

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050919\
 Data File : VW010346.D
 Acq On : 09 May 2019 19:38
 Operator : SY/VA
 Sample : K2718-04
 Misc : 5.41G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS005-0206-01

Quant Time: May 10 03:26:38 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	1215977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2109704	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1788758	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	727607	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	806386	62.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.76%	
35) Dibromofluoromethane	7.88	113	694834	56.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.56%	
50) Toluene-d8	10.32	98	2671654	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.62	95	805818	45.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.08%	

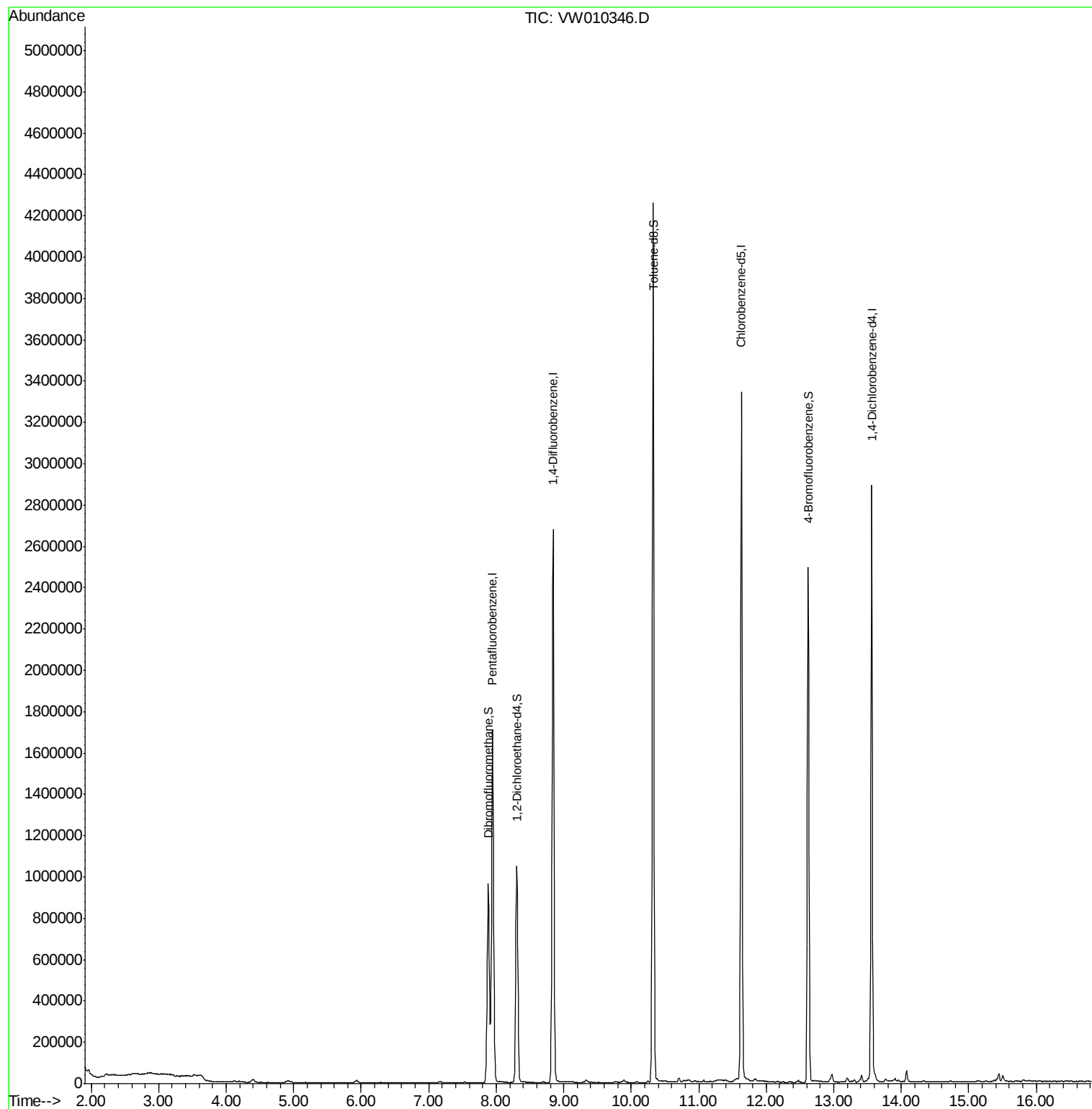
Target Compounds	Qvalue
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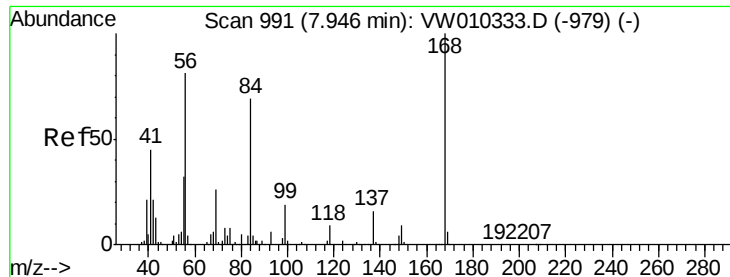
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010346.D

