

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053019\
 Data File : VW010623.D
 Acq On : 30 May 2019 19:11
 Operator : SY/VA
 Sample : K3097-12
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 0432-HR-12(HACKENSACK)

Quant Time: May 31 08:48:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	10247	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	16970	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	13230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	3547	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	5703	53.92	ug/l	0.00
Spiked Amount			Recovery	=	107.84%	
35) Dibromofluoromethane	7.88	113	5168	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	
50) Toluene-d8	10.32	98	19745	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.62	95	5596	35.71	ug/l	0.00
Spiked Amount			Recovery	=	71.42%	

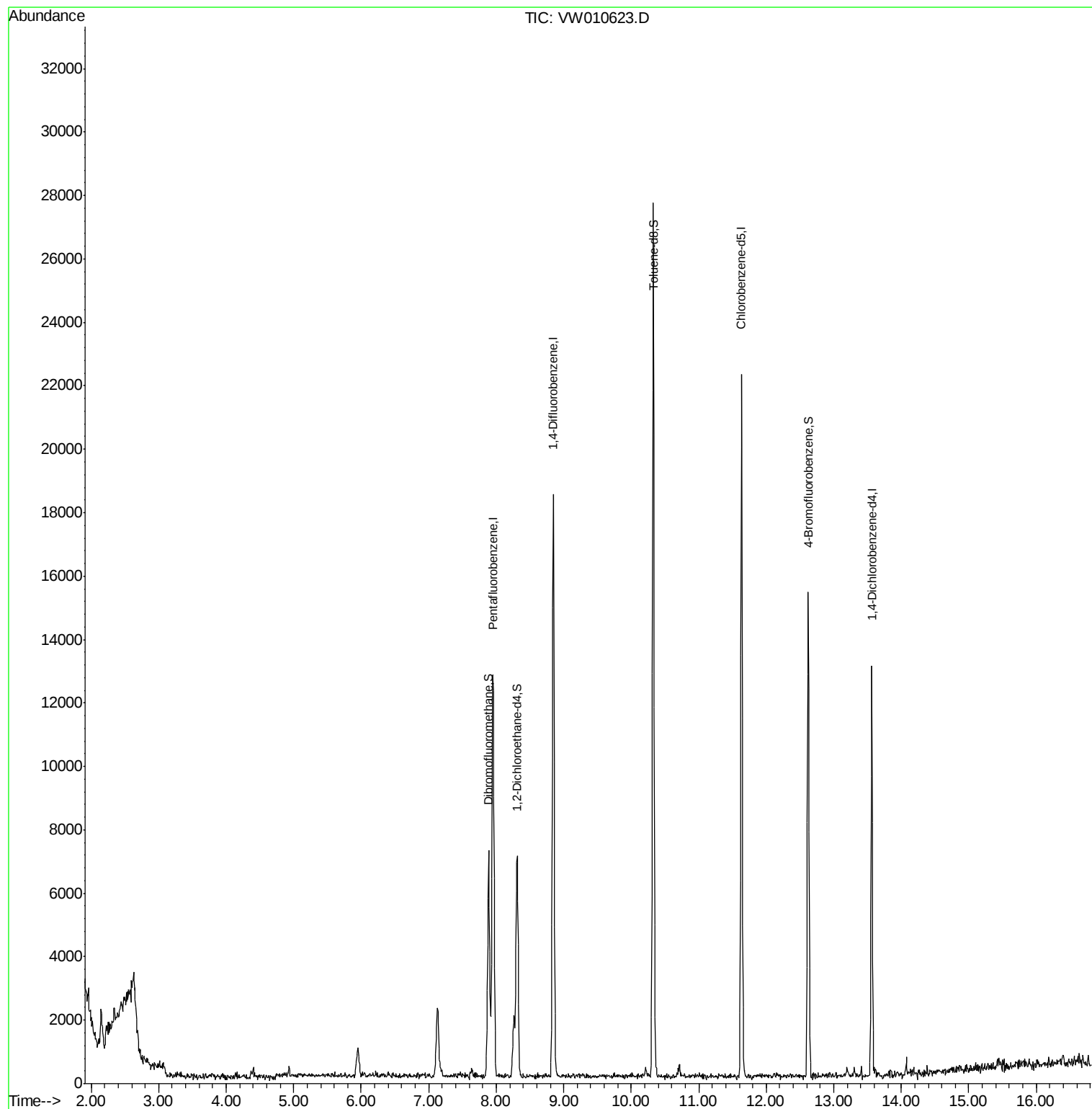
Target Compounds	Qvalue
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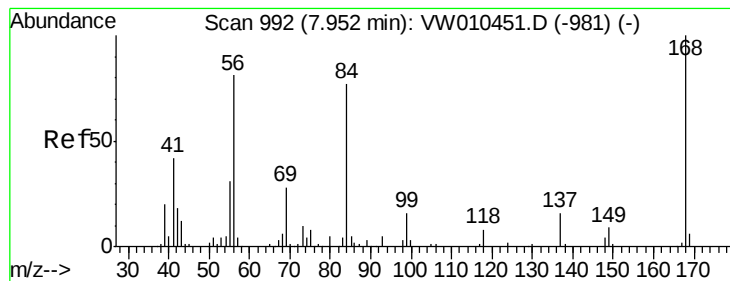
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010623.D

