

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001841.D
 Acq On : 18 May 2018 22:01
 Operator : JC/MD
 Sample : J2986-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW098-180514

Quant Time: May 19 05:13:16 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

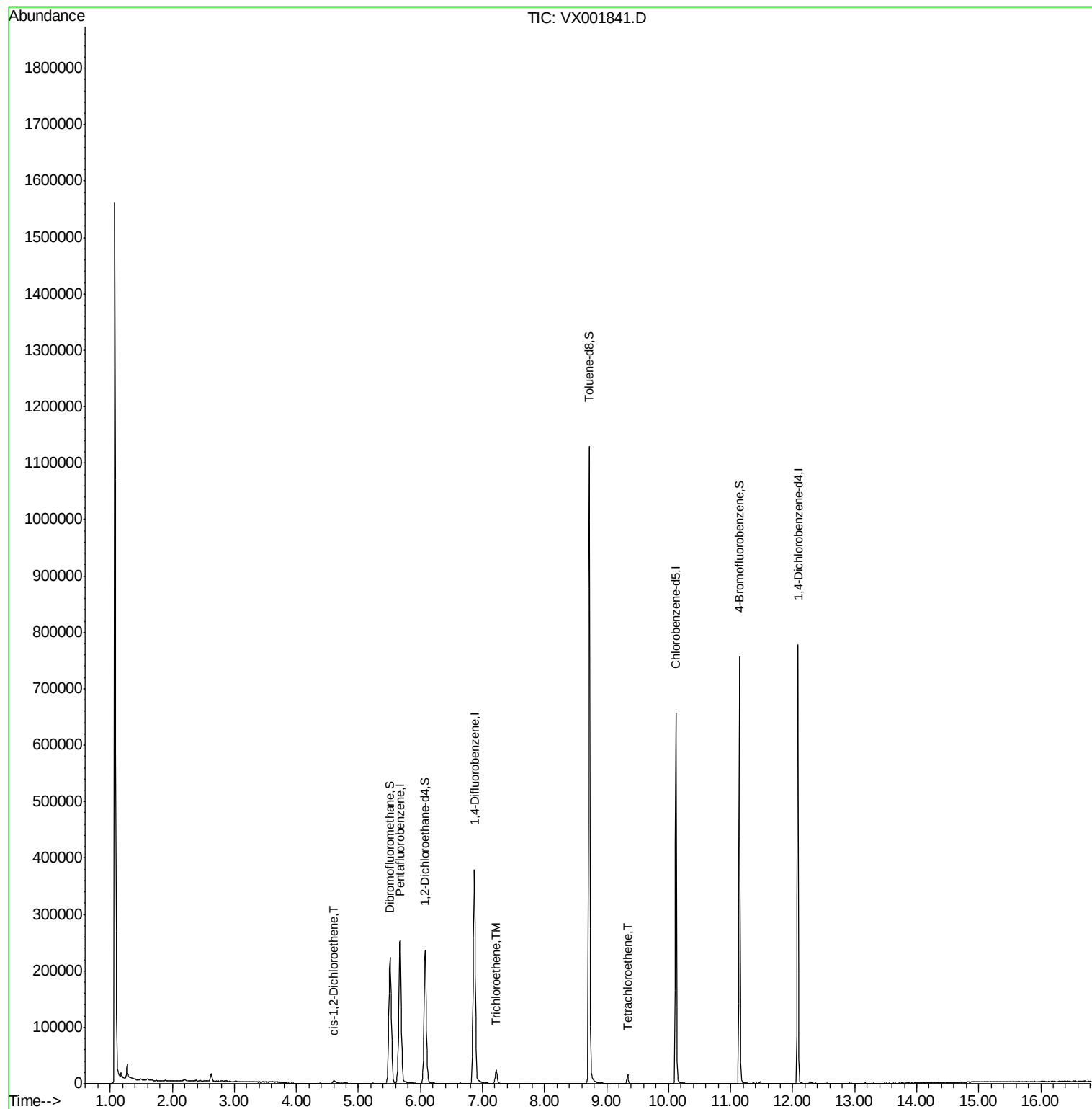
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	282217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	405656	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	320478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	175057	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	219047	57.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.82%	
35) Dibromofluoromethane	5.51	113	188857	55.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.34%	
50) Toluene-d8	8.72	98	678794	55.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.72%	
62) 4-Bromofluorobenzene	11.14	95	193999	43.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.90%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	2759	0.79	ug/l	63
44) Trichloroethene	7.22	130	9705	2.27	ug/l	98
64) Tetrachloroethene	9.34	164	3239	0.78	ug/l #	83

