

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050919\
 Data File : VW010344.D
 Acq On : 09 May 2019 18:44
 Operator : SY/VA
 Sample : K2718-02
 Misc : 6.19G/5ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS004-1824-01

Quant Time: May 10 03:22:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 13:55:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1262837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2159922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1898189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	832348	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	850013	63.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.62%	
35) Dibromofluoromethane	7.88	113	723367	57.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.46%	
50) Toluene-d8	10.32	98	2786830	54.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.30%	
62) 4-Bromofluorobenzene	12.62	95	897097	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	

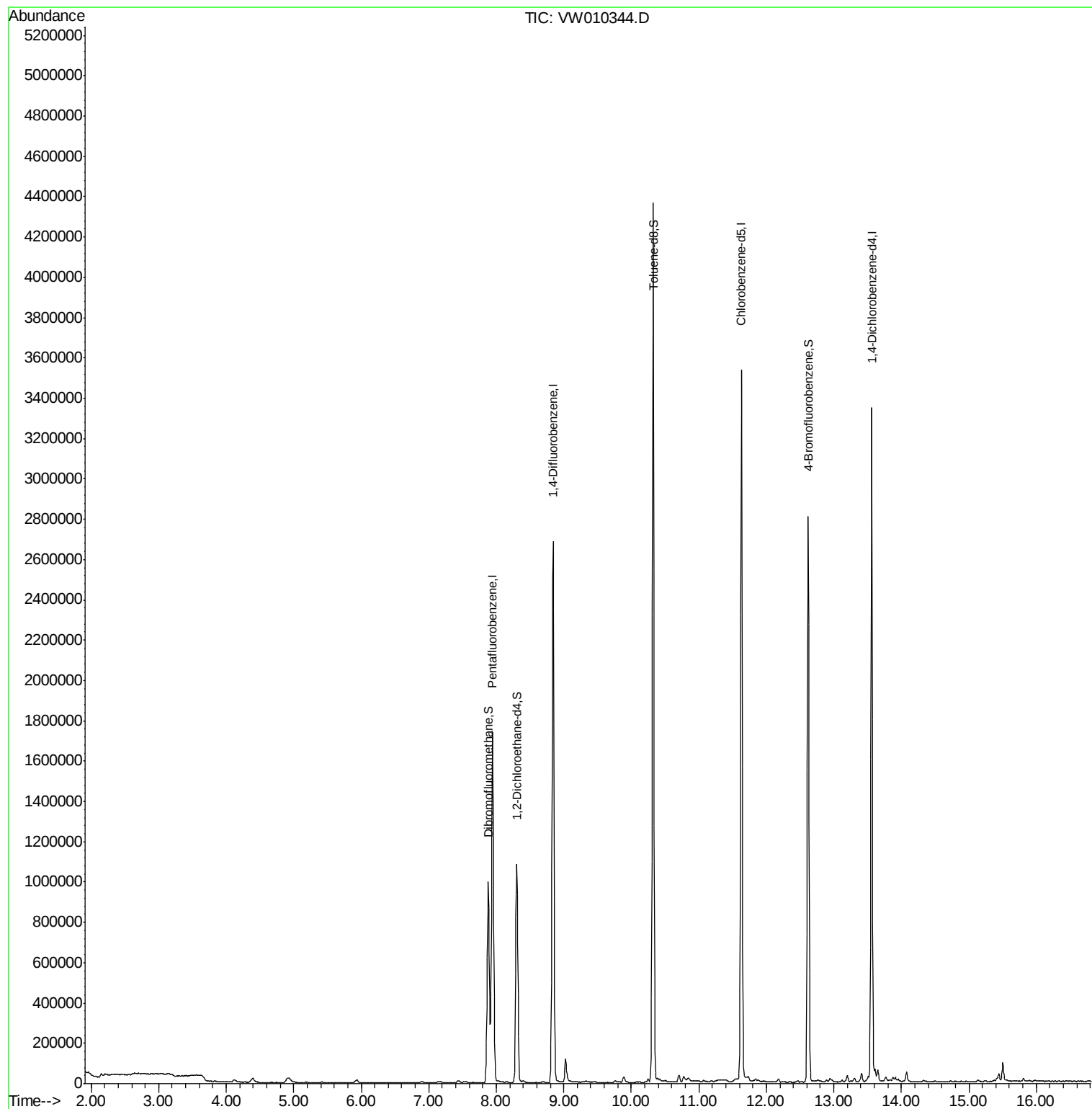
Target Compounds	Qvalue
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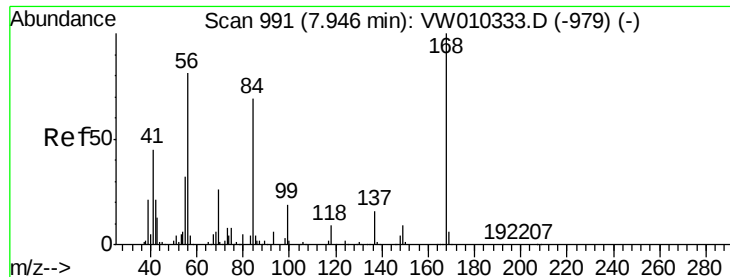
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010344.D