Acq: 30 May 2019 19:11

Instrument :

MSVOA_W

ClientSampleId :

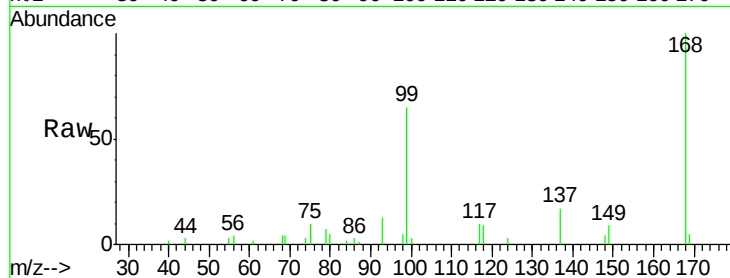
0432-HR-12(HACKENSACK)

Tot Ion:168 Resp: 10247

Ion Ratio Lower Upper

168 100

99 64.9 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

4000

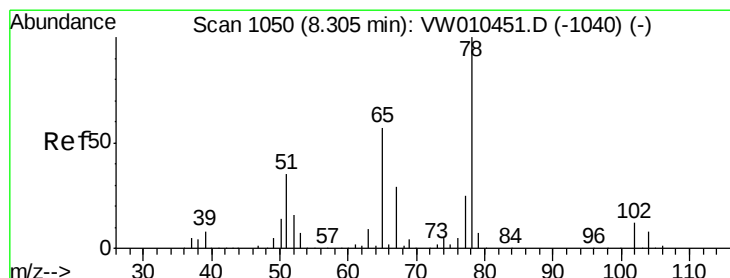
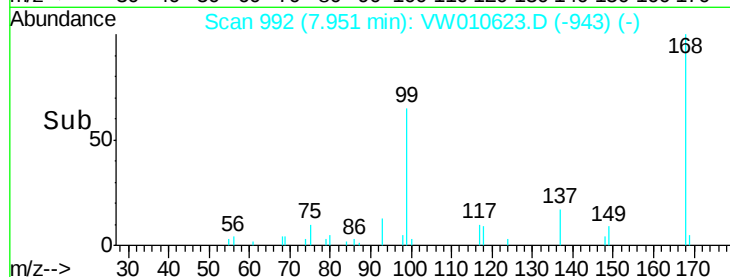
3000

