

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070919\
 Data File : VW011176.D
 Acq On : 09 Jul 2019 13:53
 Operator : SY/VA
 Sample : K3687-01
 Misc : 6.35G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 72-12017-VNJ-206

Quant Time: Jul 10 05:14:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 07:16:01 2019
 Response via : Initial Calibration

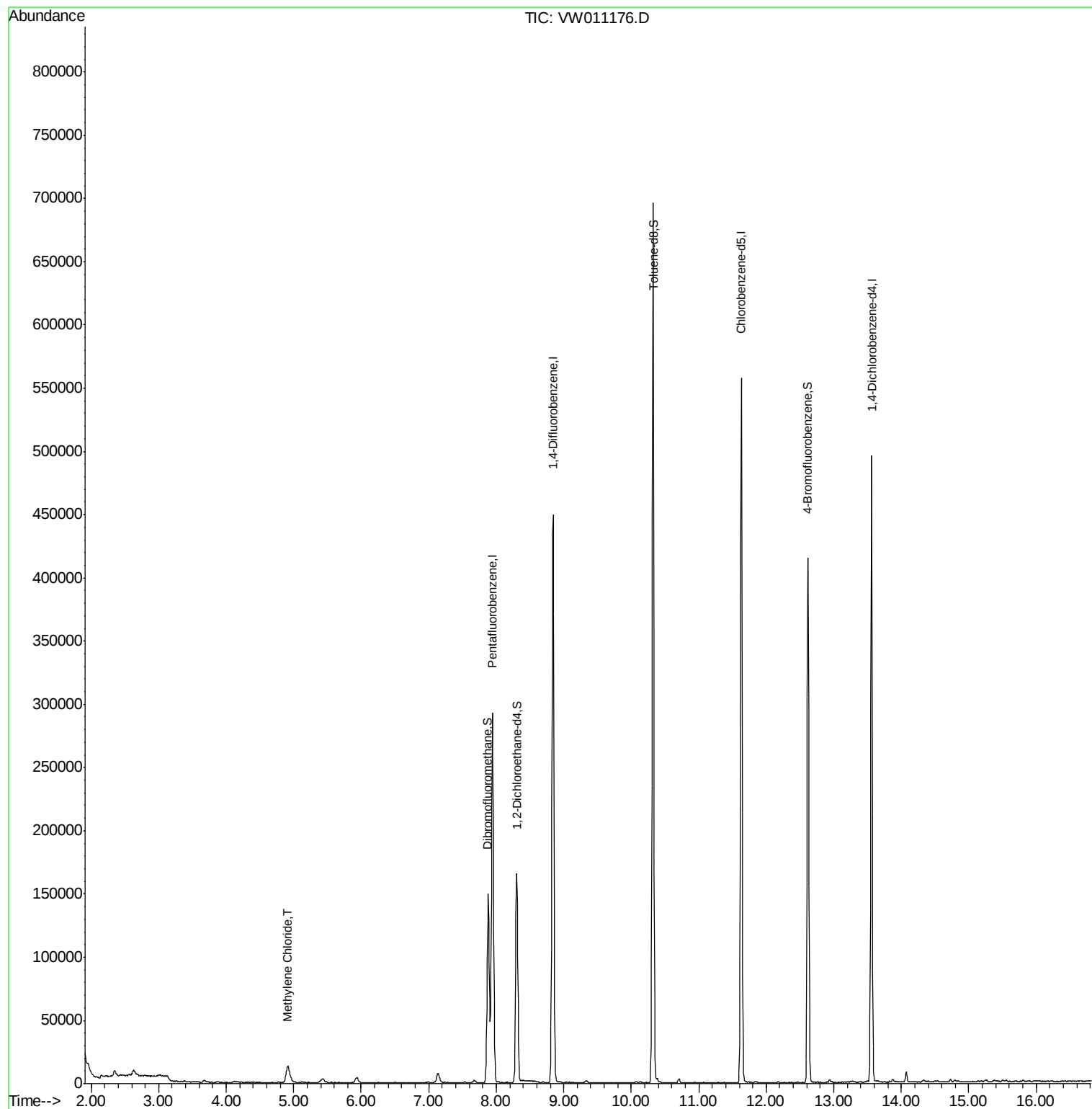
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	208220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	355791	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	292145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	117592	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	132159	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
35) Dibromofluoromethane	7.88	113	106418	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
50) Toluene-d8	10.32	98	436503	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.62	95	138112	43.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.92%	
Target Compounds						
20) Methylene Chloride	4.92	84	10551	4.249	ug/l	Qvalue 87