Acq: 09 May 2019 18:44

Instrument :

MSVOA_W

ClientSampleId :

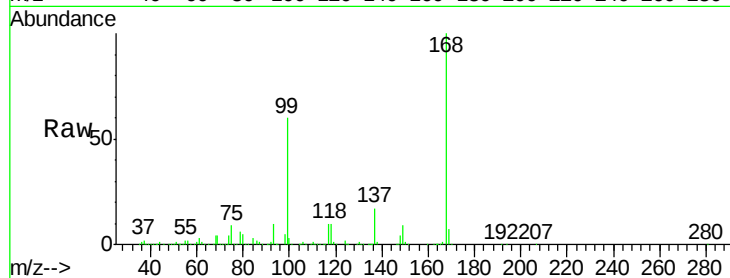
P026-SS004-1824-01

Tgt Ion:168 Resp: 1262837

Ion Ratio Lower Upper

168 100

99 59.8 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

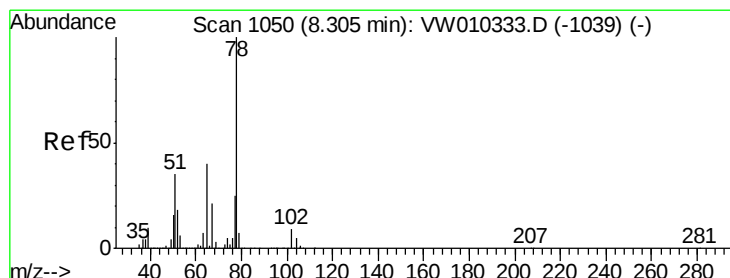
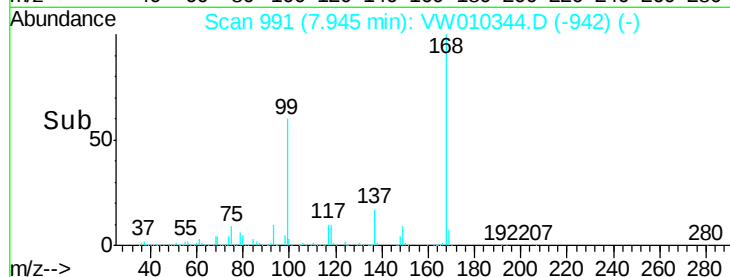
600000

400000

200000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 63.313 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010344.D