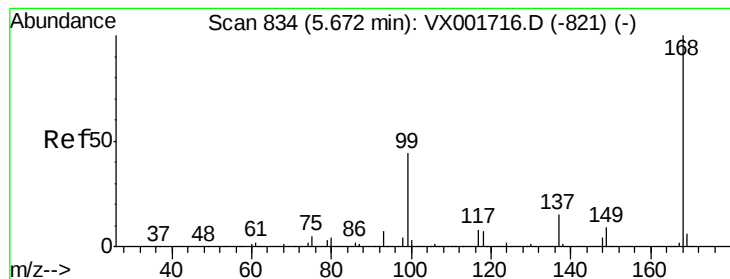
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

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MSVOA_X

ClientSampleId :

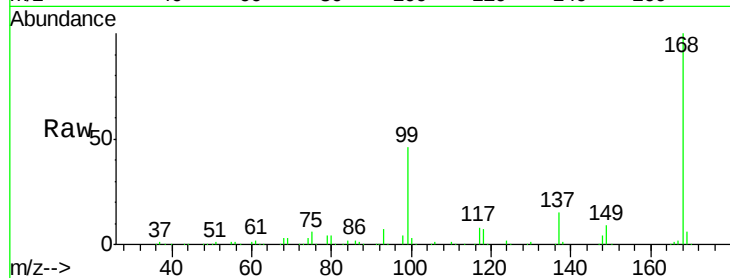
SS037MW098-180514

Tot Ion:168 Resp: 282217

Ion Ratio Lower Upper

168 100

99 45.6 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

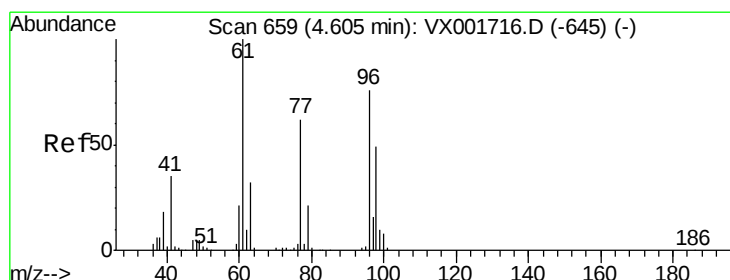
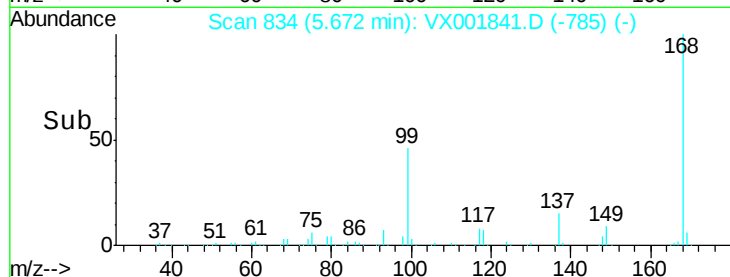
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 0.79 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001841.D