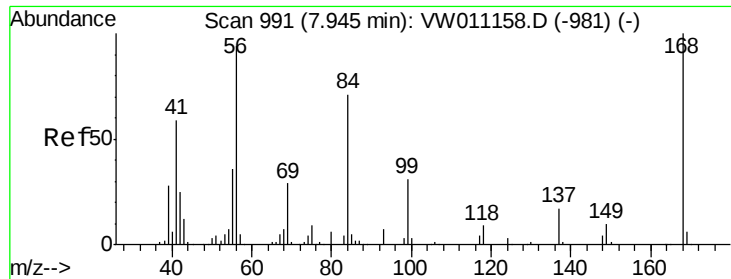
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011176.D

Acq: 09 Jul 2019 13:53

Instrument :

MSVOA_W

ClientSampleId :

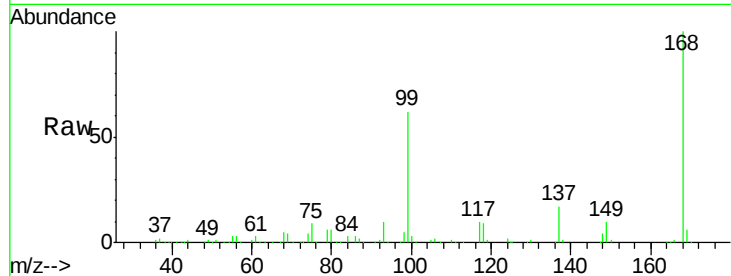
72-12017-VNJ-206

Tot Ion:168 Resp: 208220

Ion Ratio Lower Upper

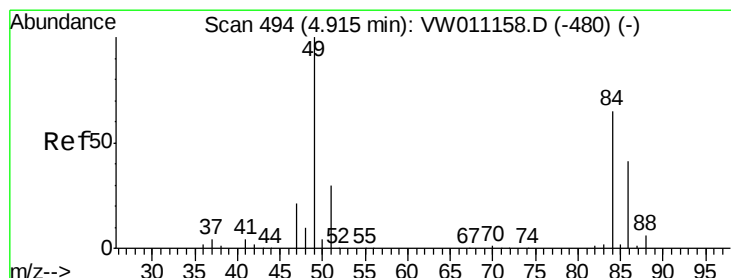
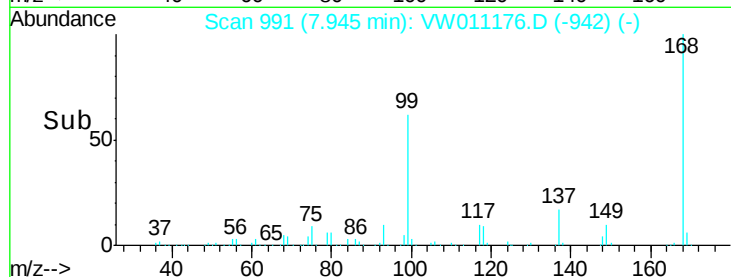
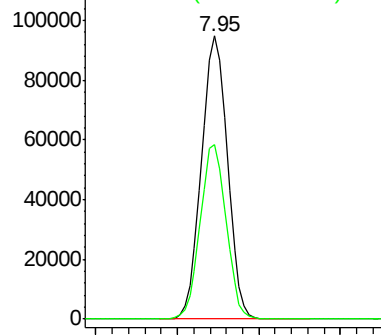
168 100

99 61.7 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 4.249 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW011176.D

