

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112118\
 Data File : VW006985.D
 Acq On : 20 Nov 2018 20:06
 Operator : SY/AP
 Sample : J5977-12RE
 Misc : 3.12G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MMTW-01(3-5)RE

Quant Time: Nov 21 05:44:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	83323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	127096	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	77689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	14137	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	39670	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	
35) Dibromofluoromethane	7.88	113	35916	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	10.32	98	119074	37.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.14%	
62) 4-Bromofluorobenzene	12.62	95	23670	18.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.96%	

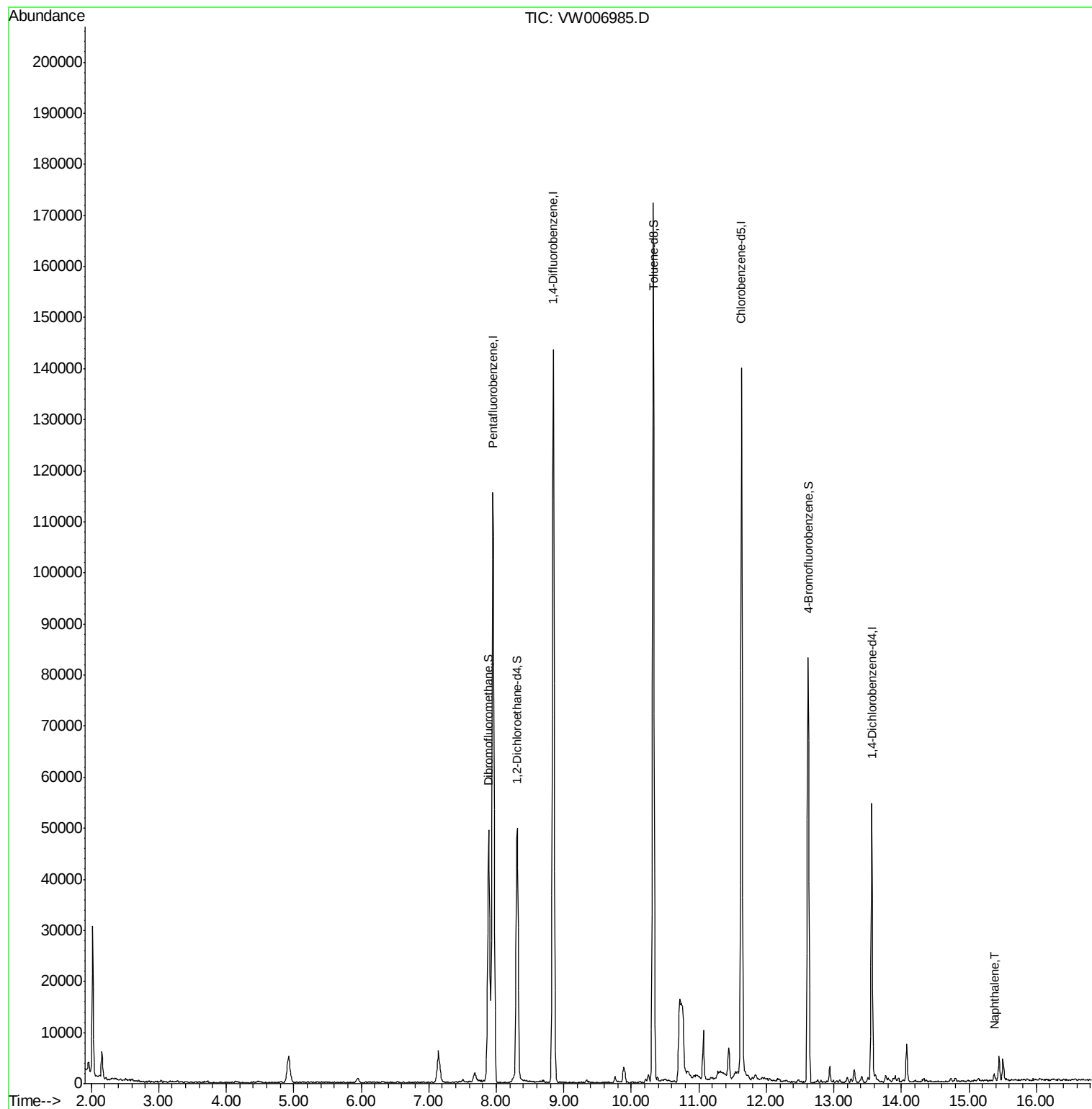
Target Compounds						Qvalue
95) Naphthalene	15.37	128	1512	2.99	ug/l	98

