

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050919\
 Data File : VW010337.D
 Acq On : 09 May 2019 15:11
 Operator : SY/VA
 Sample : VW0509SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0509SBL01

Quant Time: May 10 02:30:22 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	7.94	168	1252260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2051968	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1712719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	695365	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	757592	56.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.82%	
35) Dibromofluoromethane	7.88	113	654661	54.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.04%	
50) Toluene-d8	10.32	98	2641885	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	
62) 4-Bromofluorobenzene	12.62	95	782210	45.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.90%	

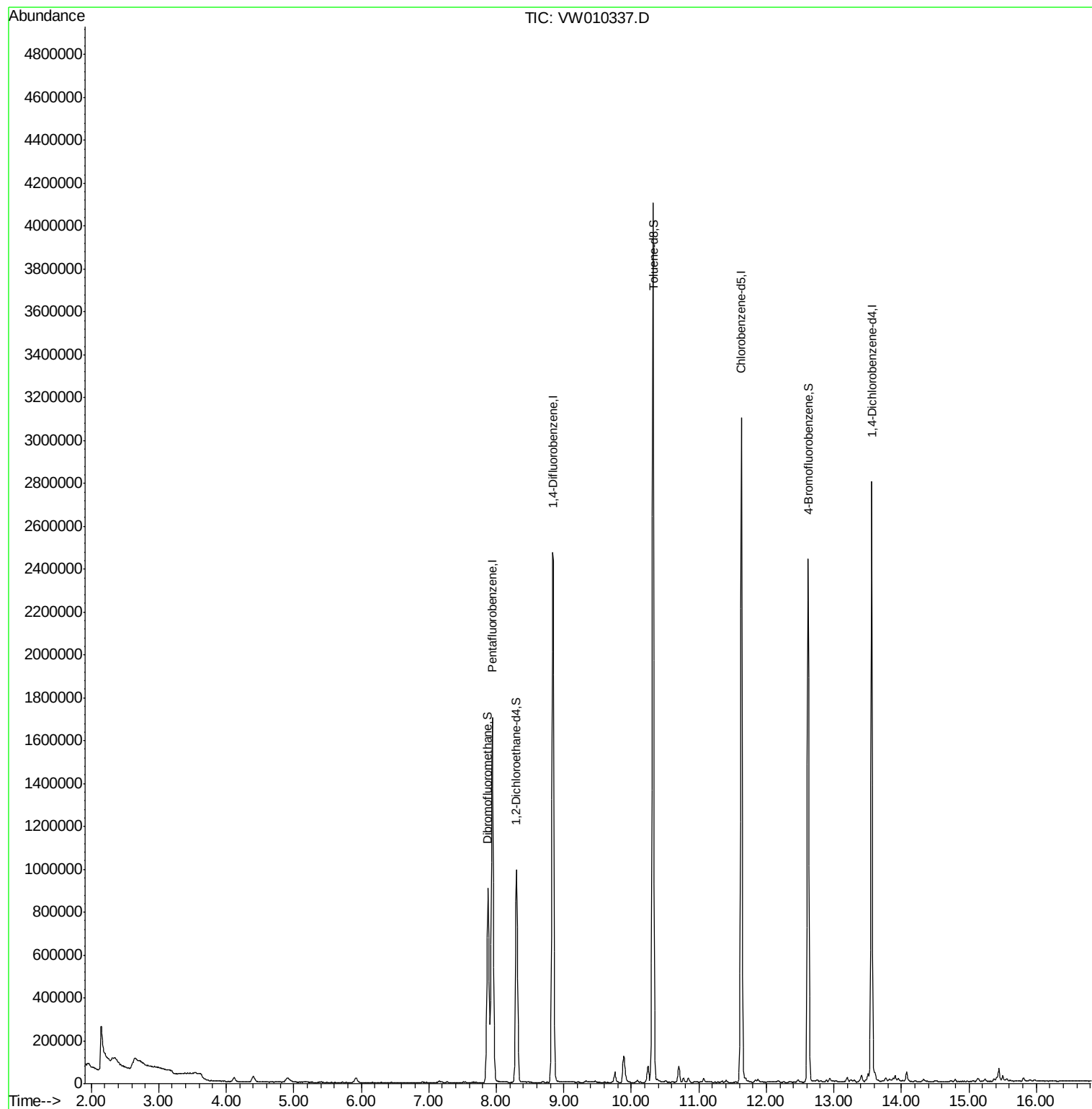
Target Compounds	Qvalue

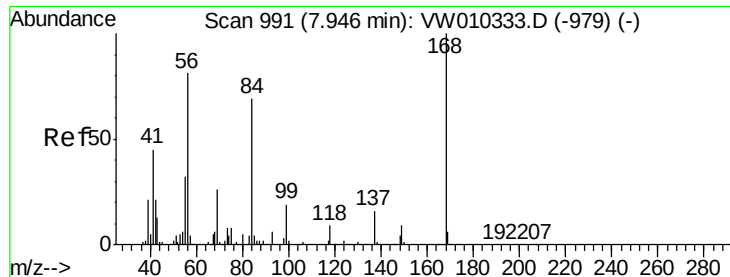
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW010337.D

Acq: 09 May 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

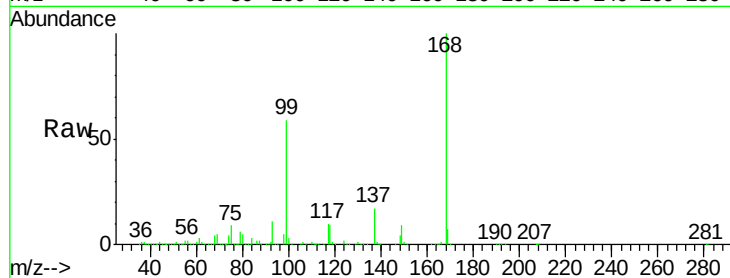
VW0509SBL01

Tgt Ion:168 Resp: 1252260

Ion Ratio Lower Upper

168 100

99 59.3 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.94

600000

500000

400000

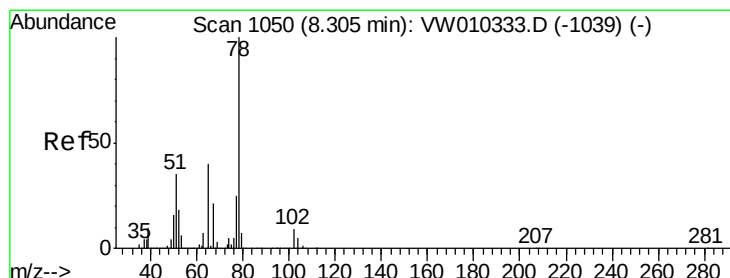
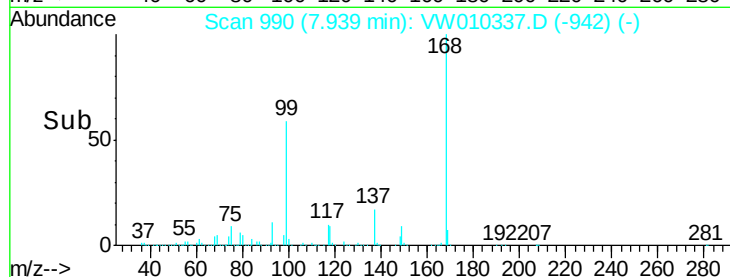
300000

200000

100000

0

Time--> 7.80 7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 56.905 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW010337.D