Acq: 09 Jul 2019 13:53

Tgt Ion: 84 Resp: 10551

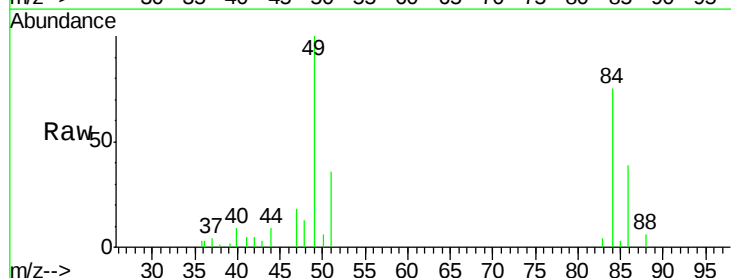
Ion Ratio Lower Upper

84 100

49 133.8 123.8 185.6

51 47.8 37.4 56.2

86 51.6 51.1 76.7

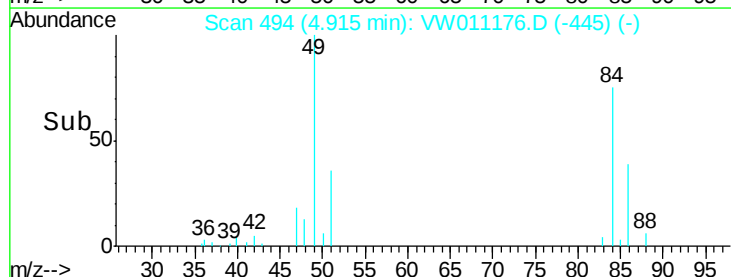
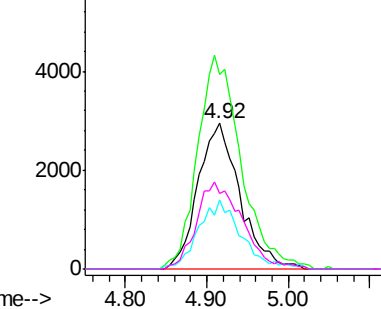


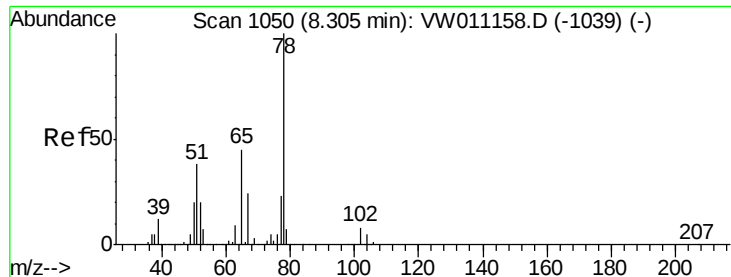
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 50.513 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011176.D

Acq: 09 Jul 2019 13:53

Instrument :

MSVOA_W

ClientSampleId :

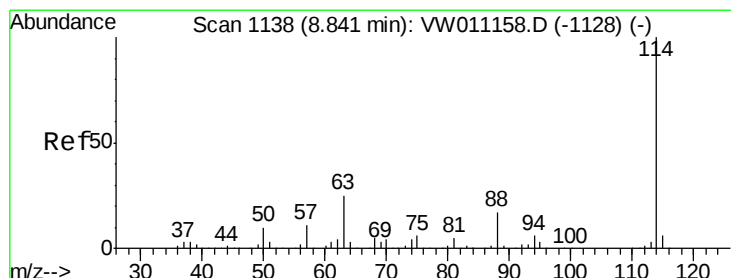
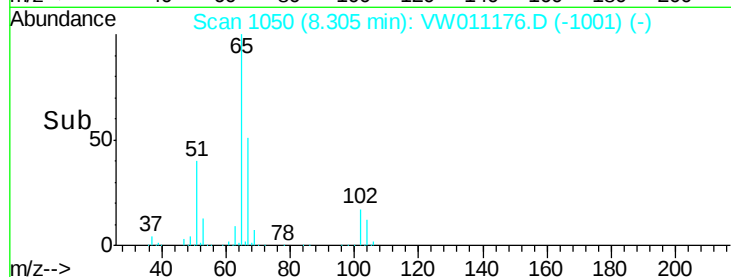
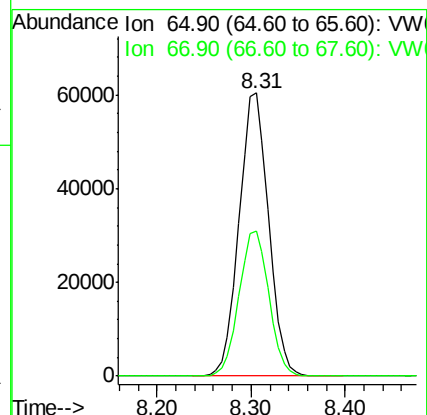
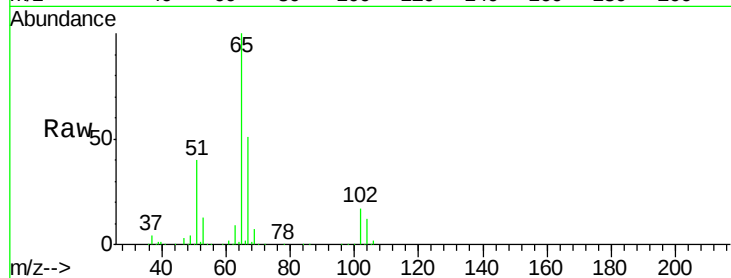
72-12017-VNJ-206

