

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070918\
 Data File : VW003779.D
 Acq On : 09 Jul 2018 16:00
 Operator : SY/AP
 Sample : J3874-01
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Jul 09 16:54:59 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

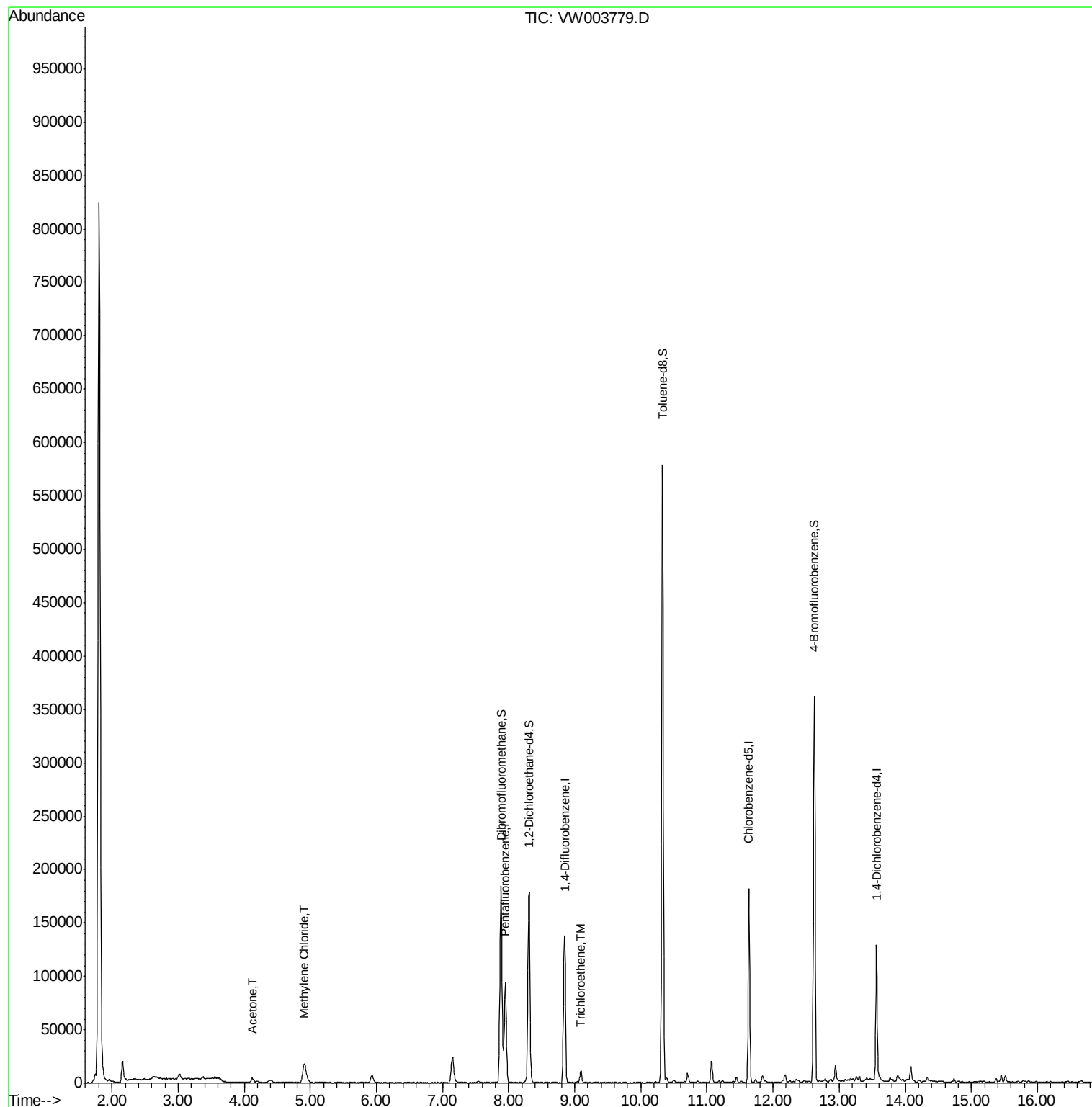
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	68269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	111324	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	94048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	32080	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	141959	159.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	318.02%	
35) Dibromofluoromethane	7.88	113	127472	163.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	327.22%	
50) Toluene-d8	10.33	98	374815	125.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	251.52%	
62) 4-Bromofluorobenzene	12.62	95	105686	98.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	196.02%	
Target Compounds						
16) Acetone	4.12	43	6759	43.637	ug/l	99
20) Methylene Chloride	4.91	84	15992	18.416	ug/l	98
44) Trichloroethene	9.10	130	3412	4.008	ug/l	76

