

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042320\
 Data File : VW015325.D
 Acq On : 23 Apr 2020 12:08
 Operator : SY/VA
 Sample : L2394-06
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 O-1A

Quant Time: Apr 24 09:21:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	159903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	219967	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	187281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	75664	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	56787	43.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.86%	
35) Dibromofluoromethane	7.89	113	59100	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
50) Toluene-d8	10.32	98	256147	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.62	95	78525	40.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.30%	

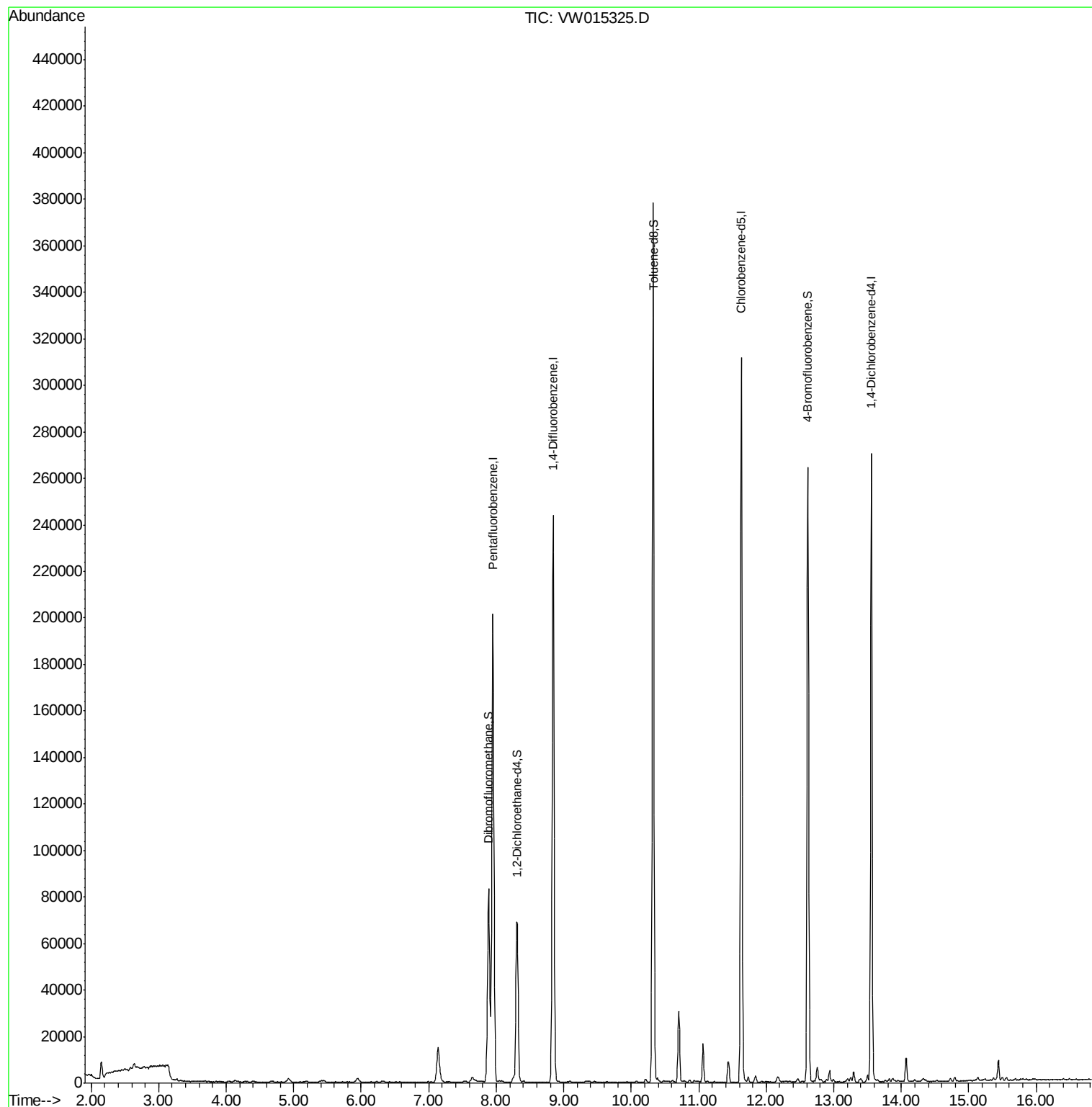
Target Compounds	Qvalue

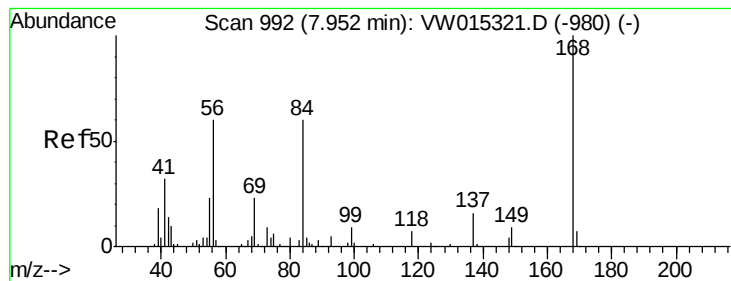
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015325.D

Acq: 23 Apr 2020 12:08

Instrument :

MSVOA_W

ClientSampled :

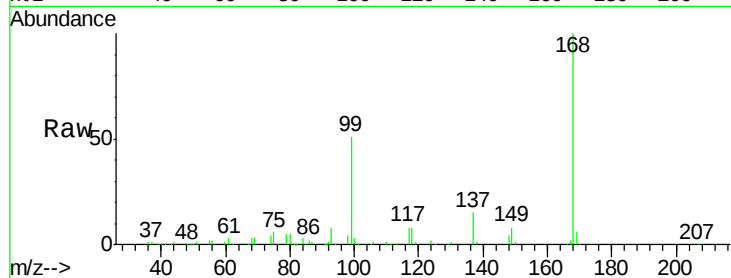
O-1A

Tot Ion:168 Resp: 159903

Ion Ratio Lower Upper

168 100

99 50.5 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

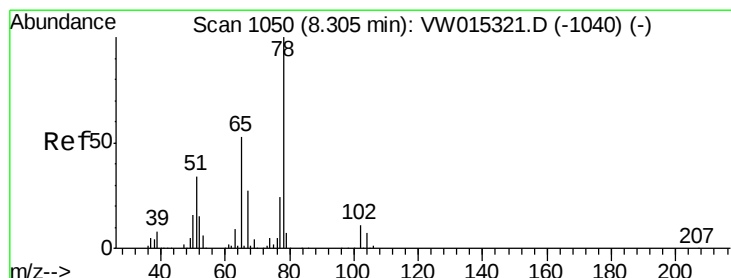
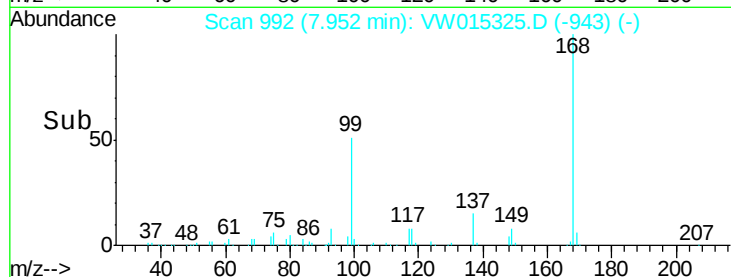
40000

20000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 43.428 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015325.D