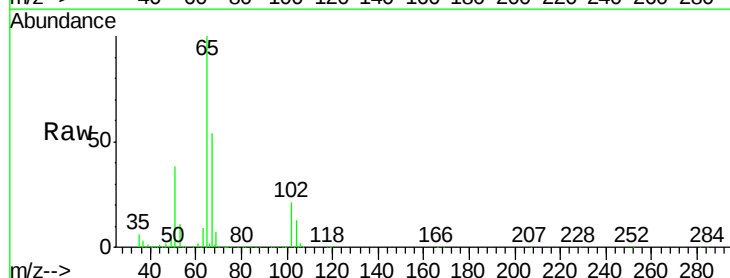
Acq: 09 May 2019 18:44

Tgt Ion: 65 Resp: 850013

Ion Ratio Lower Upper

65 100

67 53.0 0.0 100.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

400000

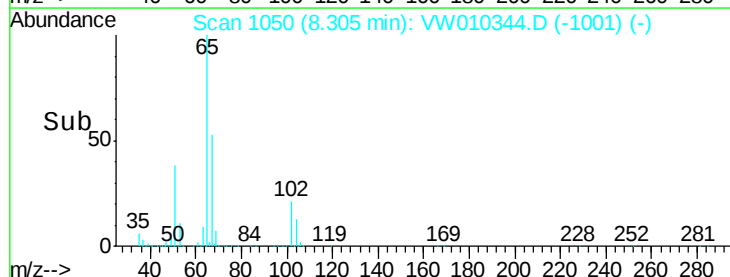
300000

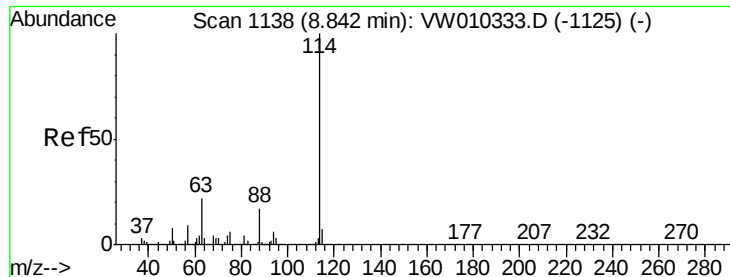
200000

100000

0

Time-->

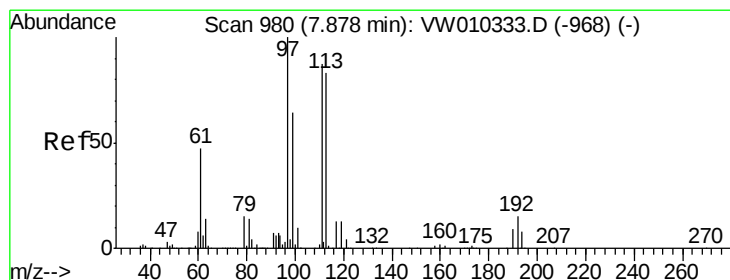
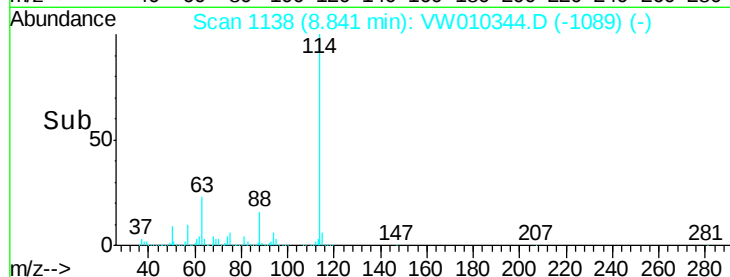
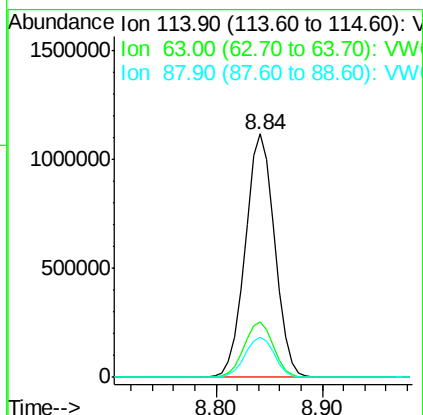
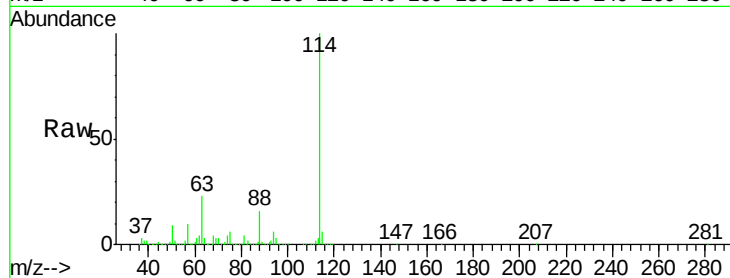




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW010344.D
Acq: 09 May 2019 18:44

