

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112018\
 Data File : VW006964.D
 Acq On : 20 Nov 2018 00:48
 Operator : SY/AP
 Sample : J5977-12
 Misc : 3.17G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

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

Quant Time: Nov 20 06:27:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 17 04:45:18 2018
 Response via : Initial Calibration

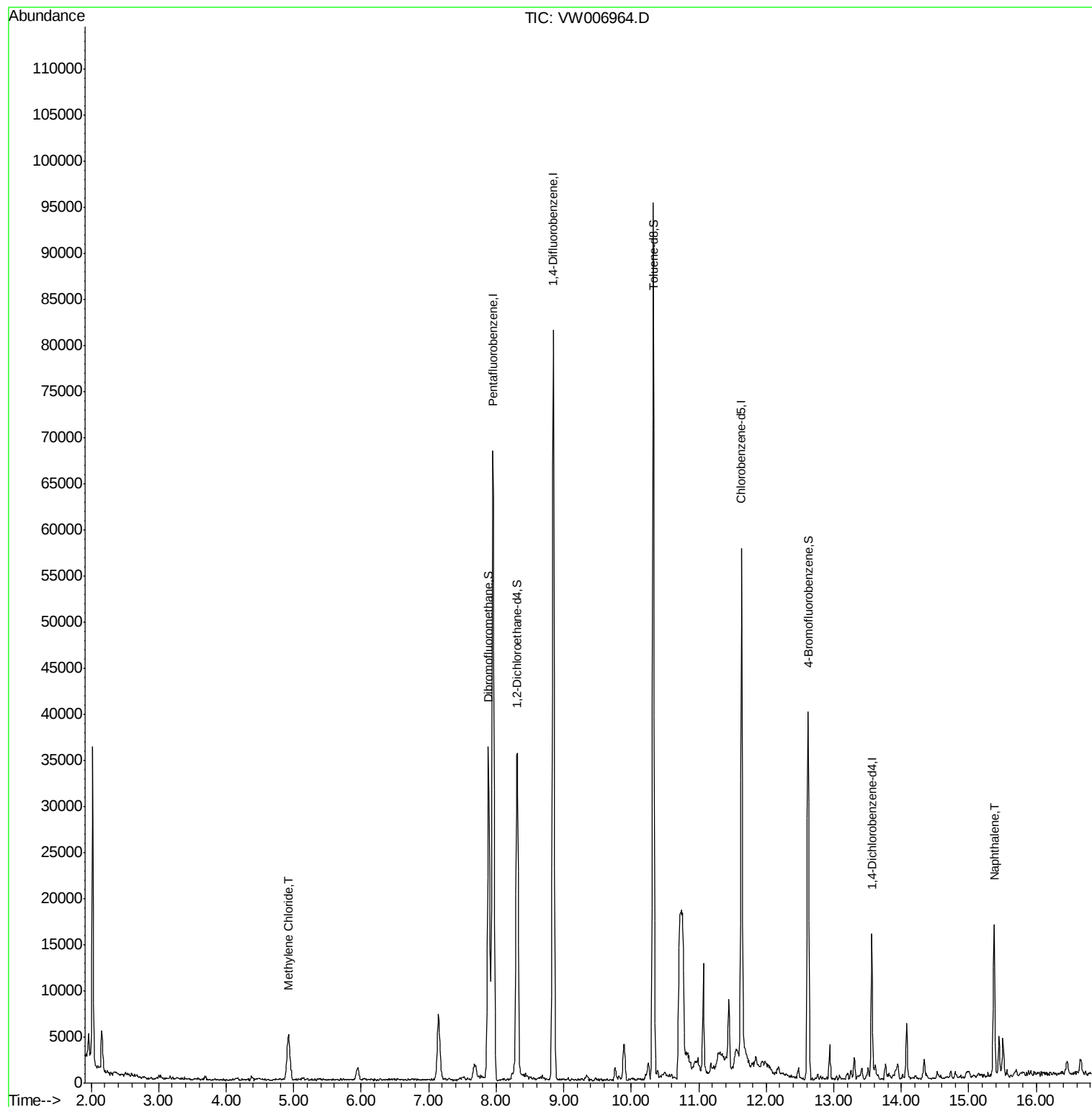
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	50061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	71760	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	30822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	3970	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	29348	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
35) Dibromofluoromethane	7.88	113	26298	62.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.18%	
50) Toluene-d8	10.32	98	64609	35.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.56%	
62) 4-Bromofluorobenzene	12.62	95	7894	11.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	22.42%	
Target Compounds						
20) Methylene Chloride	4.92	84	4212	4.067	ug/l #	95
95) Naphthalene	15.38	128	14992	101.497	ug/l	99

