

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050919\
 Data File : VW010347.D
 Acq On : 09 May 2019 20:05
 Operator : SY/VA
 Sample : K2718-05
 Misc : 4.71G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS005-0612-01

Quant Time: May 10 03:29:40 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	1265262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2201453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1906033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	834020	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	818153	60.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.64%	
35) Dibromofluoromethane	7.88	113	718148	55.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.50%	
50) Toluene-d8	10.32	98	2810343	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
62) 4-Bromofluorobenzene	12.62	95	882986	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	

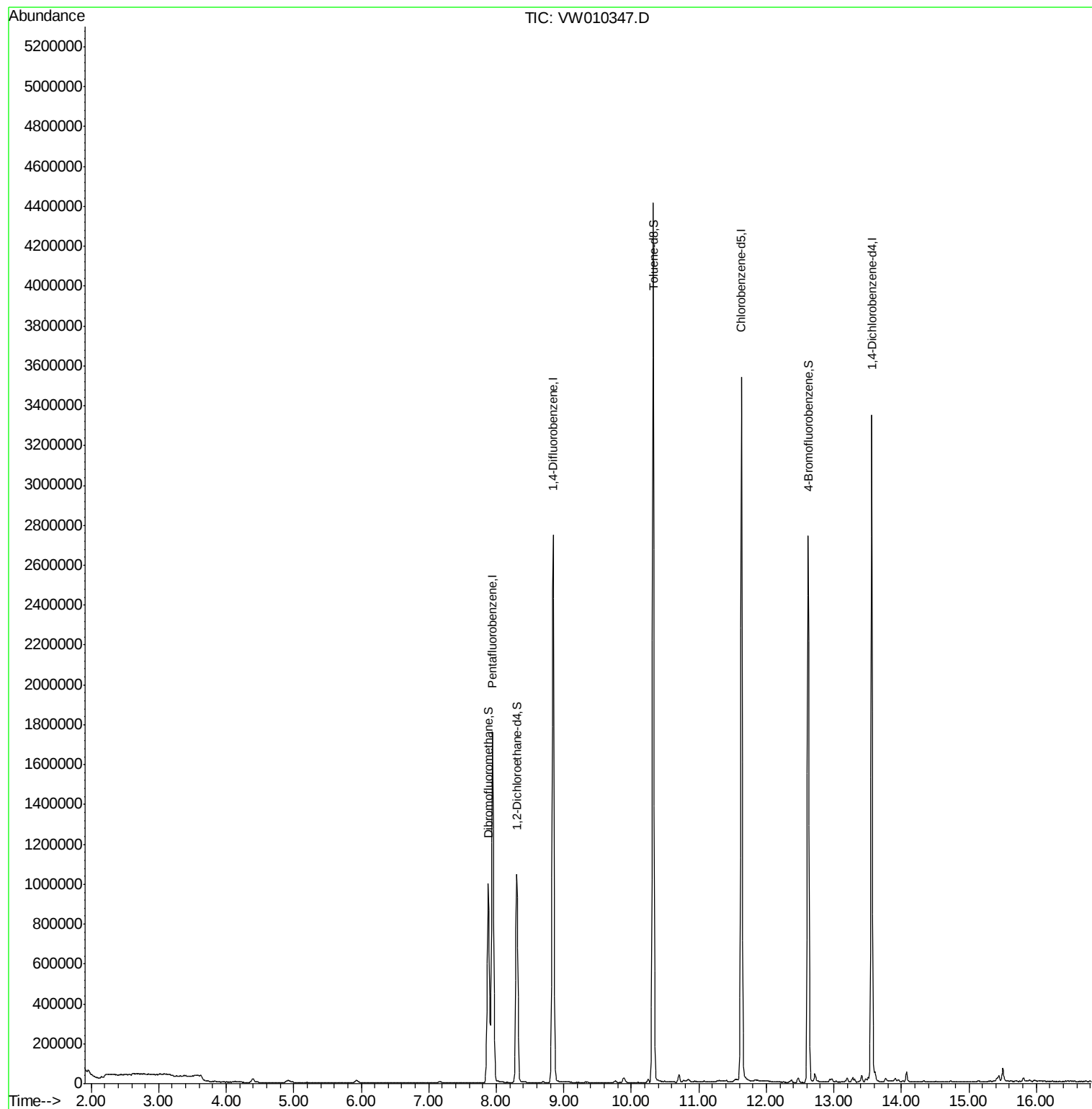
Target Compounds	Qvalue
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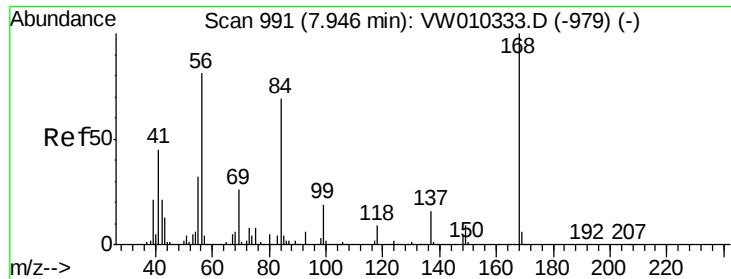
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW010347.D