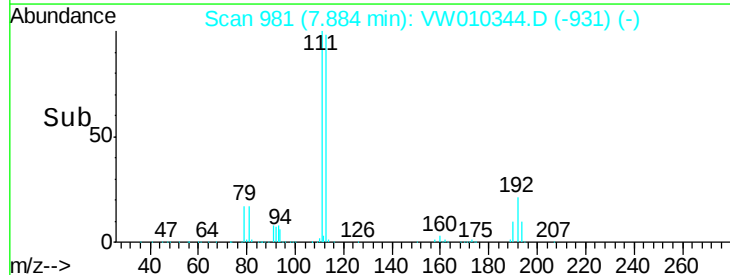
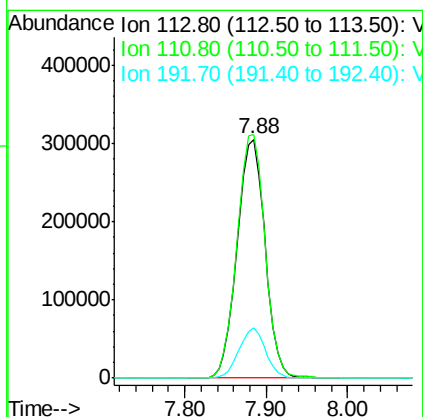
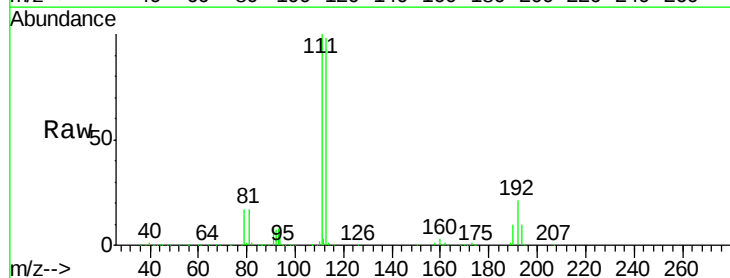
Instrument :
MSVOA_W
ClientSampleId :
P026-SS004-1824-01

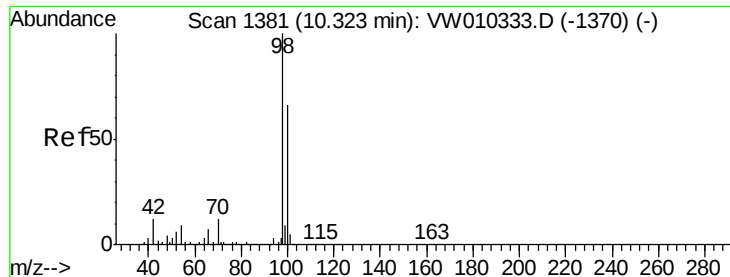
Tgt Ion:114 Resp: 2159922
Ion Ratio Lower Upper
114 100
63 23.0 0.0 46.2
88 16.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 57.230 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW010344.D
Acq: 09 May 2019 18:44

Tgt Ion:113 Resp: 723367
Ion Ratio Lower Upper
113 100
111 102.4 82.6 123.8
192 20.1 15.4 23.2





#50

Toluene-d8

Concen: 54.146 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010344.D

Acq: 09 May 2019 18:44

Instrument :

MSVOA_W

ClientSampleId :