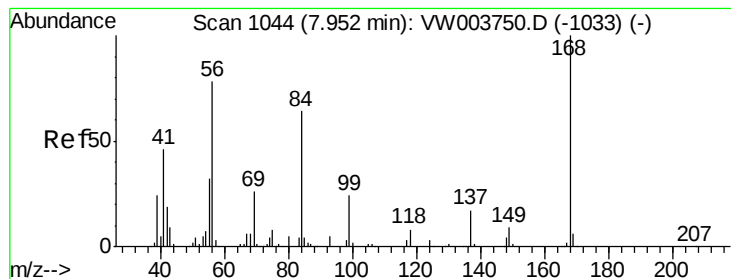
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003779.D

Acq: 09 Jul 2018 16:00

Instrument :

MSVOA_W

ClientSampleId :

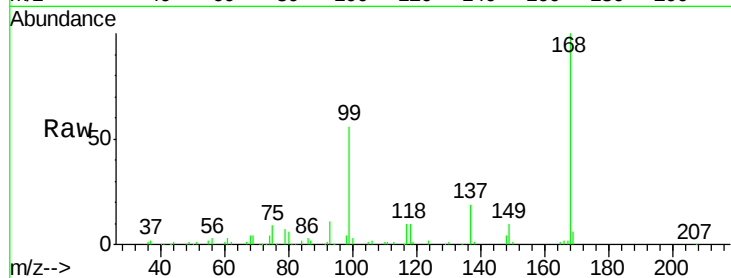
2018-NYSEG-MCMaster-PH4-5(0-

Tot Ion:168 Resp: 68269

Ion Ratio Lower Upper

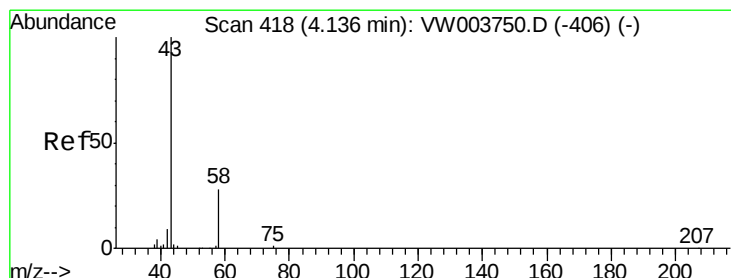
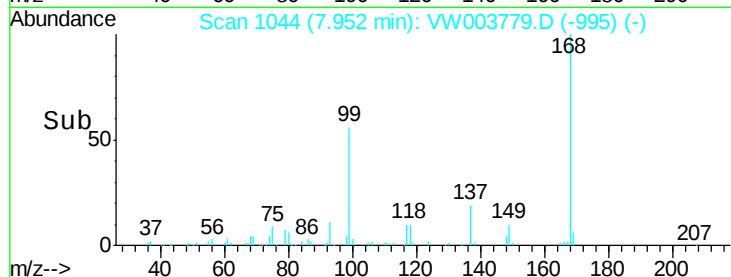
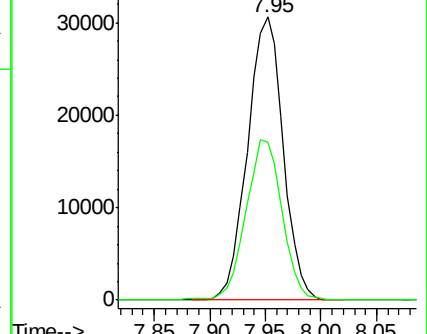
168 100

99 55.8 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 43.637 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.01 min