Acq: 09 May 2019 20:05

Instrument :

MSVOA_W

ClientSampleId :

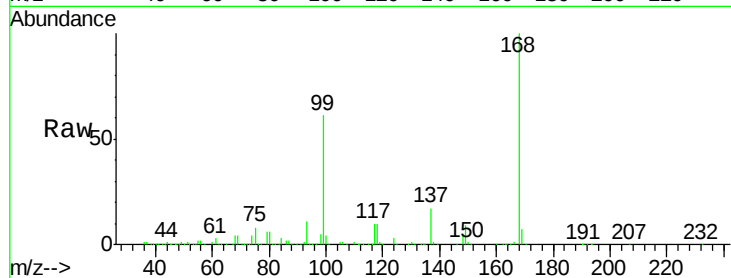
P026-SS005-0612-01

Tgt Ion:168 Resp: 1265262

Ion Ratio Lower Upper

168 100

99 60.7 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

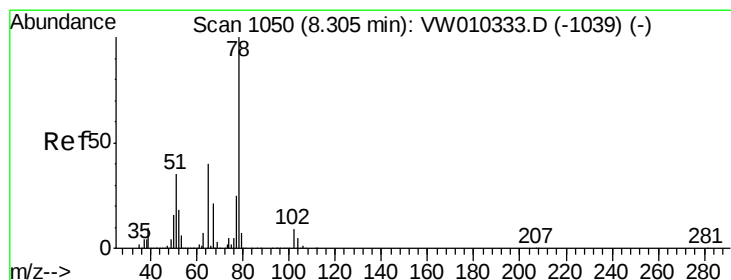
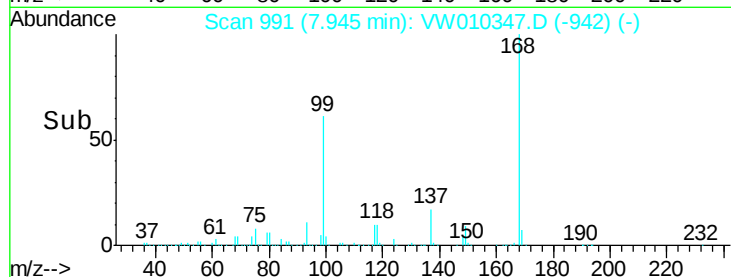
600000

400000

200000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.823 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010347.D

