

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW091519\
 Data File : VW013003.D
 Acq On : 14 Sep 2019 19:22
 Operator : SY/VA
 Sample : K4822-04
 Misc : 5.55G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4A-(9)

Quant Time: Sep 23 16:57:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	285533	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	430381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	378050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	171144	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	147655	55.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.98%	
35) Dibromofluoromethane	7.88	113	125217	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	
50) Toluene-d8	10.32	98	516484	56.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.04%	
62) 4-Bromofluorobenzene	12.62	95	177948	54.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.30%	

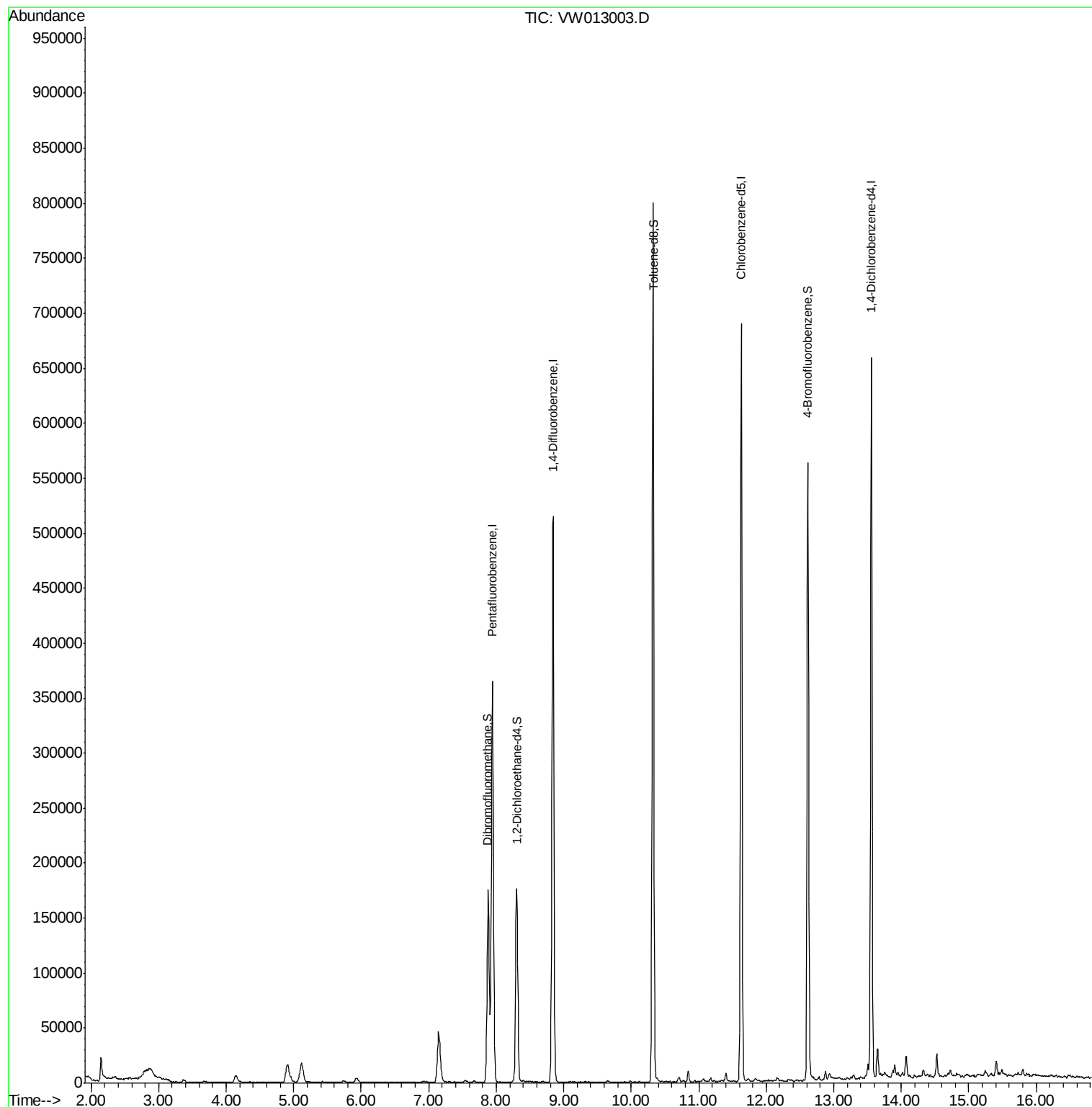
Target Compounds	Qvalue

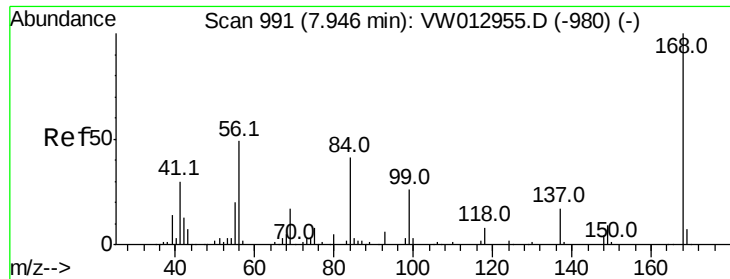
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013003.D

Acq: 14 Sep 2019 19:22

Instrument :

MSVOA_W

ClientSampleId :

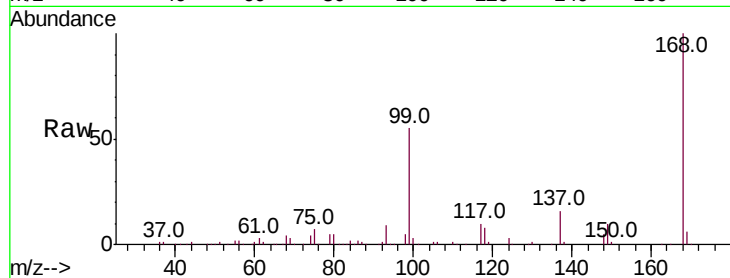
SB-4A-(9)

Tot Ion:168 Resp: 285533

Ion Ratio Lower Upper

168 100

99 55.5 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

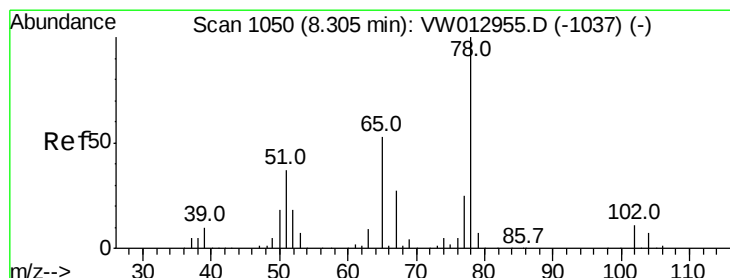
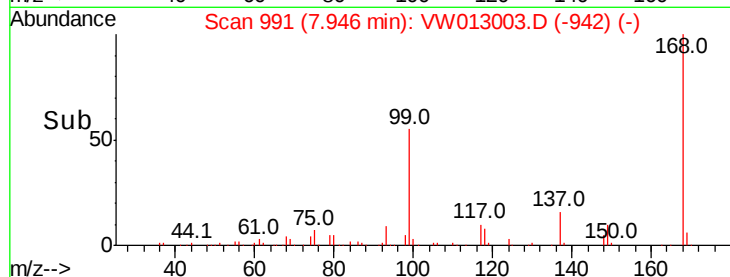
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 55.991 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013003.D