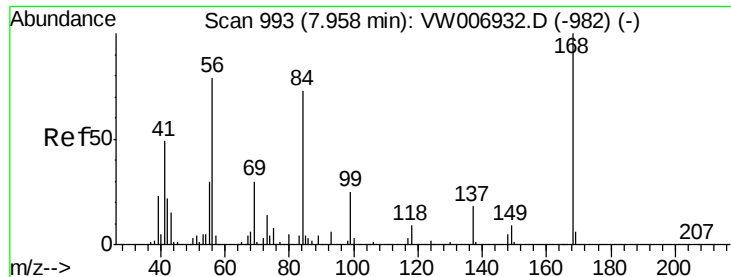
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006964.D

Acq: 20 Nov 2018 00:48

Instrument :

MSVOA_W

ClientSampleId :

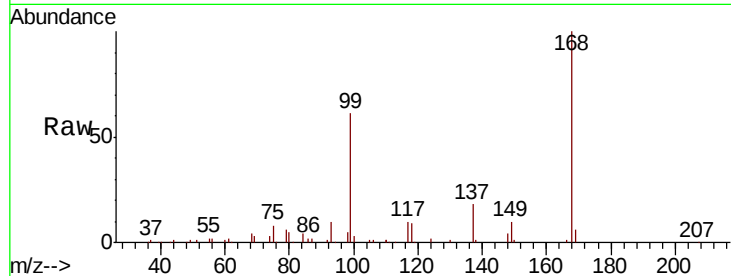
MMTW-01(3-5)

Tot Ion:168 Resp: 50061

Ion Ratio Lower Upper

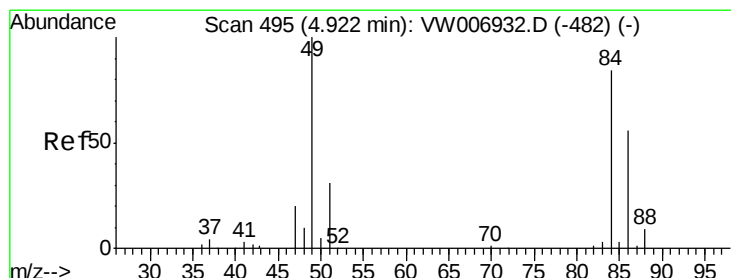
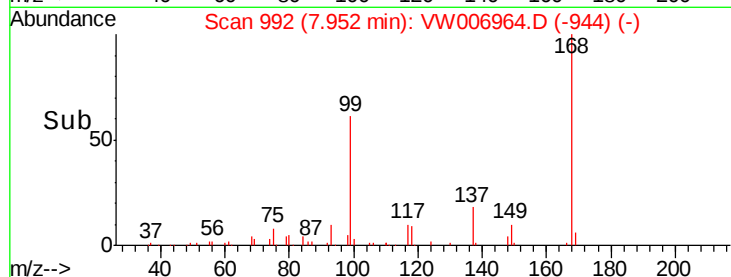
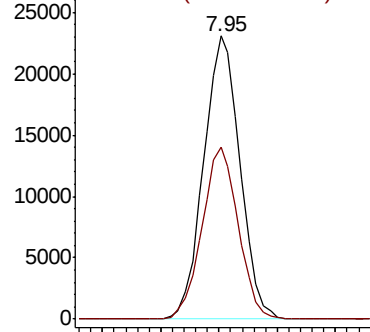
168 100