Acq: 18 May 2018 22:01

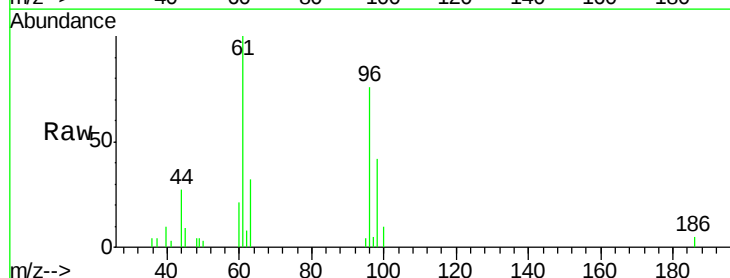
Tgt Ion: 96 Resp: 2759

Ion Ratio Lower Upper

96 100

61 204.9 0.0 280.4

98 63.6 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

2000

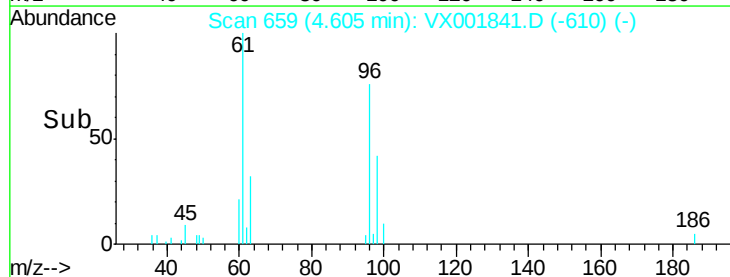
1500

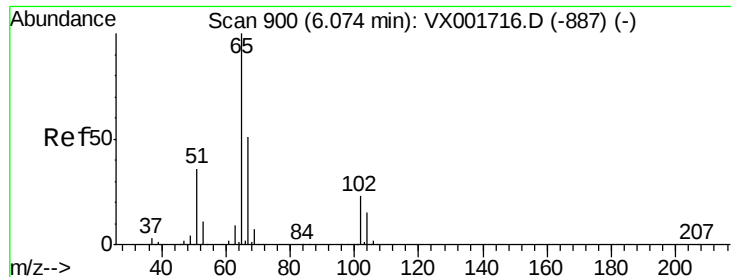
1000

500

0

Time--> 4.50 4.55 4.60 4.65





#33

1,2-Dichloroethane-d4

Concen: 57.91 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001841.D

Acq: 18 May 2018 22:01

Instrument :

MSVOA_X

ClientSampleId :

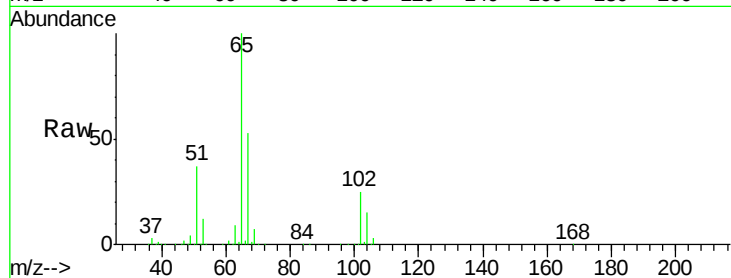
SS037MW098-180514

Tot Ion: 65 Resp: 219047

Ion Ratio Lower Upper

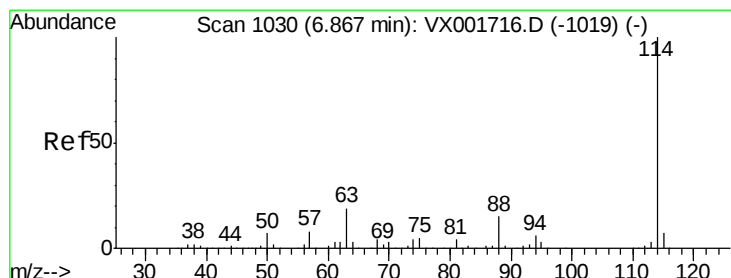
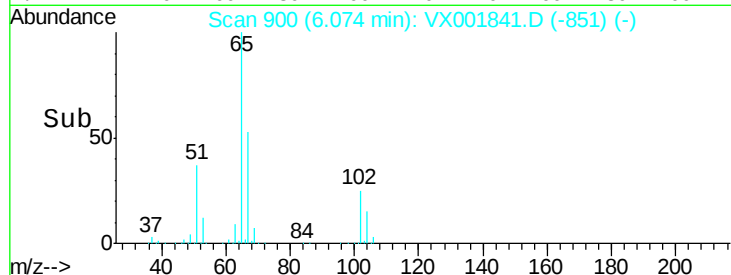
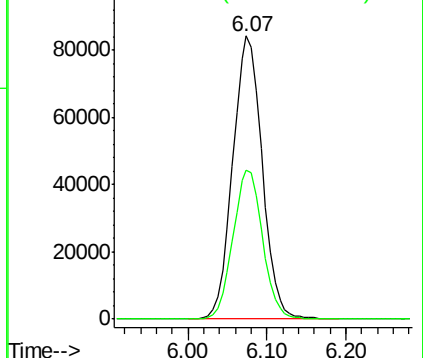
65 100

