

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081420\
 Data File : VW016201.D
 Acq On : 14 Aug 2020 19:12
 Operator : SY/VA
 Sample : L3677-04
 Misc : 6.59G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1

Quant Time: Aug 17 09:03:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	175986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	289166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	178236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	41463	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	59613	34.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.48%	
35) Dibromofluoromethane	7.88	113	78898	44.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.44%	
50) Toluene-d8	10.32	98	317723	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
62) 4-Bromofluorobenzene	12.62	95	61356	24.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	49.70%	

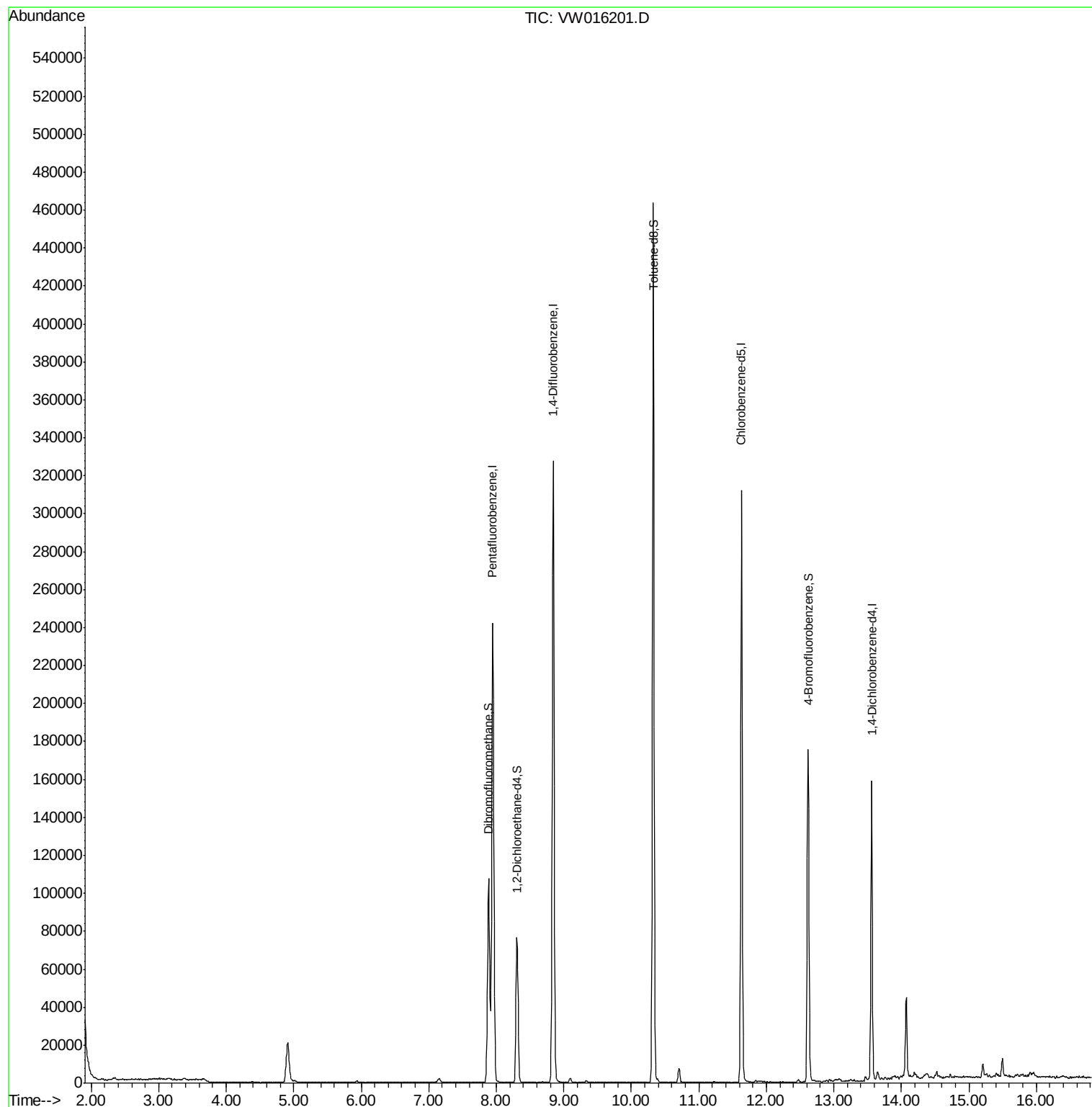
Target Compounds	Qvalue

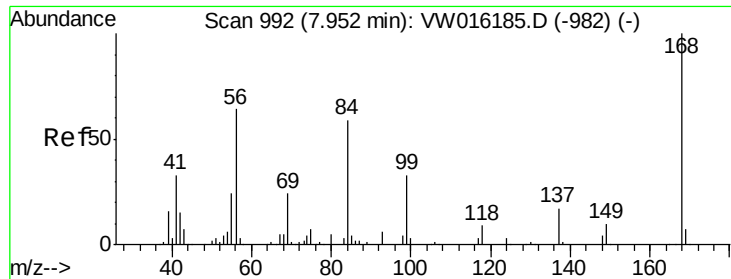
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW016201.D

Acq: 14 Aug 2020 19:12

Instrument :

MSVOA_W

ClientSampleId :

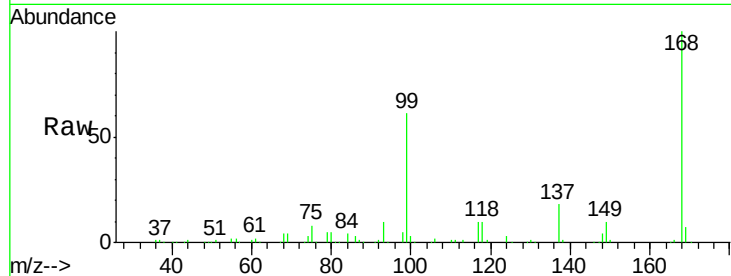
TP-1

Tot Ion:168 Resp: 175986

Ion Ratio Lower Upper

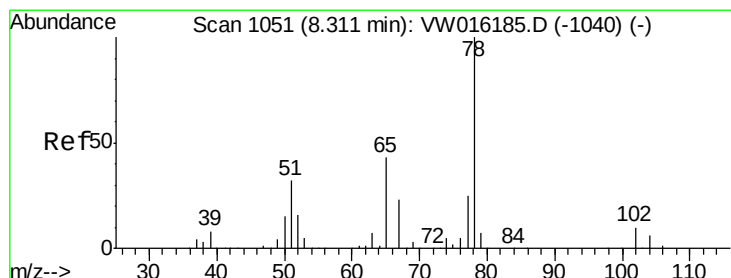
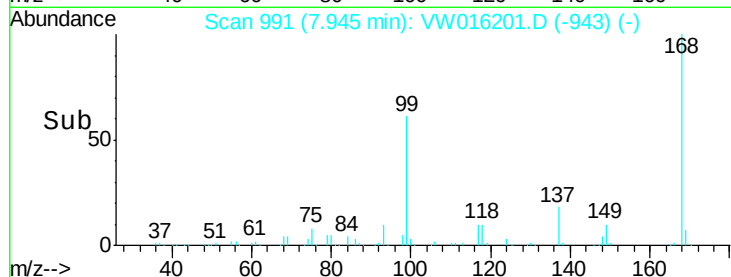
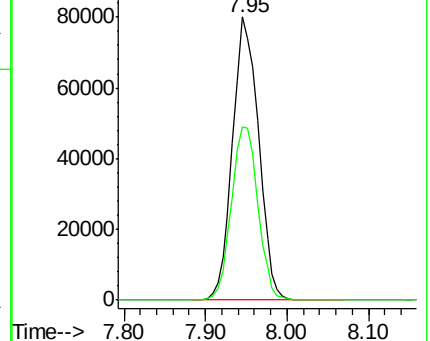
168 100

99 61.4 48.3 72.5



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: 34.735 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW016201.D