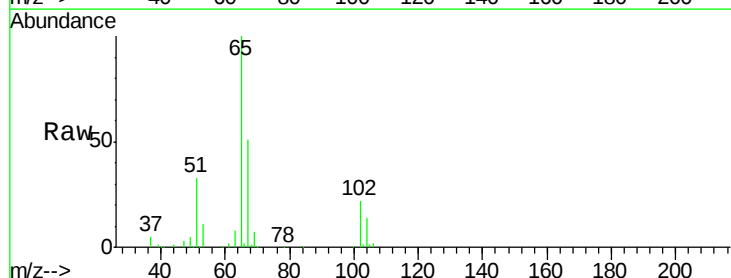
Acq: 23 Apr 2020 12:08

Tgt Ion: 65 Resp: 56787

Ion Ratio Lower Upper

65 100

67 50.6 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

30000

25000

20000

15000

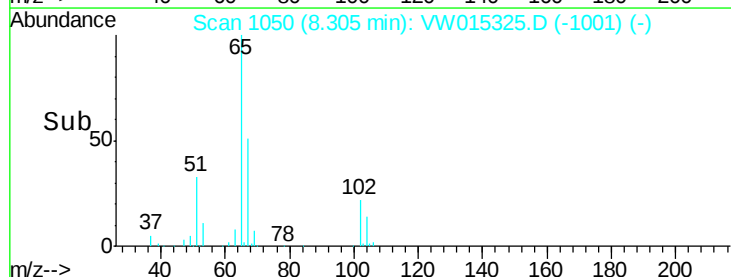
10000

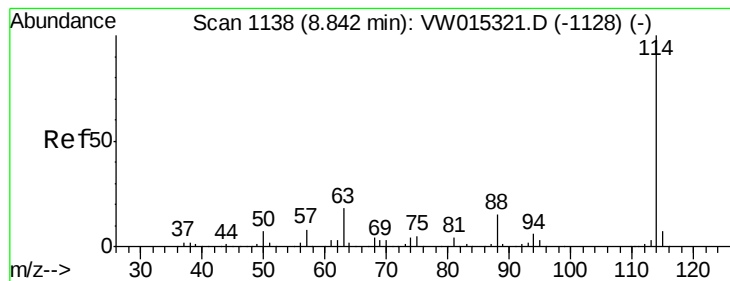
5000

0

8.20 8.30 8.40 8.50

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW015325.D

Acq: 23 Apr 2020 12:08

Instrument :

MSVOA_W

ClientSampled :

O-1A

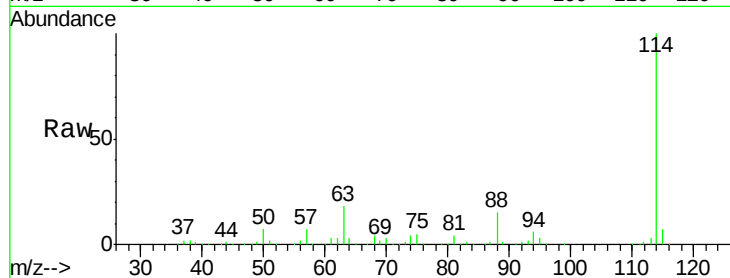
Tot Ion:114 Resp: 219967

Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.8

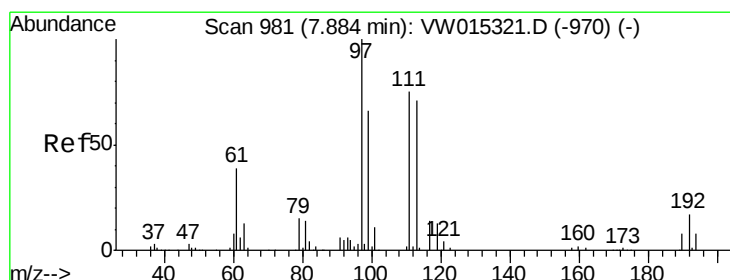
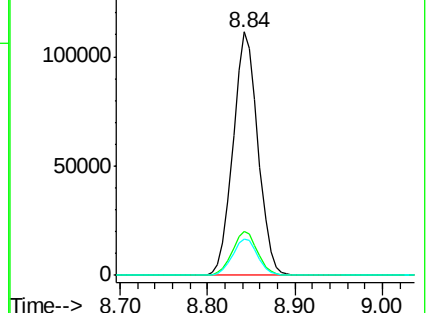
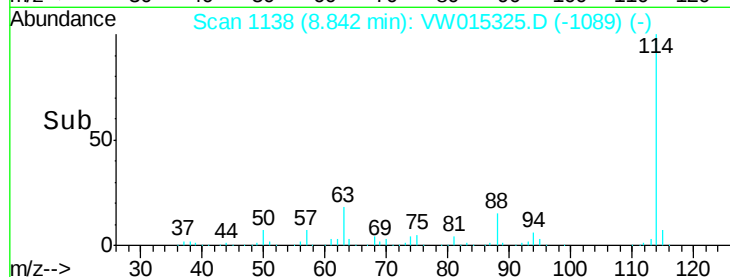
88 15.0 0.0 30.2



