

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070920\
 Data File : VW015833.D
 Acq On : 09 Jul 2020 17:01
 Operator : SY/VA
 Sample : L3203-17RE
 Misc : 7.24G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RO-16RE

Quant Time: Jul 10 06:24:00 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	7.96	168	104951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	175009	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	153598	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	58704	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	82847	76.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	153.32%	
35) Dibromofluoromethane	7.88	113	70108	68.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.32%	
50) Toluene-d8	10.33	98	253533	64.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.28%	
62) 4-Bromofluorobenzene	12.62	95	75152	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	

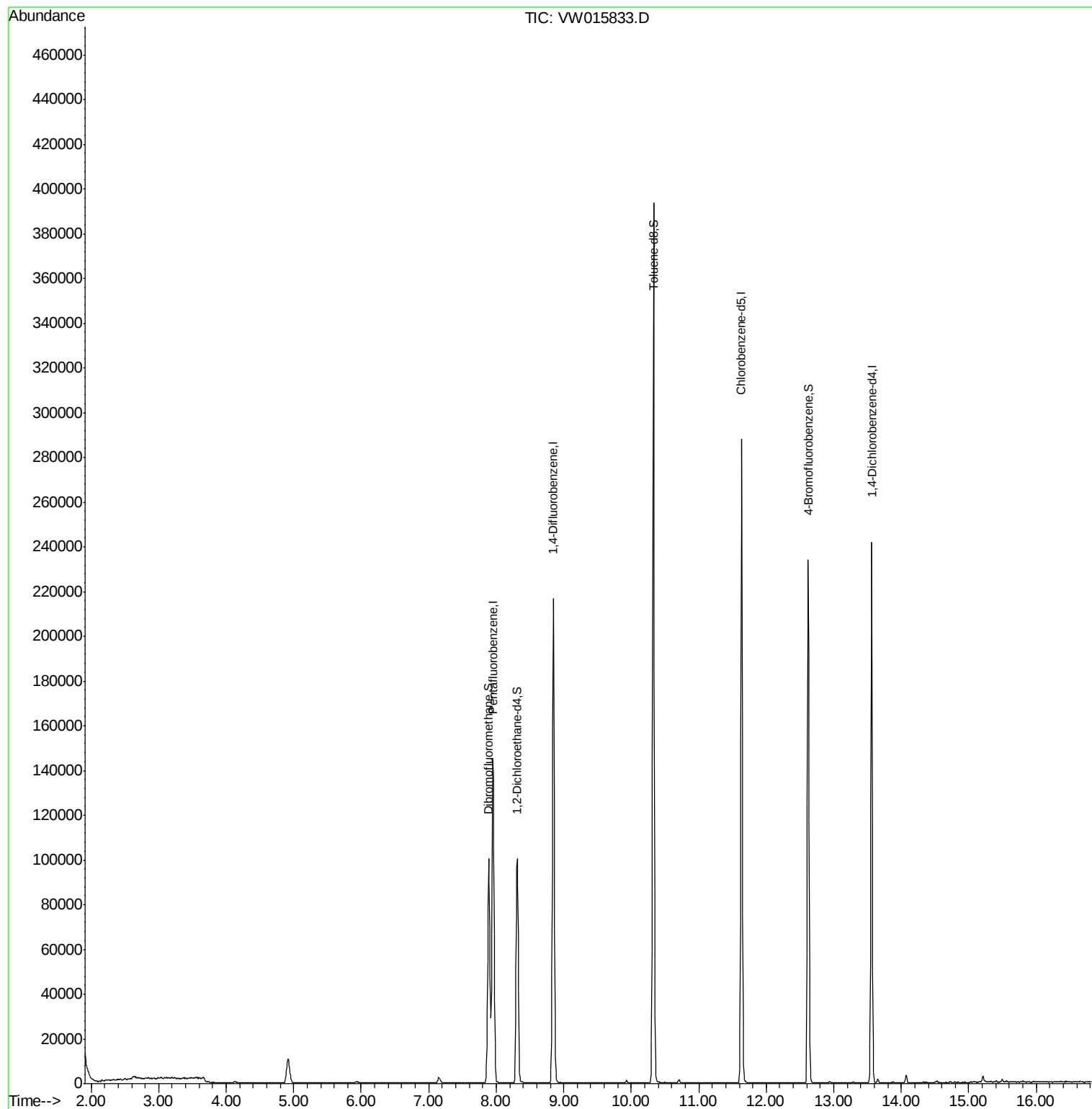
Target Compounds	Qvalue
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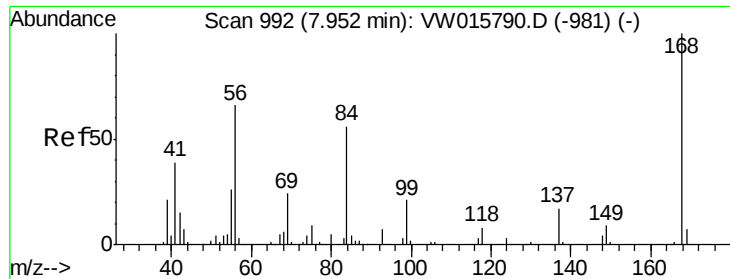
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW015833.D