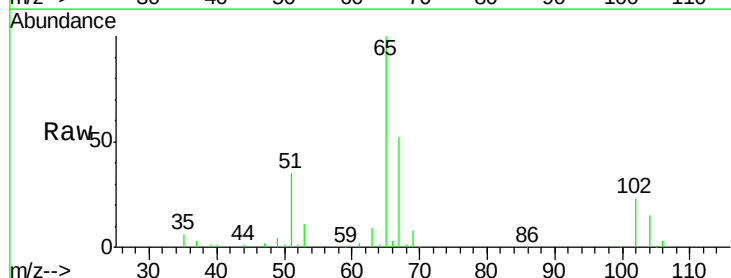
Acq: 14 Aug 2020 19:12

Tgt Ion: 65 Resp: 59613

Ion Ratio Lower Upper

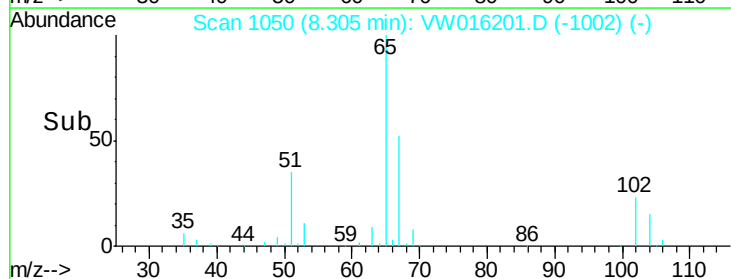
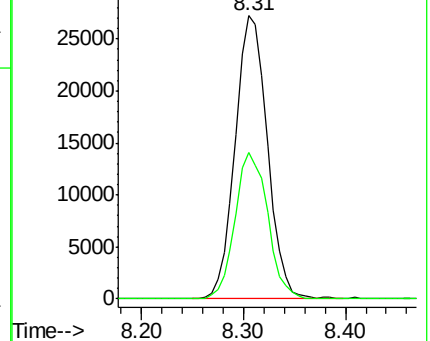
65 100

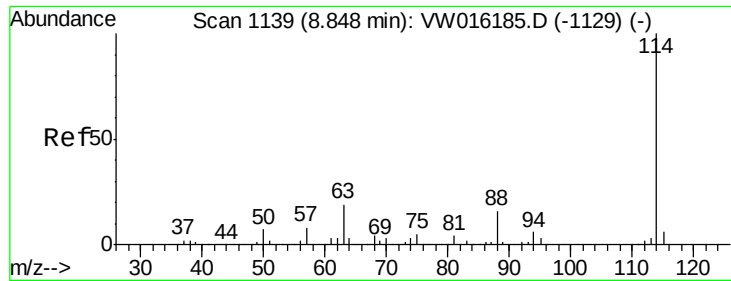
67 52.4 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

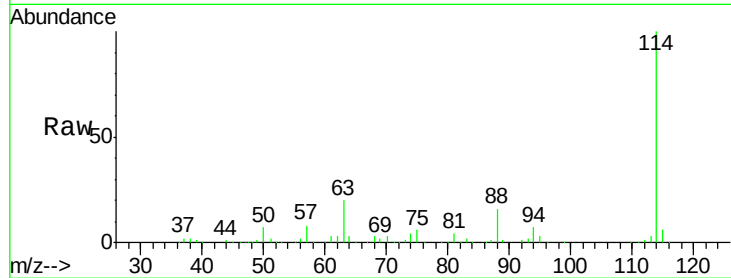




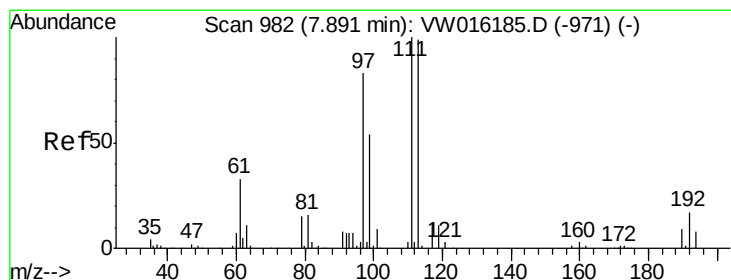
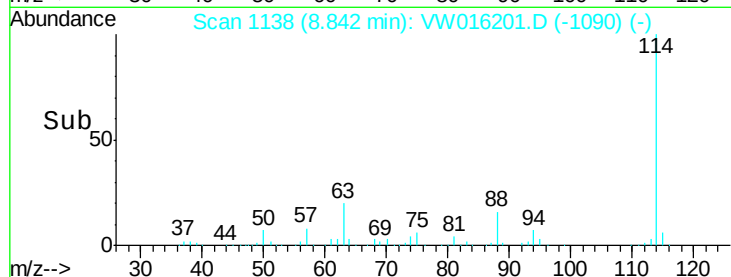
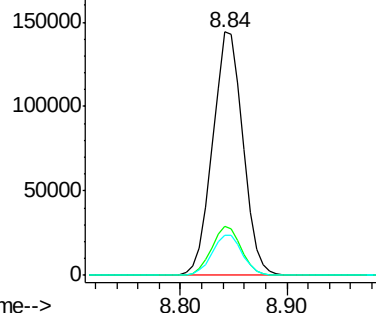
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VW016201.D
Acq: 14 Aug 2020 19:12