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: 48.505 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW015325.D

Acq: 23 Apr 2020 12:08

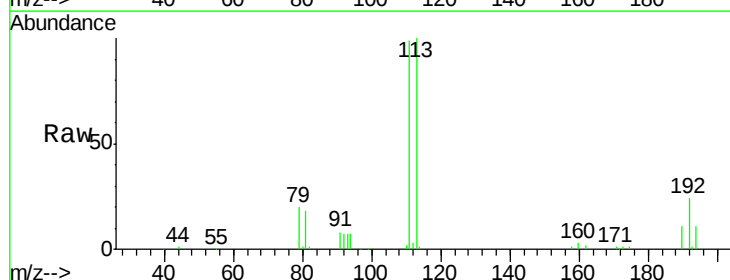
Tgt Ion:113 Resp: 59100

Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.4

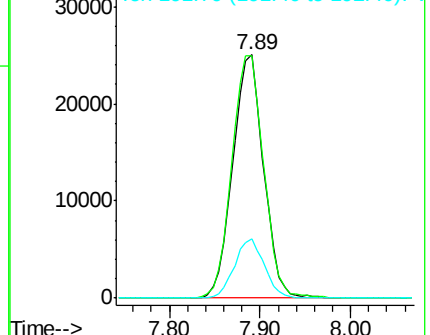
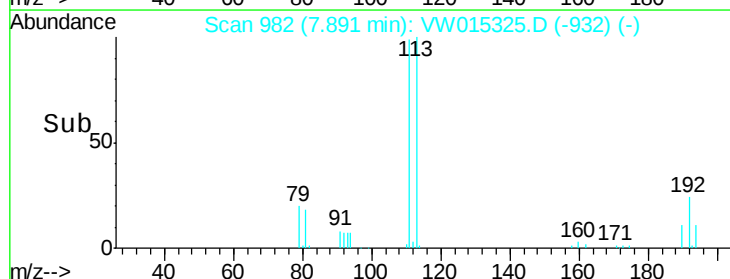
192 23.5 15.1 22.7#

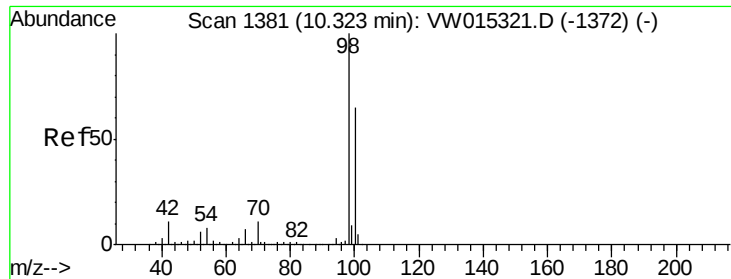


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.974 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015325.D

Acq: 23 Apr 2020 12:08

Instrument :

MSVOA_W

ClientSampleId :