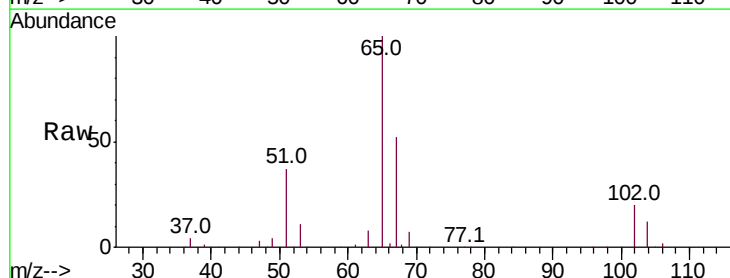
Acq: 14 Sep 2019 19:22

Tgt Ion: 65 Resp: 147655

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

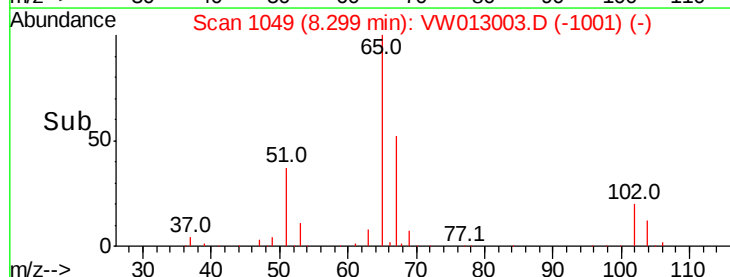
60000

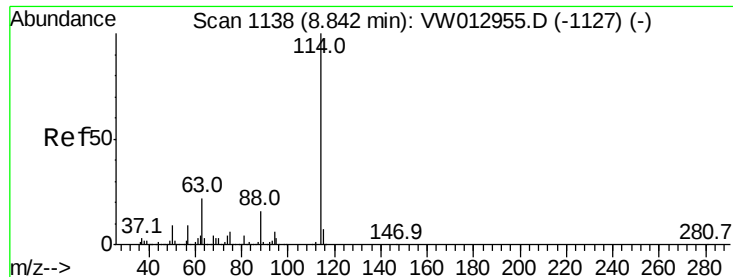
40000

20000

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: VW013003.D

Acq: 14 Sep 2019 19:22

Instrument :

MSVOA_W

ClientSampleId :

SB-4A-(9)

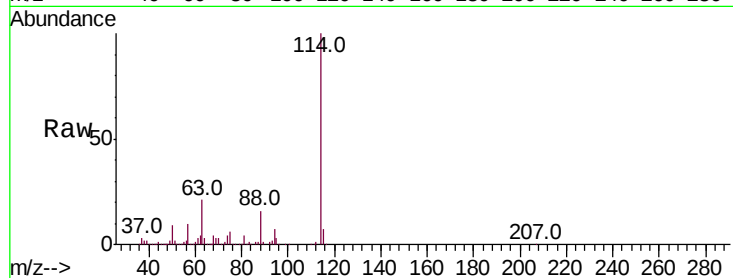
Tot Ion:114 Resp: 430381

Ion Ratio Lower Upper

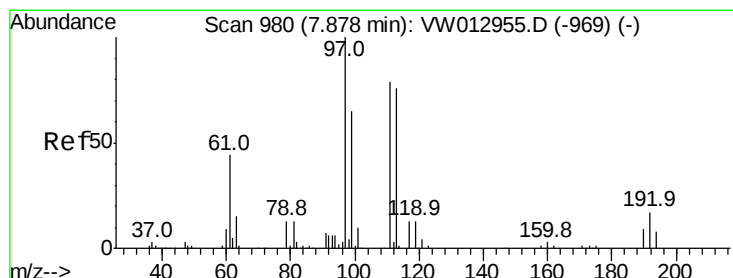
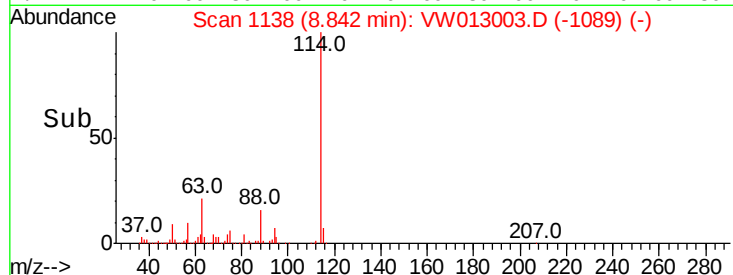
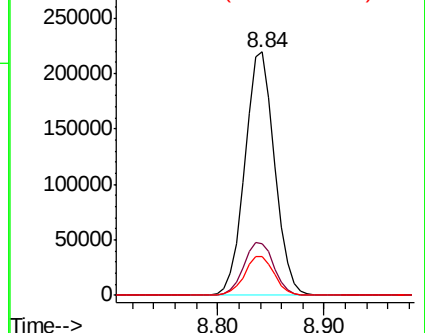
114 100