Instrument :
MSVOA_W
ClientSampleId :
TP-1

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	38.4
88	16.3	0.0	32.8

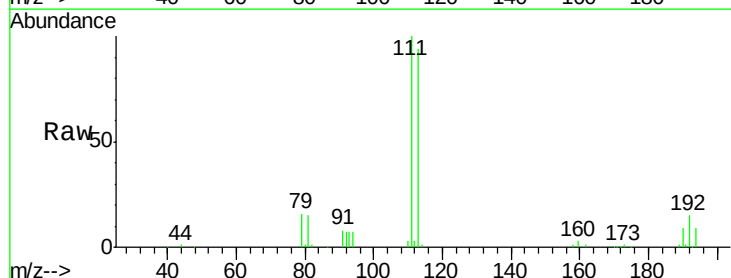


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

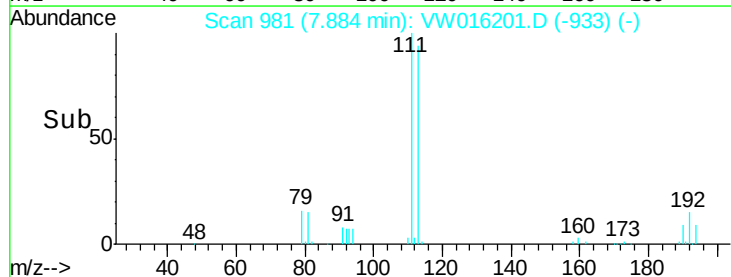
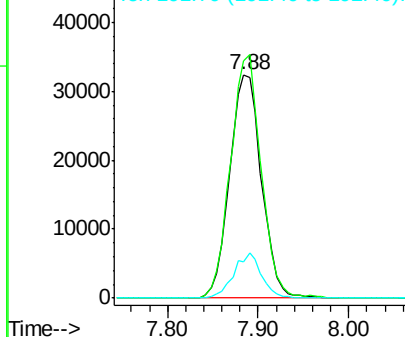


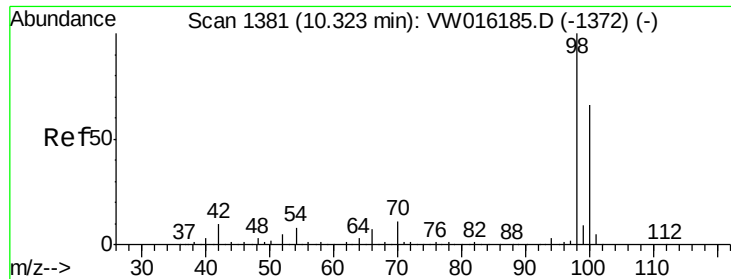
#35
Dibromofluoromethane
Concen: 44.221 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW016201.D
Acq: 14 Aug 2020 19:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.1	83.5	125.3
192	17.6	14.3	21.5



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: 46.005 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW016201.D

Acq: 14 Aug 2020 19:12

Instrument :

MSVOA_W

ClientSampled :