67 52.9 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001841.D

Acq: 18 May 2018 22:01

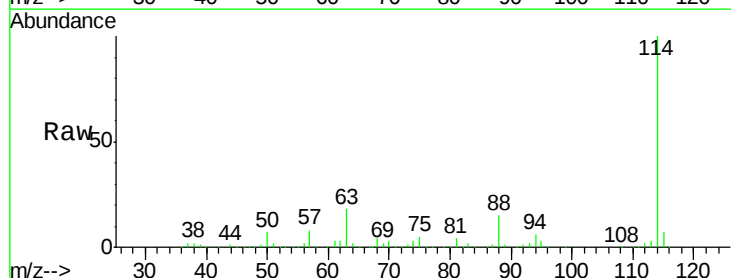
Tgt Ion: 114 Resp: 405656

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.0

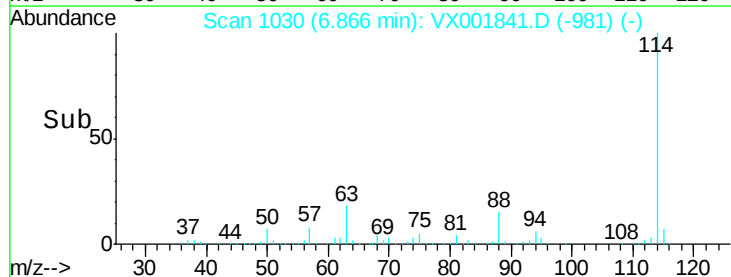
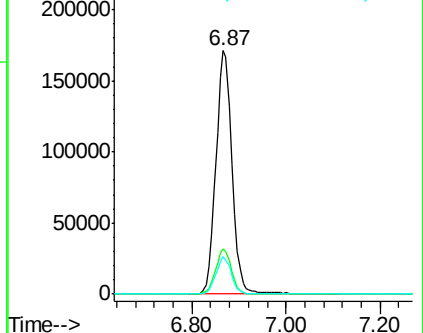
88 15.2 0.0 29.8