Acq: 09 May 2019 19:38

Instrument :

MSVOA_W

ClientSampleId :

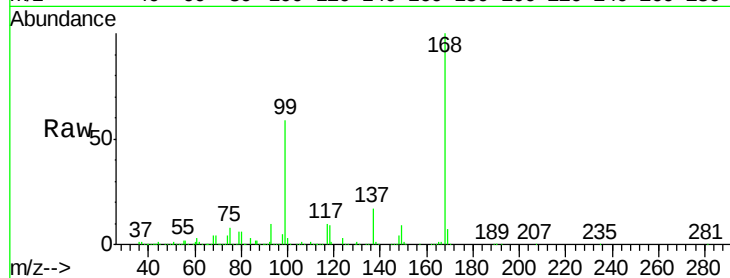
P026-SS005-0206-01

Tgt Ion:168 Resp: 1215977

Ion Ratio Lower Upper

168 100

99 59.1 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

500000

400000

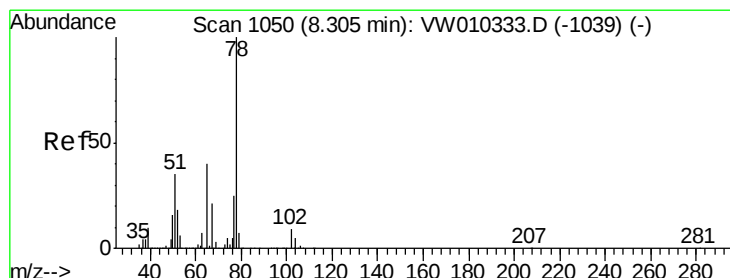
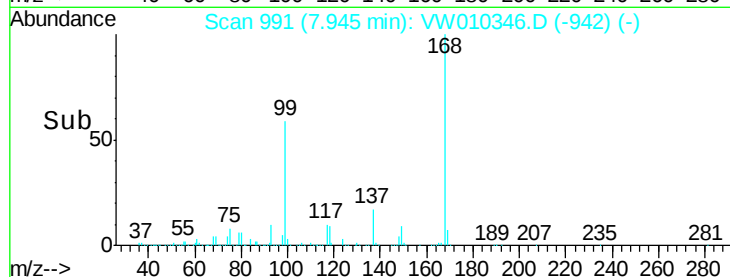
300000

200000

100000

0

Time--> 7.80 7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 62.378 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010346.D