Acq: 09 Jul 2020 17:01

Instrument :

MSVOA_W

ClientSampleId :

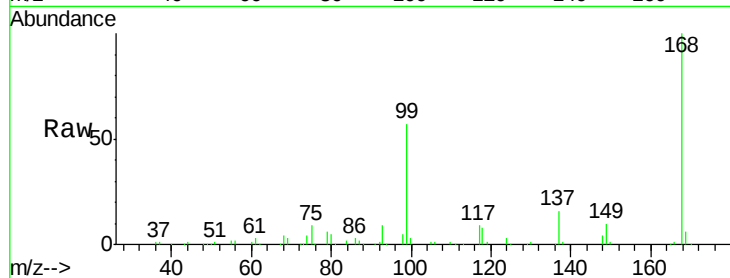
RO-16RE

Tot Ion:168 Resp: 104951

Ion Ratio Lower Upper

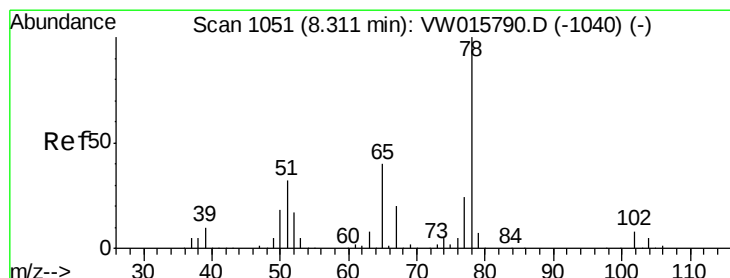
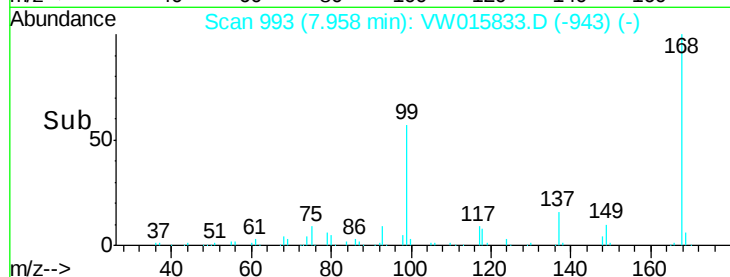
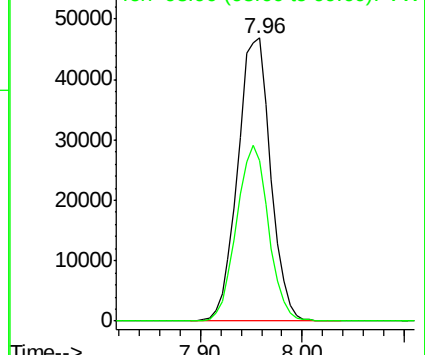
168 100

99 56.8 47.8 71.8



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: 76.658 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW015833.D