2000

1000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#33

1,2-Dichloroethane-d4

Concen: 53.921 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010623.D

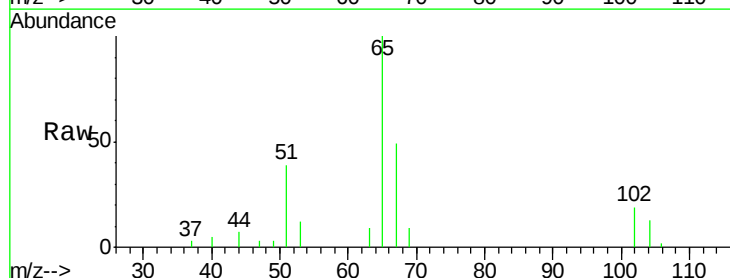
Acq: 30 May 2019 19:11

Tgt Ion: 65 Resp: 5703

Ion Ratio Lower Upper

65 100

67 53.9 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

3000

2500

2000

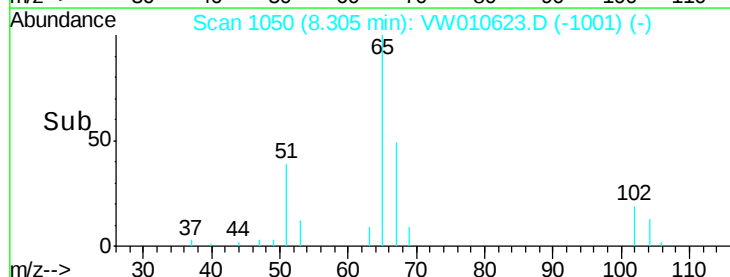
1500

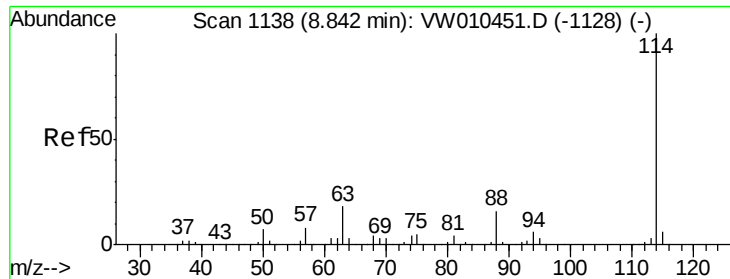
1000

500

0

Time--> 8.20 8.25 8.30 8.35 8.40

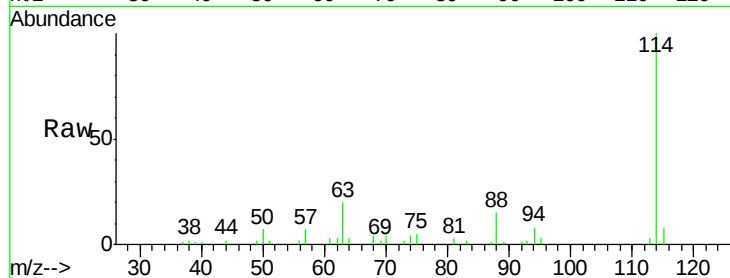




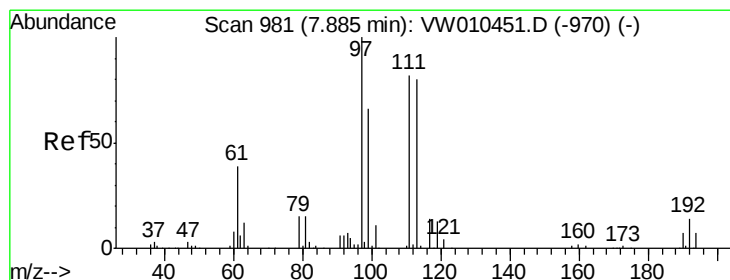
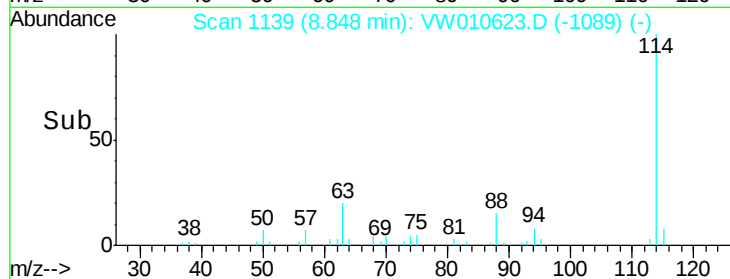
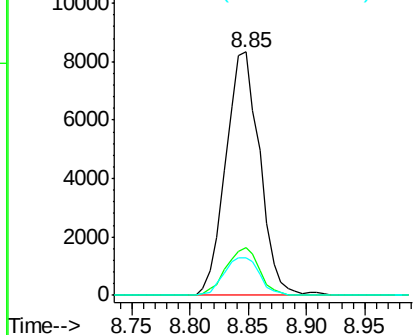
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW010623.D
 Acq: 30 May 2019 19:11