Lab File: VW003779.D

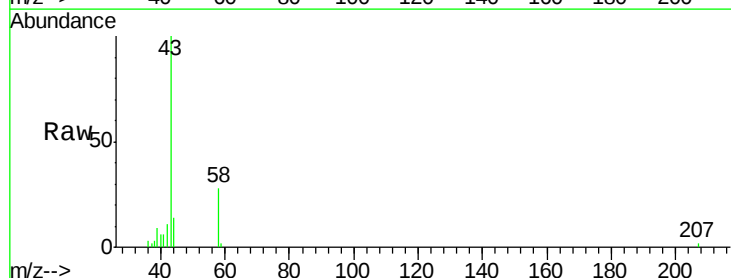
Acq: 09 Jul 2018 16:00

Tgt Ion: 43 Resp: 6759

Ion Ratio Lower Upper

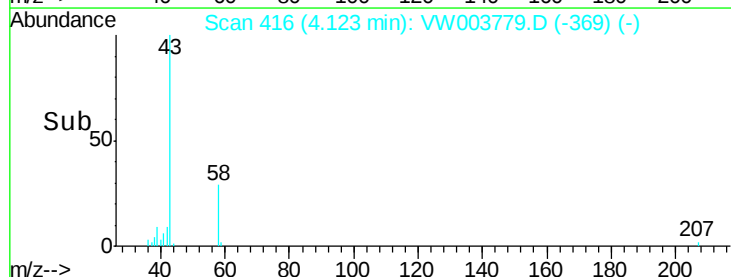
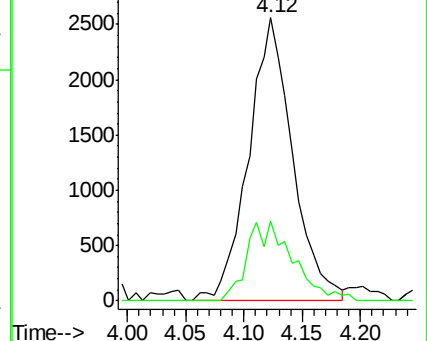
43 100

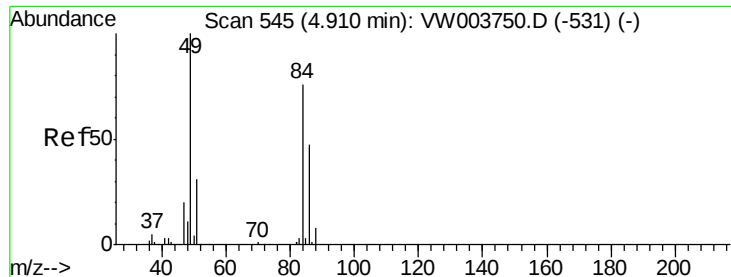
58 28.0 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

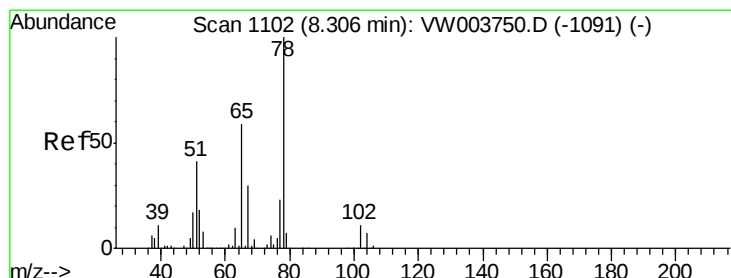
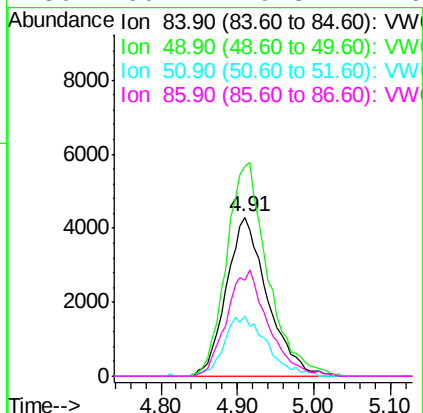
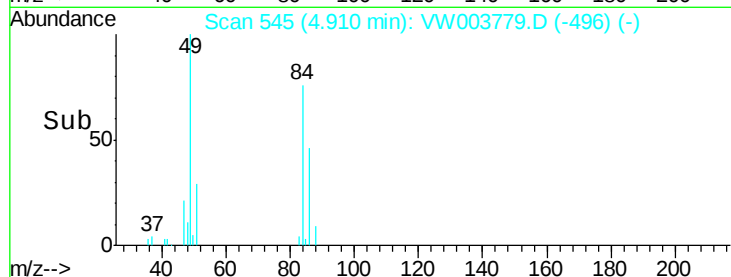
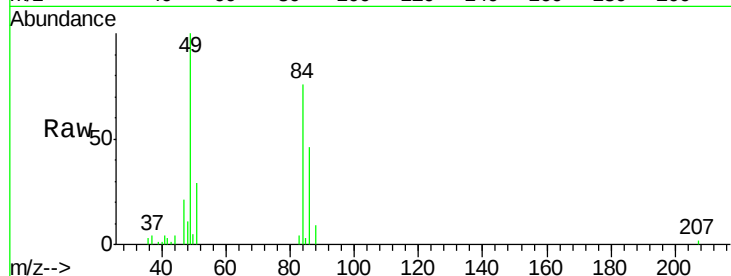




