

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051218\
 Data File : VX001674.D
 Acq On : 12 May 2018 18:29
 Operator : JC/MD
 Sample : J2741-19DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW167-180502DL

Quant Time: May 14 07:18:59 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

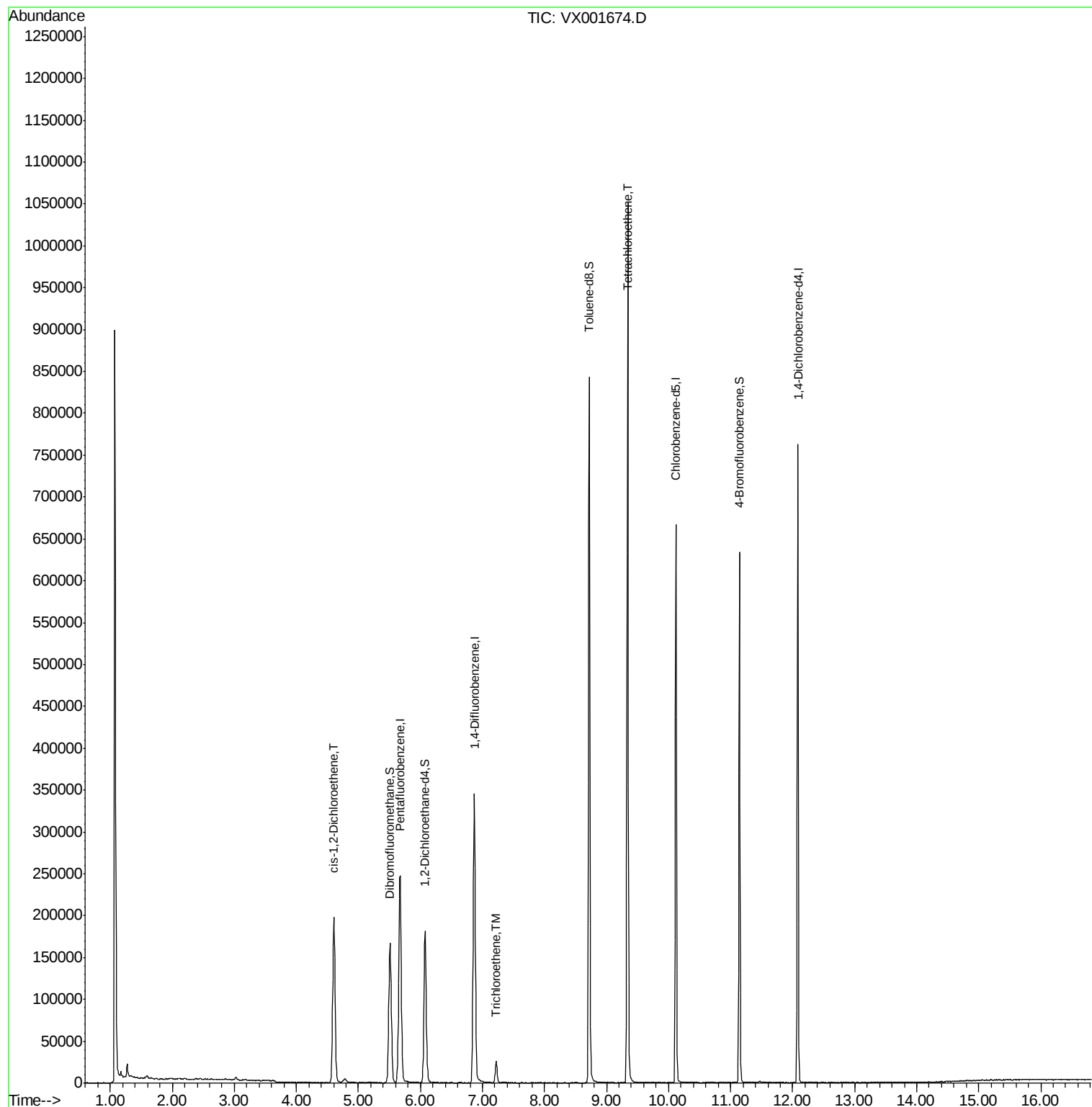
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	264056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	352989	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	314632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	167167	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	173130	45.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.24%	
35) Dibromofluoromethane	5.51	113	137331	43.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.48%	
50) Toluene-d8	8.72	98	485505	42.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.72%	
62) 4-Bromofluorobenzene	11.14	95	157518	35.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.60%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	127002	36.57	ug/l	86
44) Trichloroethene	7.22	130	10018	2.50	ug/l	93
64) Tetrachloroethene	9.34	164	230442	52.55	ug/l	99