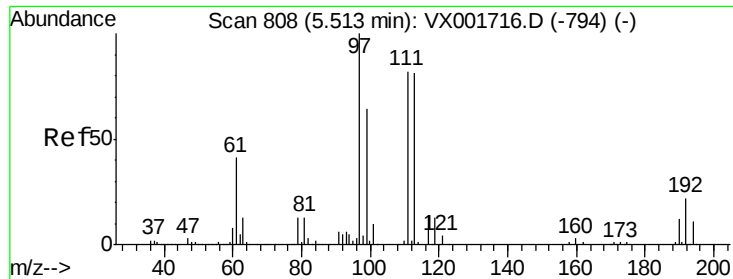


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

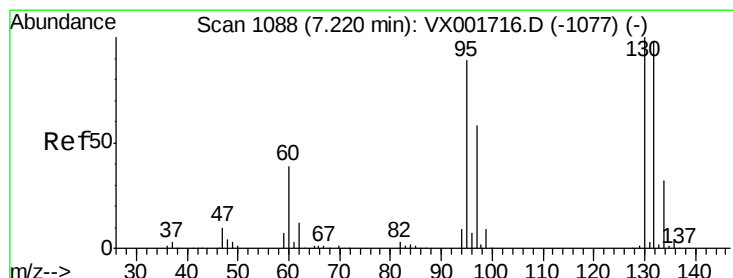
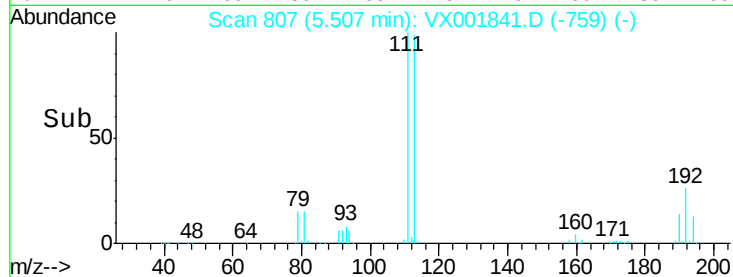
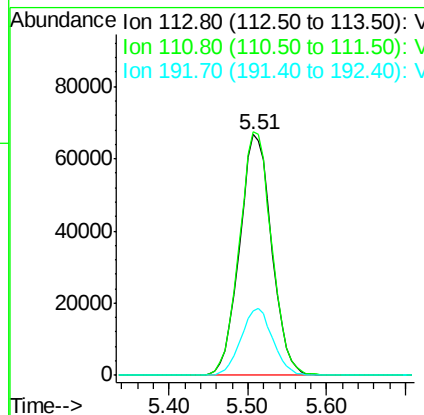
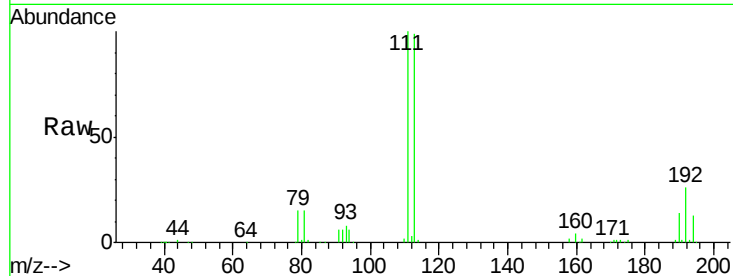




#35
Dibromofluoromethane
Concen: 55.17 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: VX001841.D
Acq: 18 May 2018 22:01

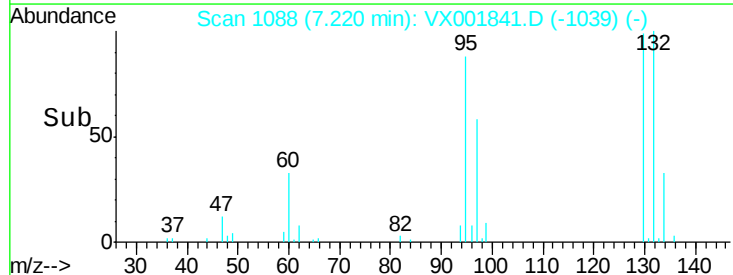
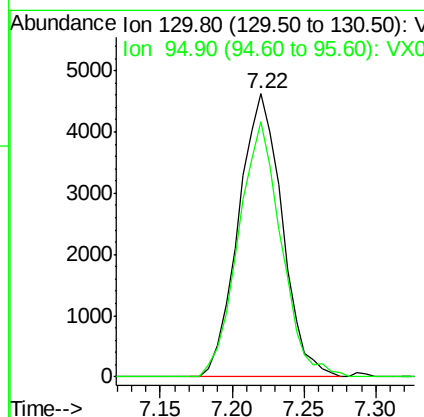
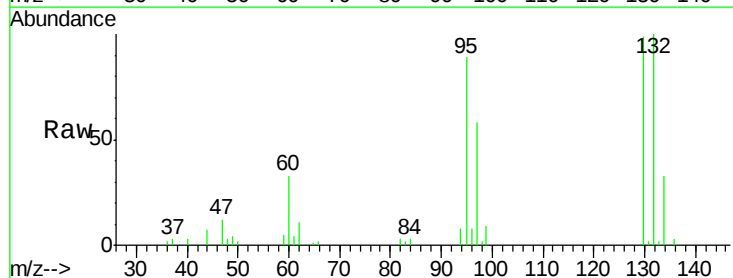
Instrument :
MSVOA_X
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SS037MW098-180514

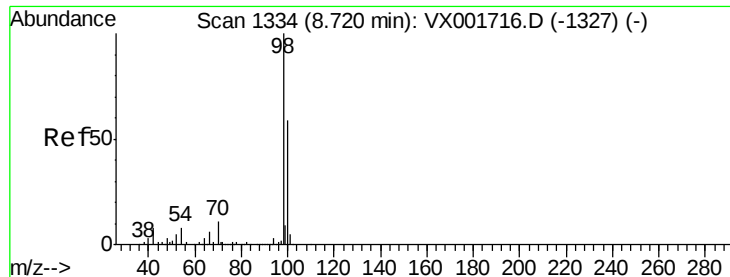
Tot Ion:113 Resp: 188857
Ion Ratio Lower Upper
113 100
111 101.5 82.0 123.0
192 27.4 21.6 32.4