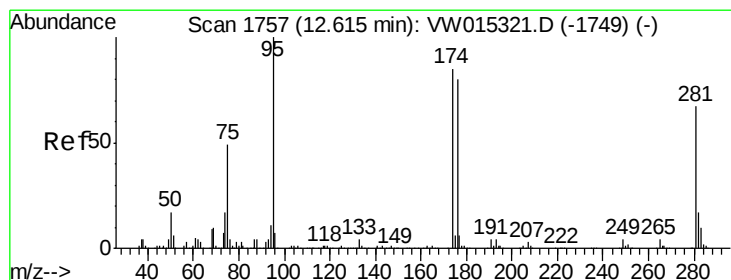
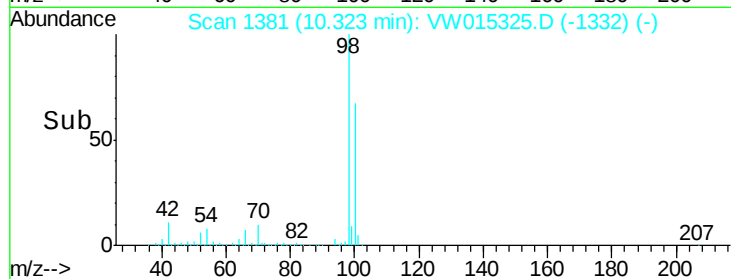
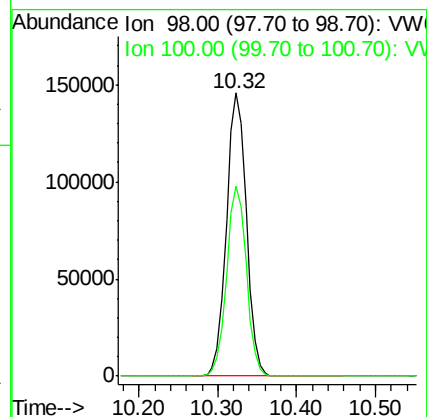
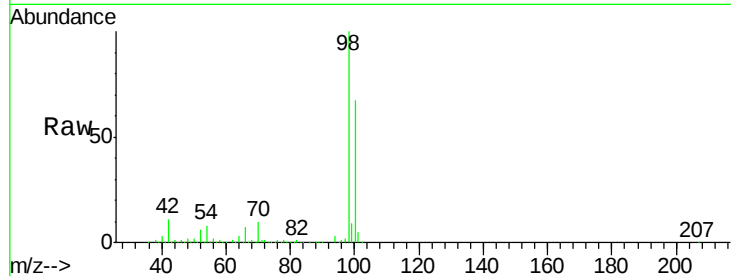
O-1A

Tot Ion: 98 Resp: 256147

Ion Ratio Lower Upper

98 100

100 66.7 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 40.153 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015325.D

Acq: 23 Apr 2020 12:08

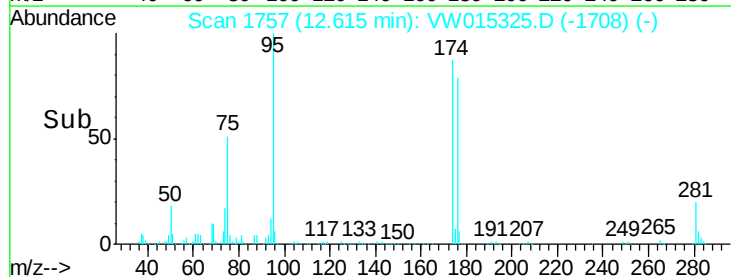
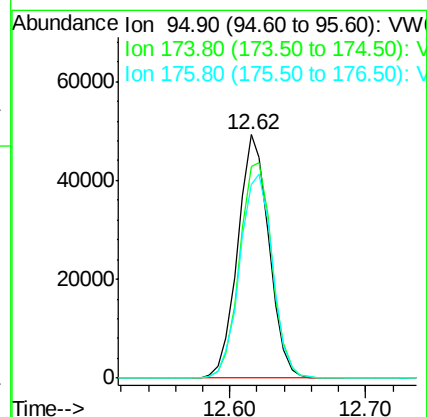
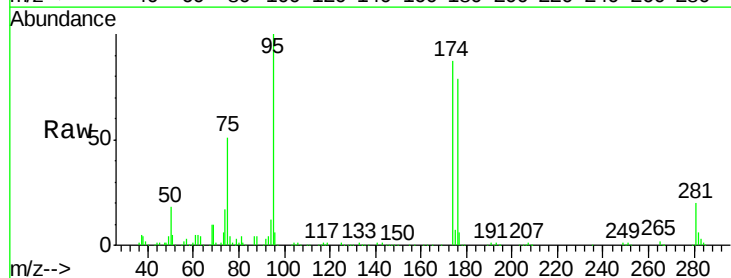
Tgt Ion: 95 Resp: 78525