99 60.8 49.3 73.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 4.067 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW006964.D

Acq: 20 Nov 2018 00:48

Tgt Ion: 84 Resp: 4212

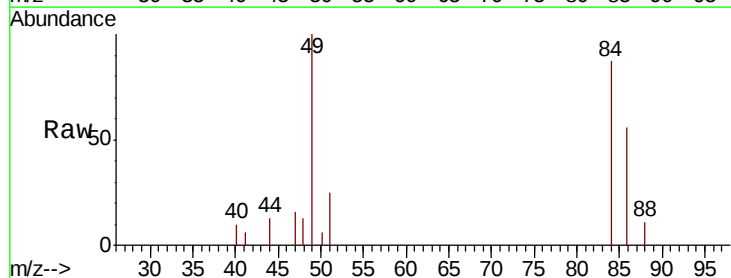
Ion Ratio Lower Upper

84 100

49 115.5 95.4 143.2

51 28.6 29.5 44.3#

86 64.9 53.4 80.2

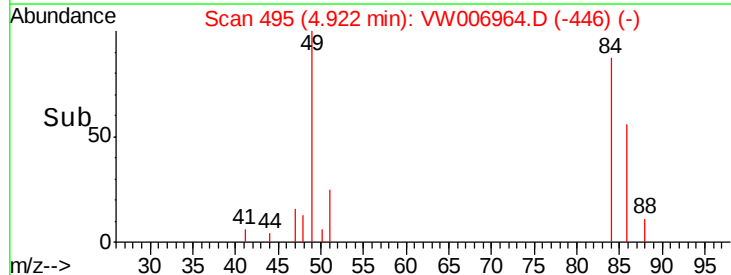
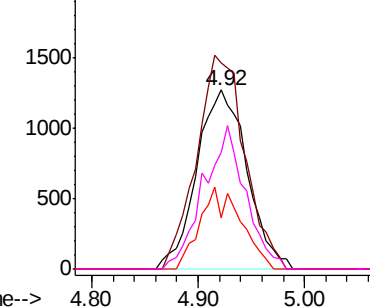


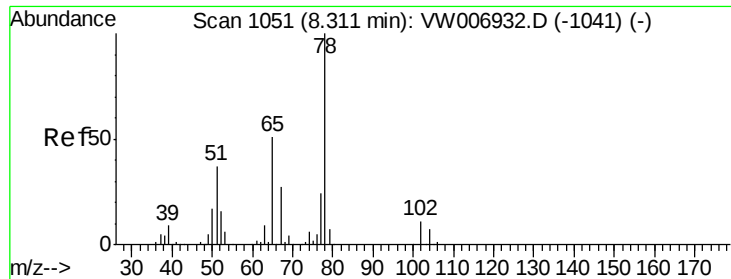
Abundance Ion 83.90 (83.60 to 84.60): VW