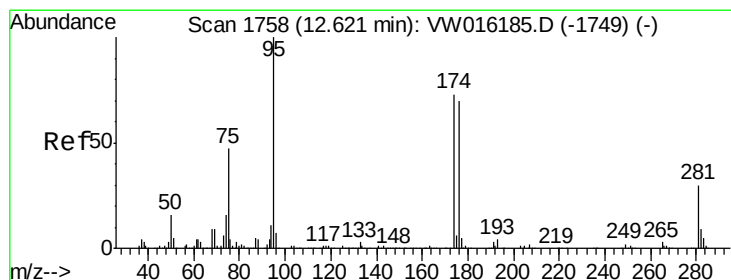
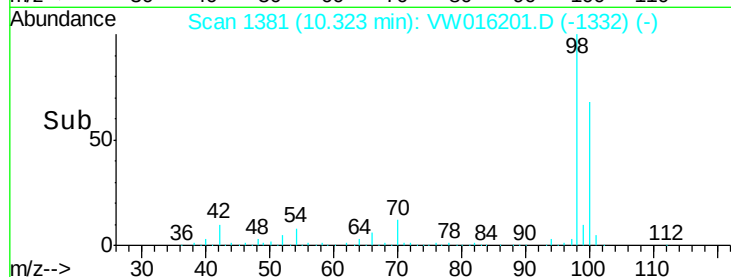
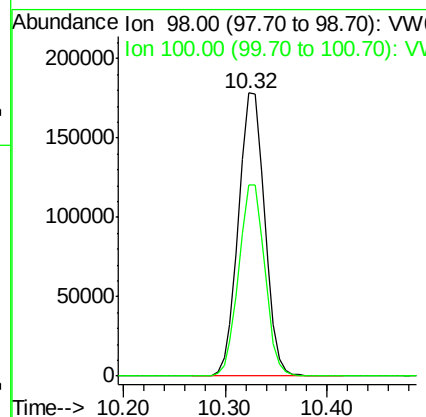
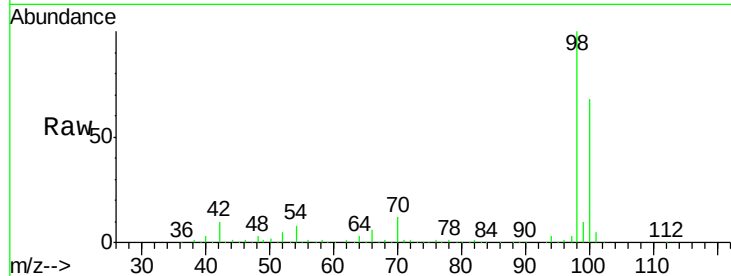
TP-1

Tot Ion: 98 Resp: 317723

Ion Ratio Lower Upper

98 100

100 67.1 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 24.854 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW016201.D

Acq: 14 Aug 2020 19:12

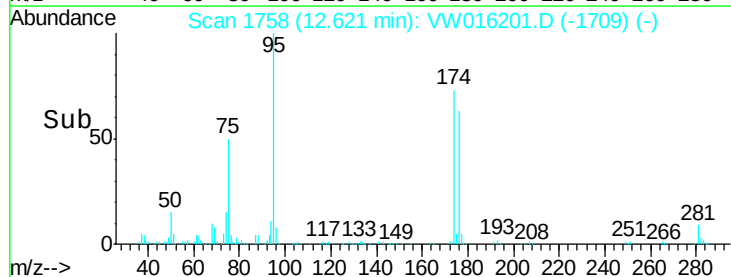
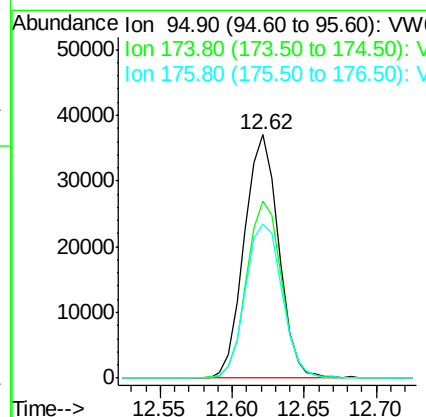
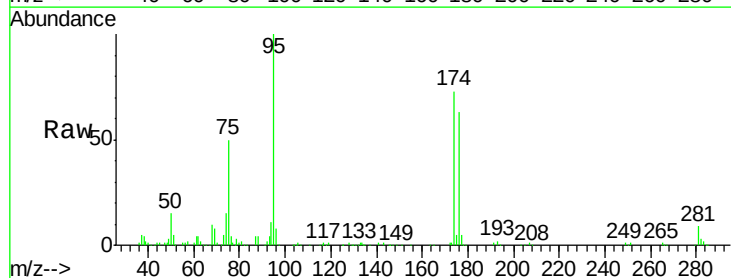
Tgt Ion: 95 Resp: 61356