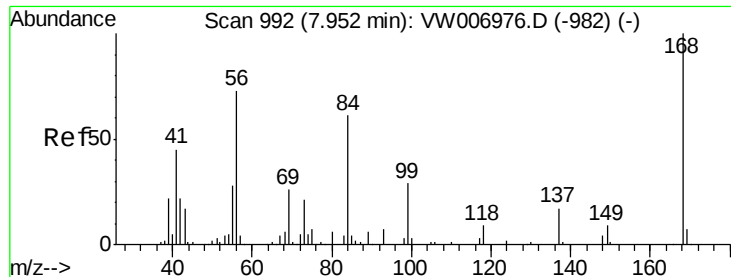
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006985.D

Acq: 20 Nov 2018 20:06

Instrument :

MSVOA_W

ClientSampleId :

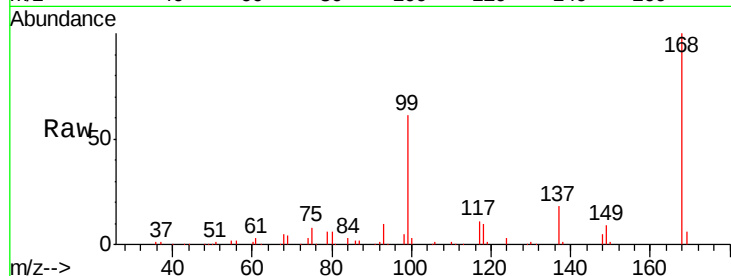
MMTW-01(3-5)RE

Tgt Ion:168 Resp: 83323

Ion Ratio Lower Upper

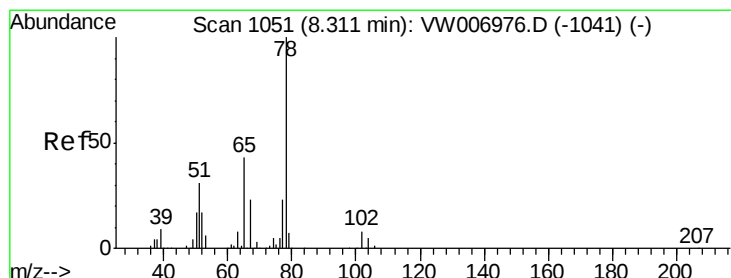
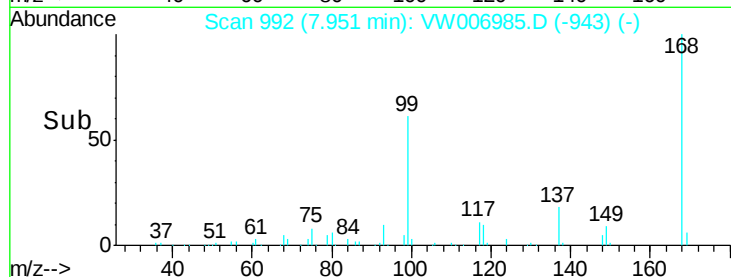
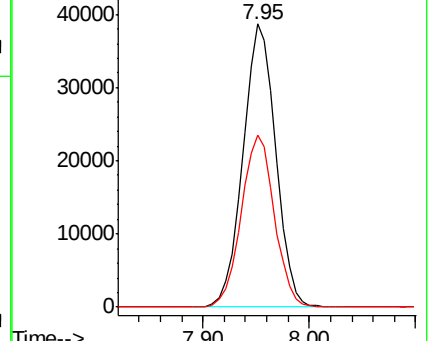
168 100

99 61.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 48.63 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006985.D