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

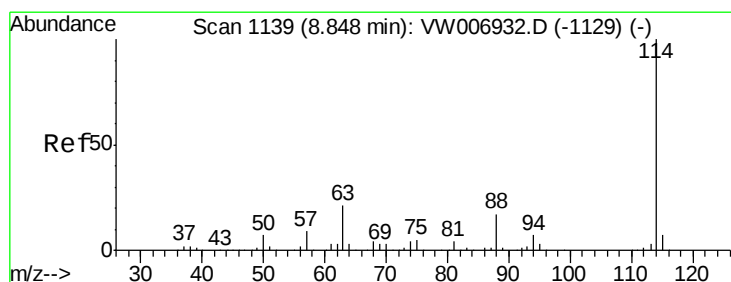
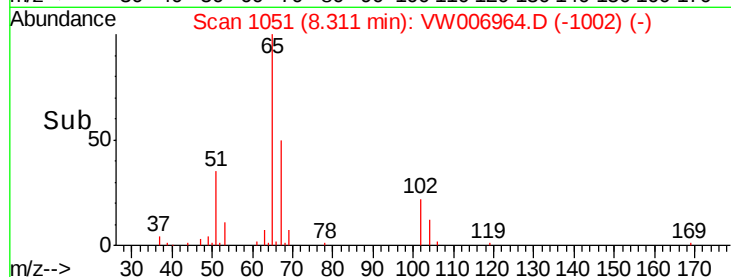
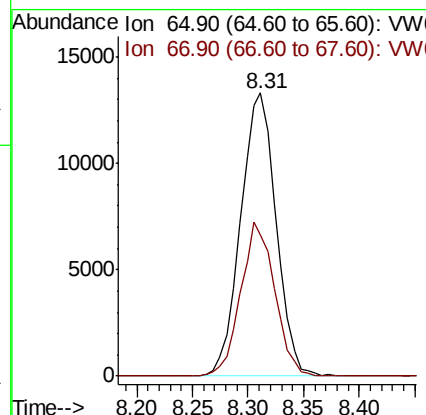
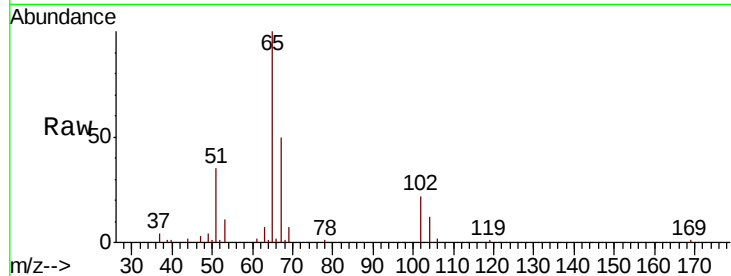




#33
 1,2-Dichloroethane-d4
 Concen: 52.604 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006964.D
 Acq: 20 Nov 2018 00:48

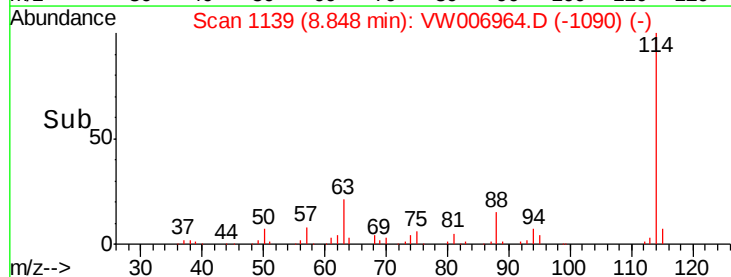
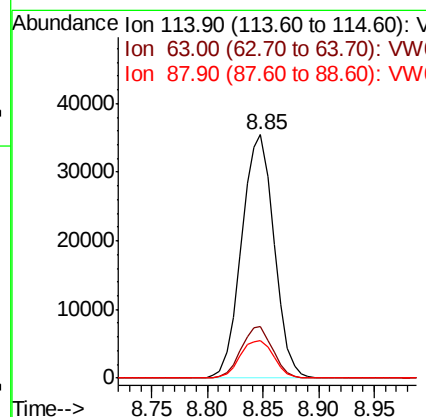
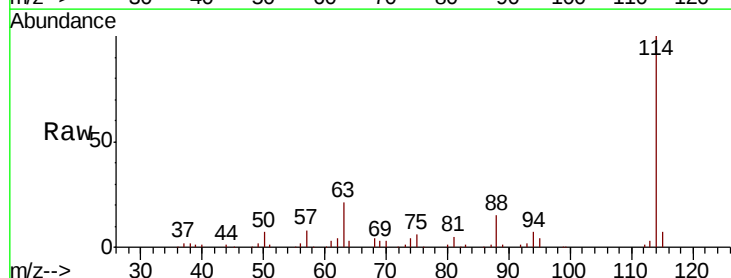
Instrument :
 MSVOA_W
 ClientSampleId :
 MMTW-01(3-5)