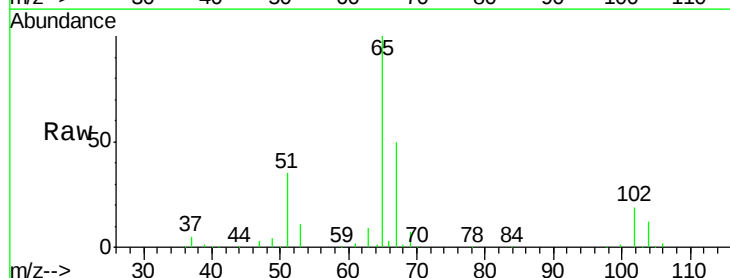
Acq: 09 Jul 2020 17:01

Tgt Ion: 65 Resp: 82847

Ion Ratio Lower Upper

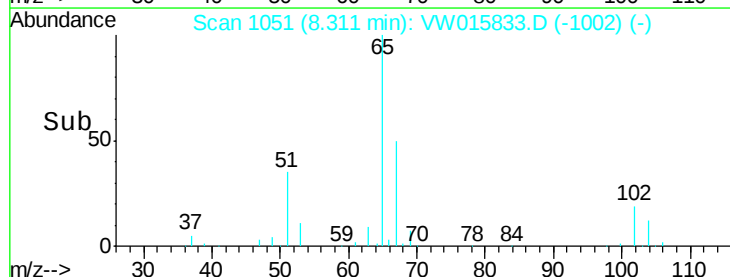
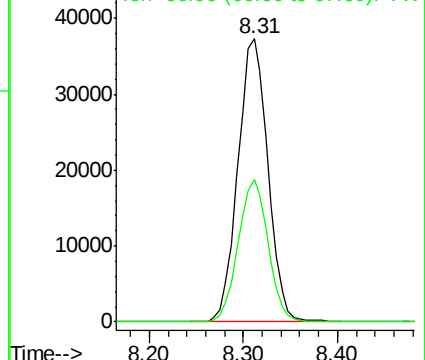
65 100

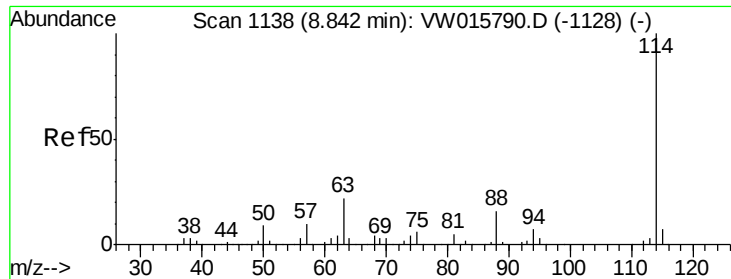
67 50.1 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

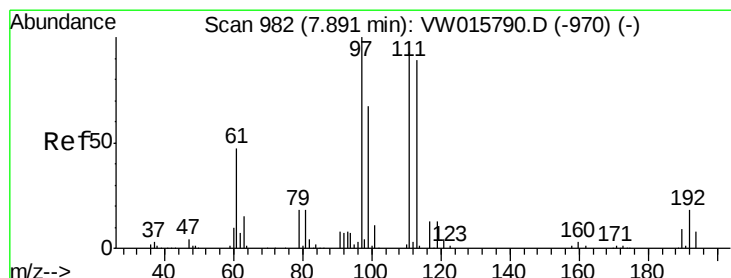
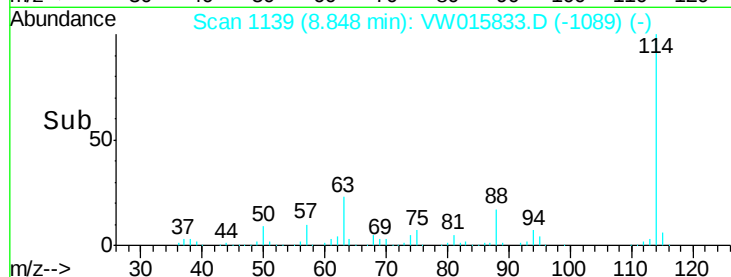
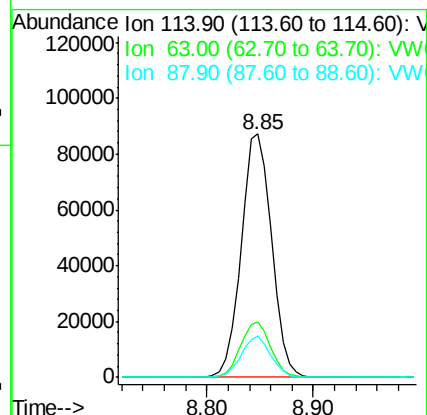
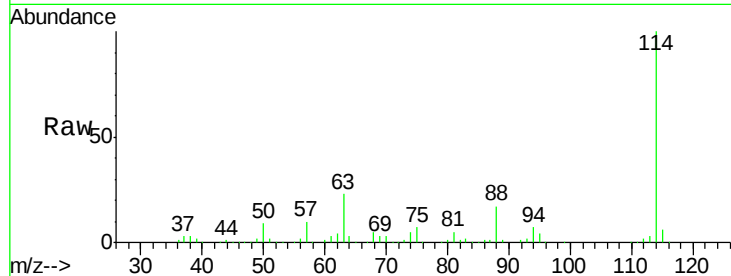