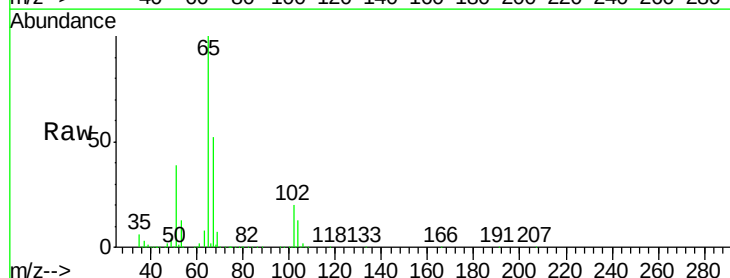
Acq: 09 May 2019 15:11

Tgt Ion: 65 Resp: 757592

Ion Ratio Lower Upper

65 100

67 52.9 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

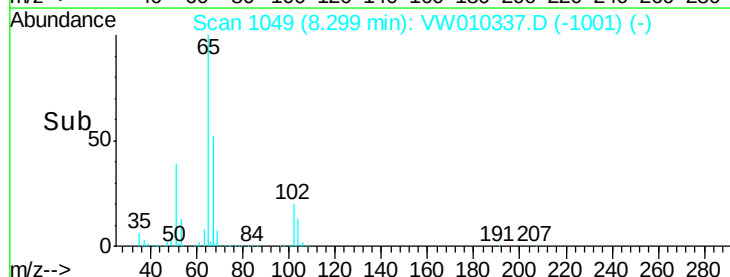
300000

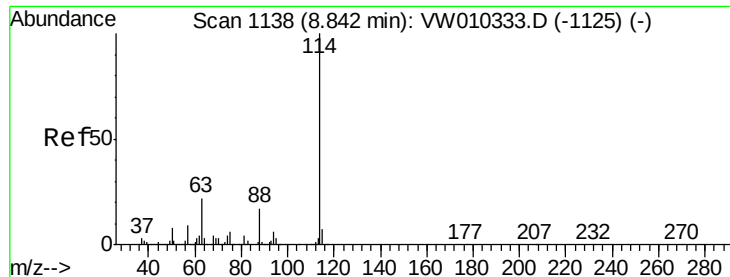
200000

100000

0

Time--> 8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010337.D

Acq: 09 May 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

VW0509SBL01

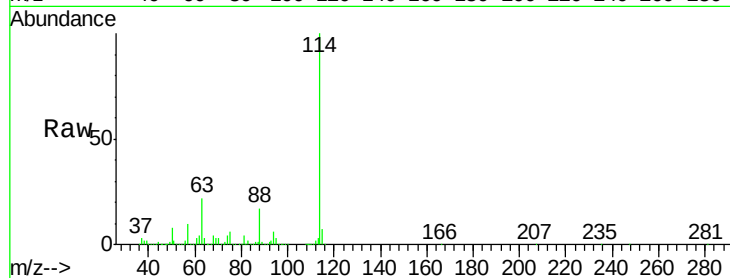
Tgt Ion:114 Resp: 2051968

Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.2

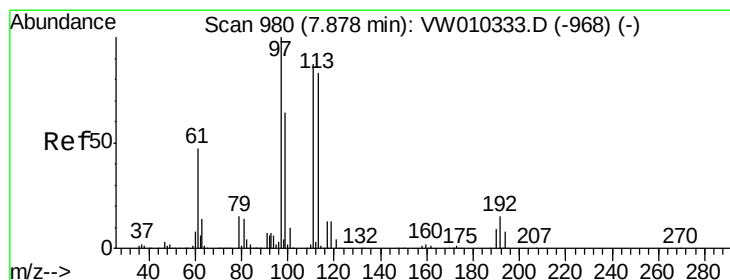
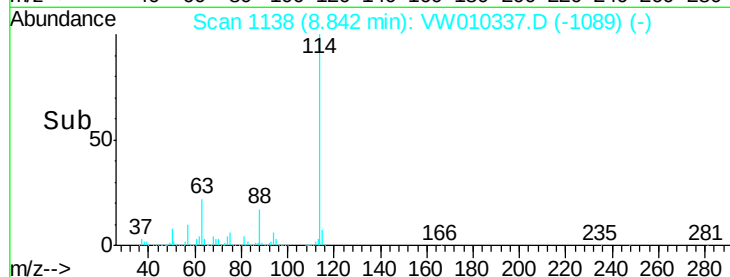
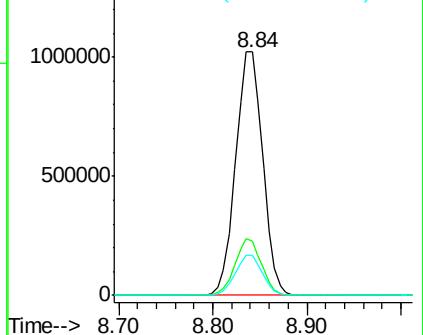
88 16.6 0.0 32.6