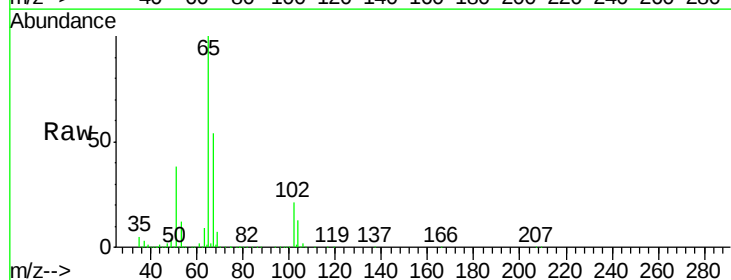
Acq: 09 May 2019 20:05

Tgt Ion: 65 Resp: 818153

Ion Ratio Lower Upper

65 100

67 52.6 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

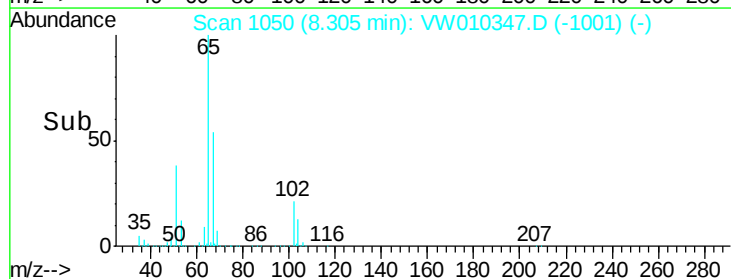
300000

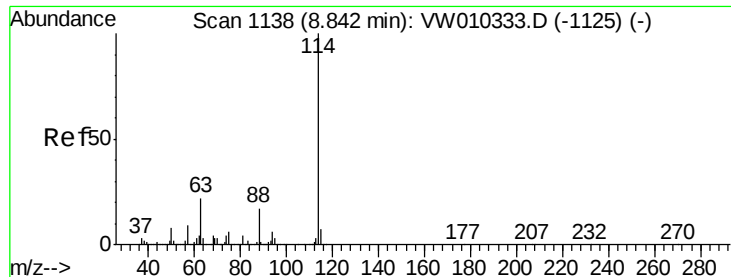
200000

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: VW010347.D

Acq: 09 May 2019 20:05

Instrument :

MSVOA_W

ClientSampleId :

P026-SS005-0612-01

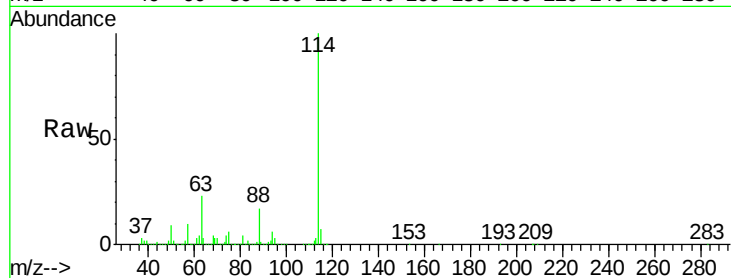
Tgt Ion:114 Resp: 2201453

Ion Ratio Lower Upper

114 100

63 22.6 0.0 46.2

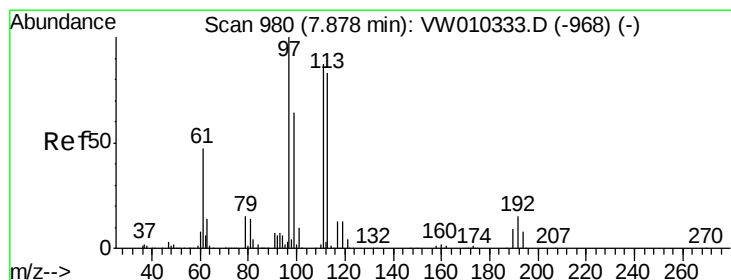
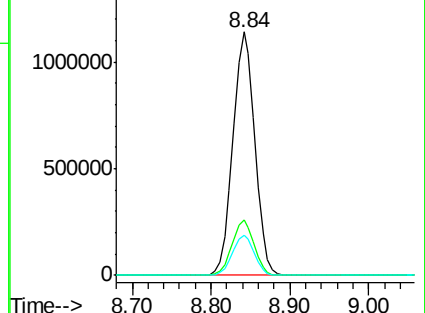
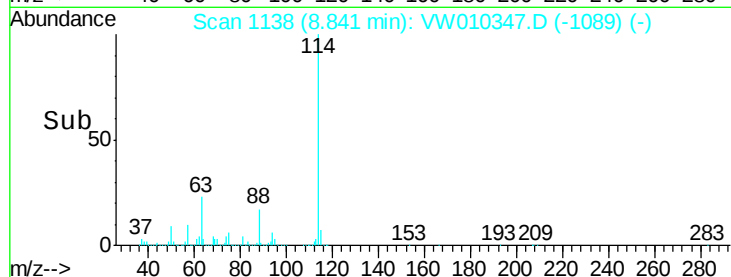
88 16.7 0.0 32.6



