

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003826.D
 Acq On : 10 Jul 2018 15:40
 Operator : SY/AP
 Sample : J3874-01
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-MCMaster-PH4-5(0-

Quant Time: Jul 10 16:24:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

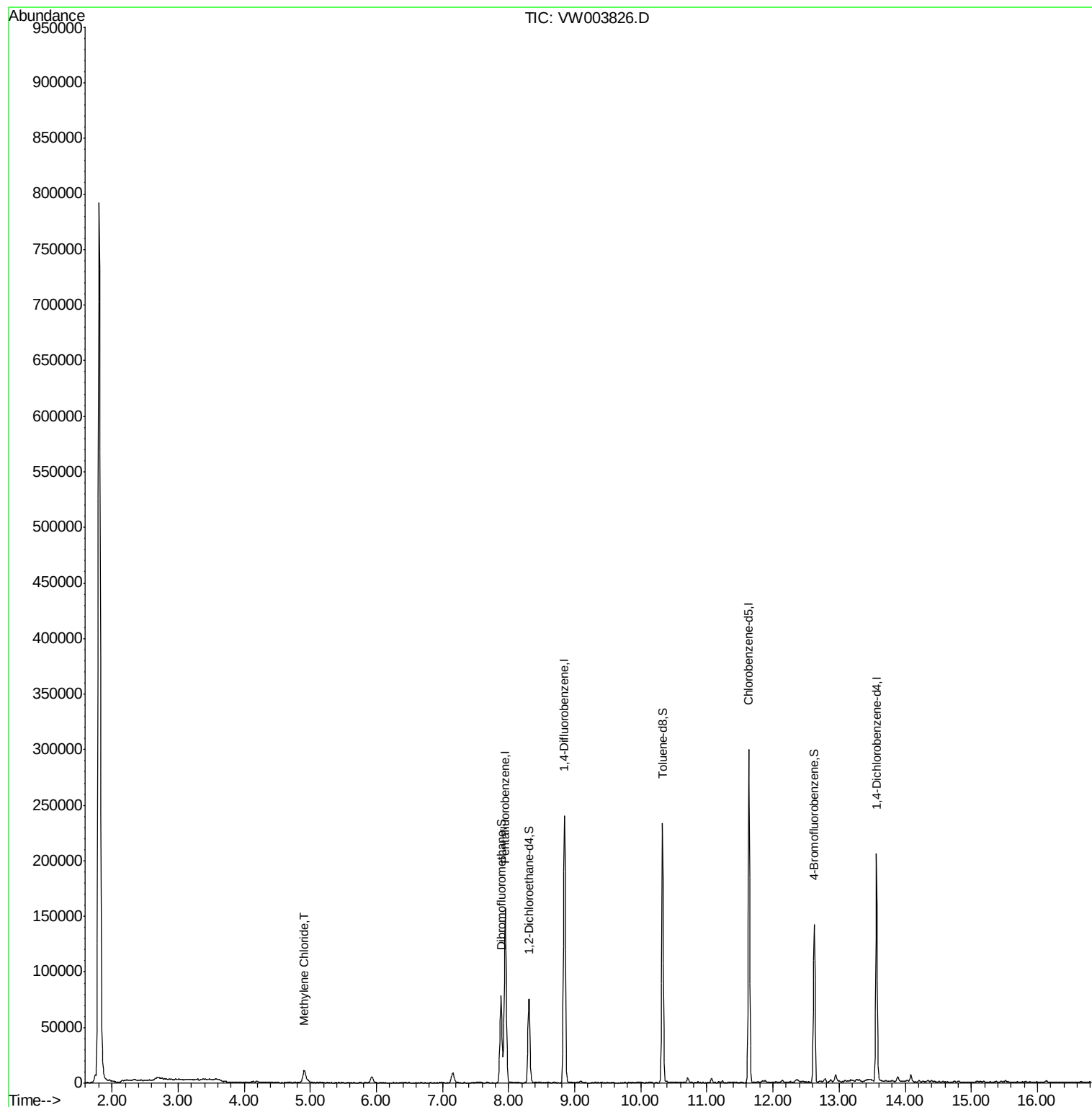
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	111419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	191064	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	156584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	51903	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	63072	43.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.58%	
35) Dibromofluoromethane	7.88	113	53040	39.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.32%	
50) Toluene-d8	10.33	98	149120	29.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.30%	
62) 4-Bromofluorobenzene	12.63	95	40572	21.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	43.84%	
Target Compounds						
20) Methylene Chloride	4.90	84	8898	3.11	ug/l	Qvalue 95