(#) = 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: VX001674.D

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ClientSampleId :

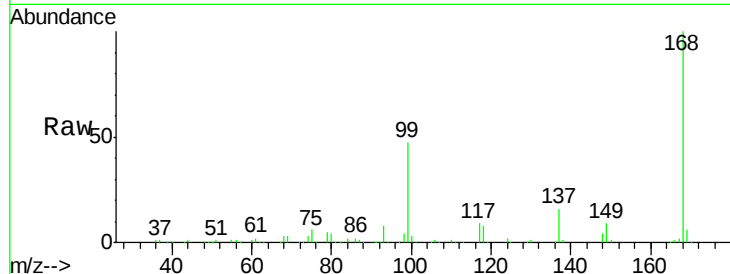
ST008MW167-180502DL

Tot Ion:168 Resp: 264056

Ion Ratio Lower Upper

168 100

99 46.9 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

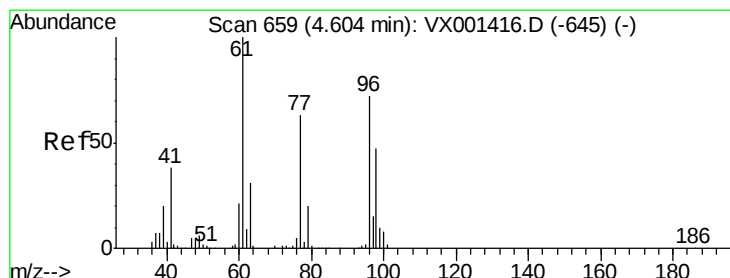
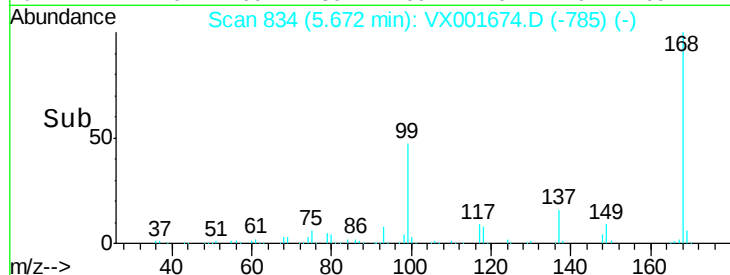
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#27