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: 54.519 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW010337.D

Acq: 09 May 2019 15:11

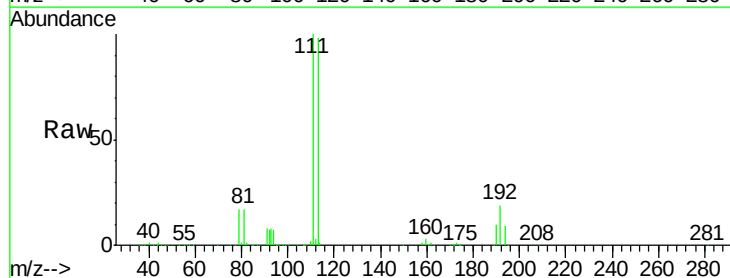
Tgt Ion:113 Resp: 654661

Ion Ratio Lower Upper

113 100

111 102.0 82.6 123.8

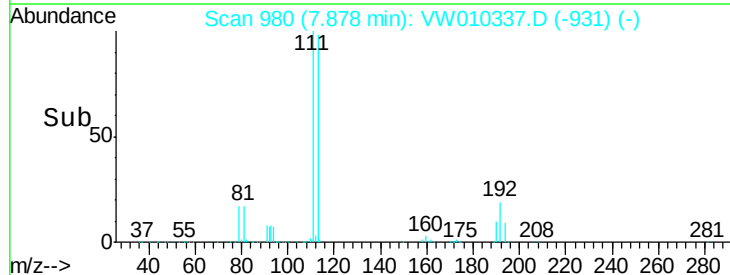
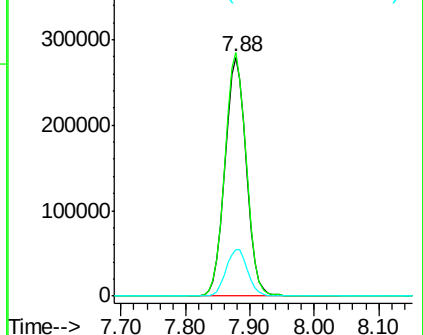
192 19.9 15.4 23.2

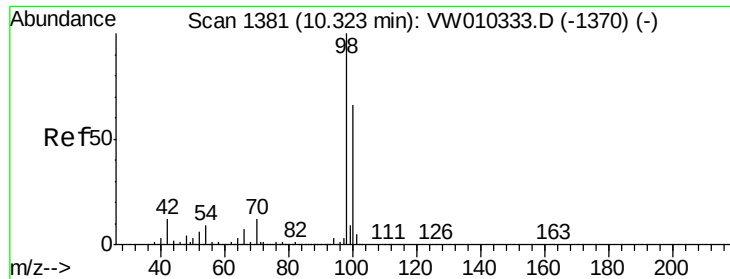


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.030 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010337.D

Acq: 09 May 2019 15:11

Instrument :

MSVOA_W

ClientSampleId :

