

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015816.D
 Acq On : 08 Jul 2020 18:07
 Operator : SY/VA
 Sample : L3203-17
 Misc : 5.54G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RO-16

Quant Time: Jul 09 05:27:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	163296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	288704	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	122675	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	104967	62.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.84%	
35) Dibromofluoromethane	7.88	113	91249	54.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.34%	
50) Toluene-d8	10.32	98	364665	56.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.72%	
62) 4-Bromofluorobenzene	12.62	95	128425	54.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.18%	

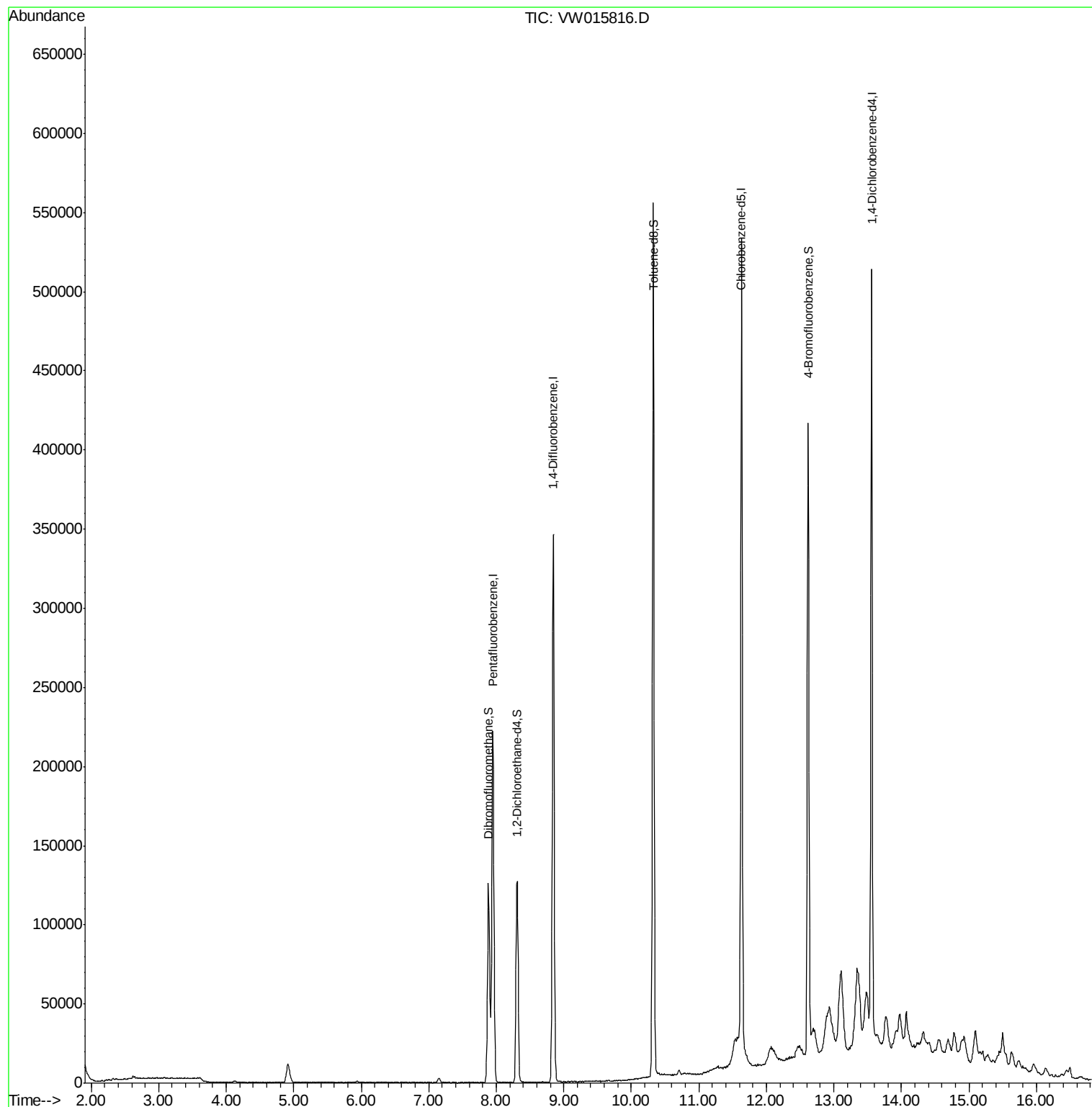
Target Compounds	Qvalue

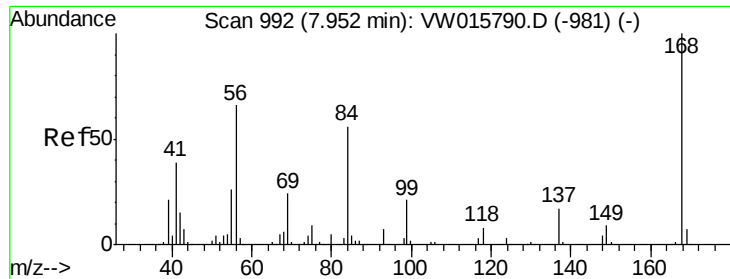
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015816.D

Acq: 08 Jul 2020 18:07

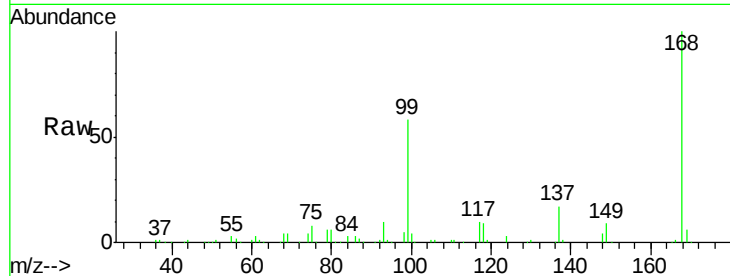
Instrument :
MSVOA_W
ClientSampleId :
RO-16

Tot Ion:168 Resp: 163296

Ion Ratio Lower Upper

168 100

99 58.1 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

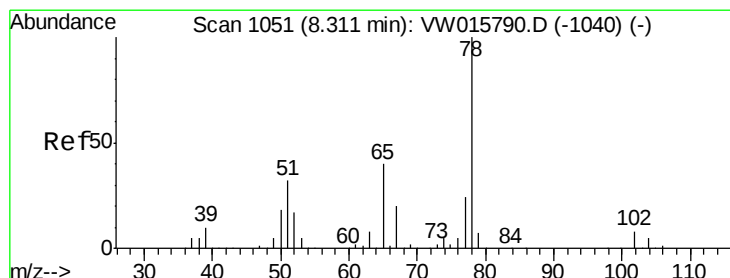
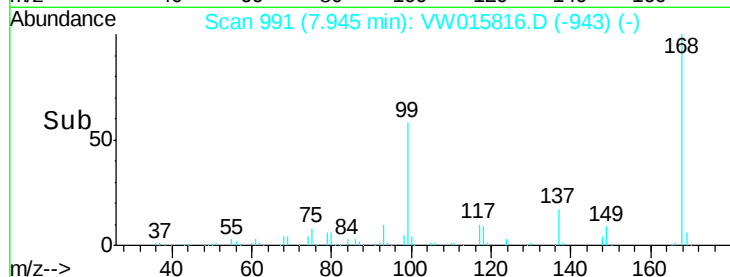
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 62.423 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW015816.D