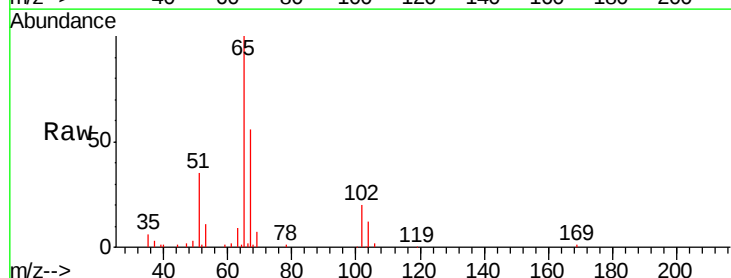
Acq: 20 Nov 2018 20:06

Tgt Ion: 65 Resp: 39670

Ion Ratio Lower Upper

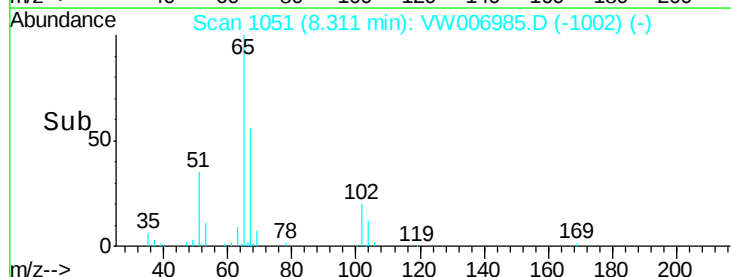
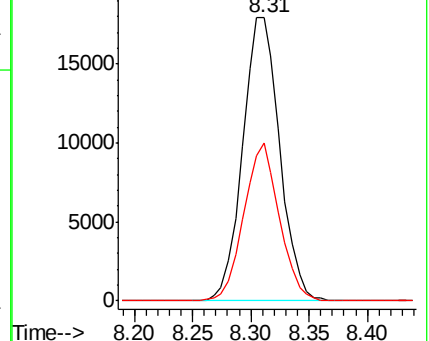
65 100

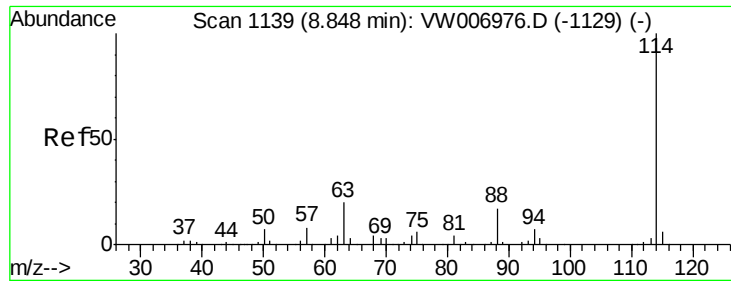
67 53.2 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