Instrument :
 MSVOA_W
 ClientSampleId :
 0432-HR-12(HACKENSACK)

Tot Ion:114 Resp: 16970
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 36.0
 88 15.3 0.0 32.0

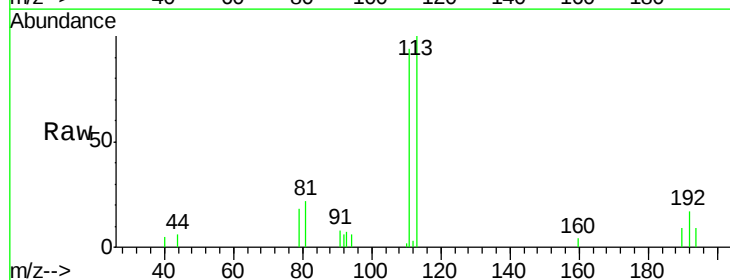


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

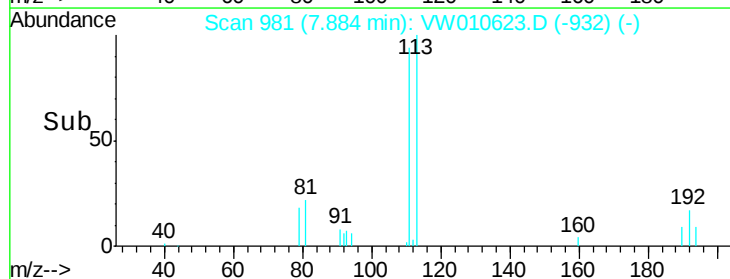
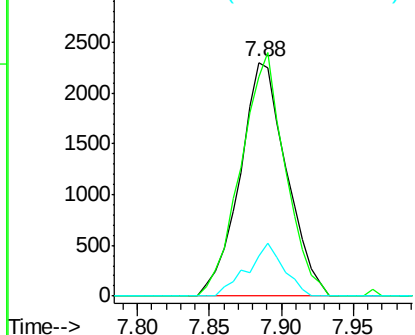


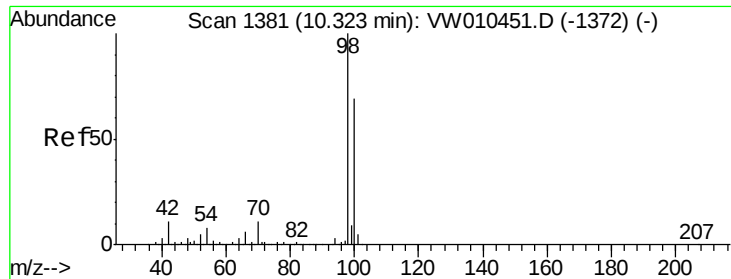
#35
 Dibromofluoromethane
 Concen: 50.189 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010623.D
 Acq: 30 May 2019 19:11

Tgt Ion:113 Resp: 5168
 Ion Ratio Lower Upper
 113 100
 111 99.0 82.2 123.4
 192 17.6 14.3 21.5



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: 50.194 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010623.D

Acq: 30 May 2019 19:11

Instrument :

MSVOA_W

ClientSampleId :