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015833.D
 Acq: 09 Jul 2020 17:01

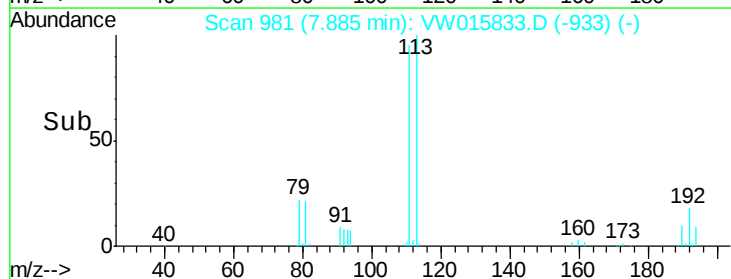
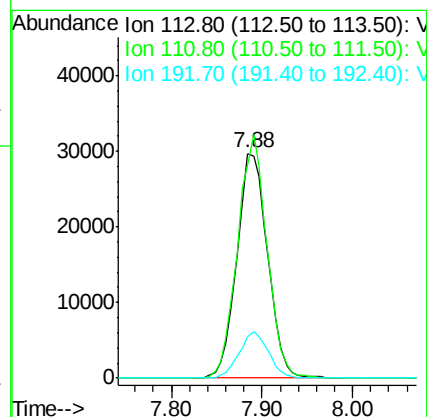
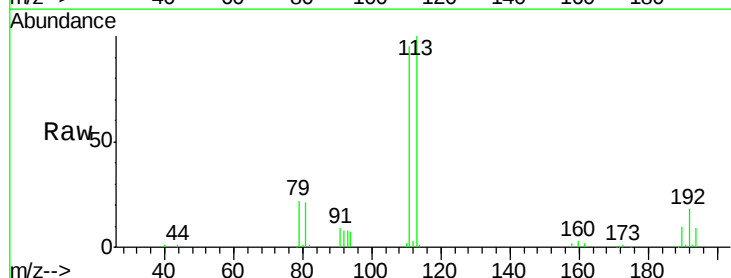
Instrument :
 MSVOA_W
 ClientSampleId :
 RO-16RE

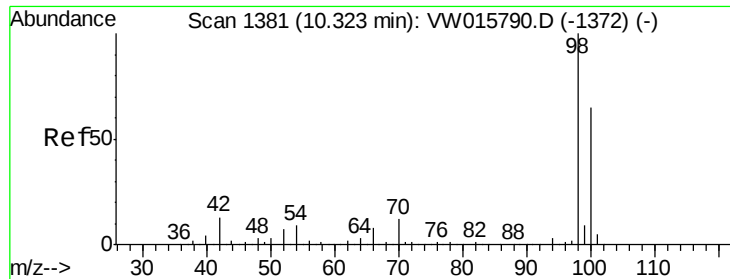
Tot Ion:114 Resp: 175009
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 44.4
 88 16.8 0.0 32.6



#35
 Dibromofluoromethane
 Concen: 68.664 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW015833.D
 Acq: 09 Jul 2020 17:01

Tgt Ion:113 Resp: 70108
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.8 124.2
 192 19.6 15.4 23.2





#50

Toluene-d8

Concen: 64.645 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW015833.D

Acq: 09 Jul 2020 17:01

Instrument :