cis-1,2-Dichloroethene

Concen: 36.57 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001674.D

Acq: 12 May 2018 18:29

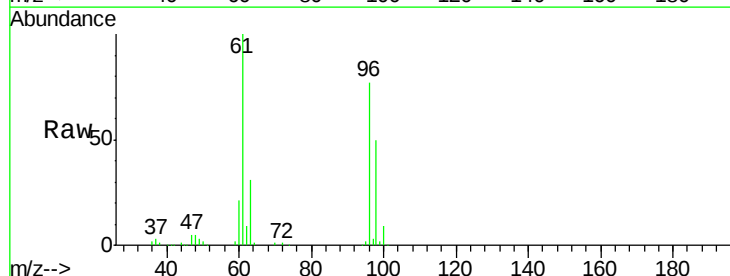
Tgt Ion: 96 Resp: 127002

Ion Ratio Lower Upper

96 100

61 126.3 0.0 301.6

98 64.7 0.0 131.6



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

4.60

80000

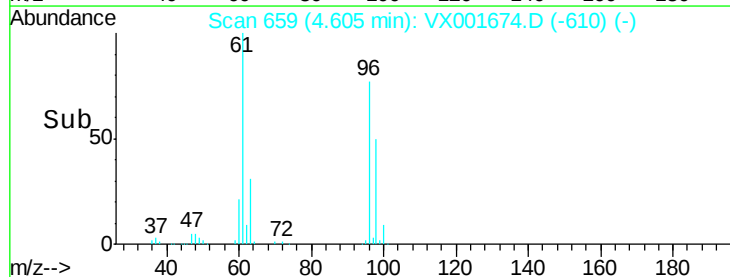
60000

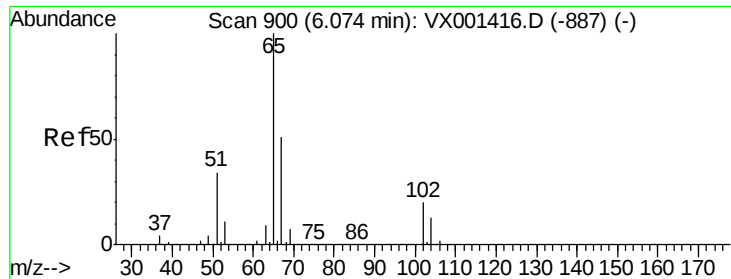
40000

20000

0

Time--> 4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 45.62 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001674.D

Acq: 12 May 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

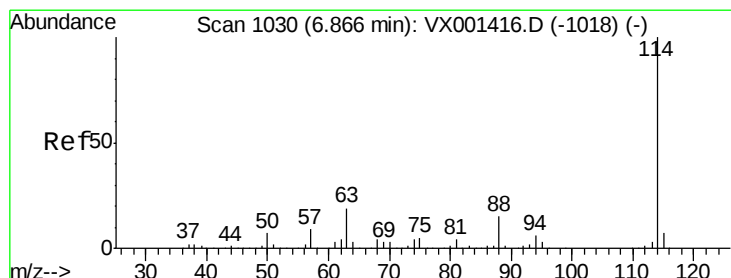
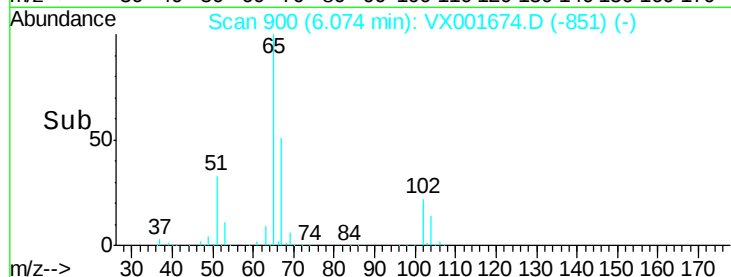
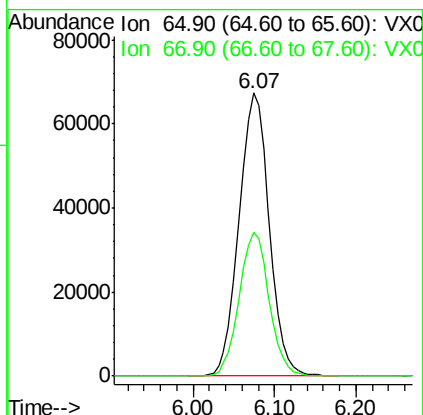
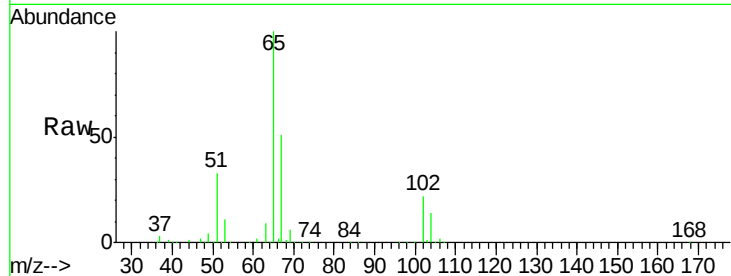
ST008MW167-180502DL