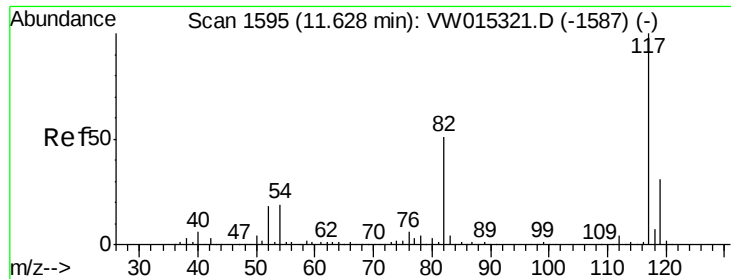
Ion Ratio Lower Upper

95 100

174 91.9 0.0 144.4

176 88.0 0.0 140.6

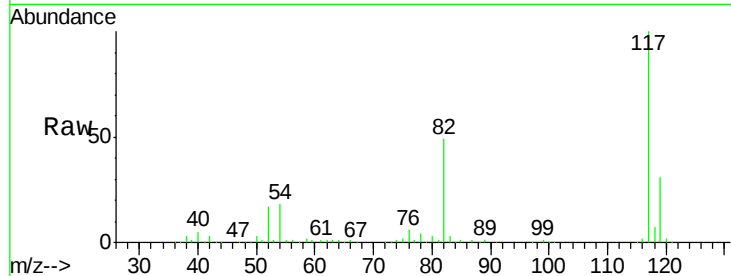




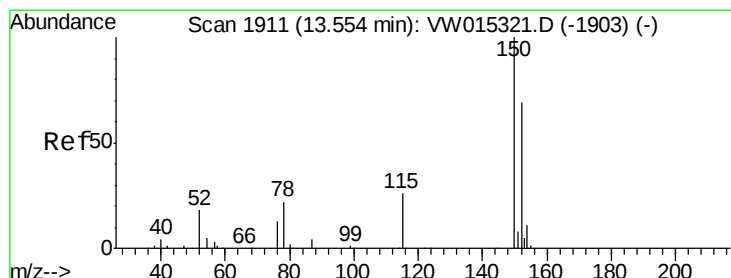
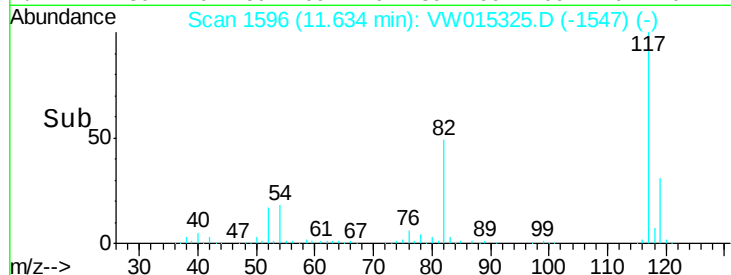
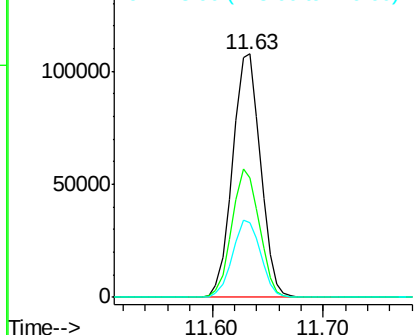
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015325.D
Acq: 23 Apr 2020 12:08

Instrument :
MSVOA_W
ClientSampleId :
O-1A

Tot Ion:117 Resp: 187281
Ion Ratio Lower Upper
117 100
82 48.9 44.1 66.1
119 30.7 24.9 37.3

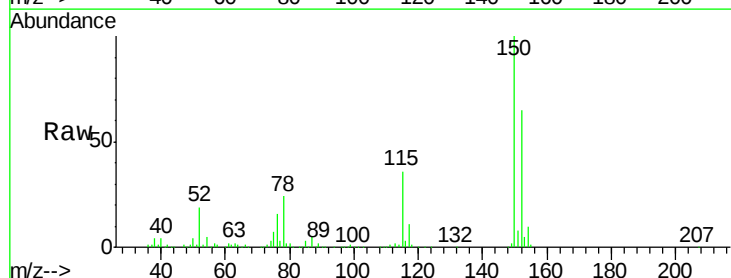


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW015325.D
Acq: 23 Apr 2020 12:08

Tgt Ion:152 Resp: 75664
Ion Ratio Lower Upper
152 100
115 54.7 31.3 93.9
150 155.9 0.0 343.4



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