Tot Ion: 65 Resp: 132159

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW011176.D

Acq: 09 Jul 2019 13:53

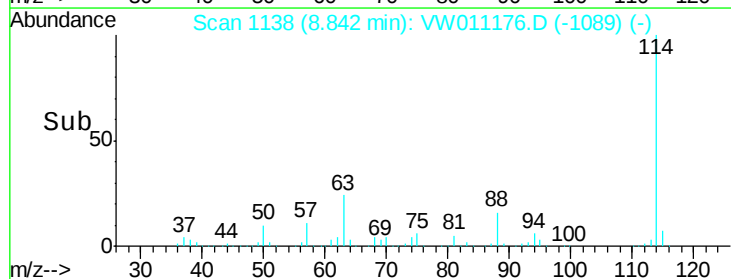
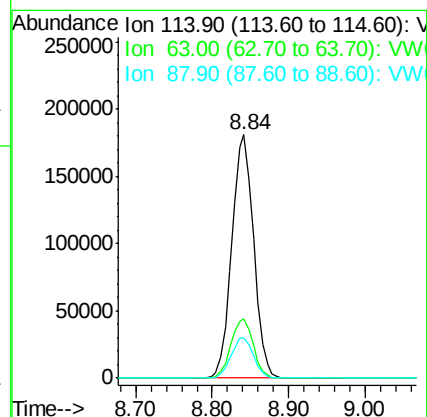
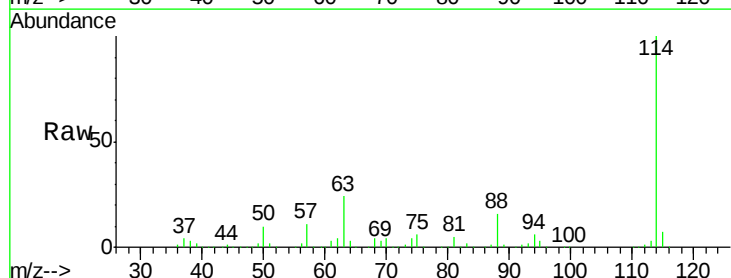
Tgt Ion: 114 Resp: 355791