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: 55.745 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW010347.D

Acq: 09 May 2019 20:05

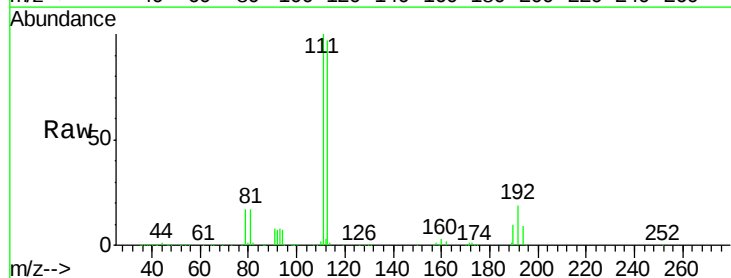
Tgt Ion:113 Resp: 718148

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

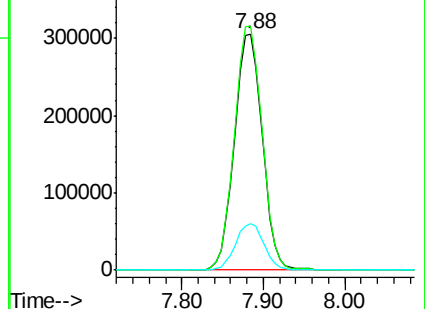
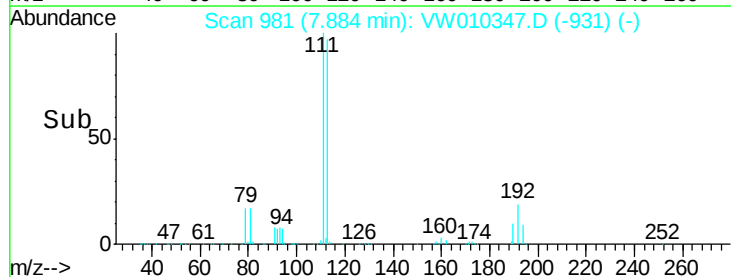
192 20.0 15.4 23.2

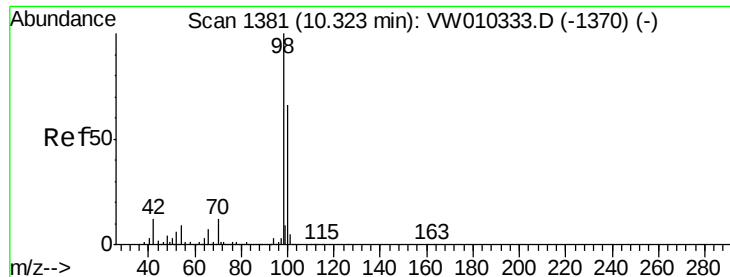


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.573 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010347.D

Acq: 09 May 2019 20:05

Instrument :

MSVOA_W

ClientSampleId :