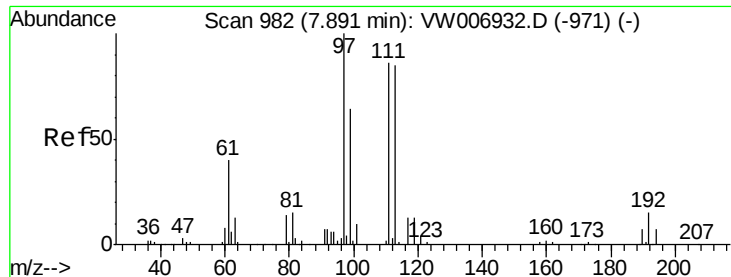
Tot Ion: 65 Resp: 29348
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006964.D
 Acq: 20 Nov 2018 00:48

Tgt Ion: 114 Resp: 71760
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.2
 88 15.3 0.0 33.4

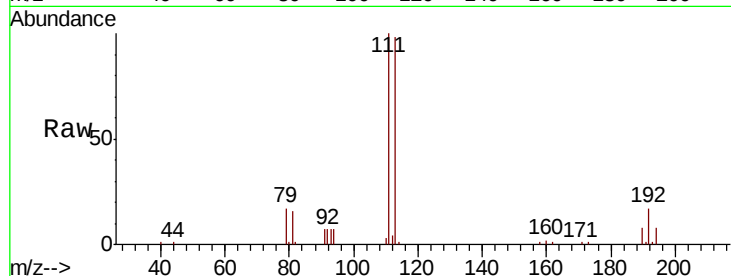




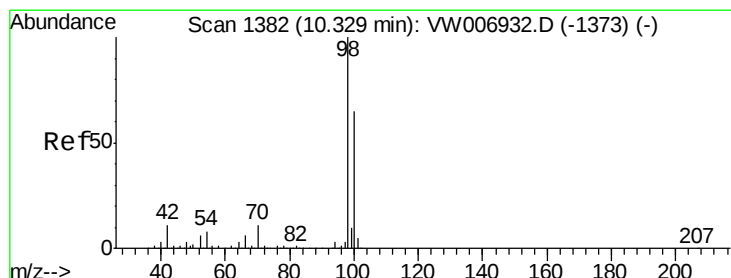
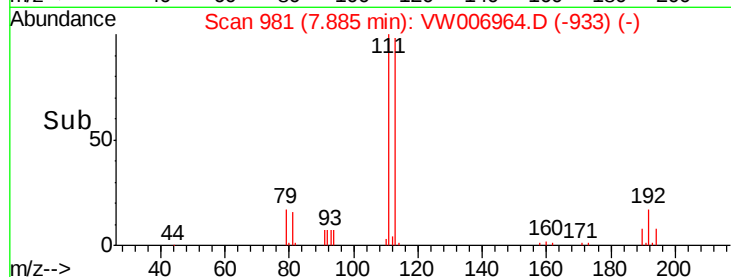
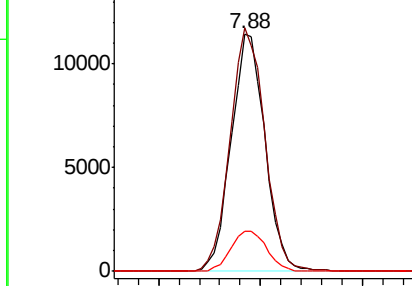
#35
 Dibromofluoromethane
 Concen: 62.588 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006964.D
 Acq: 20 Nov 2018 00:48

