

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082919\
 Data File : VW012324.D
 Acq On : 30 Aug 2019 01:32
 Operator : SY/VA
 Sample : K4568-07
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-17-8.5-9.0

Quant Time: Aug 30 09:32:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	255170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	418718	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	341746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	140401	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	153830	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
35) Dibromofluoromethane	7.88	113	124116	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	10.32	98	509254	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
62) 4-Bromofluorobenzene	12.62	95	163959	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	

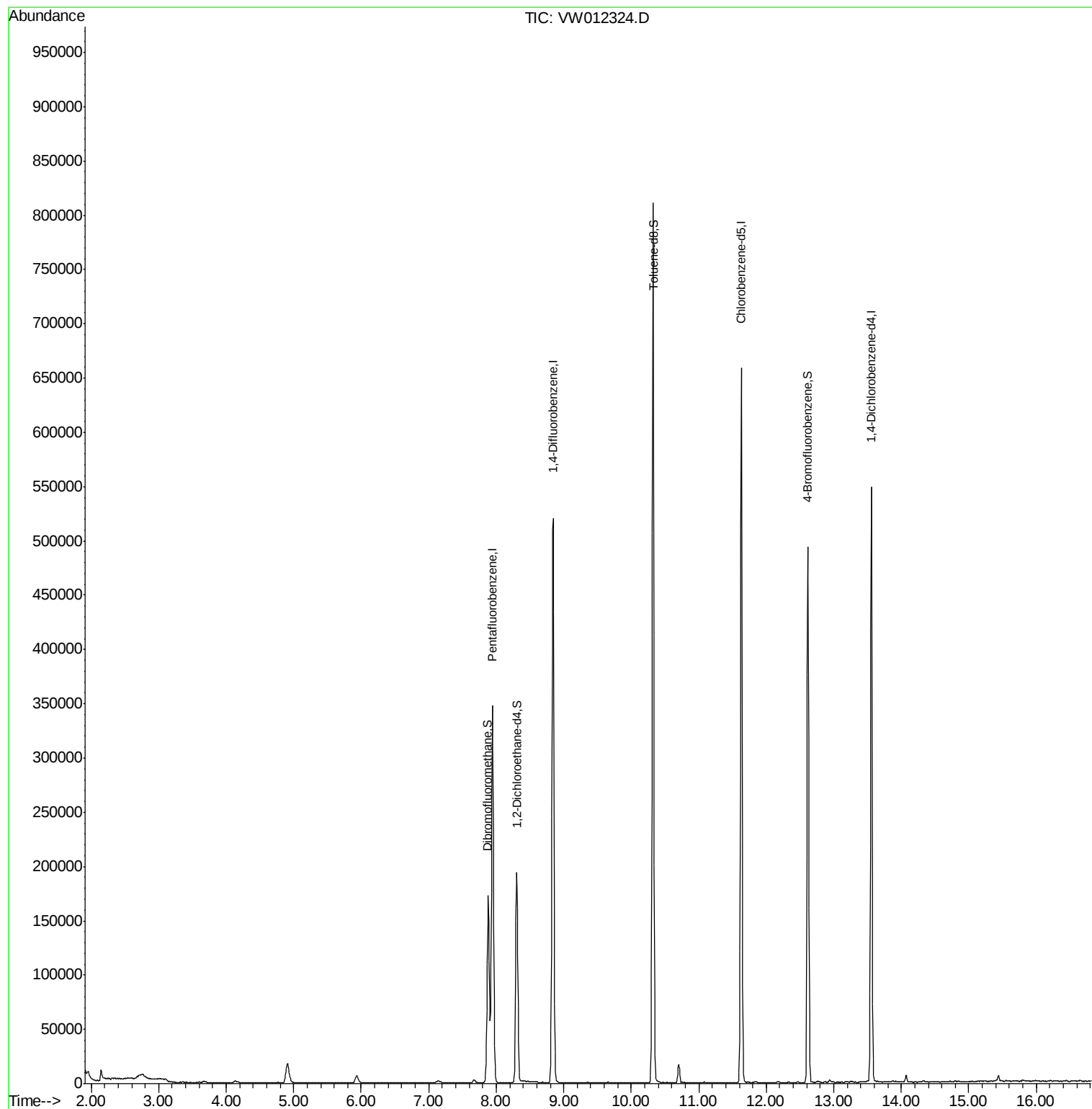
Target Compounds	Qvalue

(#) = 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: VW012324.D

Acq: 30 Aug 2019 01:32

Instrument :