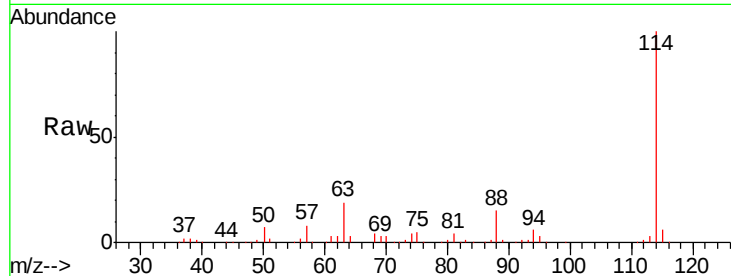




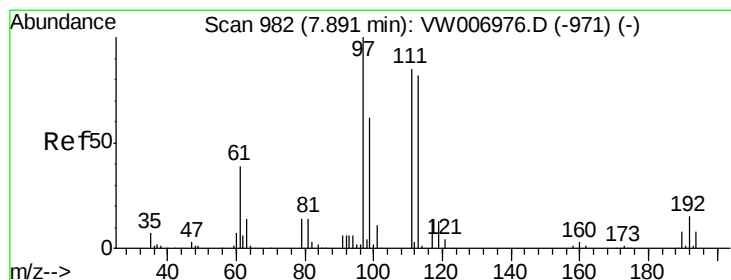
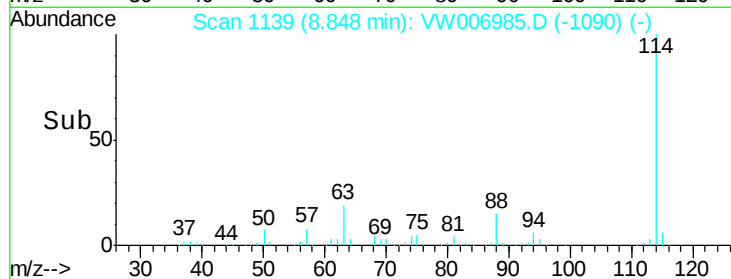
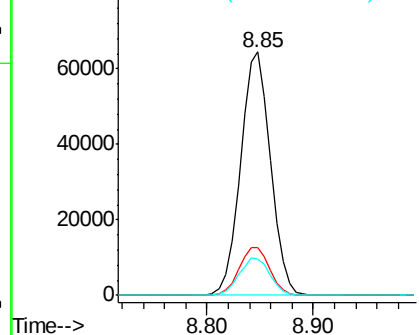
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006985.D
 Acq: 20 Nov 2018 20:06

Instrument :
 MSVOA_W
 ClientSampleId :
 MMTW-01(3-5)RE

Tgt Ion:114 Resp: 127096
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.4
 88 15.1 0.0 34.2

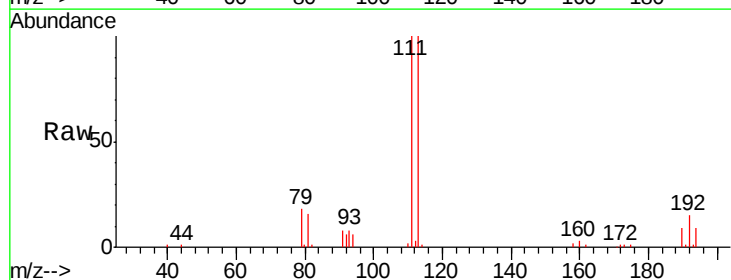


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

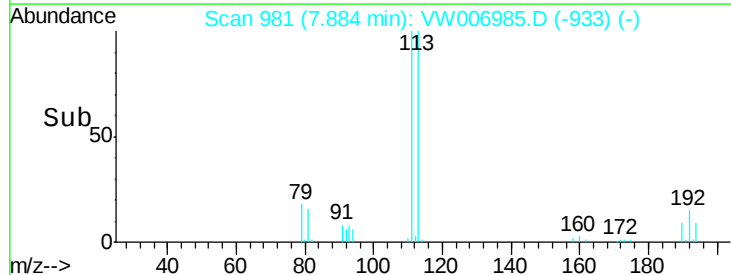
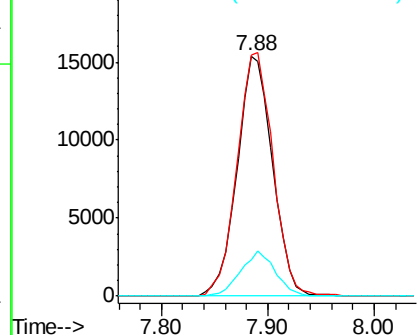


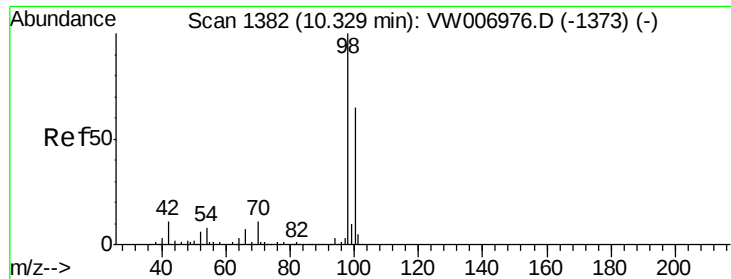
#35
 Dibromofluoromethane
 Concen: 50.04 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006985.D
 Acq: 20 Nov 2018 20:06

Tgt Ion:113 Resp: 35916
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.0 121.6
 192 18.3 15.0 22.6