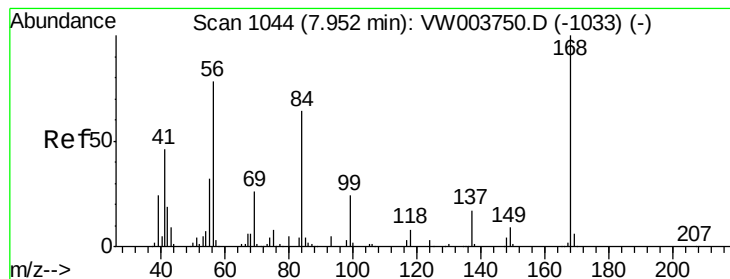
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 07 05:07:25 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003826.D

Acq: 10 Jul 2018 15:40

Instrument :

MSVOA_W

ClientSampleId :

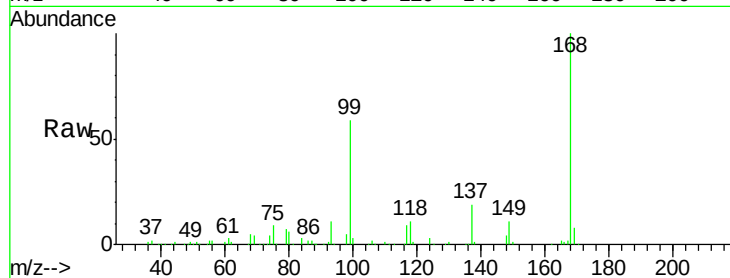
2018-NYSEG-MCMaster-PH4-5(0-

Tot Ion:168 Resp: 111419

Ion Ratio Lower Upper

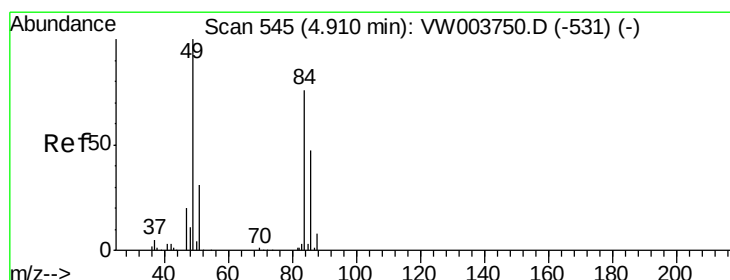
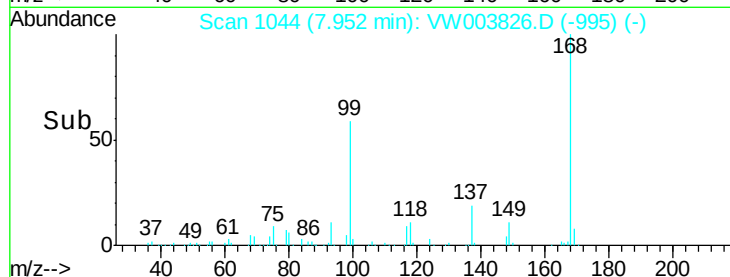
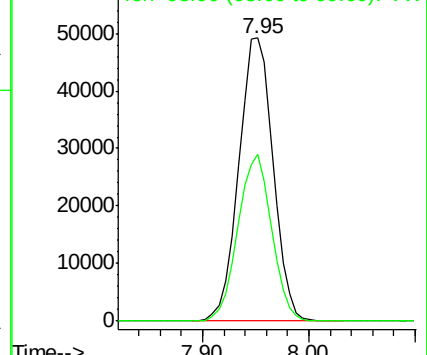
168 100

99 58.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 3.11 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW003826.D