MSVOA_W

ClientSampleId :

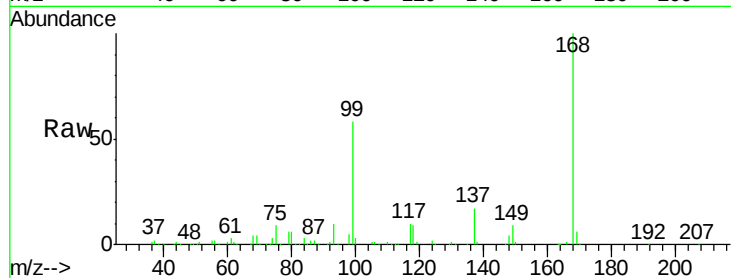
SB-17-8.5-9.0

Tot Ion:168 Resp: 255170

Ion Ratio Lower Upper

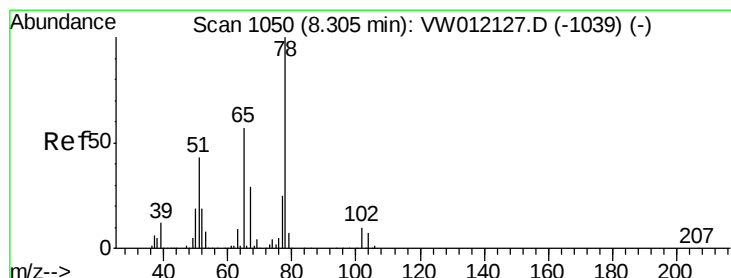
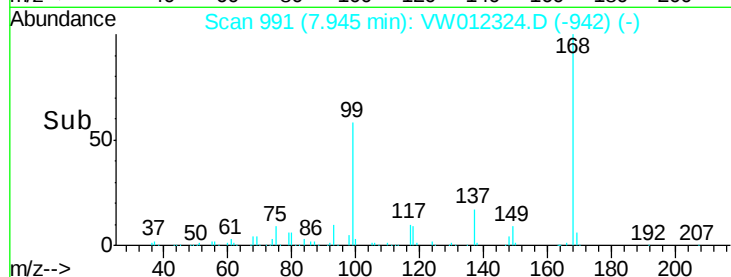
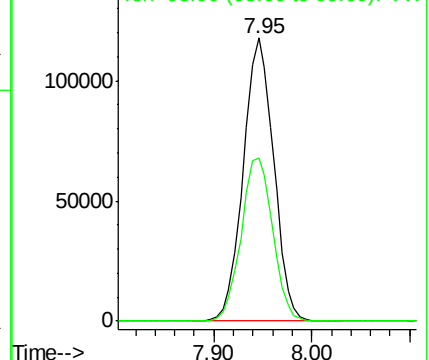
168 100

99 57.8 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 50.713 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012324.D