#20
Methvlene Chloride
Concen: 18.416 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003779.D
Acq: 09 Jul 2018 16:00

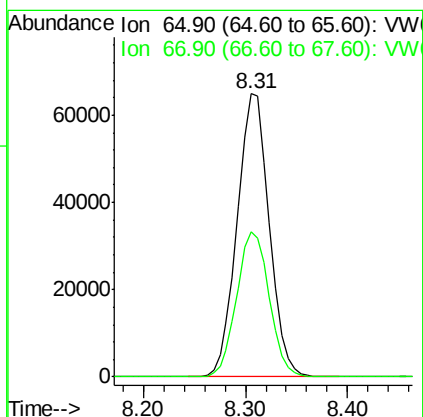
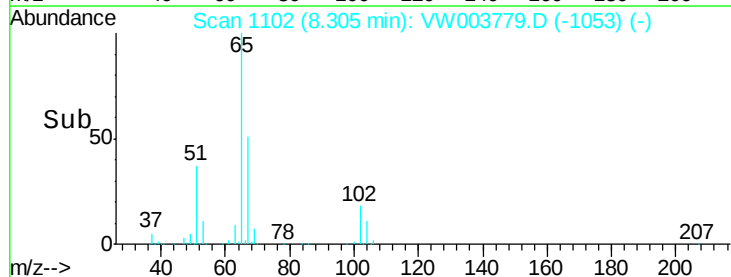
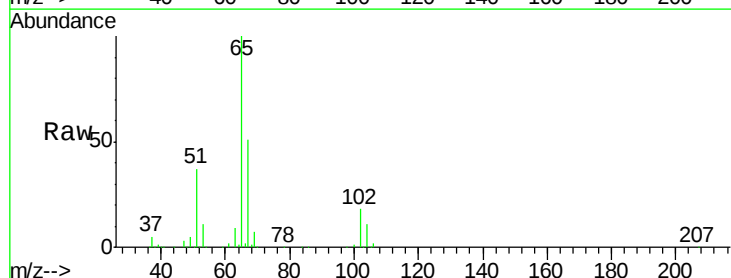
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-MCMaster-PH4-5(0-

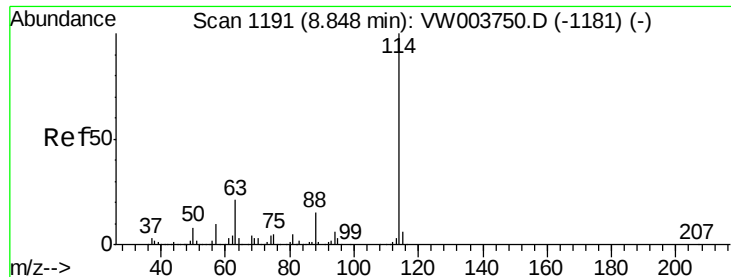
Tot Ion: 84 Resp: 15992
Ion Ratio Lower Upper
84 100
49 131.9 105.1 157.7
51 37.9 32.5 48.7
86 60.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 159.010 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW003779.D
Acq: 09 Jul 2018 16:00