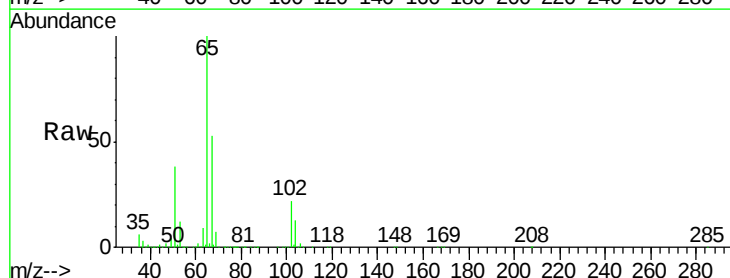
Acq: 09 May 2019 19:38

Tgt Ion: 65 Resp: 806386

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

400000

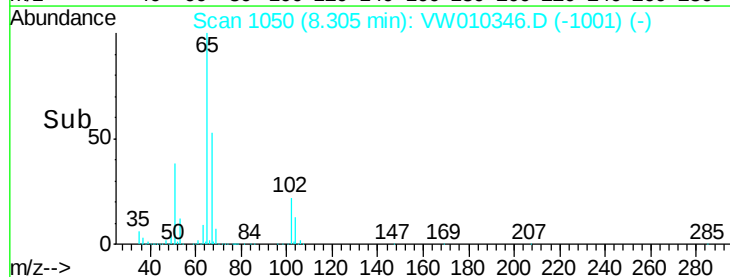
300000

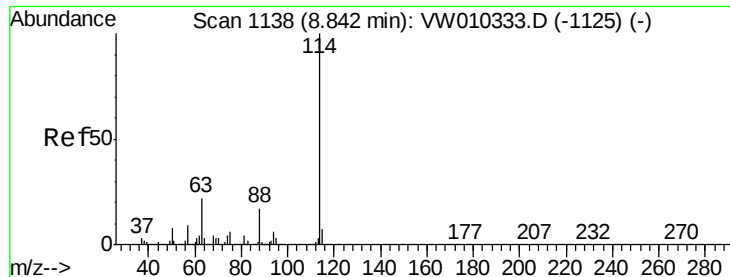
200000

100000

0

Time--> 8.20 8.30 8.40 8.50

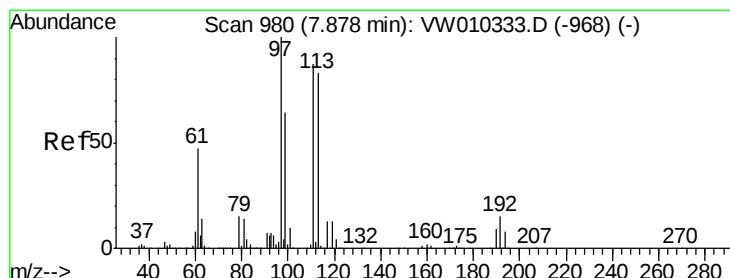
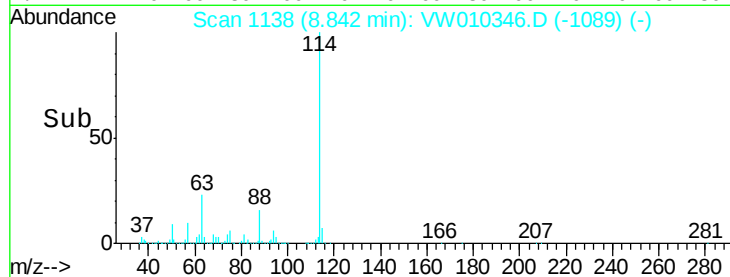
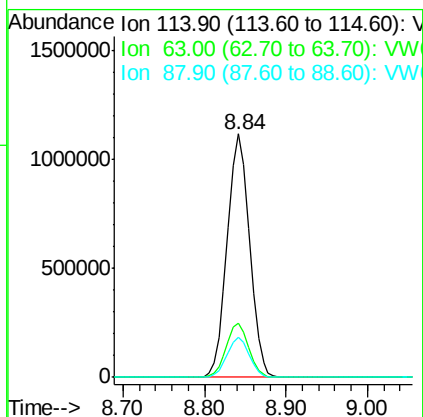
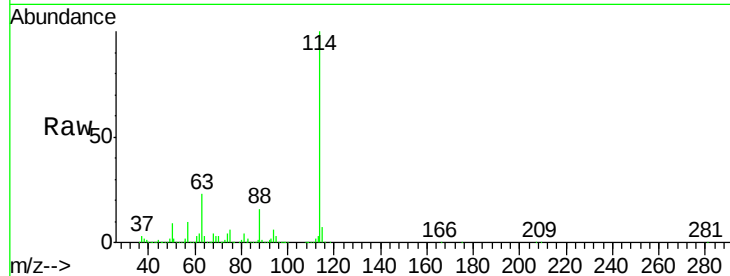




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010346.D
 Acq: 09 May 2019 19:38