Acq: 10 Jul 2018 15:40

Tgt Ion: 84 Resp: 8898

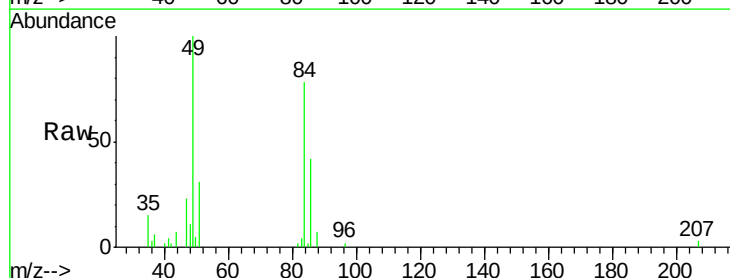
Ion Ratio Lower Upper

84 100

49 127.6 105.1 157.7

51 39.0 32.5 48.7

86 53.1 49.8 74.6

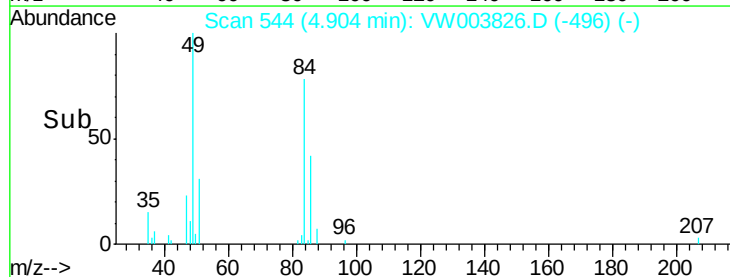
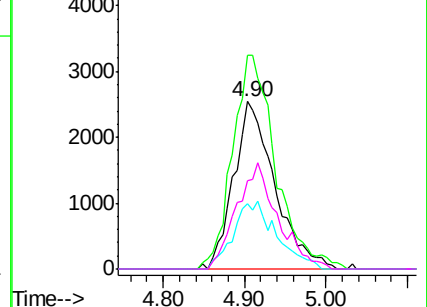


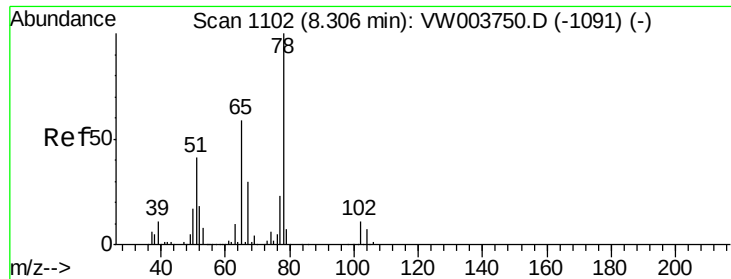
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

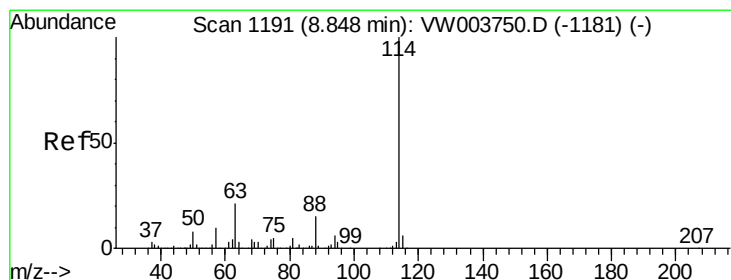
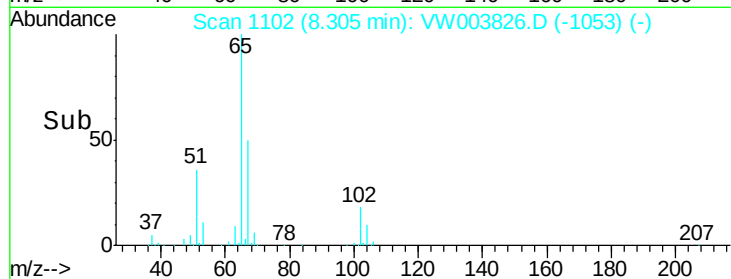
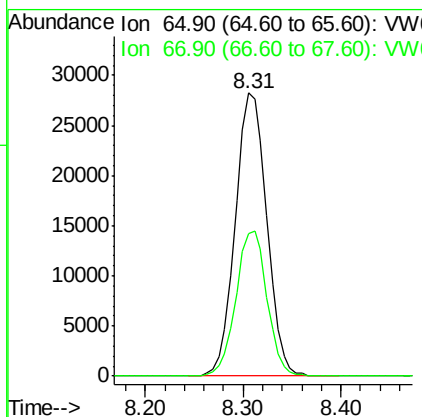
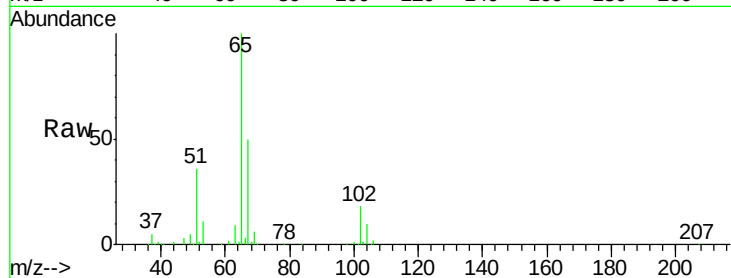