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

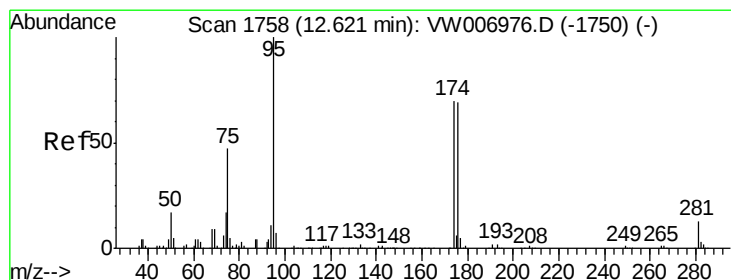
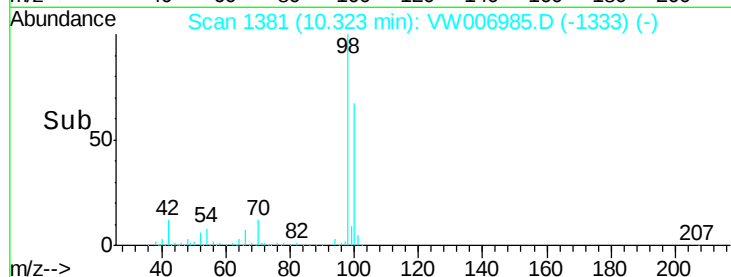
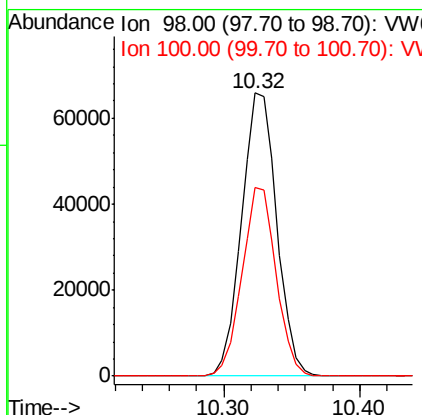
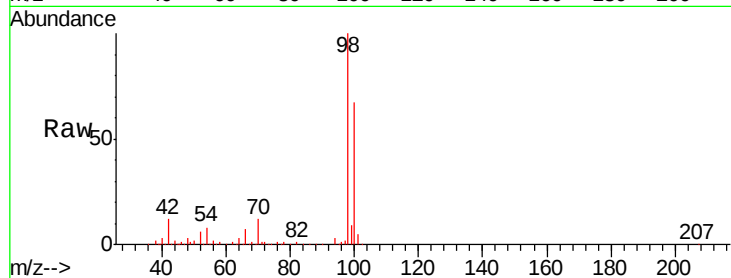




#50
Toluene-d8
Concen: 37.57 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006985.D
Acq: 20 Nov 2018 20:06

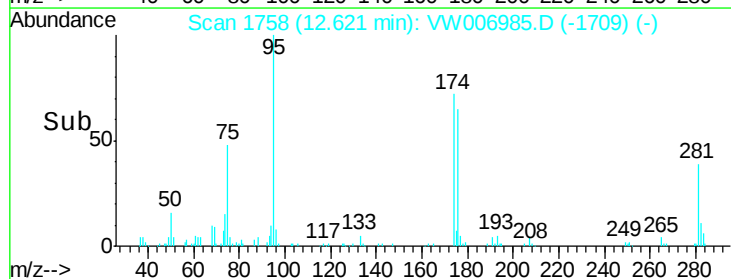
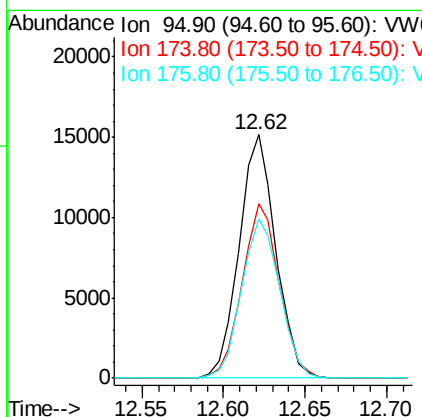
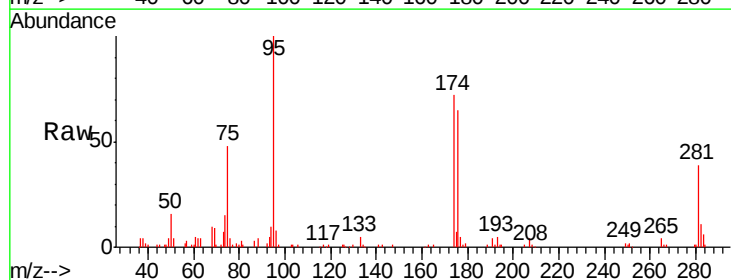
Instrument :
MSVOA_W
ClientSampleId :
MMTW-01(3-5)RE