Tgt Ion: 65 Resp: 141959
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.8

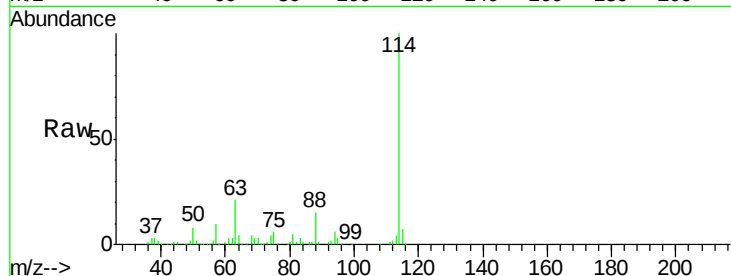




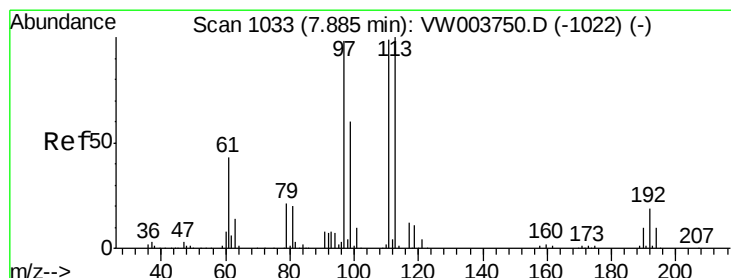
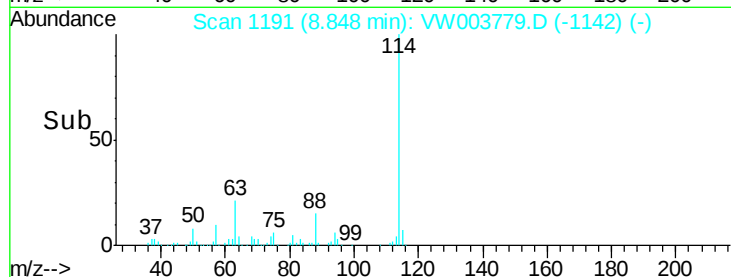
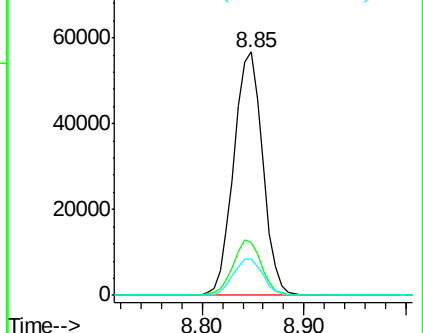
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003779.D
 Acq: 09 Jul 2018 16:00

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

Tot Ion:114 Resp: 111324
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 41.8
 88 14.8 0.0 30.2

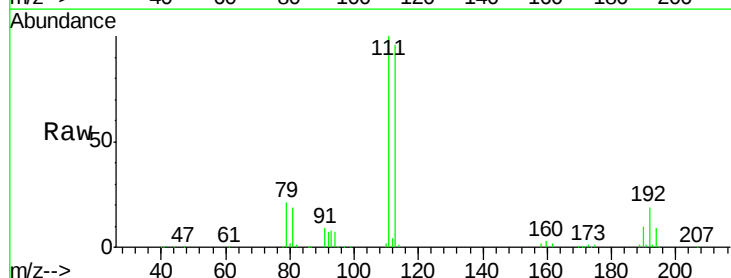


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

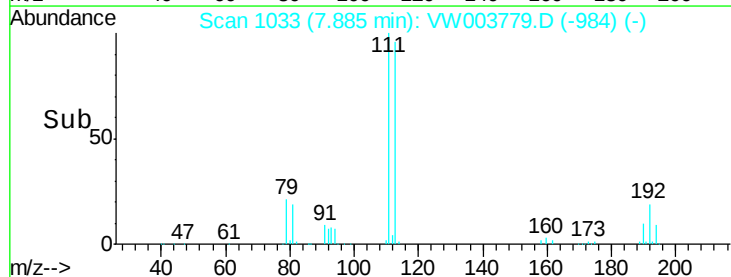
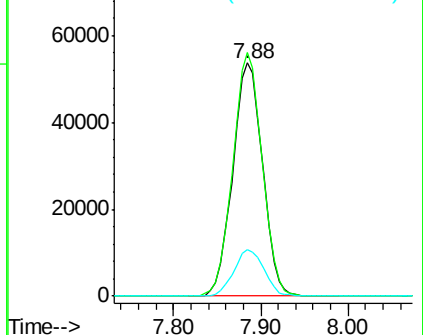


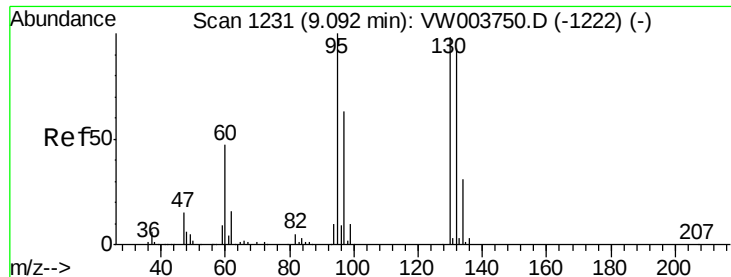
#35
 Dibromofluoromethane
 Concen: 163.606 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003779.D
 Acq: 09 Jul 2018 16:00