#33
 1,2-Dichloroethane-d4
 Concen: 43.29 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003826.D
 Acq: 10 Jul 2018 15:40

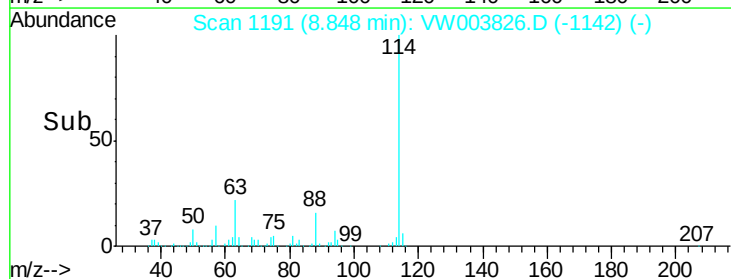
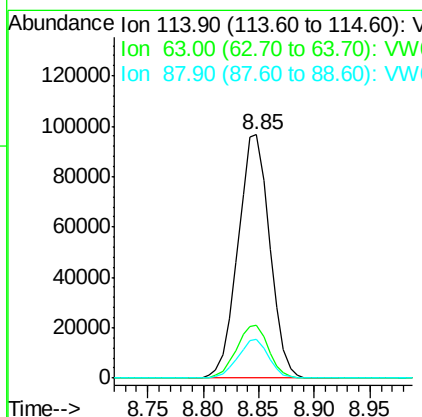
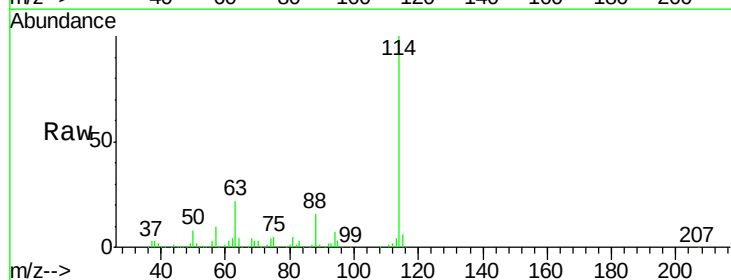
Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-MCMaster-PH4-5(0-

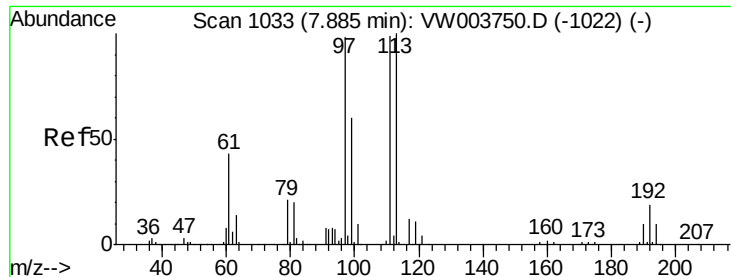
Tot Ion: 65 Resp: 63072
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003826.D
 Acq: 10 Jul 2018 15:40

Tgt Ion: 114 Resp: 191064
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 41.8
 88 15.8 0.0 30.2