Tot Ion: 65 Resp: 173130

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001674.D

Acq: 12 May 2018 18:29

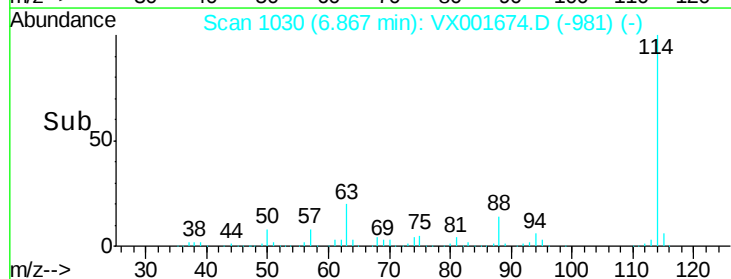
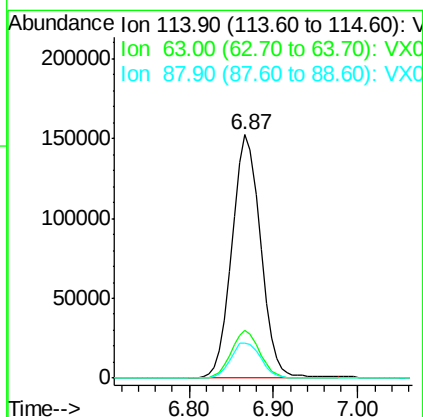
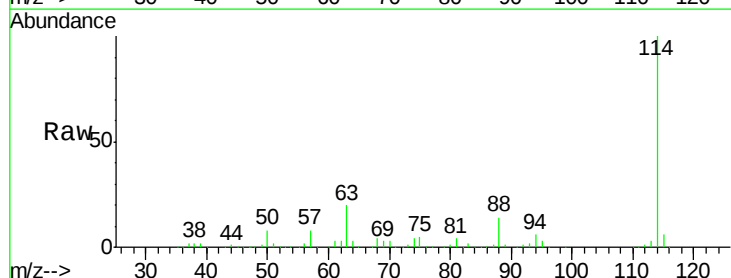
Tgt Ion: 114 Resp: 352989

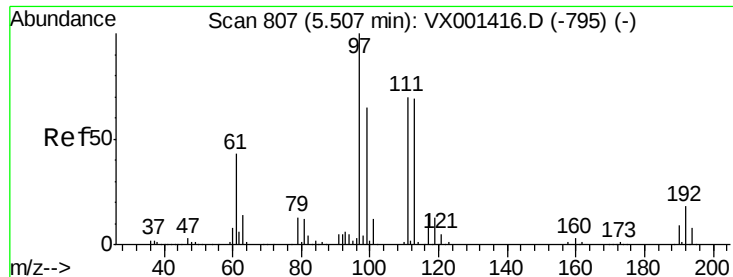
Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.6

88 14.3 0.0 30.8

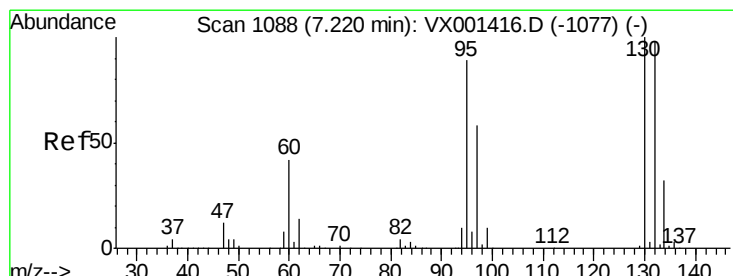
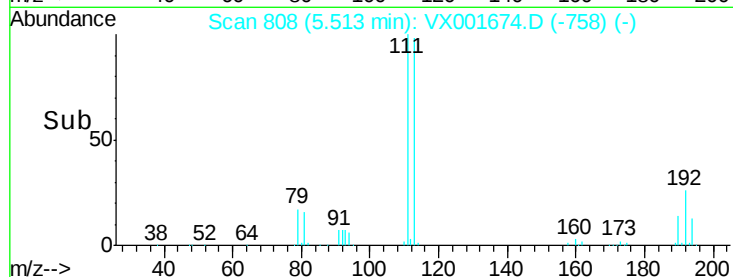
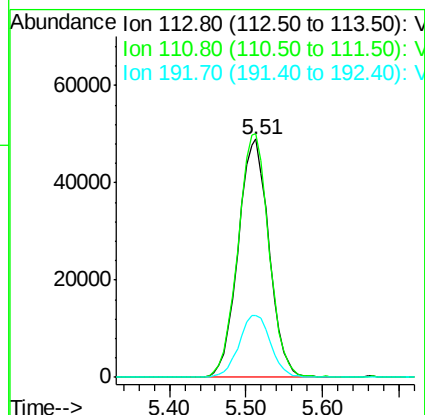
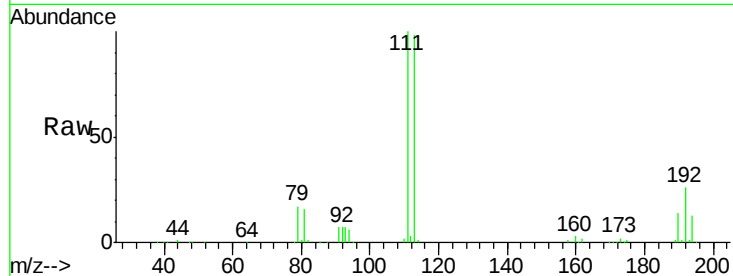