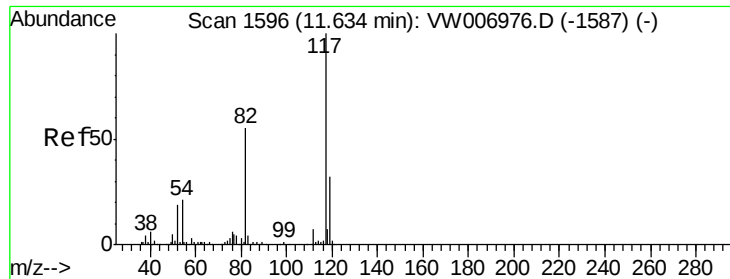
Tgt Ion: 98 Resp: 119074
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 18.98 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006985.D
Acq: 20 Nov 2018 20:06

Tgt Ion: 95 Resp: 23670
Ion Ratio Lower Upper
95 100
174 72.6 0.0 143.6
176 68.3 0.0 140.4

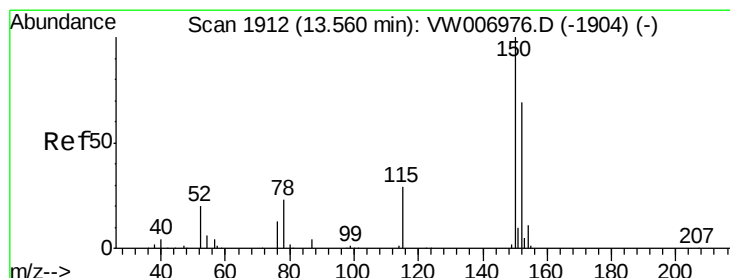
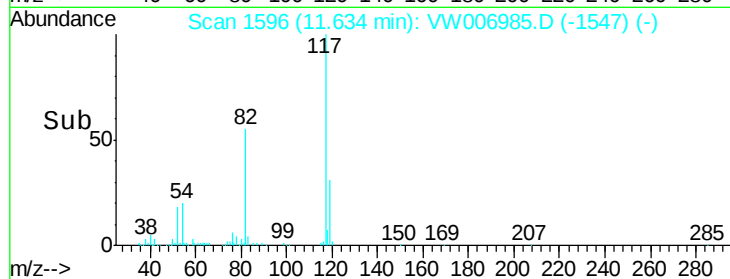
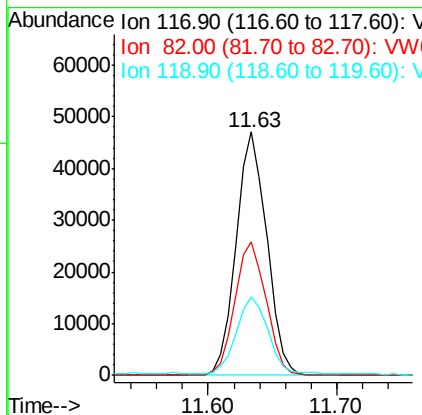
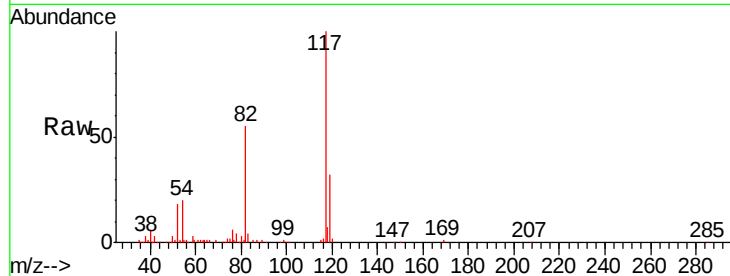