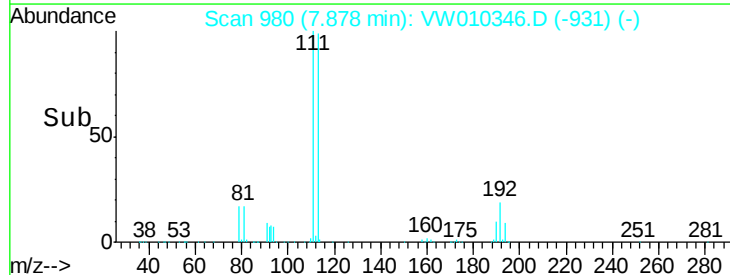
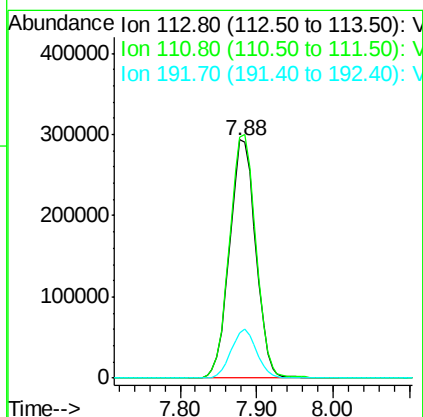
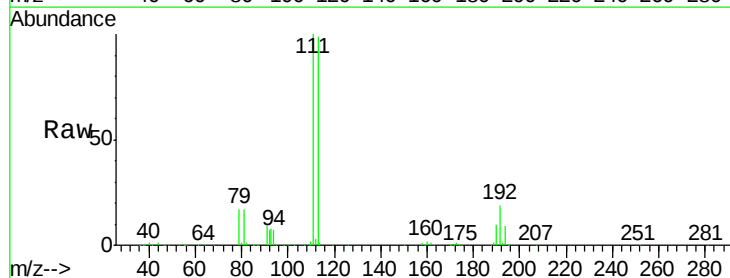
Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS005-0206-01

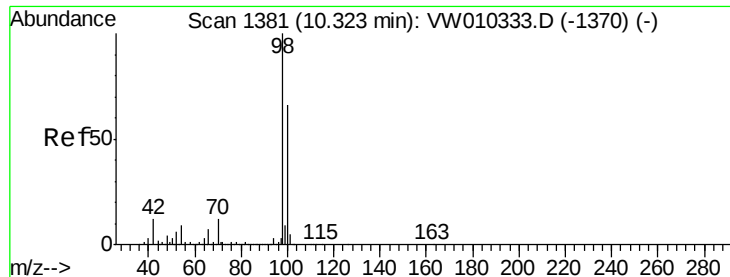
Tgt Ion:114 Resp: 2109704
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 46.2
 88 16.4 0.0 32.6



#35
 Dibromofluoromethane
 Concen: 56.281 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW010346.D
 Acq: 09 May 2019 19:38

Tgt Ion:113 Resp: 694834
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.6 123.8
 192 19.9 15.4 23.2





#50

Toluene-d8

Concen: 53.144 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010346.D

Acq: 09 May 2019 19:38

Instrument :

MSVOA_W

ClientSampleId :