#35
Dibromofluoromethane
Concen: 43.74 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX001674.D
Acq: 12 May 2018 18:29

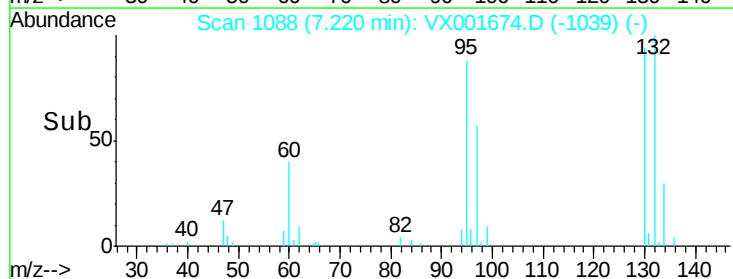
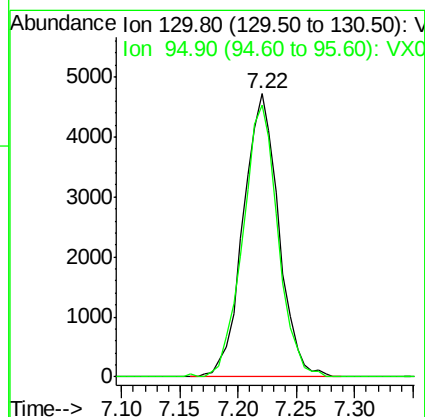
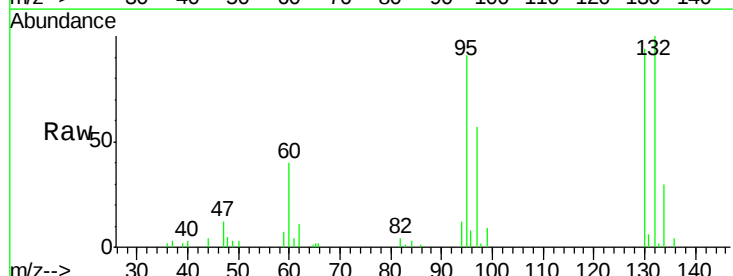
Instrument :
MSVOA_X
ClientSampleId :
ST008MW167-180502DL

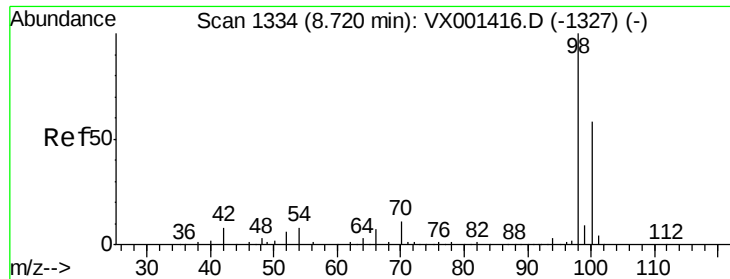
Tot Ion:113 Resp: 137331
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.2
192 26.8 21.4 32.0



#44
Trichloroethene
Concen: 2.50 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX001674.D
Acq: 12 May 2018 18:29