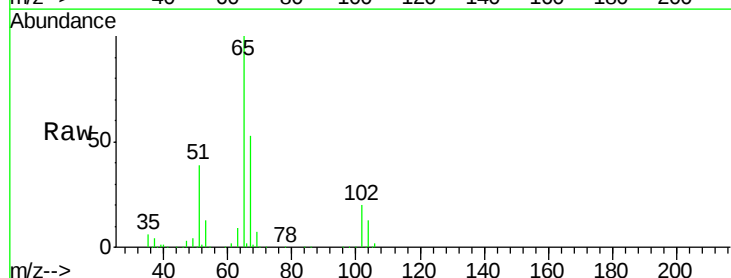
Acq: 30 Aug 2019 01:32

Tgt Ion: 65 Resp: 153830

Ion Ratio Lower Upper

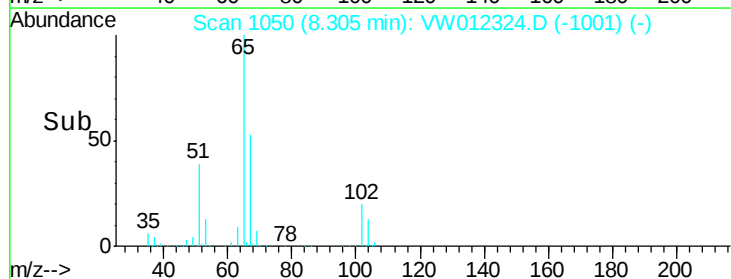
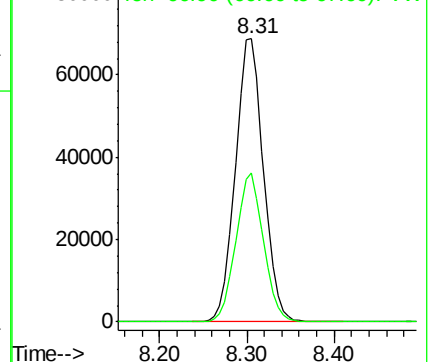
65 100

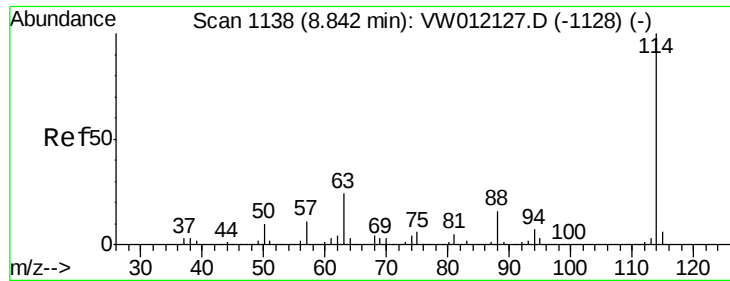
67 51.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

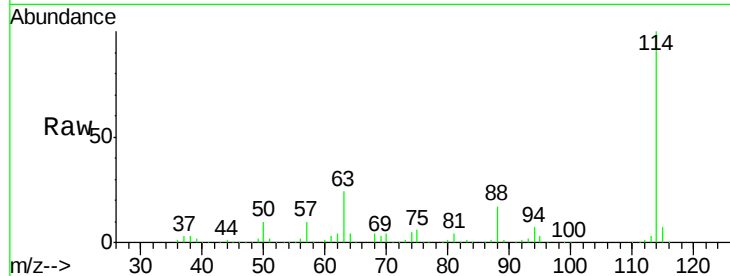




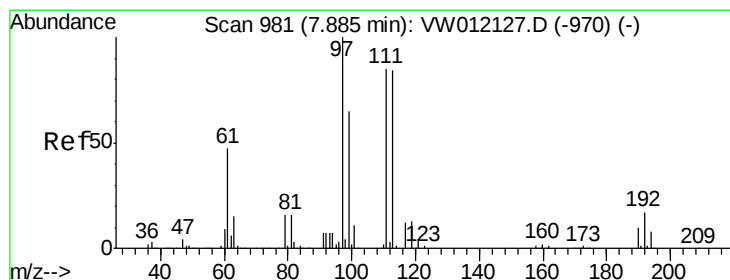
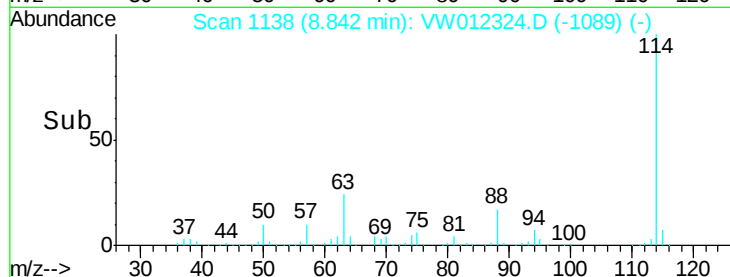
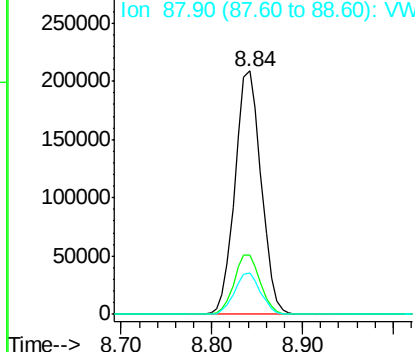
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW012324.D
Acq: 30 Aug 2019 01:32