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

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.7	122.5
192	17.8	13.9	20.9

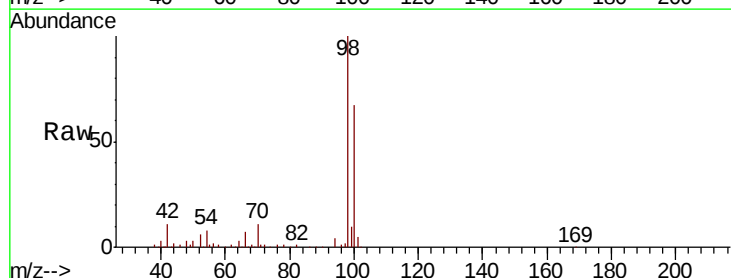


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

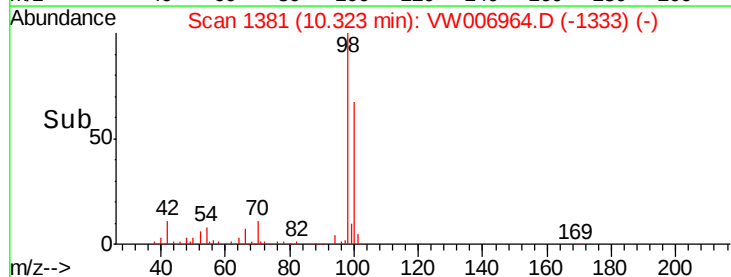
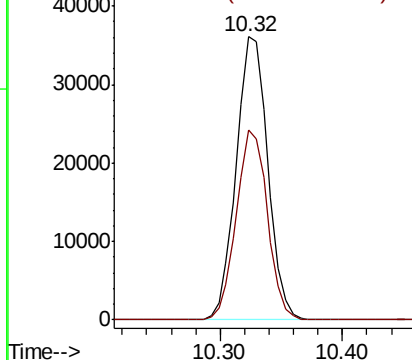


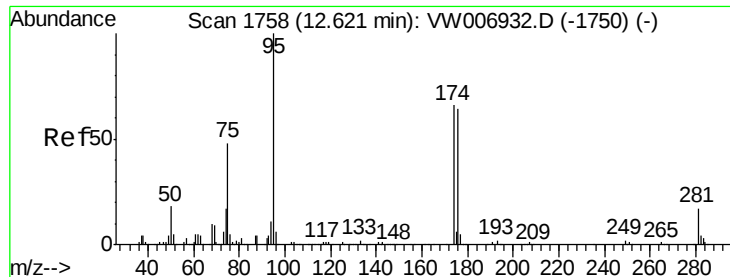
#50
 Toluene-d8
 Concen: 35.781 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: VW006964.D
 Acq: 20 Nov 2018 00:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.3	78.5



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 11.212 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006964.D

Acq: 20 Nov 2018 00:48

Instrument :

MSVOA_W

ClientSampleId :

MMTW-01(3-5)