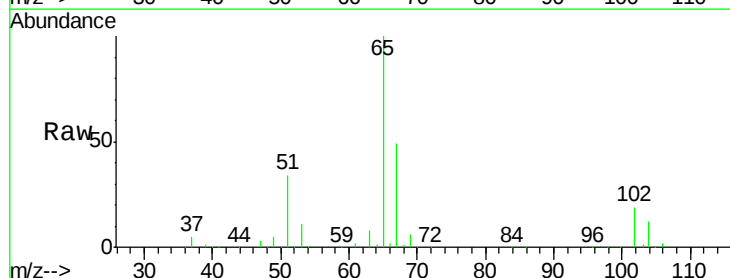
Acq: 08 Jul 2020 18:07

Tgt Ion: 65 Resp: 104967

Ion Ratio Lower Upper

65 100

67 49.5 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

50000

40000

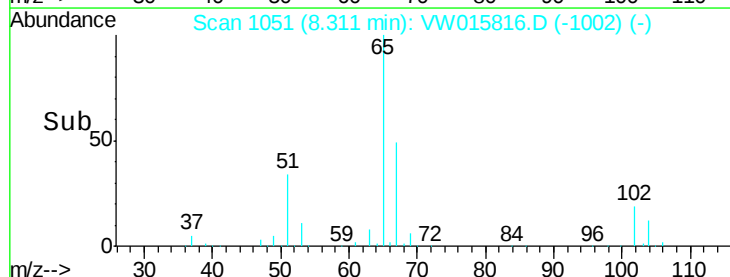
30000

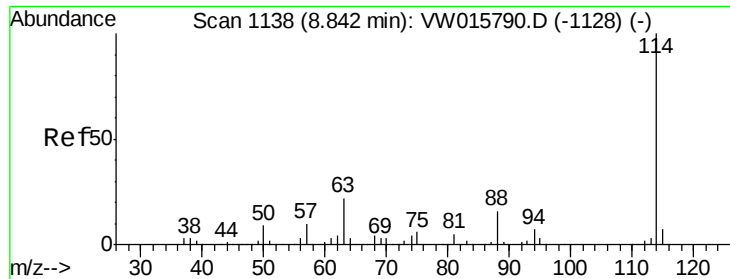
20000

10000

0

Time--> 8.20 8.30 8.40

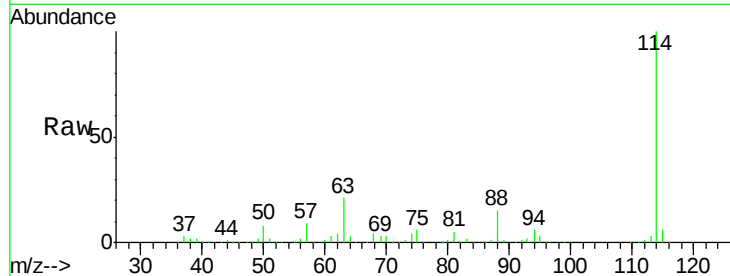




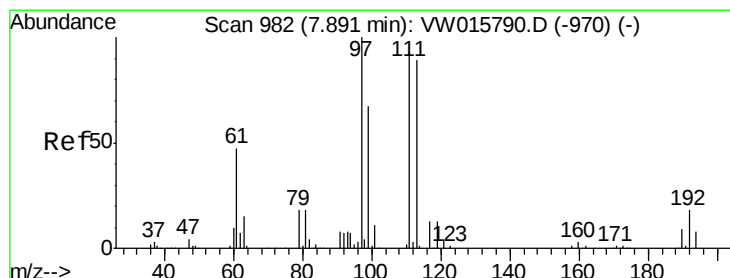
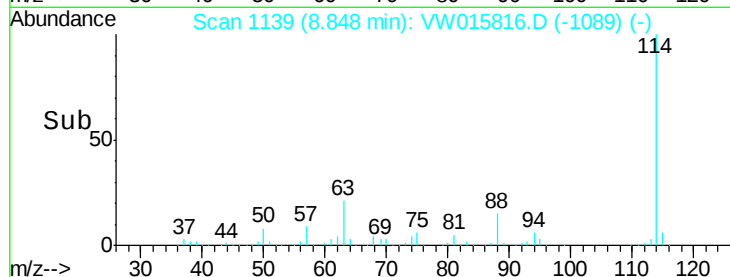
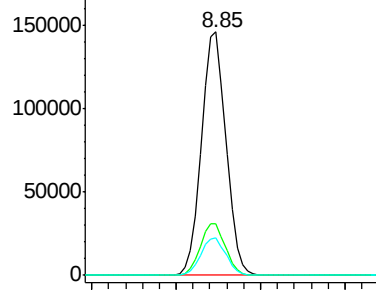
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015816.D
 Acq: 08 Jul 2020 18:07