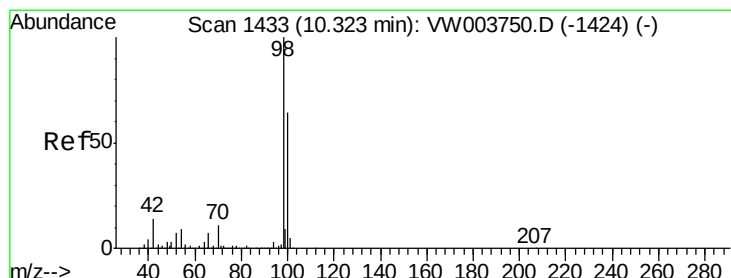
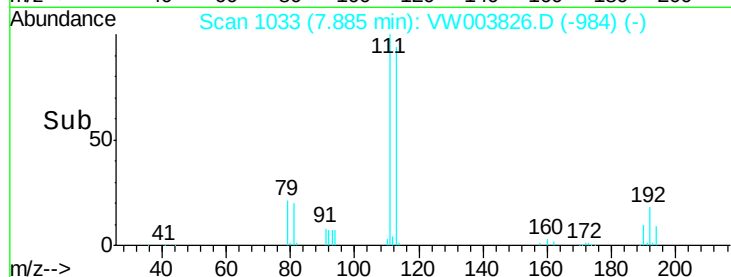
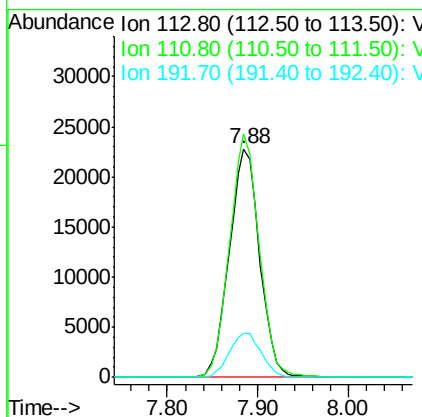
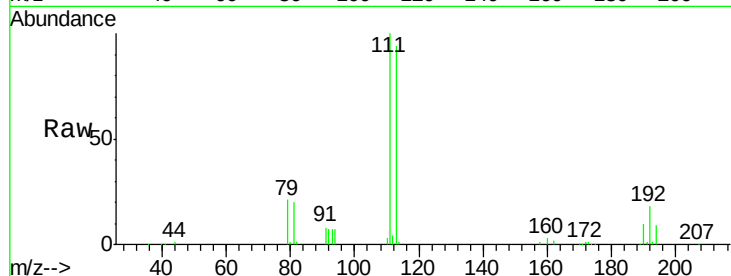




#35
Dibromofluoromethane
Concen: 39.66 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW003826.D
Acq: 10 Jul 2018 15:40

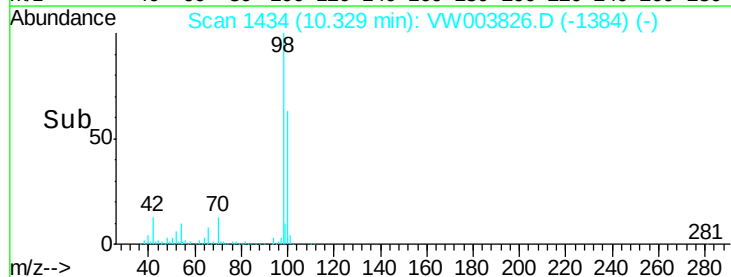
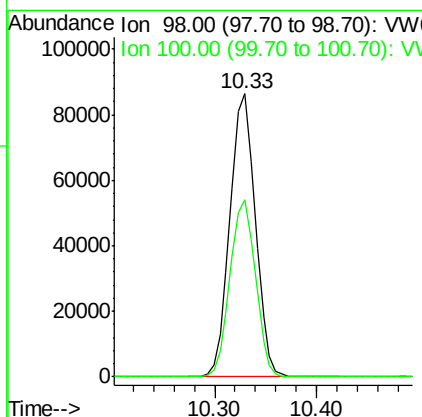
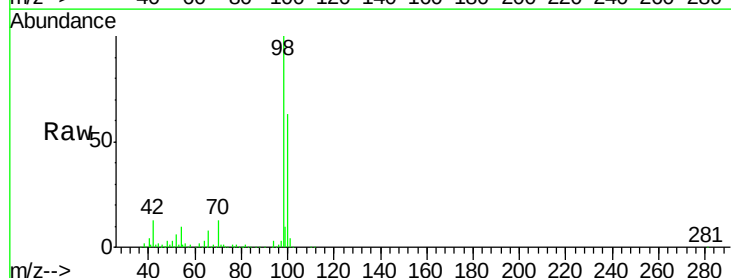
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-MCMaster-PH4-5(0-