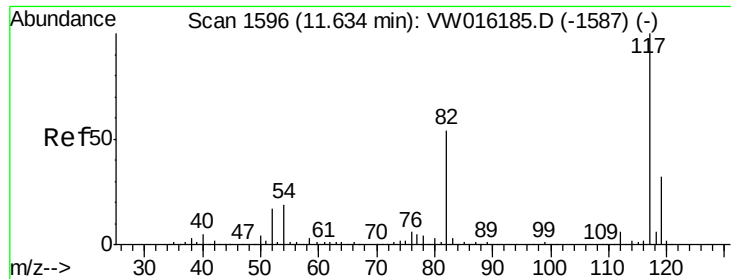
Ion Ratio Lower Upper

95 100

174 73.9 0.0 145.6

176 67.4 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW016201.D

Acq: 14 Aug 2020 19:12

Instrument :

MSVOA_W

ClientSampleId :

TP-1

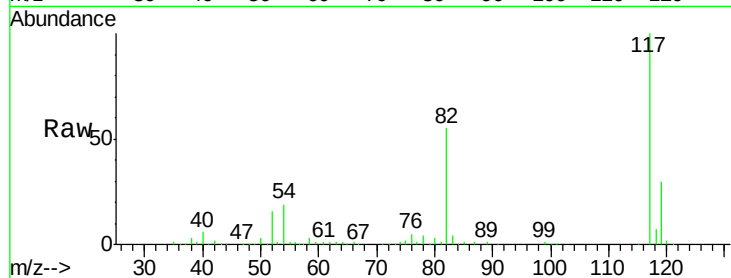
Tot Ion:117 Resp: 178236

Ion Ratio Lower Upper

117 100

82 54.6 43.6 65.4

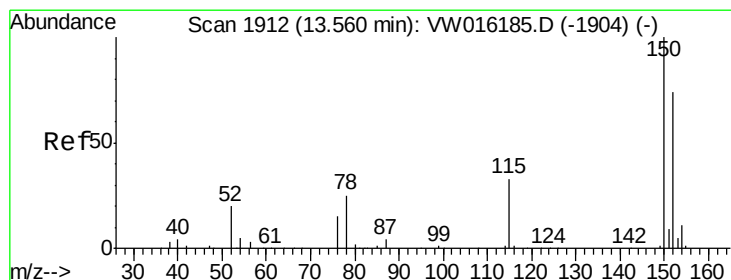
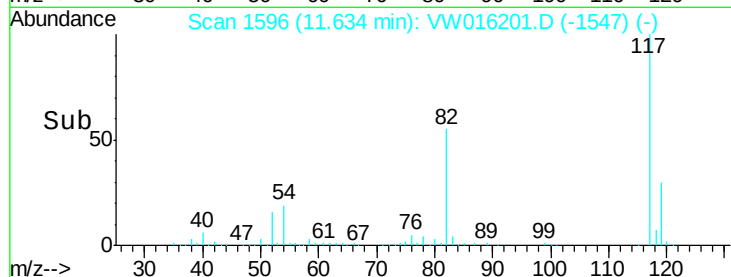
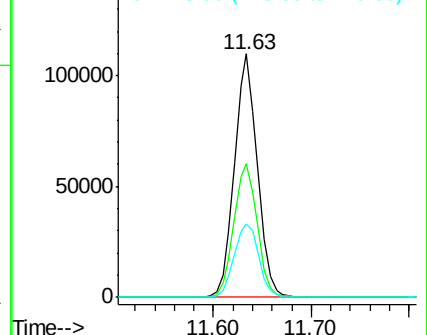
119 30.3 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW016201.D

Acq: 14 Aug 2020 19:12

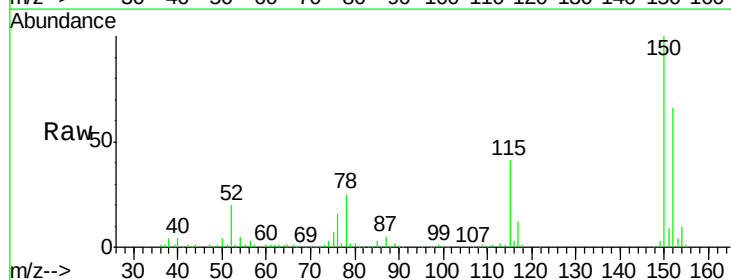
Tgt Ion:152 Resp: 41463

Ion Ratio Lower Upper

152 100

115 63.5 30.9 92.5

150 157.9 0.0 337.8



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