#44
Trichloroethene
Concen: 2.27 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX001841.D
Acq: 18 May 2018 22:01

Tgt Ion:130 Resp: 9705
Ion Ratio Lower Upper
130 100
95 90.3 0.0 177.2





#50

Toluene-d8

Concen: 55.36 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001841.D

Acq: 18 May 2018 22:01

Instrument :

MSVOA_X

ClientSampleId :

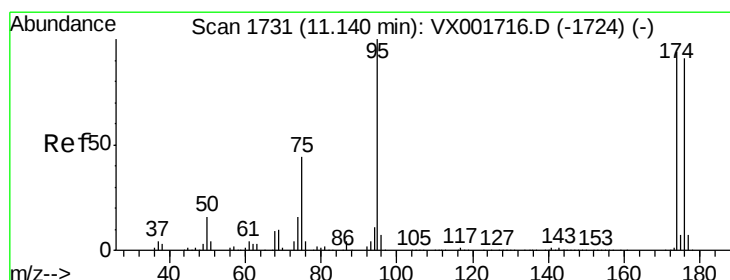
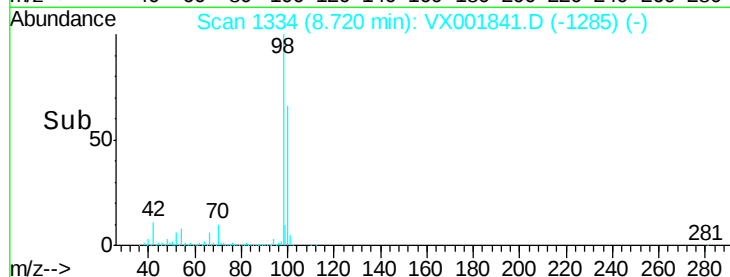
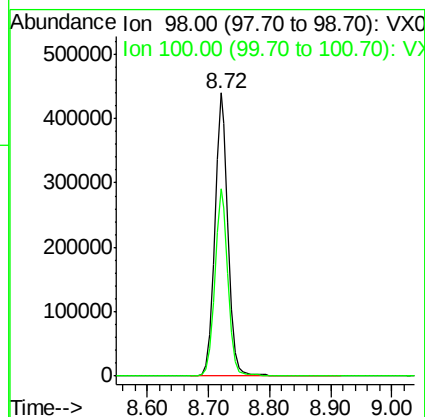
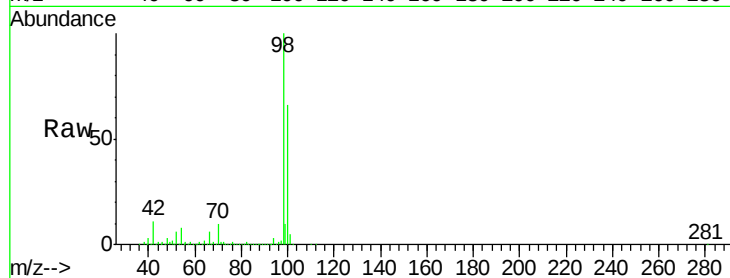
SS037MW098-180514