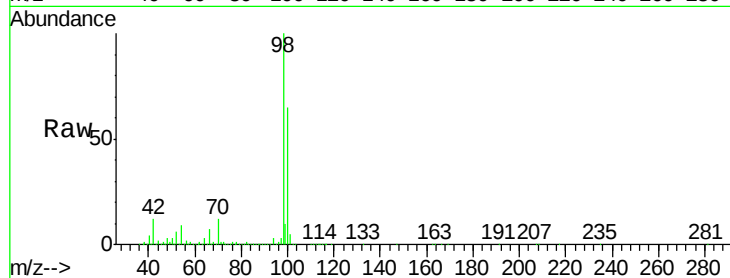
P026-SS005-0612-01

Tgt Ion: 98 Resp: 2810343

Ion Ratio Lower Upper

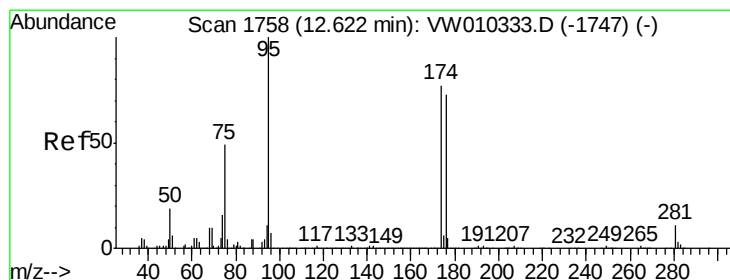
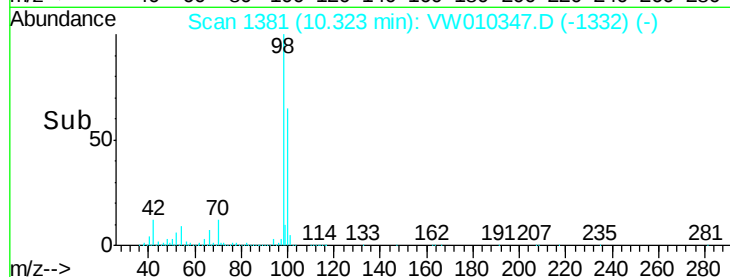
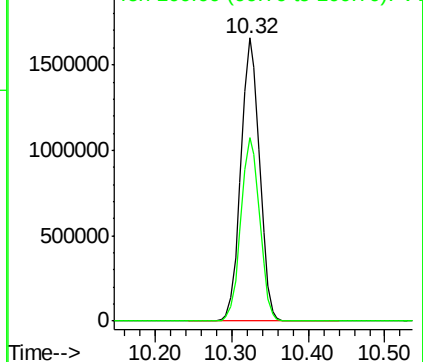
98 100

100 65.1 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 47.818 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010347.D

Acq: 09 May 2019 20:05

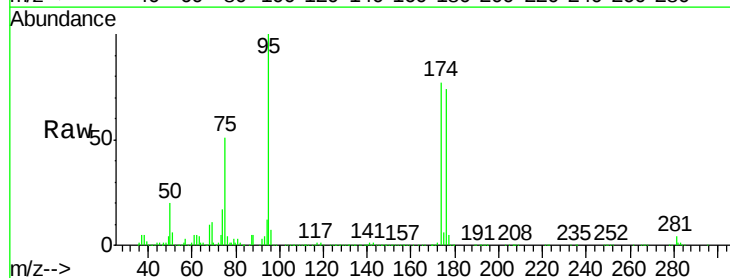
Tgt Ion: 95 Resp: 882986

Ion Ratio Lower Upper

95 100

174 77.2 0.0 151.4

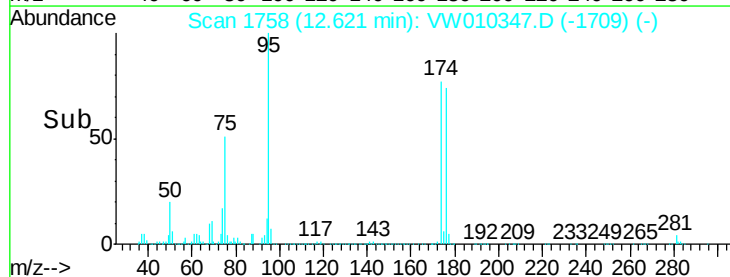
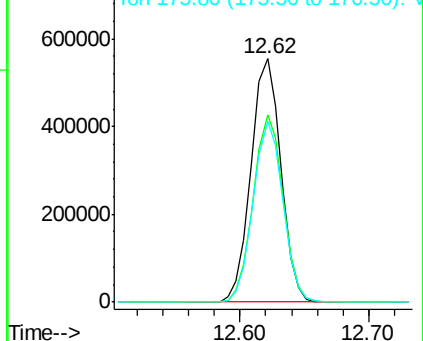
176 74.0 0.0 146.2