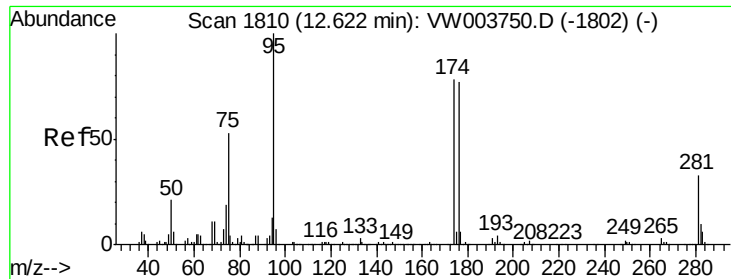
Tot Ion:113 Resp: 53040
Ion Ratio Lower Upper
113 100
111 103.9 81.7 122.5
192 20.1 15.8 23.8



#50
Toluene-d8
Concen: 29.15 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VW003826.D
Acq: 10 Jul 2018 15:40

Tgt Ion: 98 Resp: 149120
Ion Ratio Lower Upper
98 100
100 62.4 50.8 76.2





#62

4-Bromofluorobenzene

Concen: 21.92 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW003826.D

Acq: 10 Jul 2018 15:40

Instrument :

MSVOA_W

ClientSampleId :

2018-NYSEG-MCMaster-PH4-5(0-

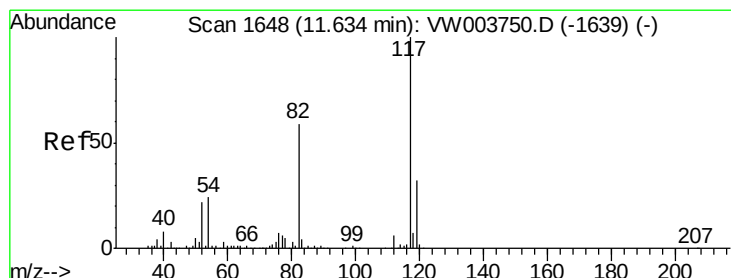
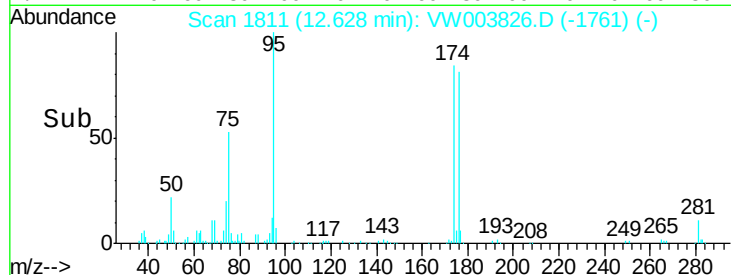
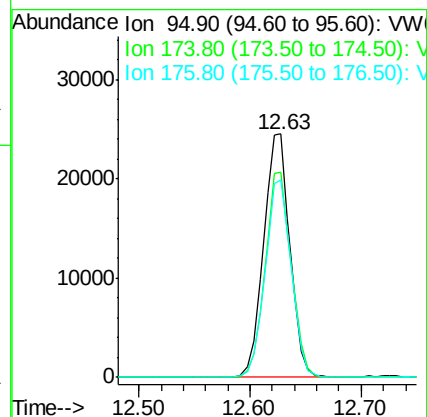
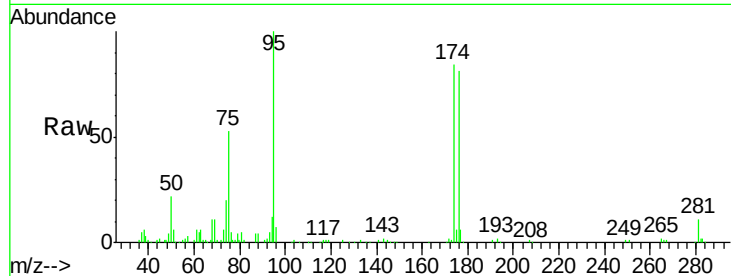
Tot Ion: 95 Resp: 40572