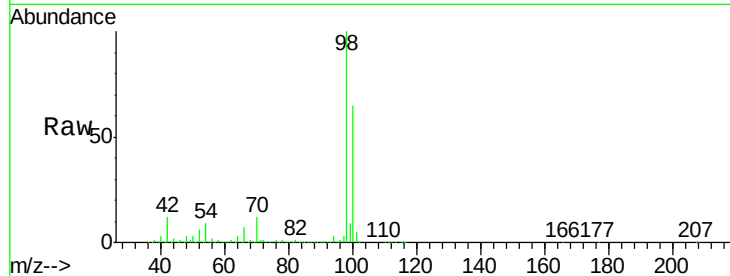
VW0509SBL01

Tgt Ion: 98 Resp: 2641885

Ion Ratio Lower Upper

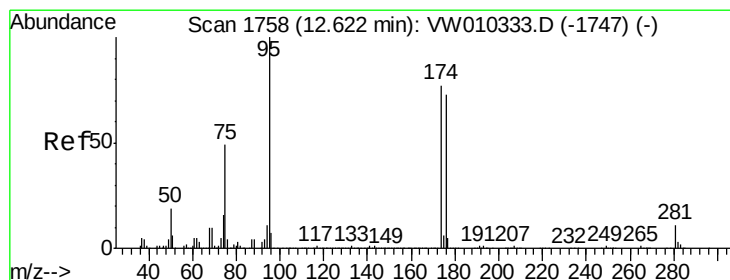
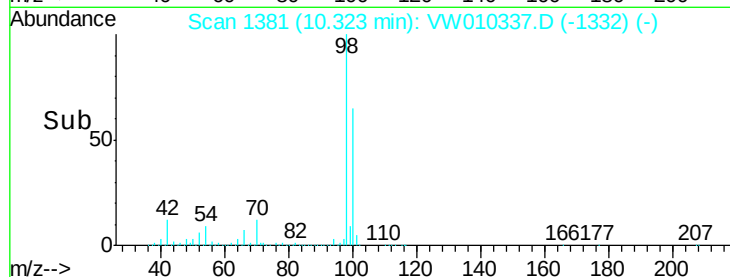
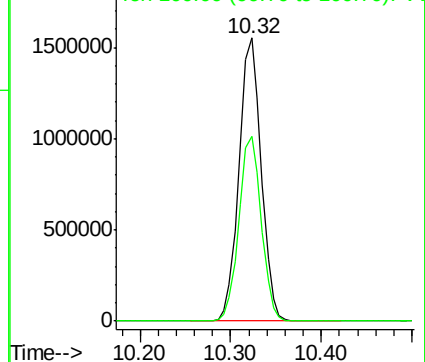
98 100

100 65.5 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: 45.446 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010337.D

Acq: 09 May 2019 15:11

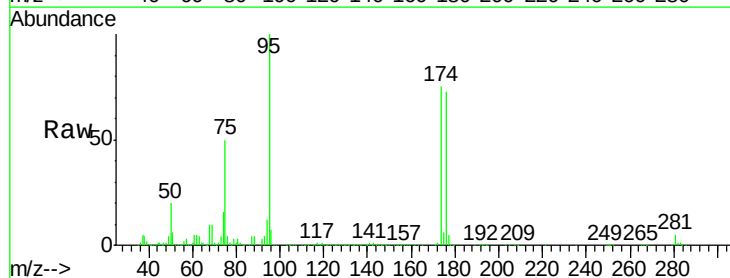
Tgt Ion: 95 Resp: 782210

Ion Ratio Lower Upper

95 100

174 77.5 0.0 151.4

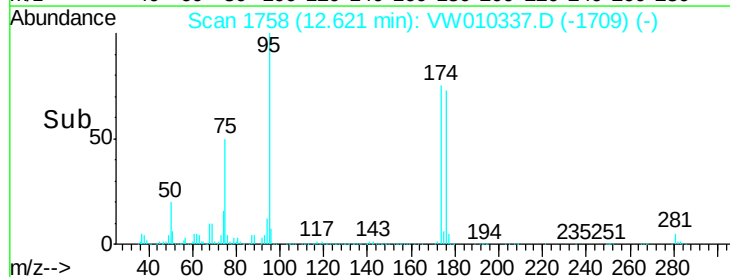
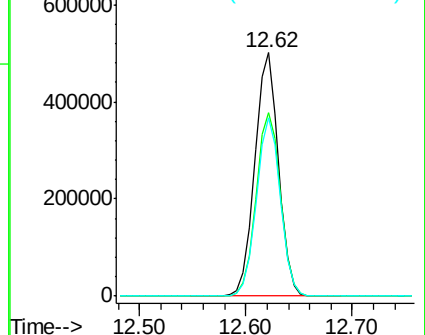
176 73.8 0.0 146.2