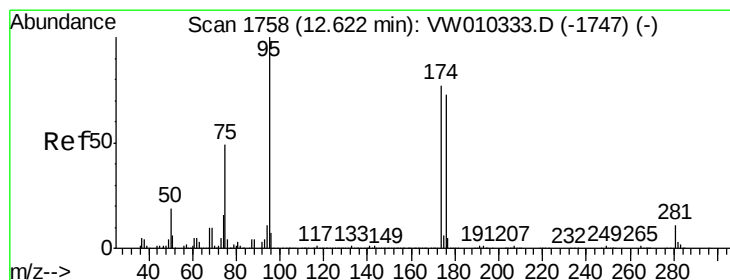
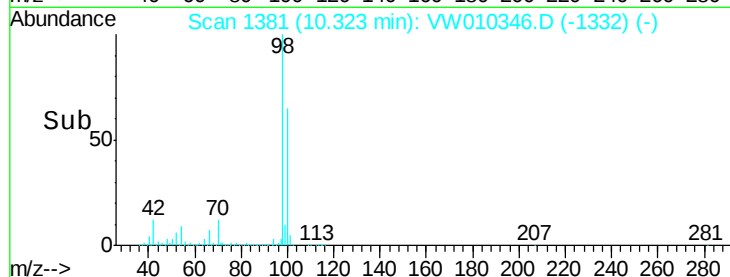
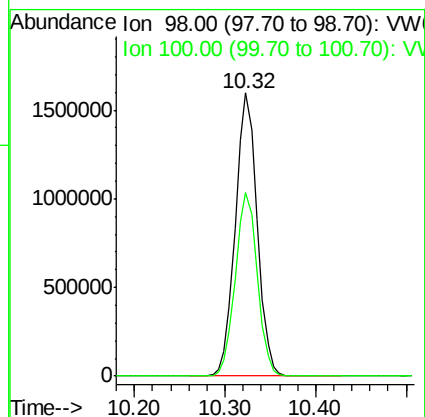
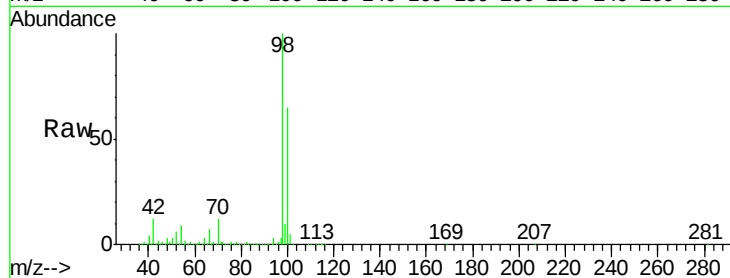
P026-SS005-0206-01

Tgt Ion: 98 Resp: 2671654

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 45.536 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010346.D

Acq: 09 May 2019 19:38

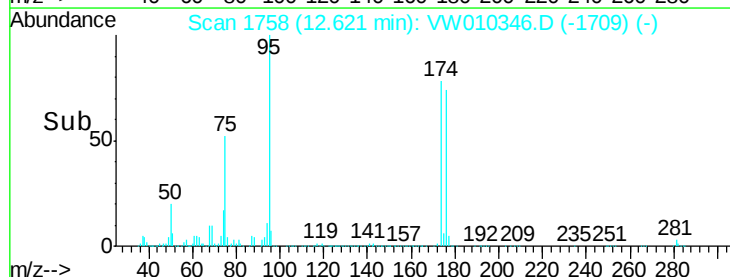
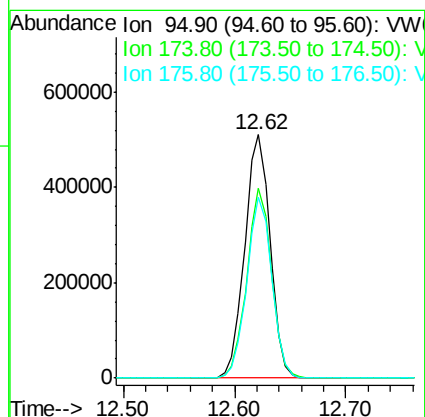
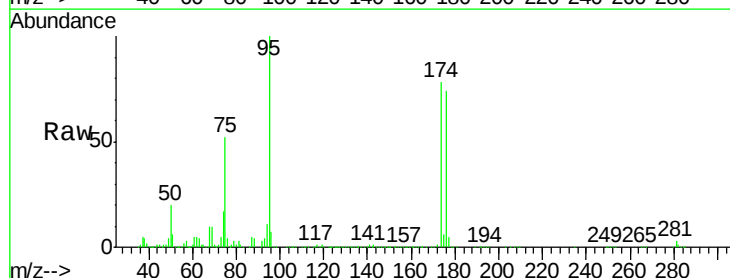
Tgt Ion: 95 Resp: 805818