Ion Ratio Lower Upper

95 100

174 83.6 0.0 163.4

176 80.2 0.0 156.8



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VW003826.D

Acq: 10 Jul 2018 15:40

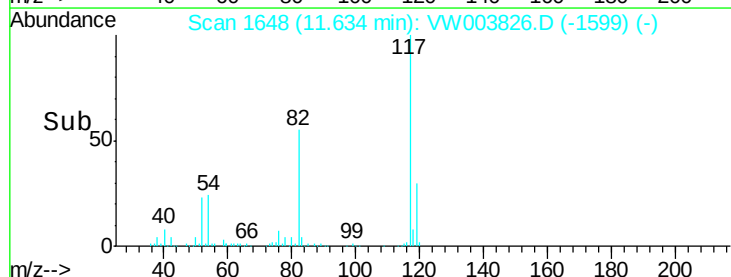
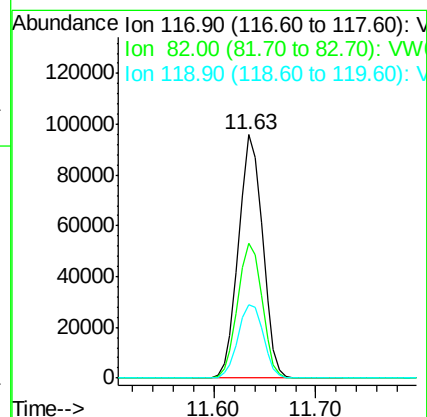
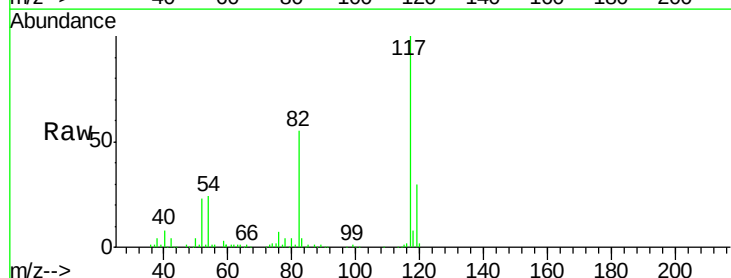
Tgt Ion: 117 Resp: 156584

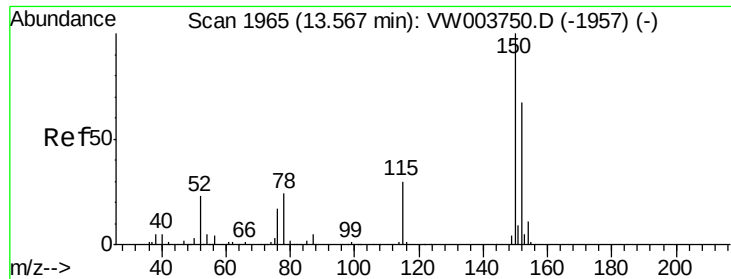
Ion Ratio Lower Upper

117 100

82 55.2 46.9 70.3

119 30.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003826.D

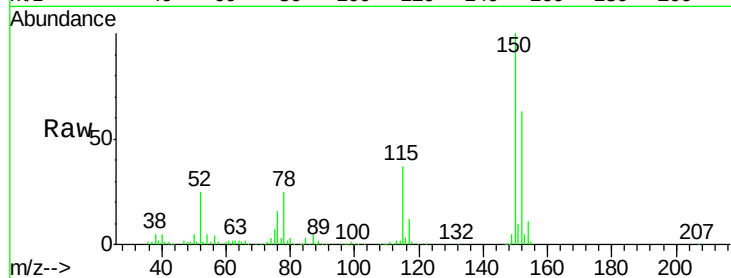
Acq: 10 Jul 2018 15:40

Instrument :

MSVOA_W

ClientSampleId :

2018-NYSEG-MCMaster-PH4-5(0-



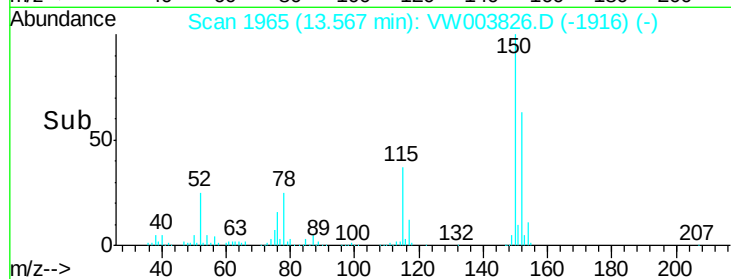
Tot Ion:152 Resp: 51903

Ion Ratio Lower Upper

152 100

115 58.1 28.9 86.8

150 155.2 0.0 342.4



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