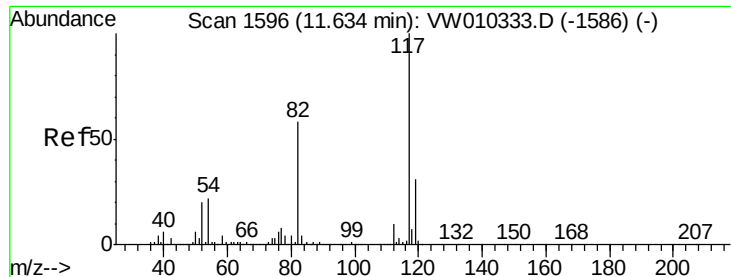


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

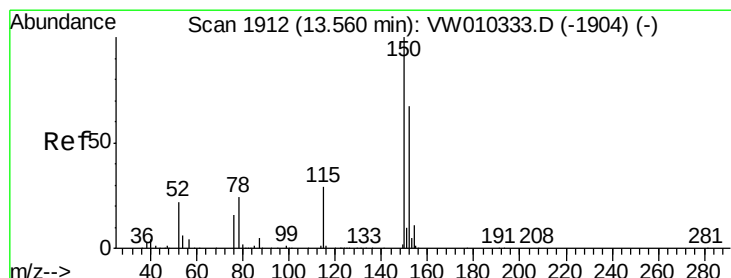
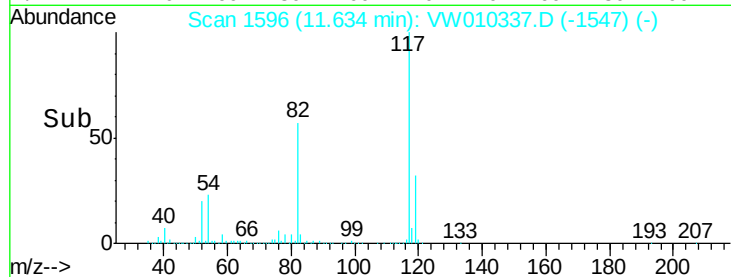
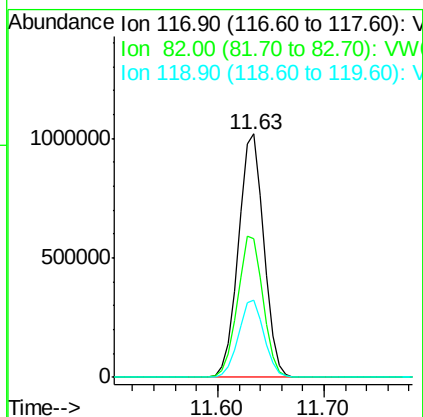
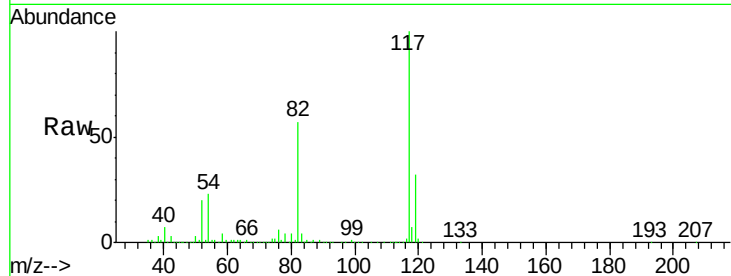




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010337.D
Acq: 09 May 2019 15:11

Instrument :
MSVOA_W
ClientSampleId :
VW0509SBL01

Tgt Ion:117 Resp: 1712719
Ion Ratio Lower Upper
117 100
82 57.1 45.2 67.8
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010337.D
Acq: 09 May 2019 15:11

Tgt Ion:152 Resp: 695365
Ion Ratio Lower Upper
152 100
115 59.0 30.4 91.2
150 155.6 0.0 347.0