Tgt Ion:130 Resp: 10018
Ion Ratio Lower Upper
130 100
95 96.2 0.0 178.4





#50

Toluene-d8

Concen: 42.36 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001674.D

Acq: 12 May 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

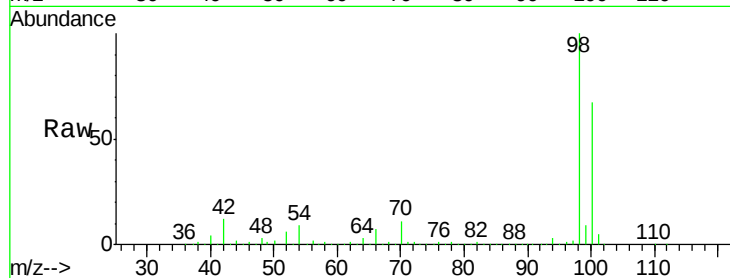
ST008MW167-180502DL

Tot Ion: 98 Resp: 485505

Ion Ratio Lower Upper

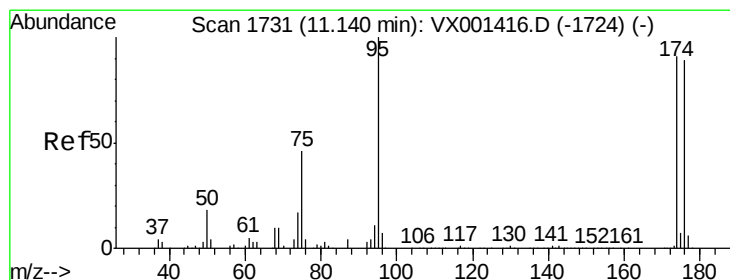
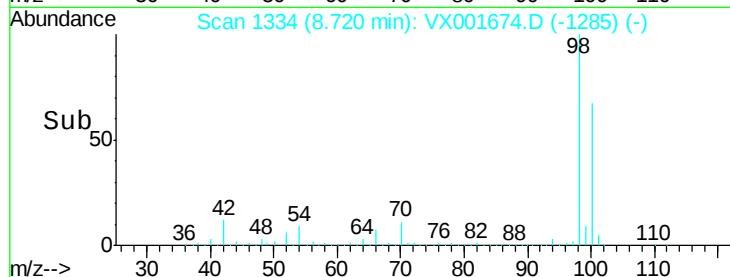
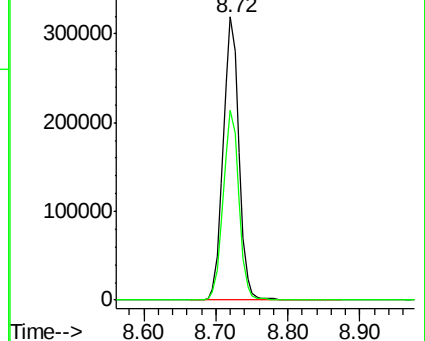
98 100

100 66.7 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 35.80 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001674.D

