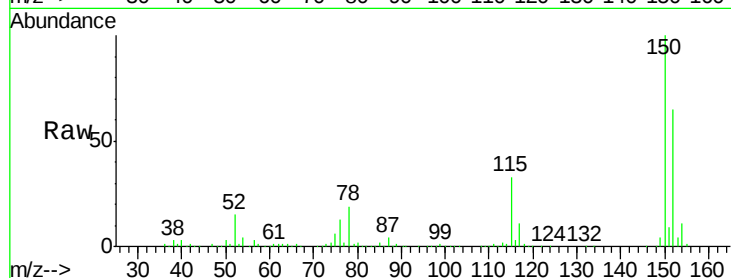
Acq: 18 May 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

ST008MW158-180508DL



Tot Ion:152 Resp: 145236

Ion Ratio Lower Upper

152 100

115 51.8 37.4 112.2

150 154.0 0.0 344.8