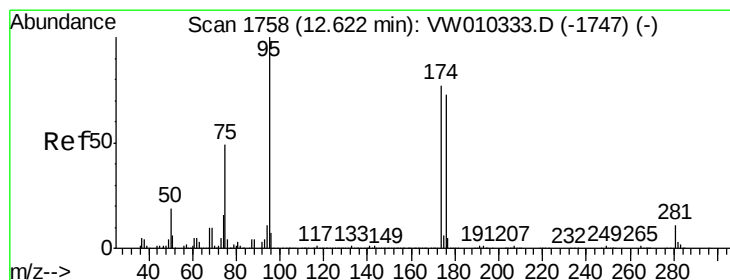
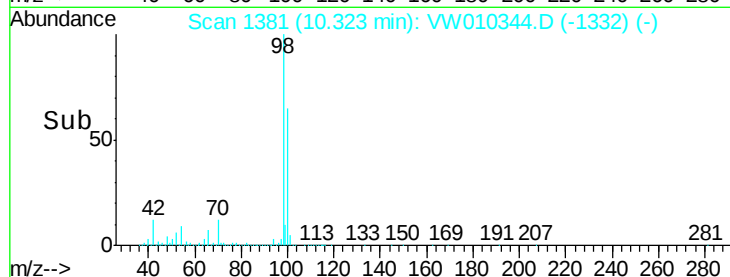
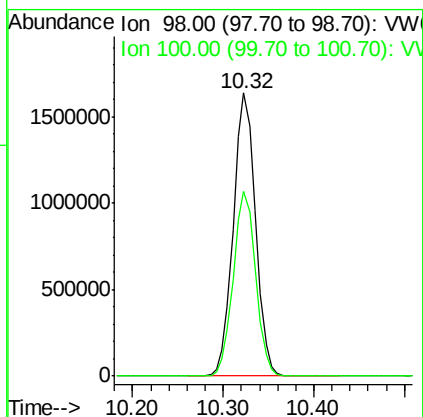
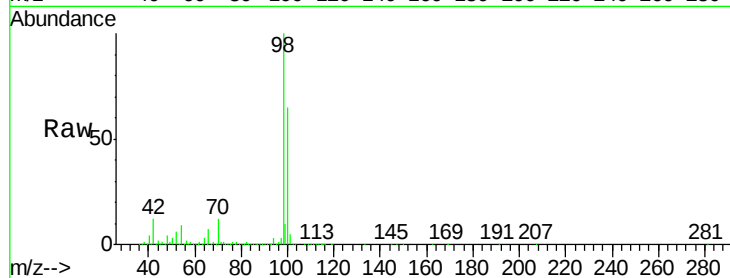
P026-SS004-1824-01

Tgt Ion: 98 Resp: 2786830

Ion Ratio Lower Upper

98 100

100 65.6 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 49.516 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010344.D

Acq: 09 May 2019 18:44

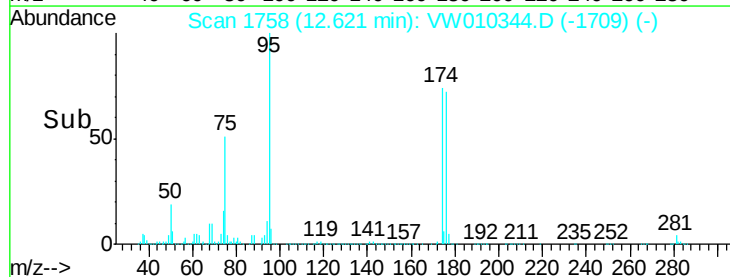
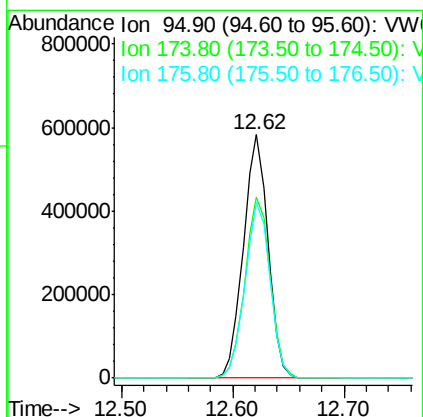
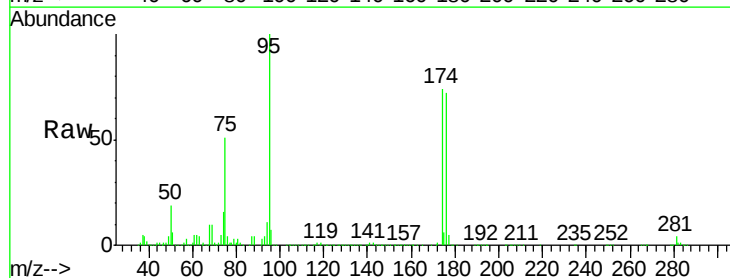
Tgt Ion: 95 Resp: 897097