Tgt Ion:113 Resp: 127472
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.7 122.5
 192 20.2 15.8 23.8



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: 4.008 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VW003779.D

Acq: 09 Jul 2018 16:00

Instrument :

MSVOA_W

ClientSampleId :

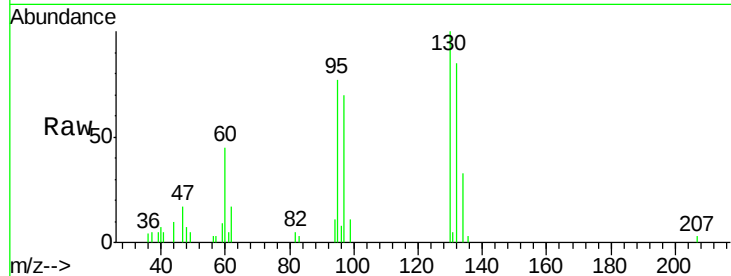
2018-NYSEG-MCMaster-PH4-5(0-

Tot Ion:130 Resp: 3412

Ion Ratio Lower Upper

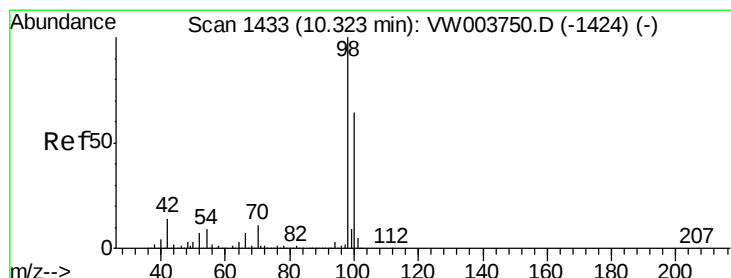
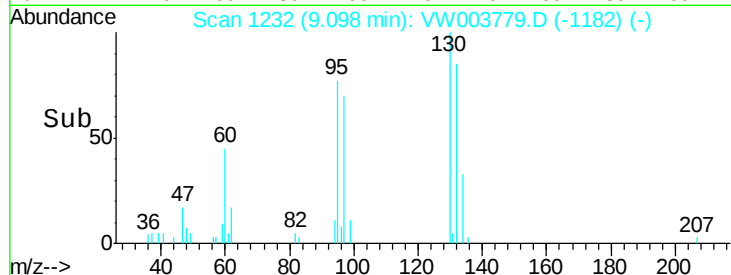
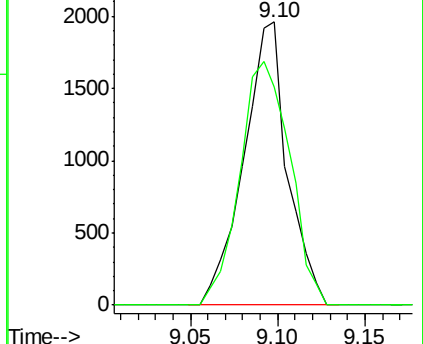
130 100