Instrument :
 MSVOA_W
 ClientSampleId :
 RO-16

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	44.4
88	15.5	0.0	32.6

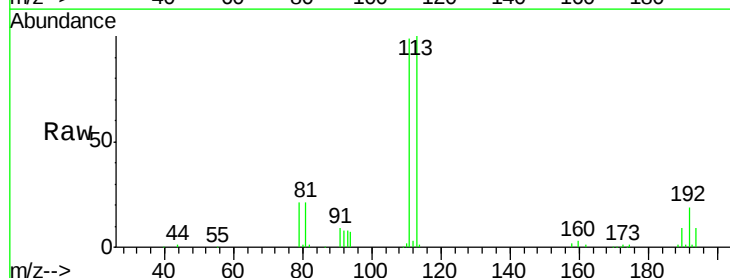


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

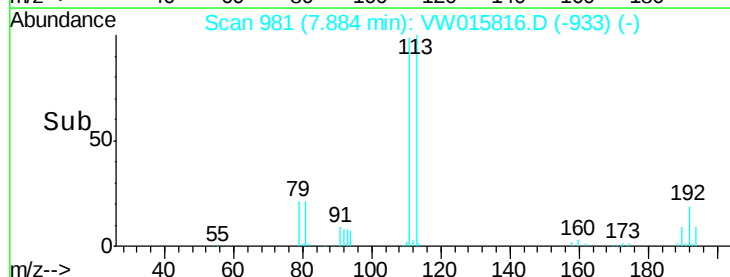
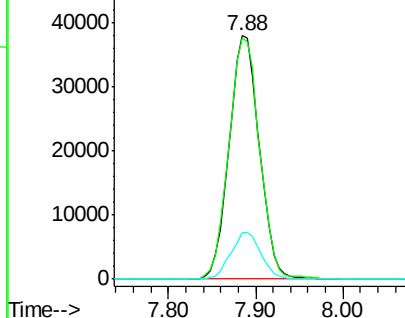


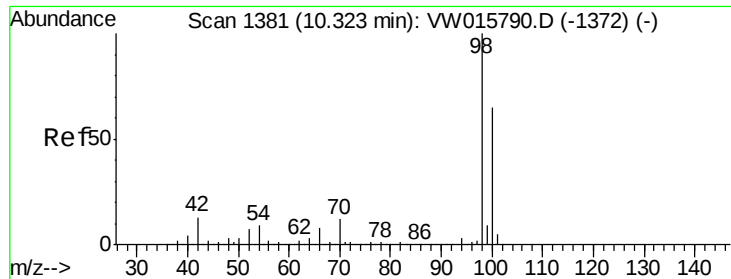
#35
 Dibromofluoromethane
 Concen: 54.175 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW015816.D
 Acq: 08 Jul 2020 18:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.8	124.2
192	19.0	15.4	23.2



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: 56.364 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015816.D

Acq: 08 Jul 2020 18:07

Instrument :

MSVOA_W

ClientSampleId :