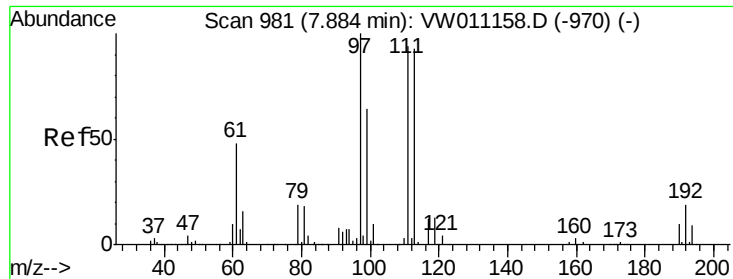
Ion Ratio Lower Upper

114 100

63 24.1 0.0 50.8

88 16.4 0.0 34.2

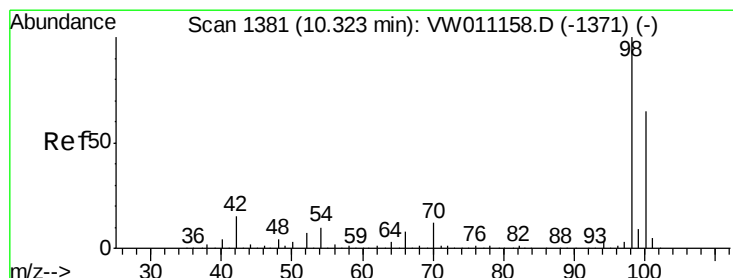
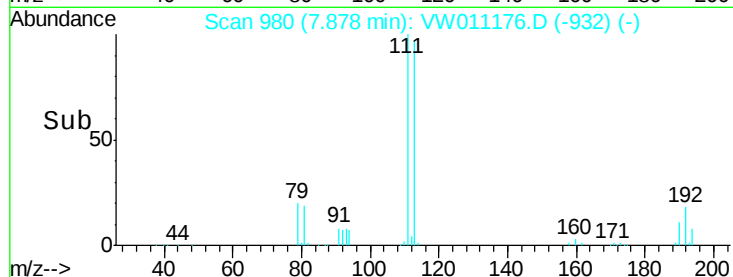
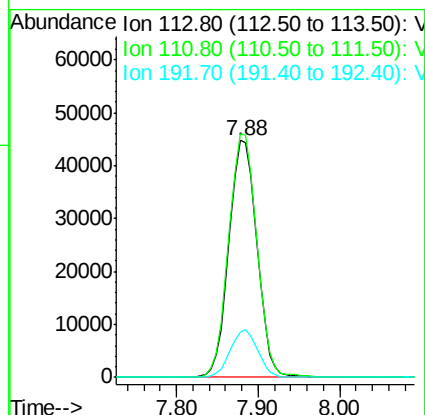
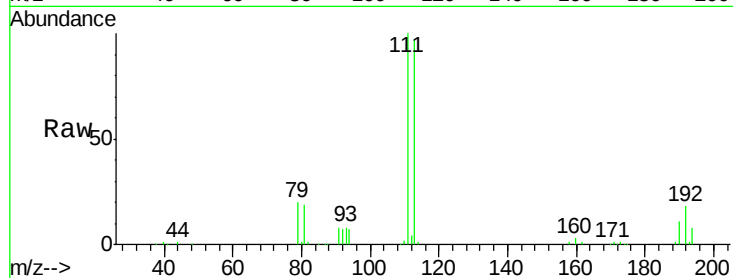




#35
Dibromofluoromethane
Concen: 50.181 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW011176.D
Acq: 09 Jul 2019 13:53

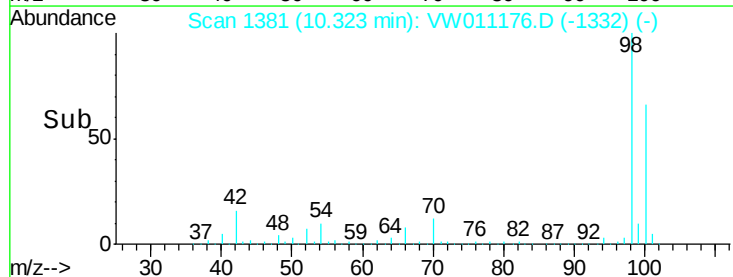
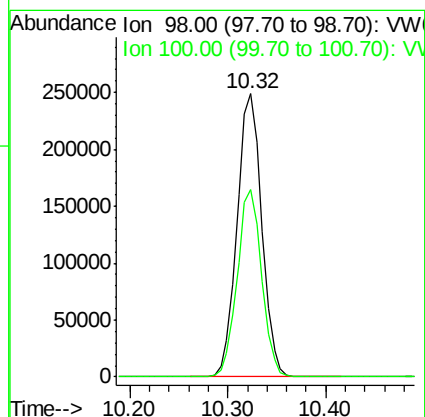
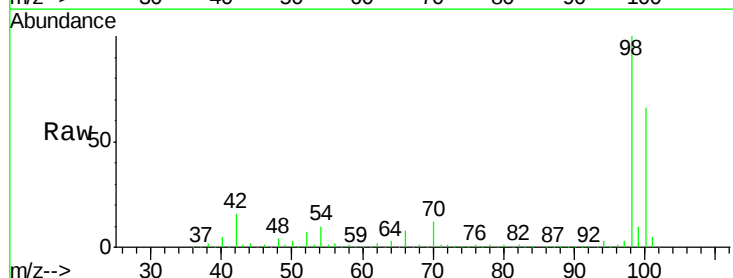
Instrument :
MSVOA_W
ClientSampleId :
72-12017-VNJ-206