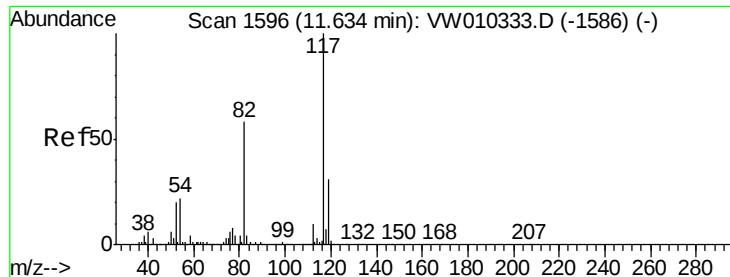


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW010347.D

Acq: 09 May 2019 20:05

Instrument :

MSVOA_W

ClientSampleId :

P026-SS005-0612-01

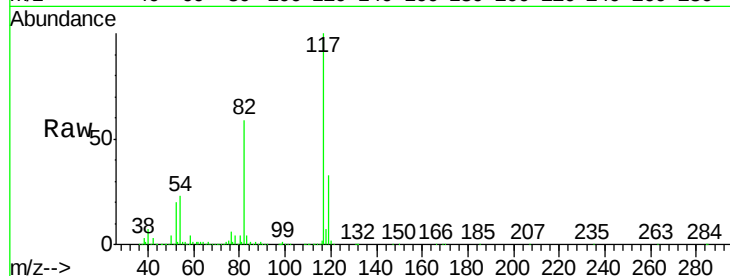
Tgt Ion:117 Resp: 1906033

Ion Ratio Lower Upper

117 100

82 58.8 45.2 67.8

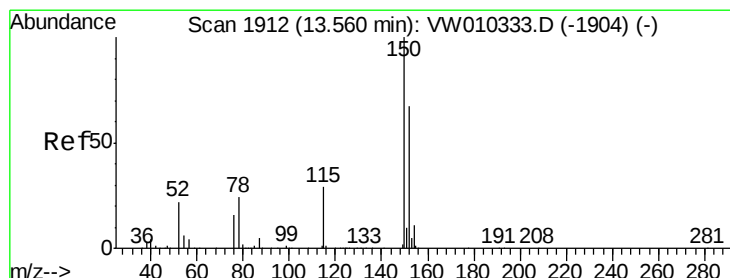
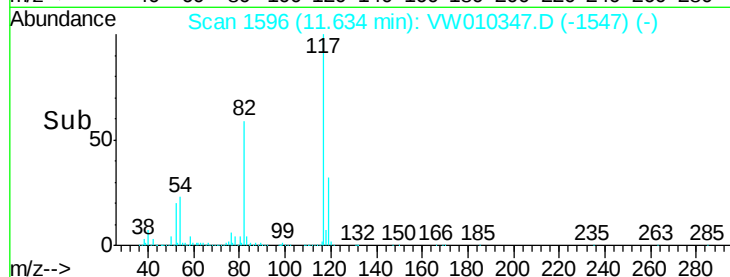
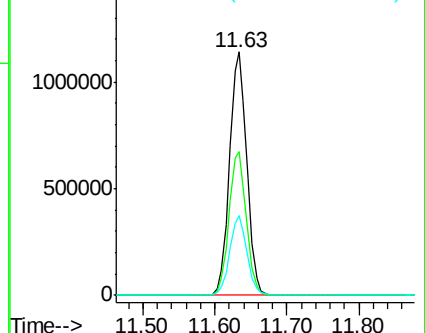
119 32.5 25.4 38.2



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: VW010347.D

Acq: 09 May 2019 20:05

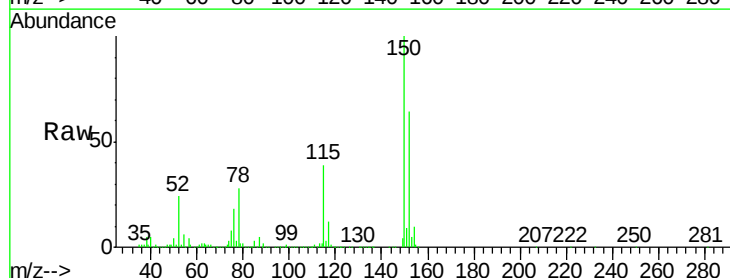
Tgt Ion:152 Resp: 834020

Ion Ratio Lower Upper

152 100

115 60.2 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