63 21.4 0.0 43.4

88 16.0 0.0 31.6



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: 53.619 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW013003.D

Acq: 14 Sep 2019 19:22

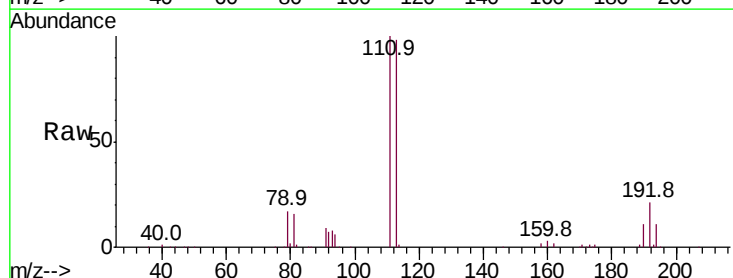
Tgt Ion:113 Resp: 125217

Ion Ratio Lower Upper

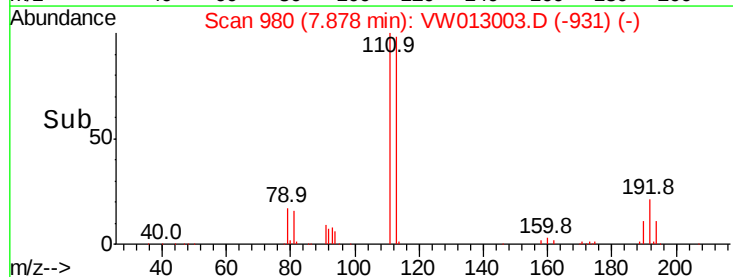
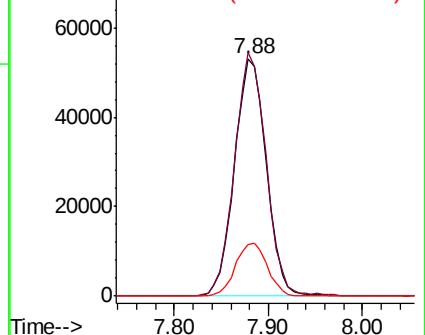
113 100

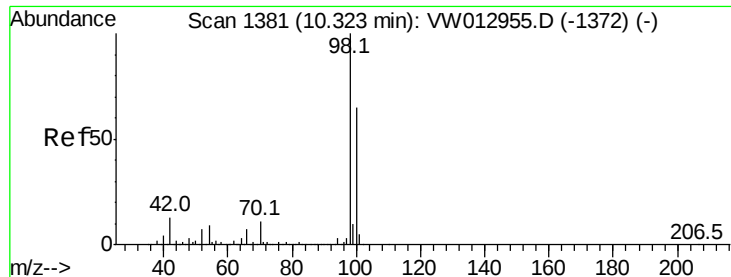
111 101.8 82.8 124.2

192 22.5 17.8 26.8



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: 56.519 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013003.D

Acq: 14 Sep 2019 19:22

Instrument :

MSVOA_W

ClientSampleId :