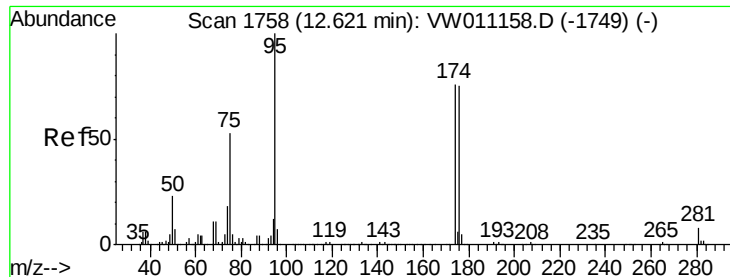
Tot Ion:113 Resp: 106418
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 19.6 15.8 23.8



#50
Toluene-d8
Concen: 50.922 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011176.D
Acq: 09 Jul 2019 13:53

Tgt Ion: 98 Resp: 436503
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 43.957 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011176.D

Acq: 09 Jul 2019 13:53

Instrument :

MSVOA_W

ClientSampleId :

72-12017-VNJ-206

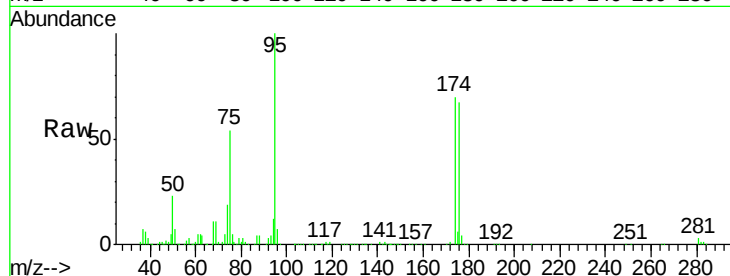
Tot Ion: 95 Resp: 138112

Ion Ratio Lower Upper

95 100

174 74.3 0.0 147.6

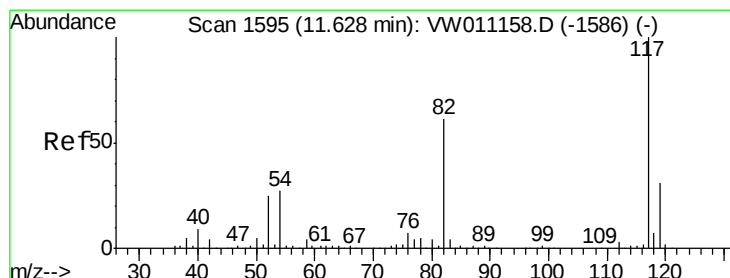
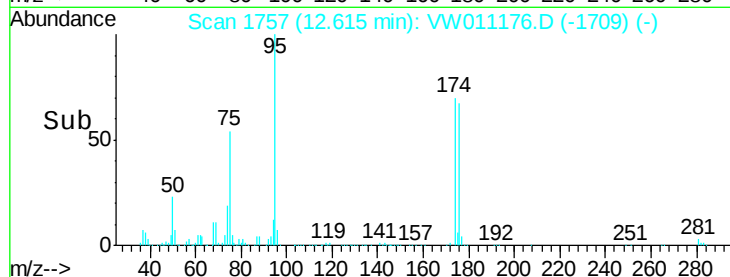
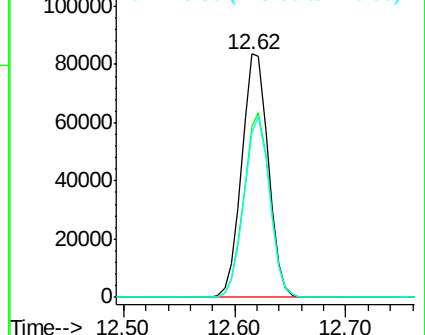
176 72.2 0.0 144.6