Acq: 12 May 2018 18:29

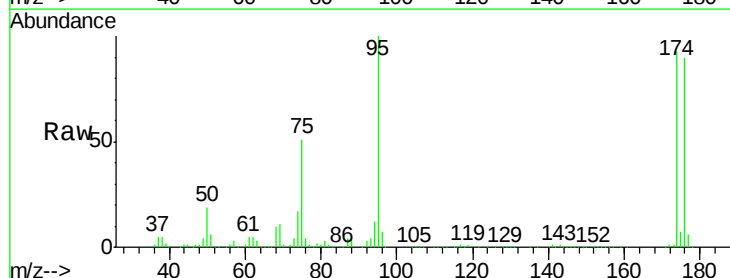
Tgt Ion: 95 Resp: 157518

Ion Ratio Lower Upper

95 100

174 101.4 0.0 202.0

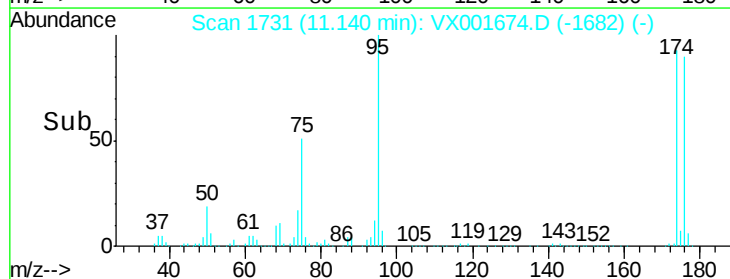
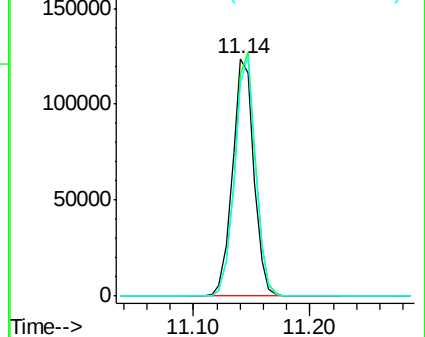
176 98.1 0.0 197.4

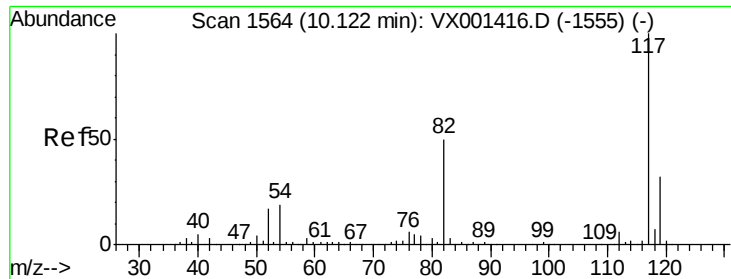


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

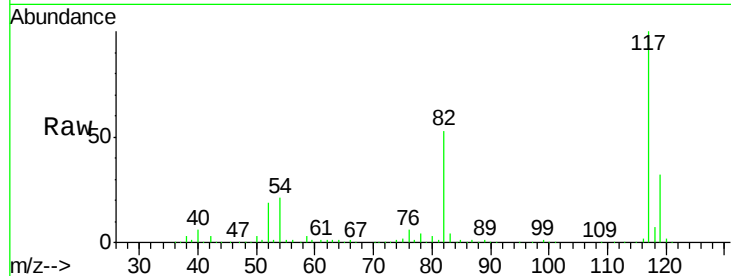




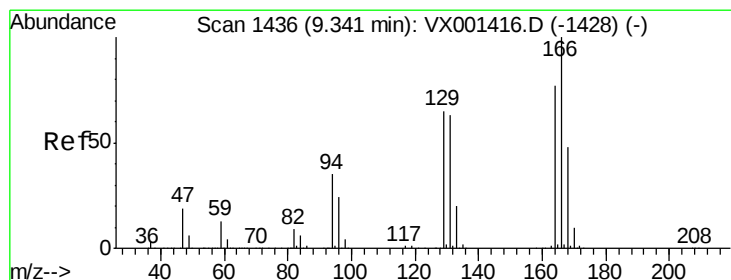
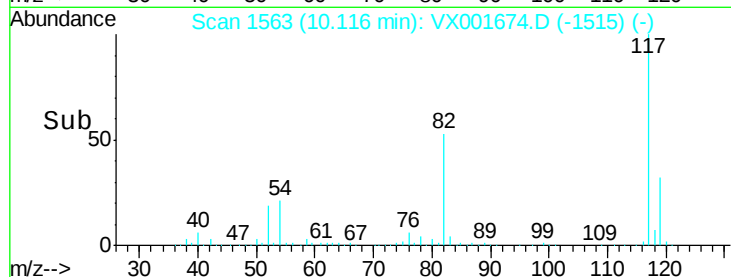
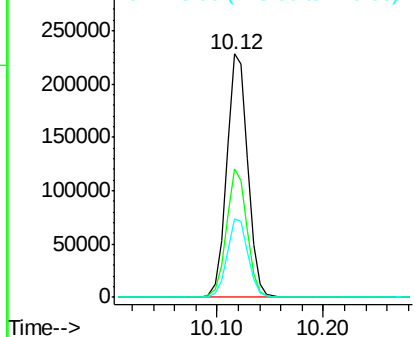
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001674.D
Acq: 12 May 2018 18:29