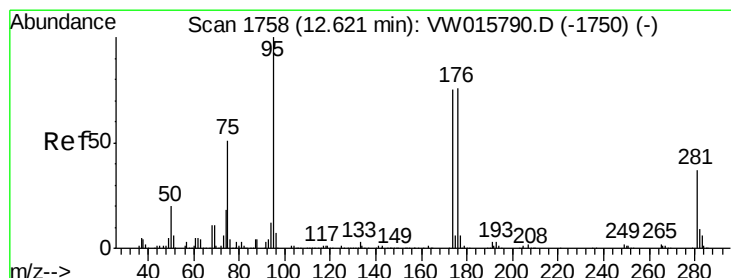
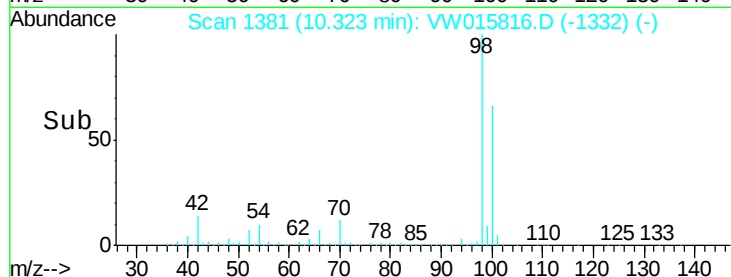
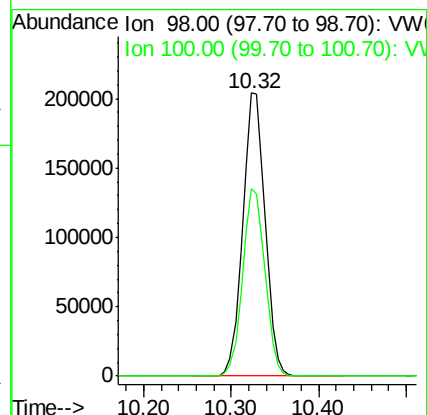
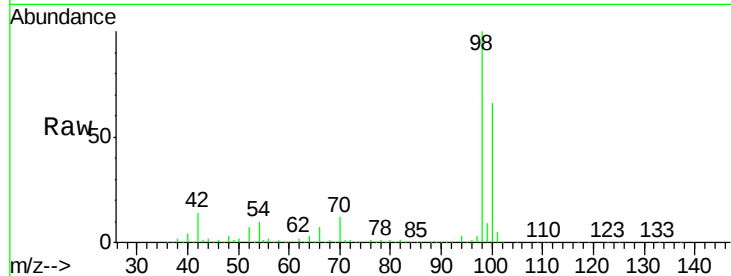
RO-16

Tot Ion: 98 Resp: 364665

Ion Ratio Lower Upper

98 100

100 65.8 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 54.095 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW015816.D

Acq: 08 Jul 2020 18:07

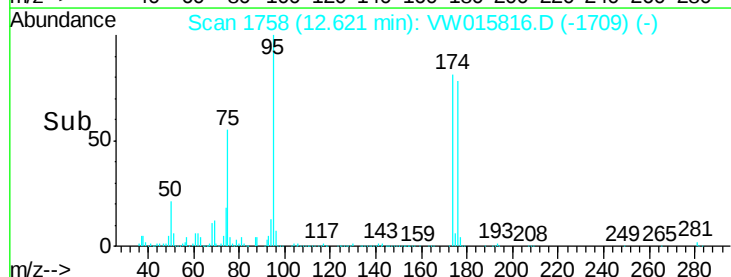
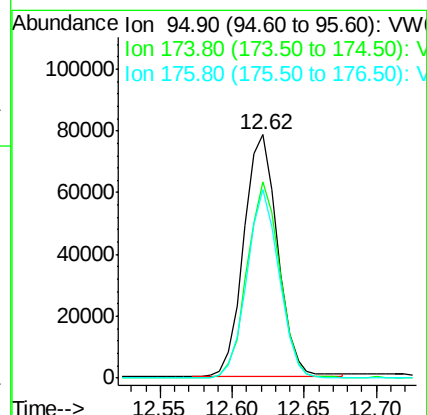
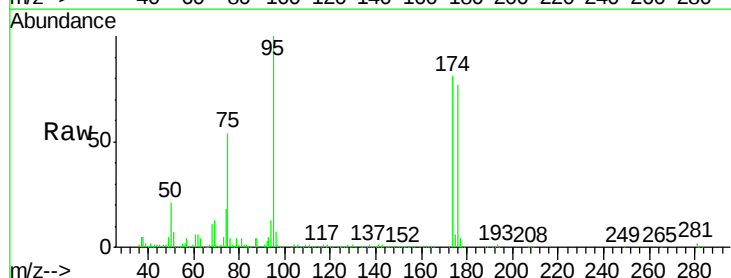
Tgt Ion: 95 Resp: 128425

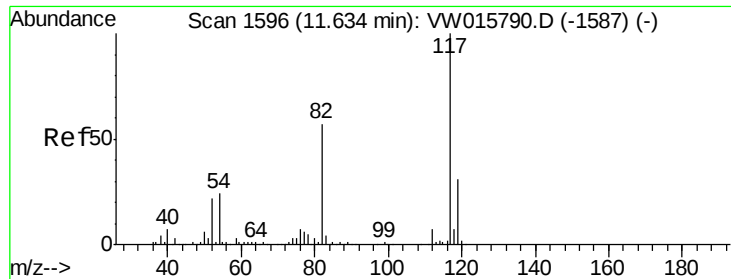
Ion Ratio Lower Upper

95 100

174 77.2 0.0 150.2

176 73.4 0.0 148.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW015816.D

Acq: 08 Jul 2020 18:07

Instrument :