95 77.2 0.0 203.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW



#50

Toluene-d8

Concen: 125.761 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003779.D

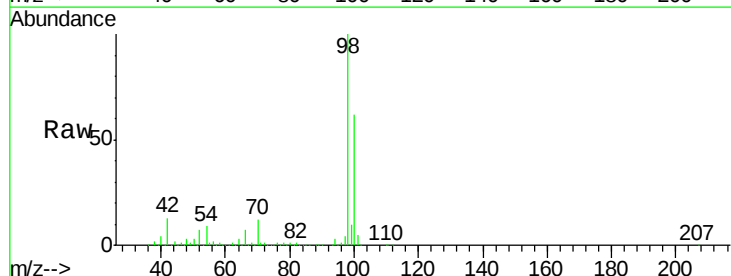
Acq: 09 Jul 2018 16:00

Tgt Ion: 98 Resp: 374815

Ion Ratio Lower Upper

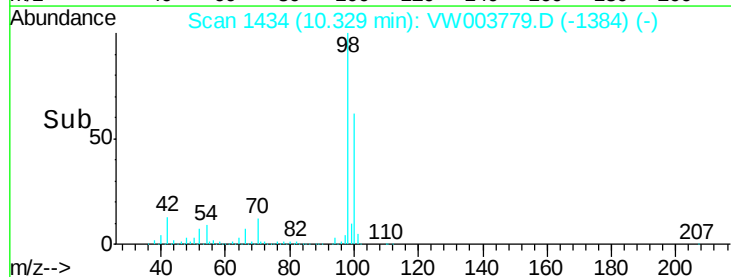
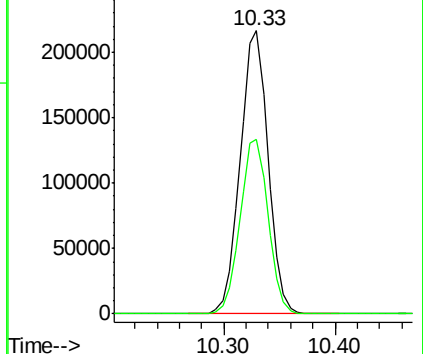
98 100

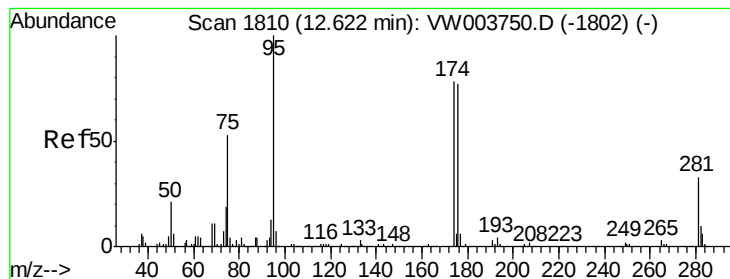
100 62.4 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 98.007 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW003779.D

Acq: 09 Jul 2018 16:00

Instrument :

MSVOA_W

ClientSampleId :

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

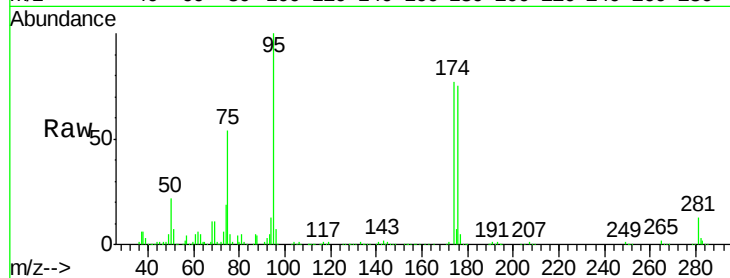
Tot Ion: 95 Resp: 105686

Ion Ratio Lower Upper

95 100

174 81.5 0.0 163.4

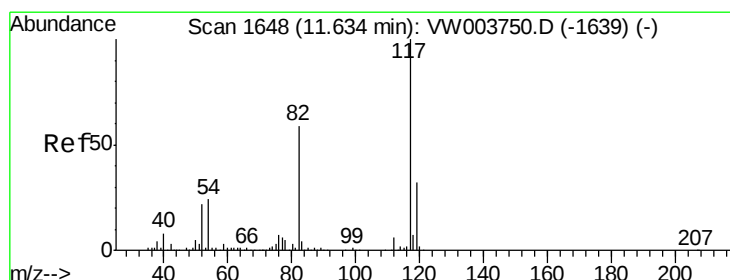
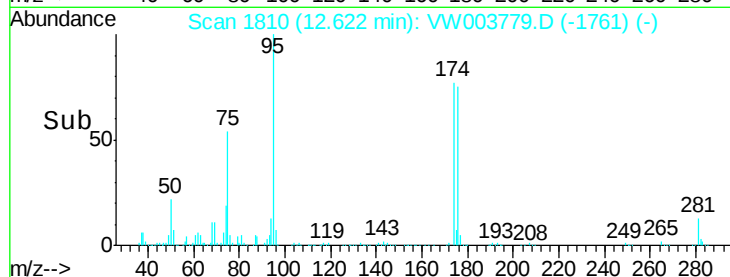
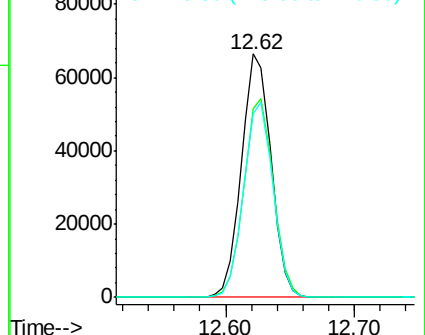
176 79.3 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VW003779.D