Instrument :
MSVOA_X
ClientSampleId :
ST008MW167-180502DL

Tot Ion:117 Resp: 314632
Ion Ratio Lower Upper
117 100
82 52.6 40.0 60.0
119 32.1 25.8 38.8

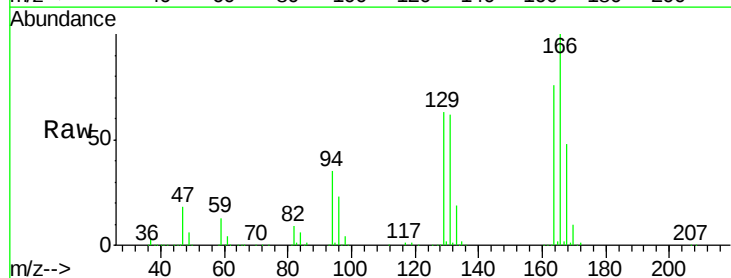


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

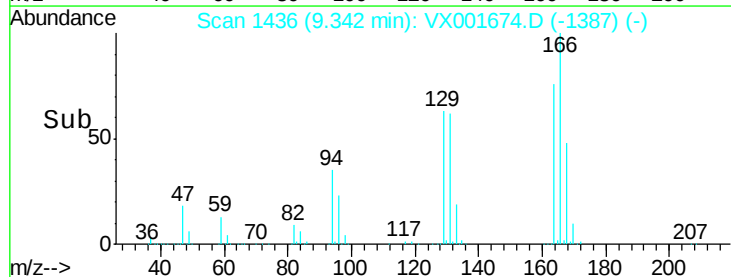
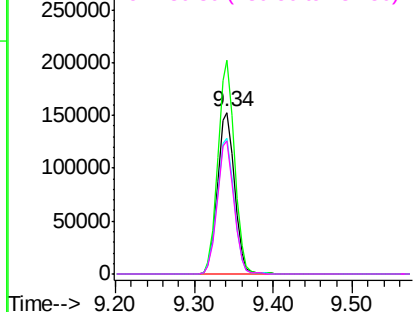


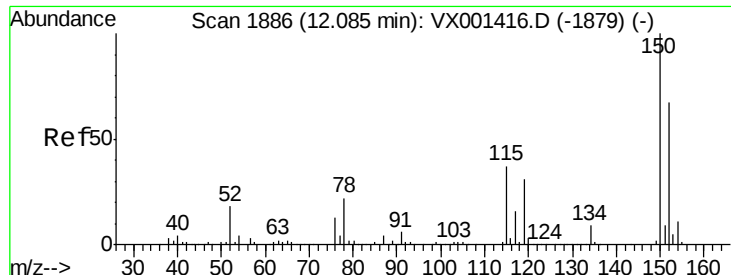
#64
Tetrachloroethene
Concen: 52.55 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001674.D
Acq: 12 May 2018 18:29

Tgt Ion:164 Resp: 230442
Ion Ratio Lower Upper
164 100
166 132.2 103.5 155.3
129 83.7 66.7 100.1
131 82.1 64.9 97.3



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: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001674.D

Acq: 12 May 2018 18:29

Instrument :

MSVOA_X

ClientSampleId :

ST008MW167-180502DL

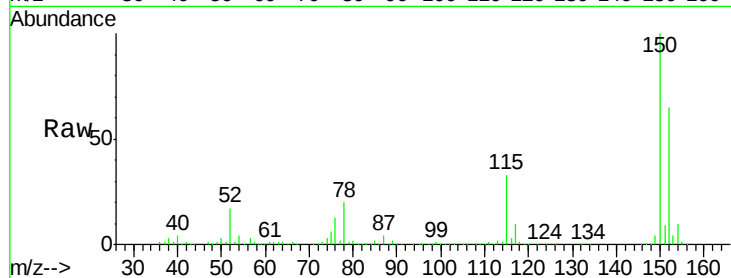
Tot Ion:152 Resp: 167167

Ion Ratio Lower Upper

152 100

115 51.9 37.7 113.1

150 156.8 0.0 349.4



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