MSVOA_W

ClientSampleId :

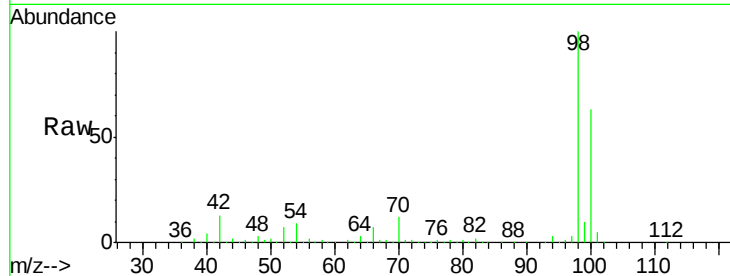
RO-16RE

Tot Ion: 98 Resp: 253533

Ion Ratio Lower Upper

98 100

100 64.4 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

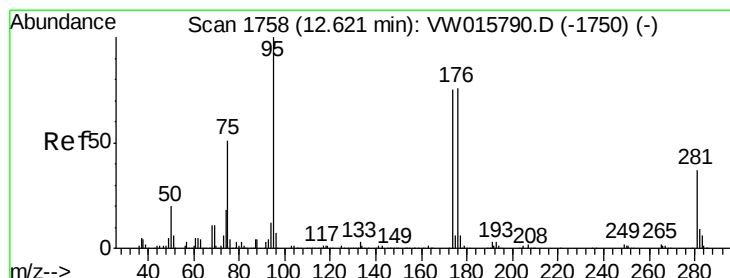
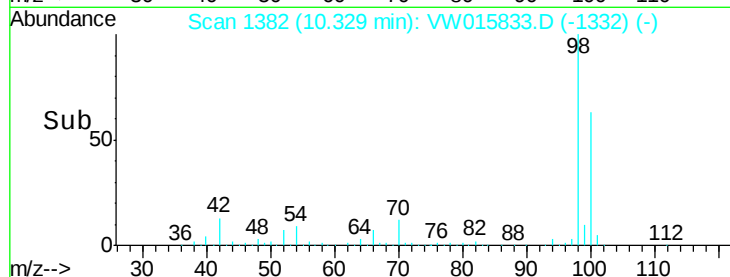
150000

100000

50000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 52.220 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW015833.D