Tot Ion: 98 Resp: 678794

Ion Ratio Lower Upper

98 100

100 66.3 54.0 81.0



#62

4-Bromofluorobenzene

Concen: 43.95 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001841.D

Acq: 18 May 2018 22:01

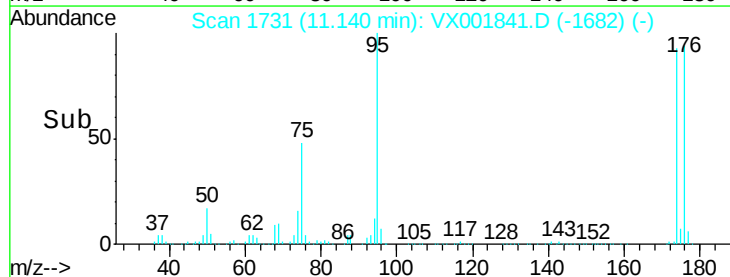
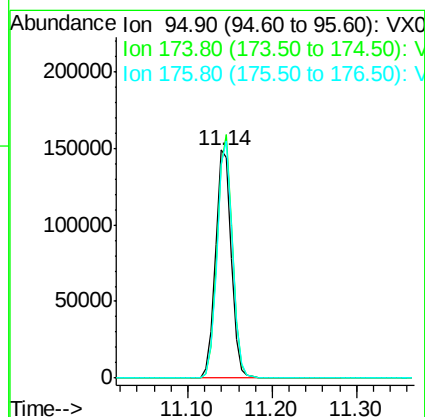
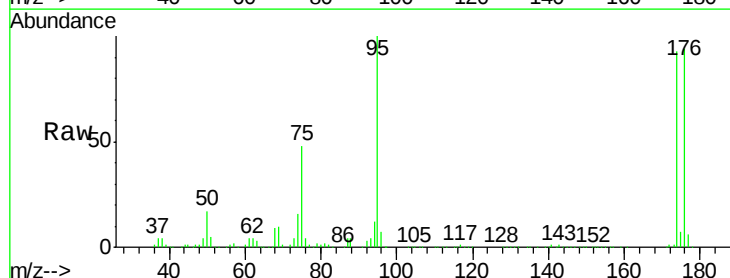
Tgt Ion: 95 Resp: 193999

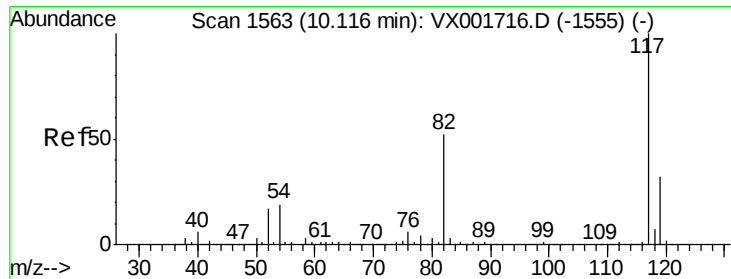
Ion Ratio Lower Upper

95 100

174 103.2 0.0 201.8

176 101.3 0.0 196.8

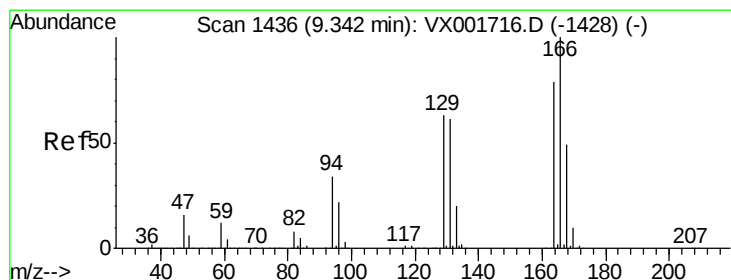
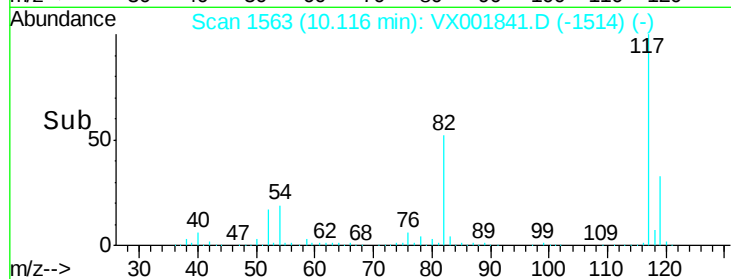
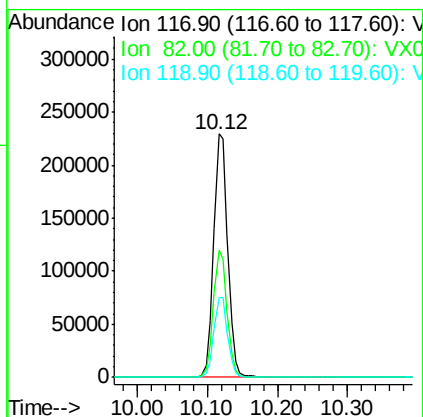
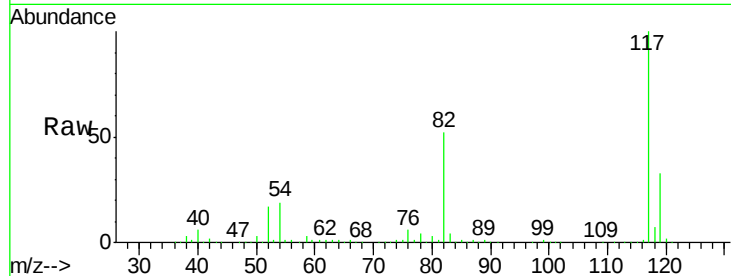