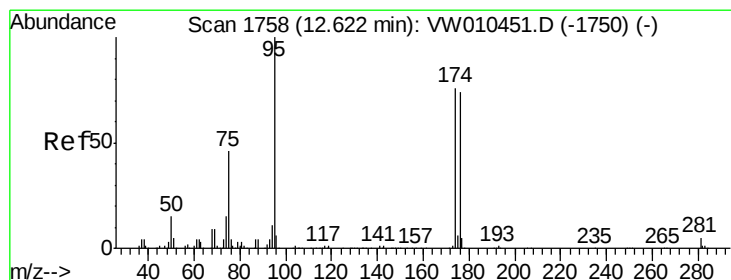
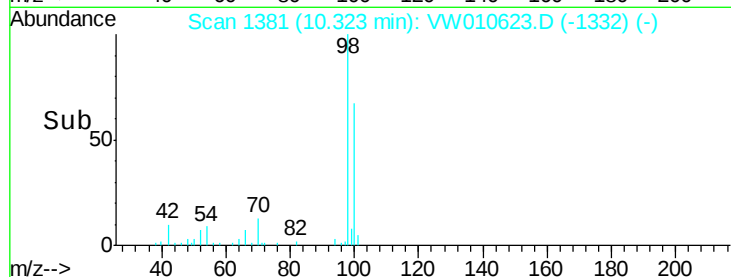
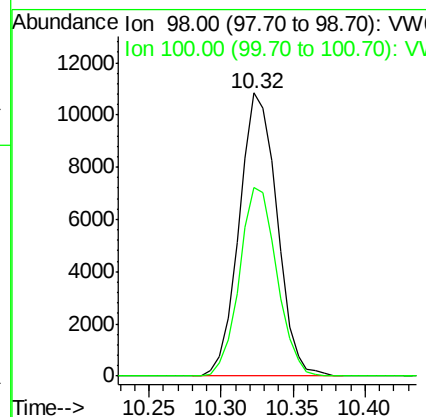
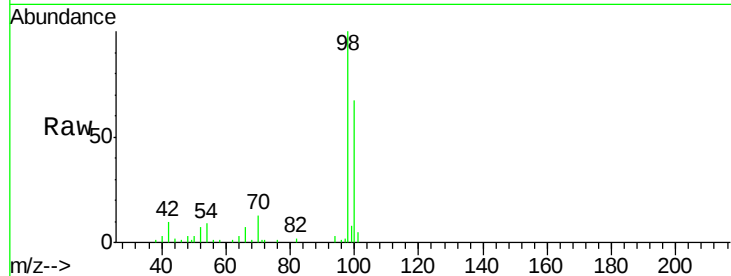
0432-HR-12(HACKENSACK)

Tot Ion: 98 Resp: 19745

Ion Ratio Lower Upper

98 100

100 65.9 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 35.715 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010623.D

Acq: 30 May 2019 19:11

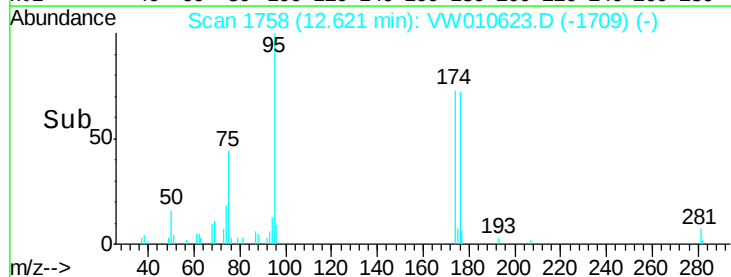
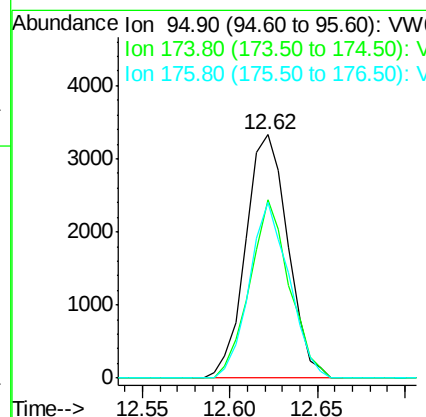
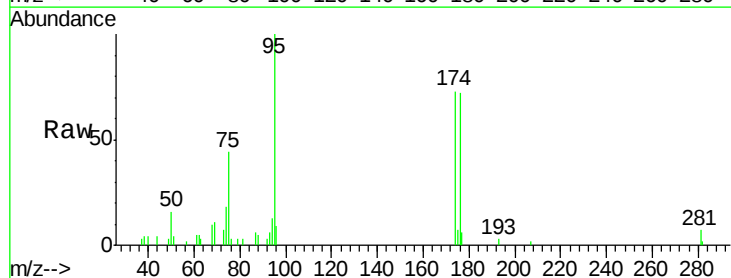
Tgt Ion: 95 Resp: 5596