Acq: 09 Jul 2020 17:01

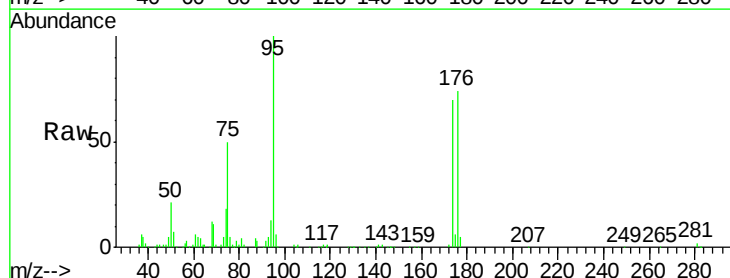
Tgt Ion: 95 Resp: 75152

Ion Ratio Lower Upper

95 100

174 75.7 0.0 150.2

176 73.9 0.0 148.4



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

12.62

60000

50000

40000

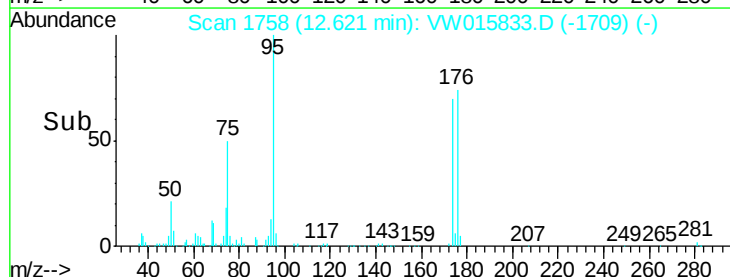
30000

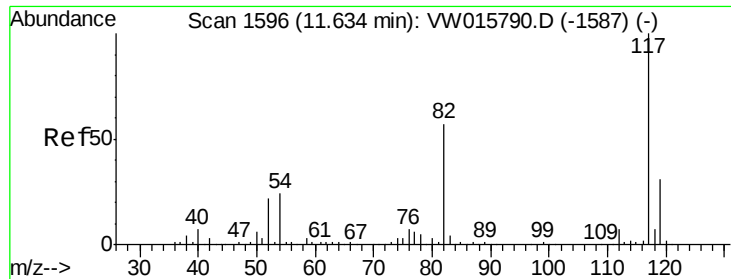
20000

10000

0

Time--> 12.50 12.60 12.70

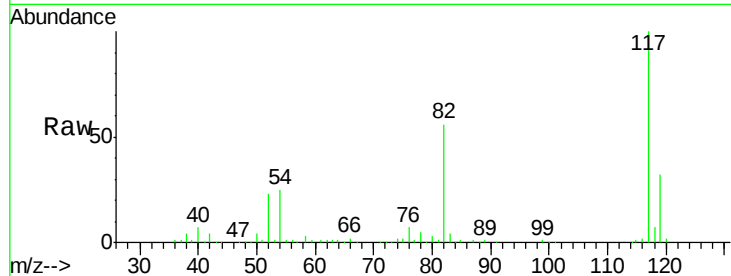




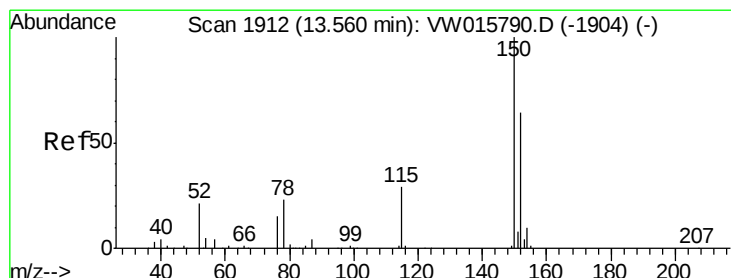
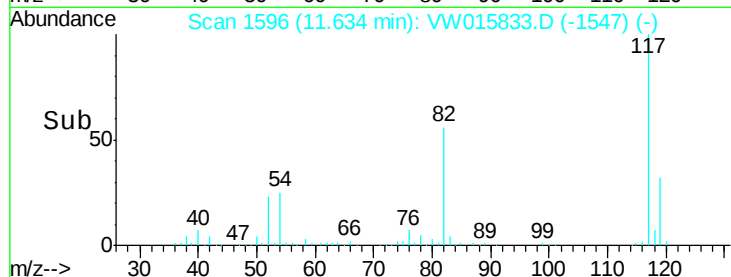
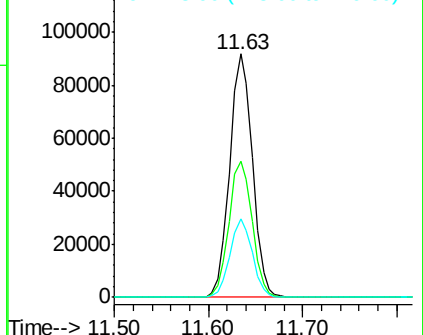
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015833.D
Acq: 09 Jul 2020 17:01

Instrument :
MSVOA_W
ClientSampleId :
RO-16RE

Tot Ion:117 Resp: 153598
Ion Ratio Lower Upper
117 100
82 55.9 45.5 68.3
119 32.1 25.0 37.6

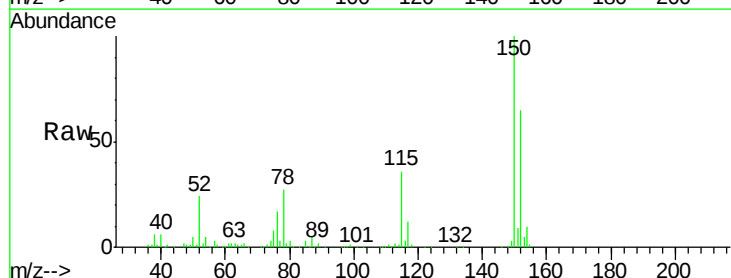


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW015833.D
Acq: 09 Jul 2020 17:01

Tgt Ion:152 Resp: 58704
Ion Ratio Lower Upper
152 100
115 60.4 29.9 89.7
150 156.7 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