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006985.D
Acq: 20 Nov 2018 20:06

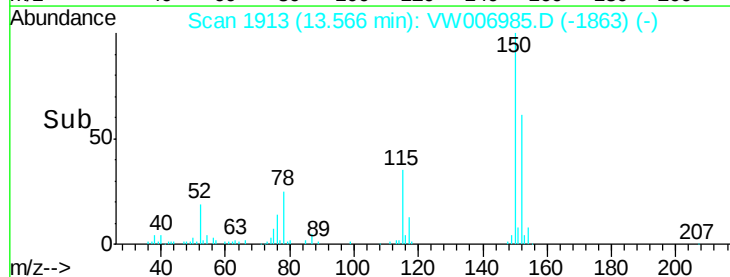
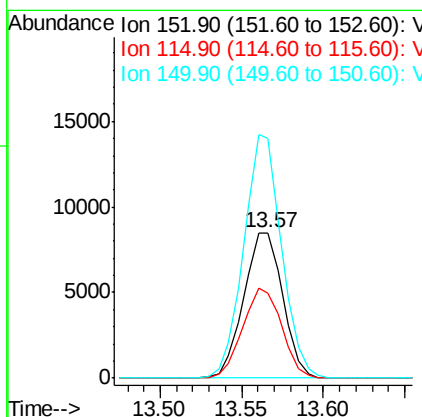
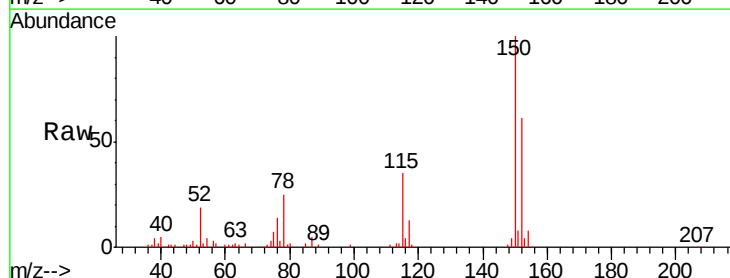
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MMTW-01(3-5)RE

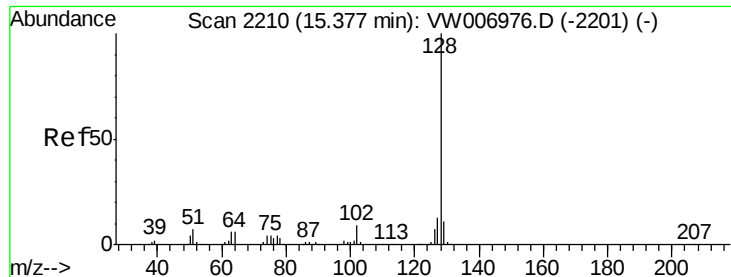
Tgt Ion:117 Resp: 77689
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 31.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW006985.D
Acq: 20 Nov 2018 20:06

Tgt Ion:152 Resp: 14137
Ion Ratio Lower Upper
152 100
115 61.7 31.4 94.2
150 161.9 0.0 353.4

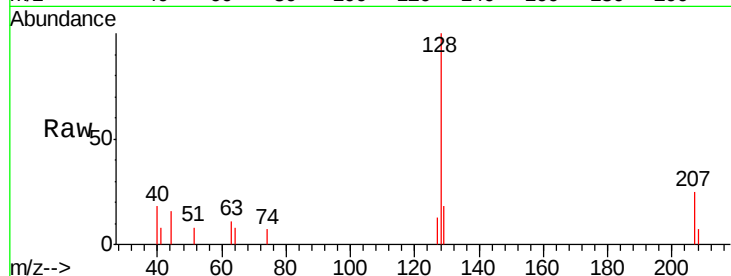




#95
Naphthalene
Concen: 2.99 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW006985.D
Acq: 20 Nov 2018 20:06

Instrument :
MSVOA_W
ClientSampleId :
MMTW-01(3-5)RE

Tgt Ion:128 Resp: 1512
Ion Ratio Lower Upper
128 100
127 12.4 10.5 15.7
129 10.3 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