MSVOA_W

ClientSampled :

RO-16

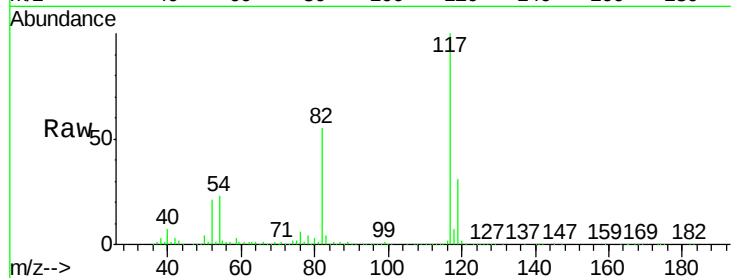
Tot Ion:117 Resp: 275793

Ion Ratio Lower Upper

117 100

82 55.1 45.5 68.3

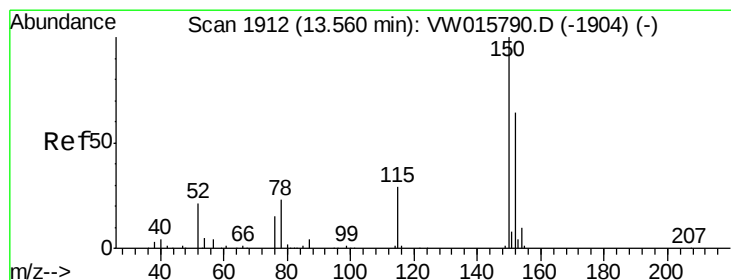
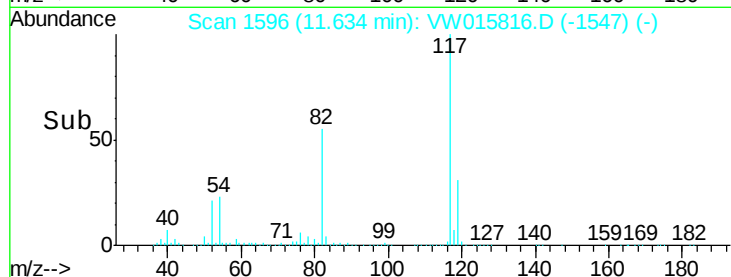
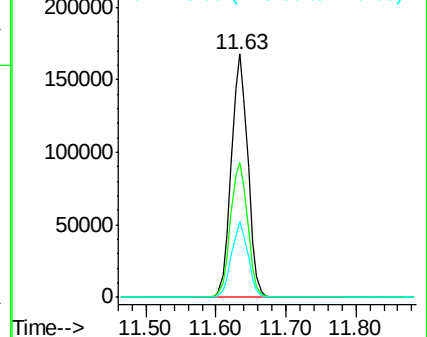
119 31.1 25.0 37.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VW015816.D

Acq: 08 Jul 2020 18:07

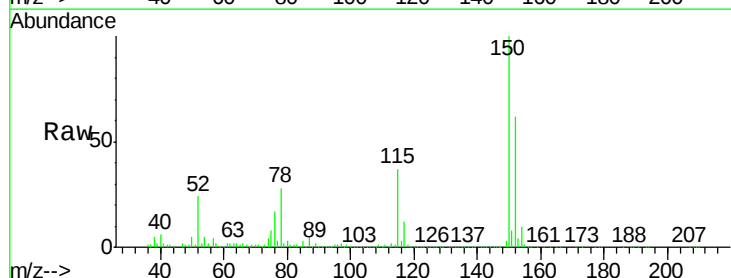
Tgt Ion:152 Resp: 122675

Ion Ratio Lower Upper

152 100

115 59.8 29.9 89.7

150 156.8 0.0 350.8



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