Acq: 09 Jul 2018 16:00

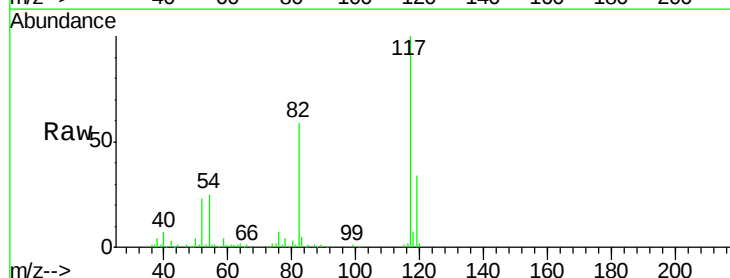
Tgt Ion: 117 Resp: 94048

Ion Ratio Lower Upper

117 100

82 58.9 46.9 70.3

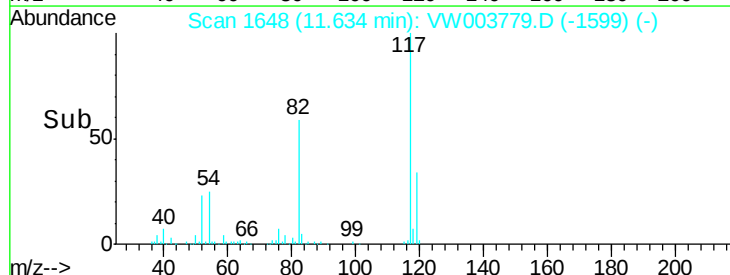
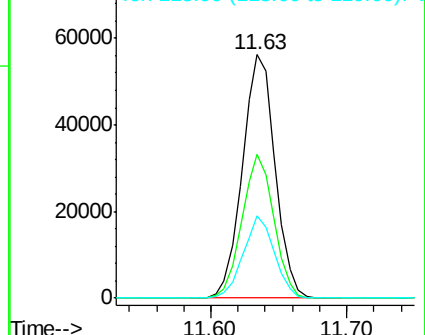
119 34.0 25.5 38.3

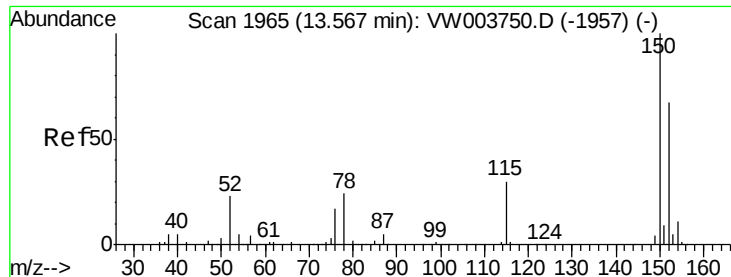


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW003779.D

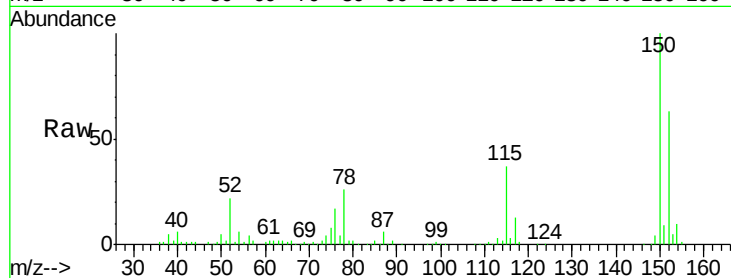
Acq: 09 Jul 2018 16:00

Instrument :

MSVOA_W

ClientSampleId :

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



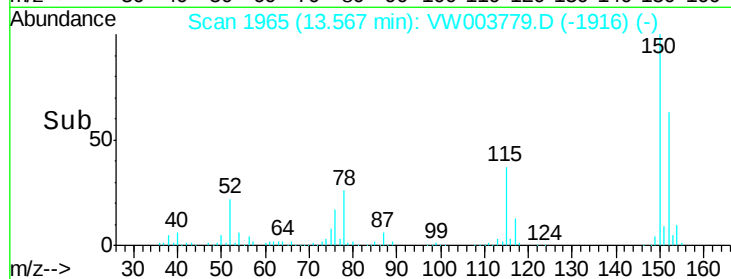
Tot Ion:152 Resp: 32080

Ion Ratio Lower Upper

152 100

115 58.9 28.9 86.8

150 158.1 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