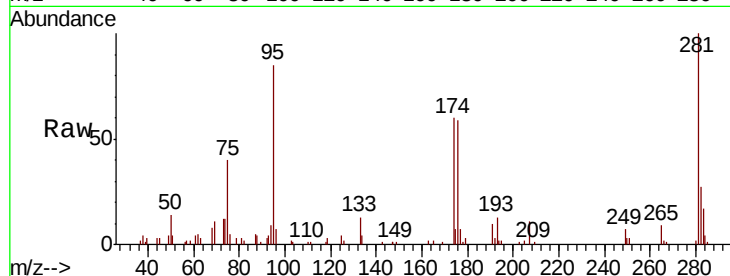
Tot Ion: 95 Resp: 7894

Ion Ratio Lower Upper

95 100

174 72.5 0.0 138.4

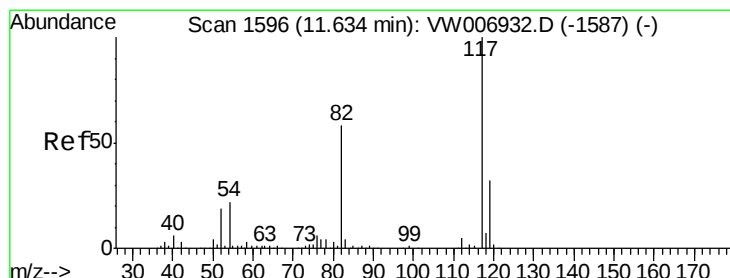
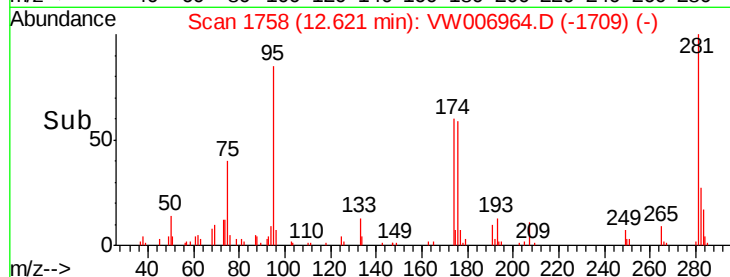
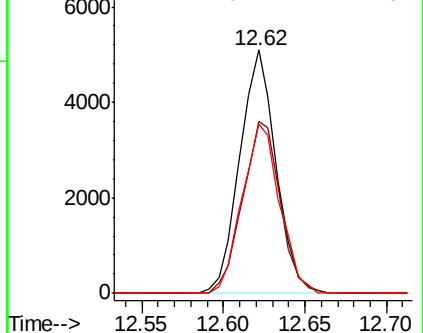
176 71.9 0.0 133.4



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# 1596

Delta R.T. 0.00 min

Lab File: VW006964.D

Acq: 20 Nov 2018 00:48

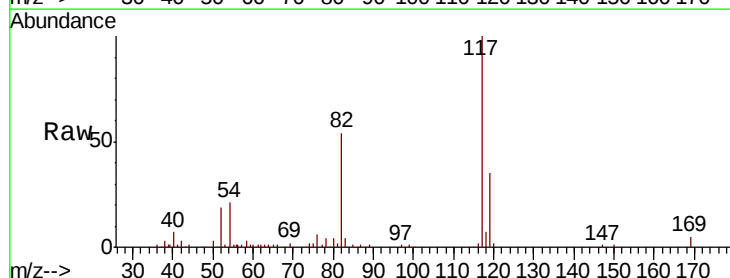
Tgt Ion: 117 Resp: 30822

Ion Ratio Lower Upper

117 100

82 53.6 46.2 69.2

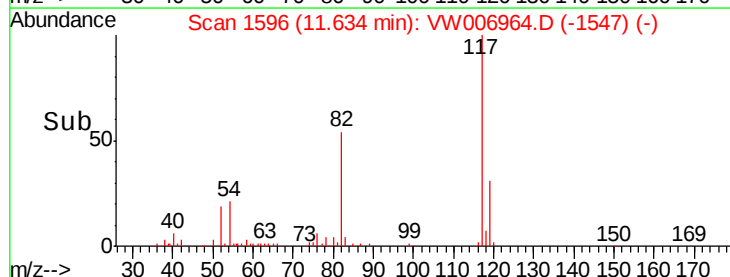
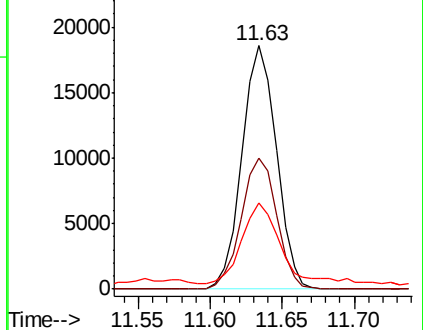
119 32.4 25.5 38.3