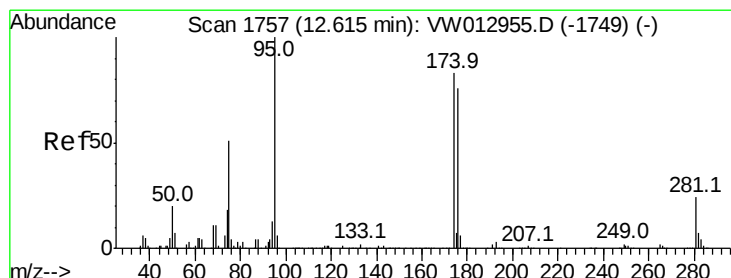
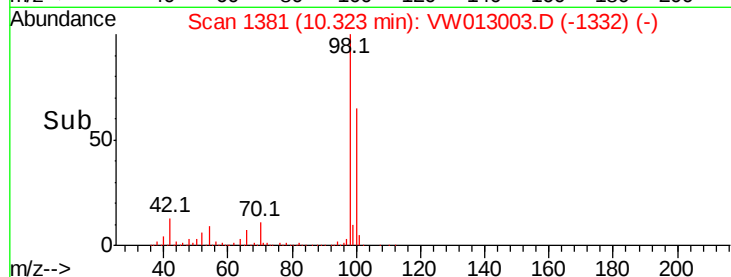
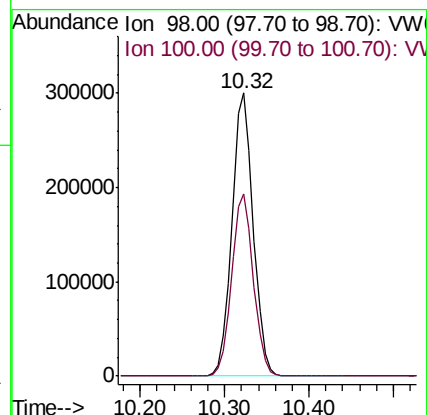
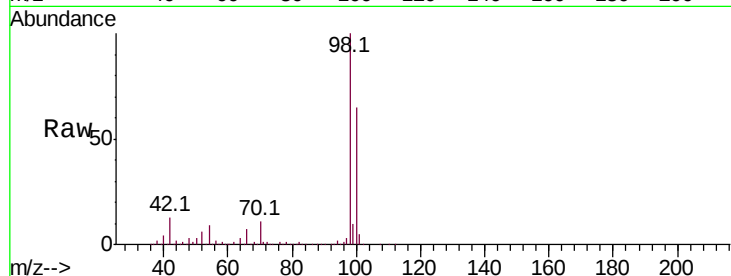
SB-4A-(9)

Tot Ion: 98 Resp: 516484

Ion Ratio Lower Upper

98 100

100 65.5 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 54.155 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013003.D

Acq: 14 Sep 2019 19:22

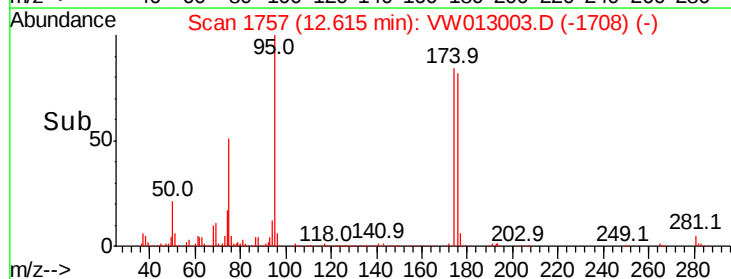
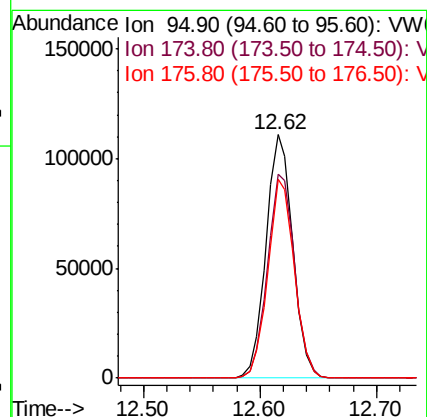
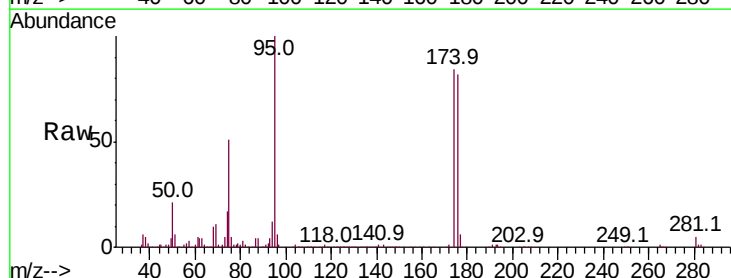
Tgt Ion: 95 Resp: 177948