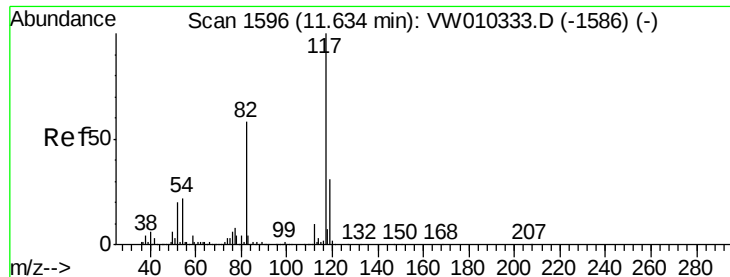
Ion Ratio Lower Upper

95 100

174 76.5 0.0 151.4

176 73.4 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: VW010346.D

Acq: 09 May 2019 19:38

Instrument :

MSVOA_W

ClientSampleId :

P026-SS005-0206-01

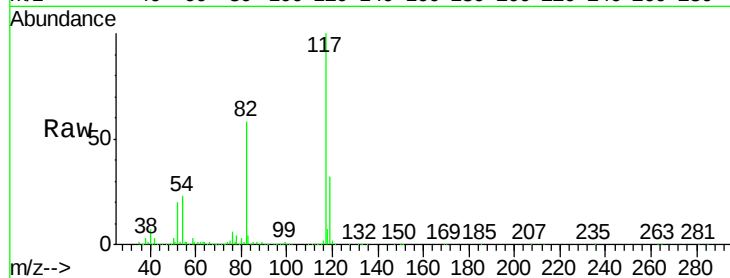
Tgt Ion:117 Resp: 1788758

Ion Ratio Lower Upper

117 100

82 58.2 45.2 67.8

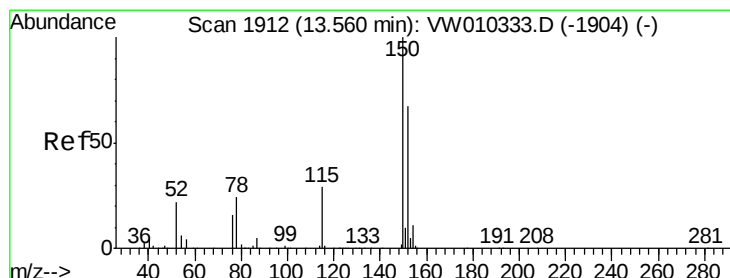
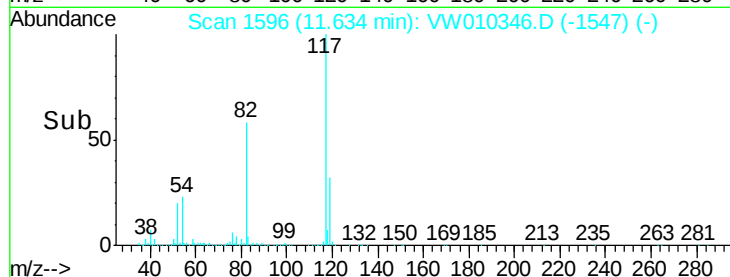
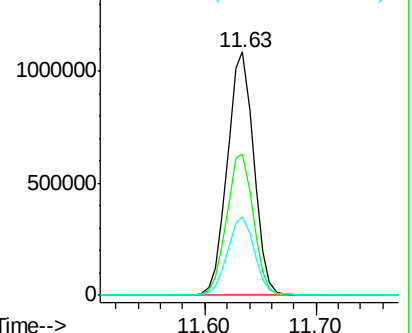
119 32.1 25.4 38.2



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: VW010346.D

Acq: 09 May 2019 19:38

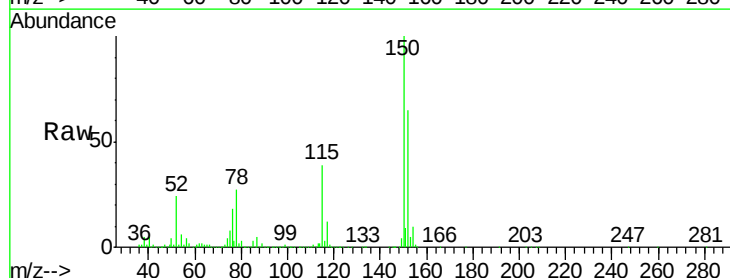
Tgt Ion:152 Resp: 727607

Ion Ratio Lower Upper

152 100

115 60.5 30.4 91.2

150 156.8 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