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# 1595

Delta R.T. 0.00 min

Lab File: VW011176.D

Acq: 09 Jul 2019 13:53

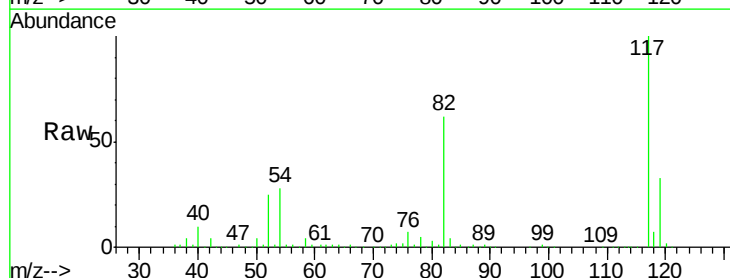
Tgt Ion: 117 Resp: 292145

Ion Ratio Lower Upper

117 100

82 62.0 48.9 73.3

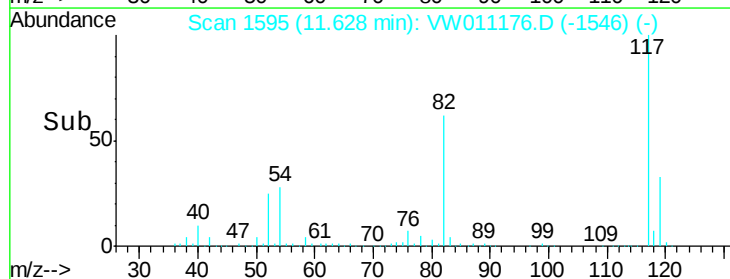
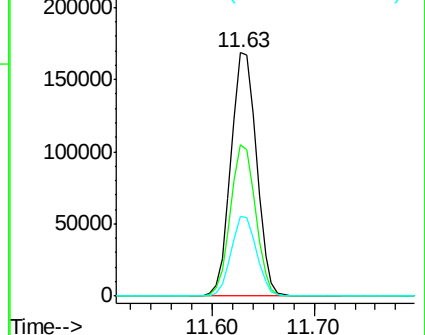
119 32.5 25.0 37.6

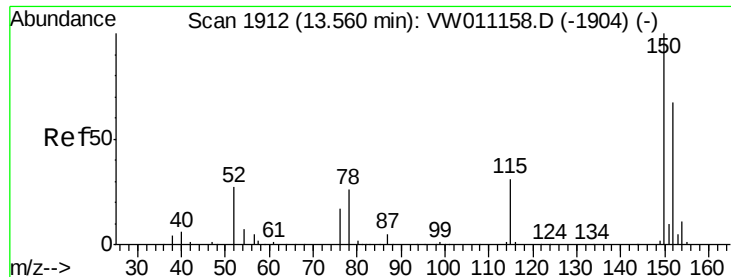


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

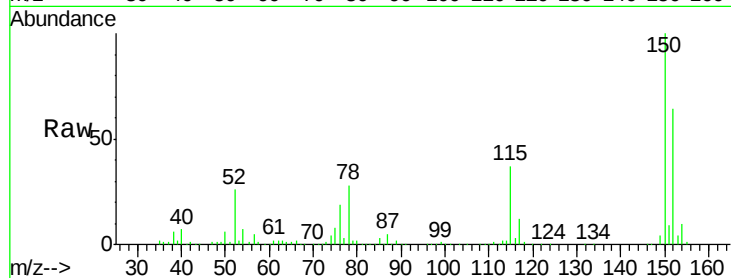




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: VW011176.D
 Acq: 09 Jul 2019 13:53

Instrument :
 MSVOA_W
 ClientSampleId :
 72-12017-VNJ-206

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.8	30.1	90.3
150	158.3	0.0	346.0



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