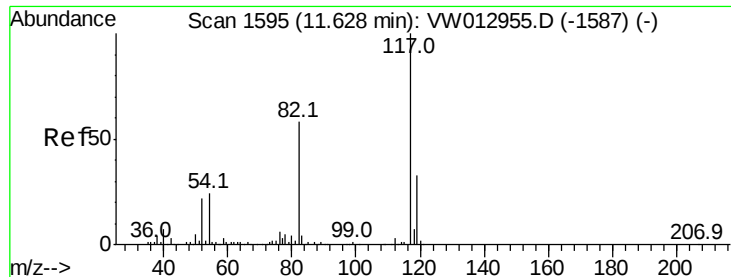
Ion Ratio Lower Upper

95 100

174 84.9 0.0 170.4

176 80.5 0.0 164.6

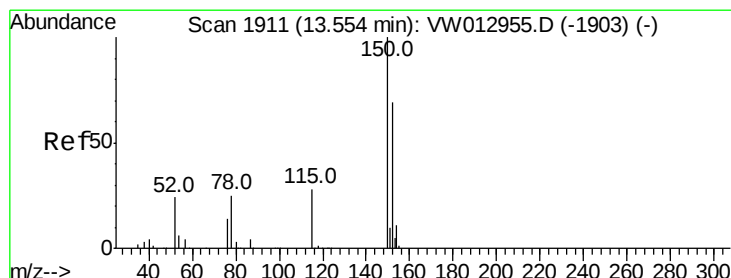
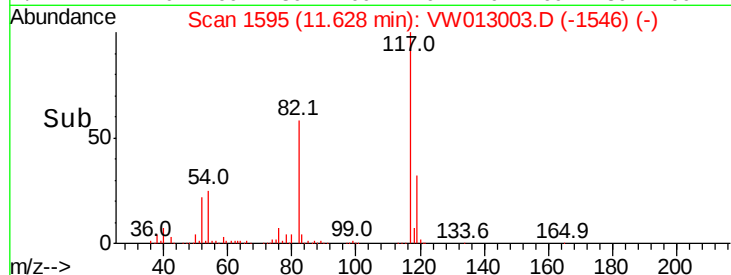
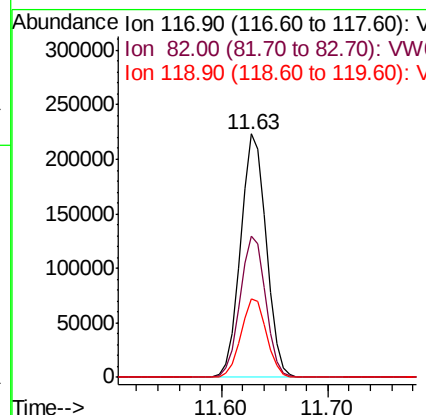
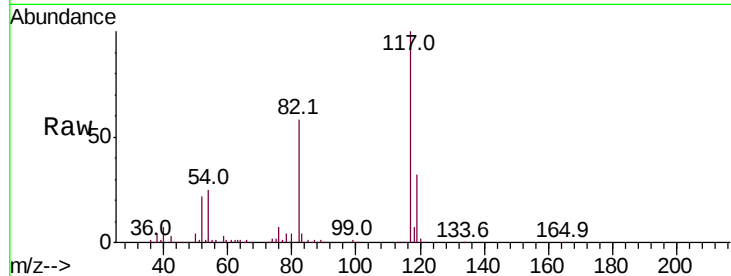




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013003.D
Acq: 14 Sep 2019 19:22

Instrument :
MSVOA_W
ClientSampleId :
SB-4A-(9)

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.0	46.3	69.5
119	32.2	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VW013003.D
Acq: 14 Sep 2019 19:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	28.8	86.4
150	159.3	0.0	340.2