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001841.D
Acq: 18 May 2018 22:01

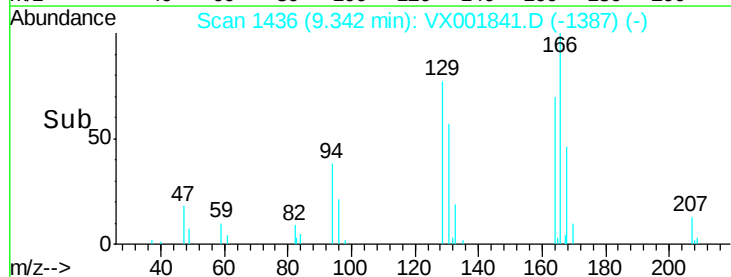
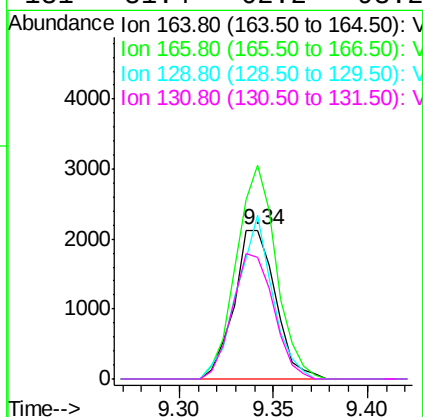
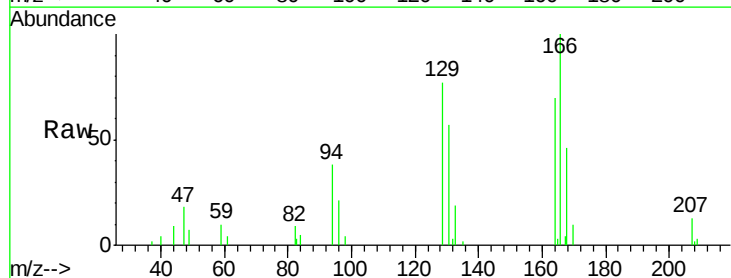
Instrument :
MSVOA_X
ClientSampleId :
SS037MW098-180514

Tot Ion:117 Resp: 320478
Ion Ratio Lower Upper
117 100
82 52.2 41.4 62.2
119 32.9 25.6 38.4



#64
Tetrachloroethene
Concen: 0.78 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001841.D
Acq: 18 May 2018 22:01

Tgt Ion:164 Resp: 3239
Ion Ratio Lower Upper
164 100
166 143.5 101.8 152.8
129 110.0 63.8 95.6#
131 81.4 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: VX001841.D

Acq: 18 May 2018 22:01

Instrument :

MSVOA_X

ClientSampleId :

SS037MW098-180514

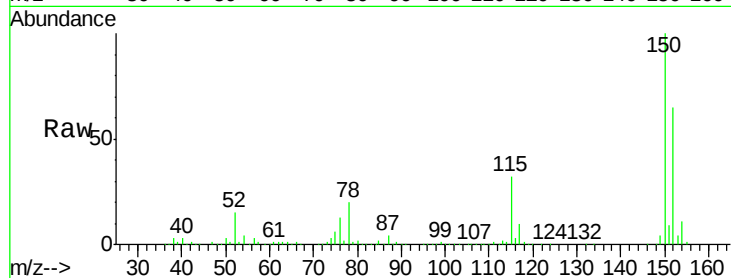
Tot Ion:152 Resp: 175057

Ion Ratio Lower Upper

152 100

115 51.6 37.4 112.2

150 155.8 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