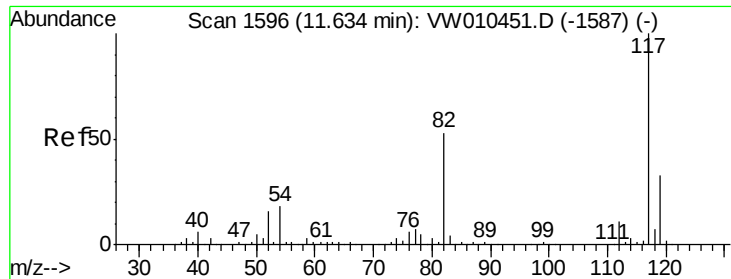
Ion Ratio Lower Upper

95 100

174 68.4 0.0 148.6

176 68.0 0.0 144.2

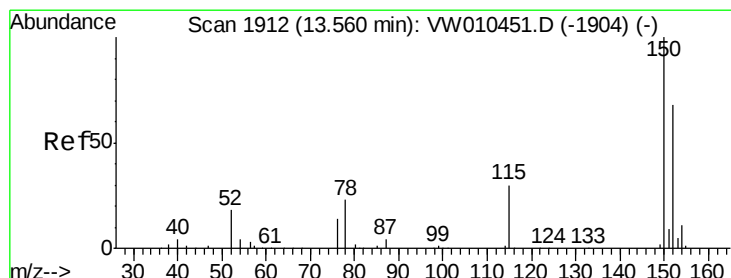
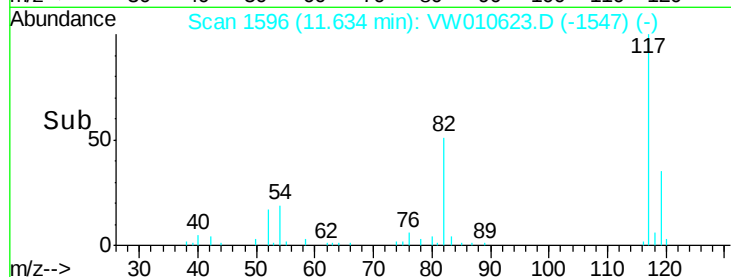
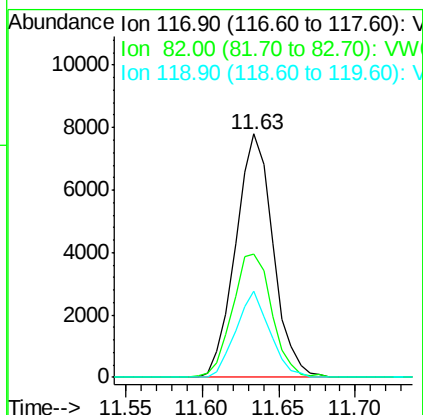
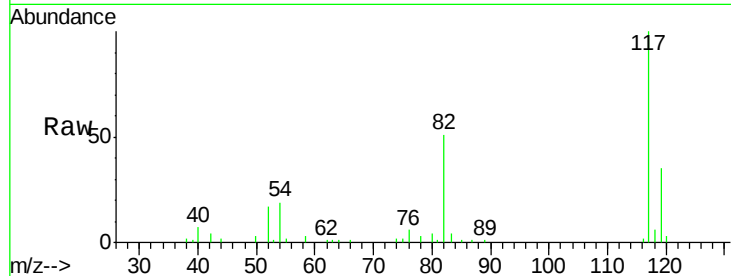




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010623.D
Acq: 30 May 2019 19:11

Instrument :
MSVOA_W
ClientSampleId :
0432-HR-12(HACKENSACK)

Tot Ion:117 Resp: 13230
Ion Ratio Lower Upper
117 100
82 50.7 42.8 64.2
119 35.4 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010623.D
Acq: 30 May 2019 19:11

Tgt Ion:152 Resp: 3547
Ion Ratio Lower Upper
152 100
115 62.2 30.3 91.0
150 156.3 0.0 349.8