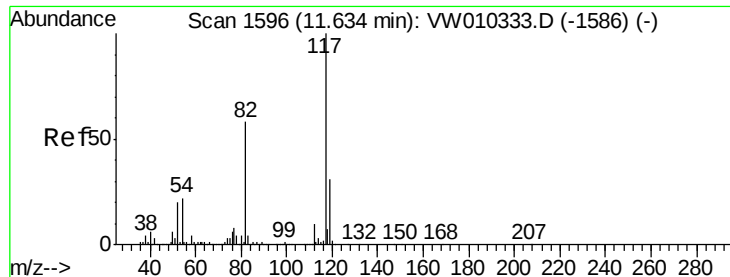
Ion Ratio Lower Upper

95 100

174 76.6 0.0 151.4

176 73.6 0.0 146.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW010344.D

Acq: 09 May 2019 18:44

Instrument :

MSVOA_W

ClientSampleId :

P026-SS004-1824-01

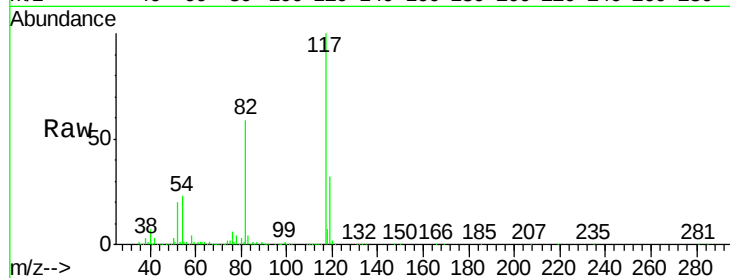
Tgt Ion:117 Resp: 1898189

Ion Ratio Lower Upper

117 100

82 58.7 45.2 67.8

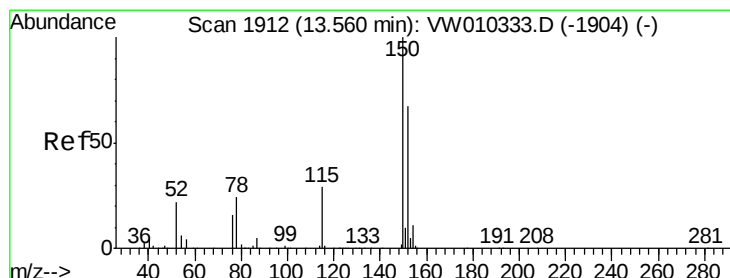
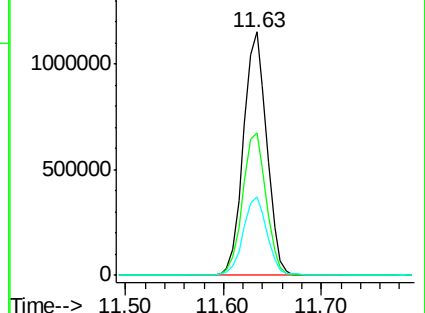
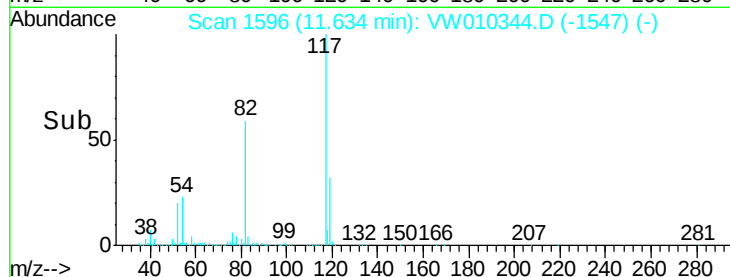
119 31.8 25.4 38.2



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: VW010344.D

Acq: 09 May 2019 18:44

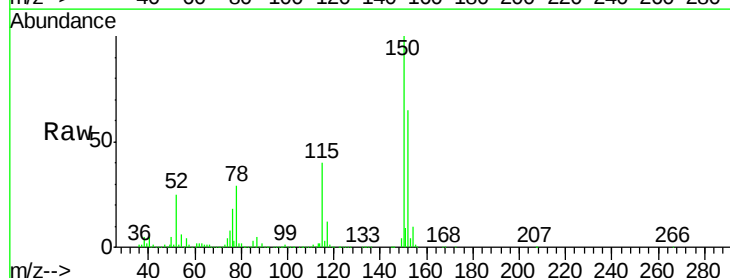
Tgt Ion:152 Resp: 832348

Ion Ratio Lower Upper

152 100

115 60.4 30.4 91.2

150 156.7 0.0 347.0



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