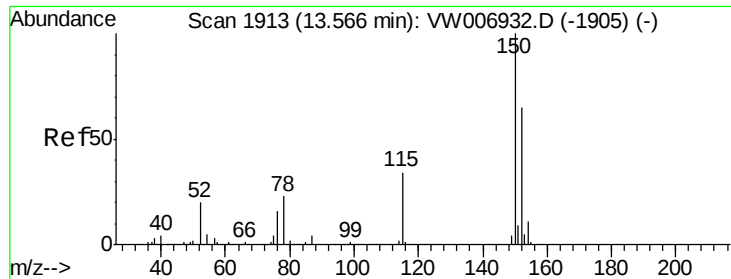


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



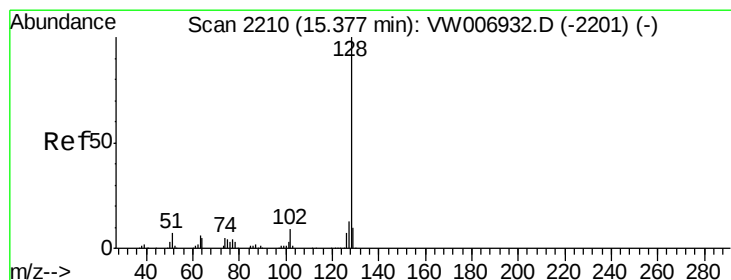
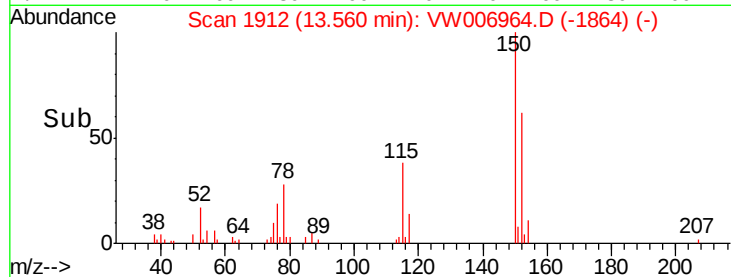
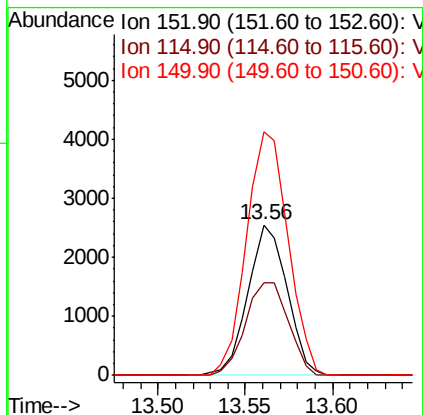
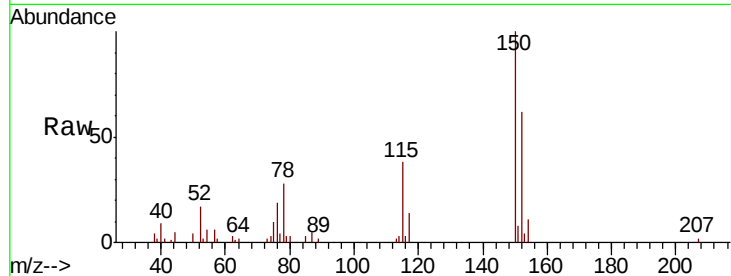


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006964.D
Acq: 20 Nov 2018 00:48

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

Tot Ion:152 Resp: 3970
Ion Ratio Lower Upper
152 100
115 67.2 31.6 94.7
150 171.7 0.0 350.0



#95

Naphthalene
Concen: 101.497 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006964.D
Acq: 20 Nov 2018 00:48

Tgt Ion:128 Resp: 14992
Ion Ratio Lower Upper
128 100
127 12.6 10.6 15.8
129 10.7 8.5 12.7