Instrument :
MSVOA_W
ClientSampled :
SB-17-8.5-9.0

Tot Ion:114 Resp: 418718
Ion Ratio Lower Upper
114 100
63 24.4 0.0 48.6
88 16.8 0.0 32.2

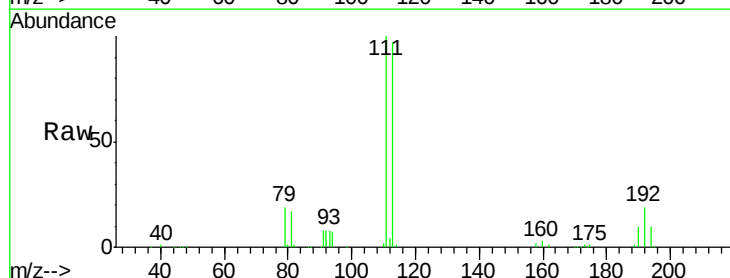


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

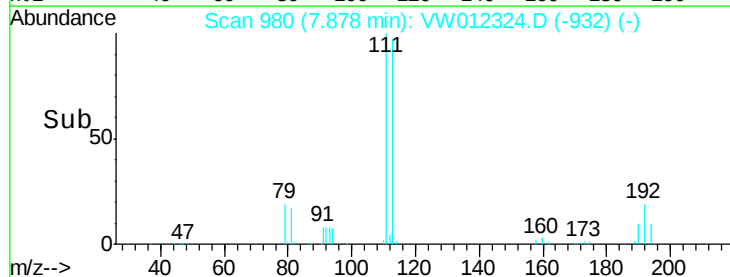
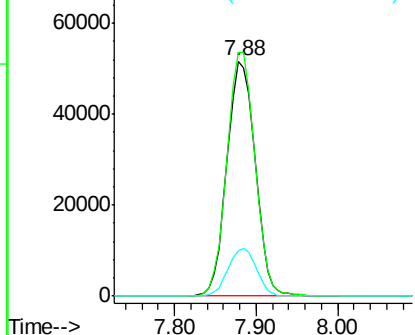


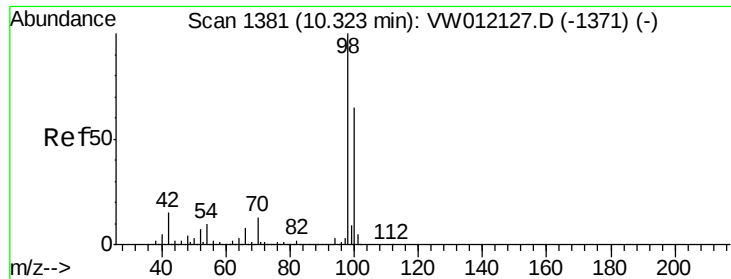
#35
Dibromofluoromethane
Concen: 49.659 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW012324.D
Acq: 30 Aug 2019 01:32

Tgt Ion:113 Resp: 124116
Ion Ratio Lower Upper
113 100
111 103.0 82.7 124.1
192 20.3 16.2 24.2



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: 50.252 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012324.D

Acq: 30 Aug 2019 01:32

Instrument :

MSVOA_W

ClientSampleId :

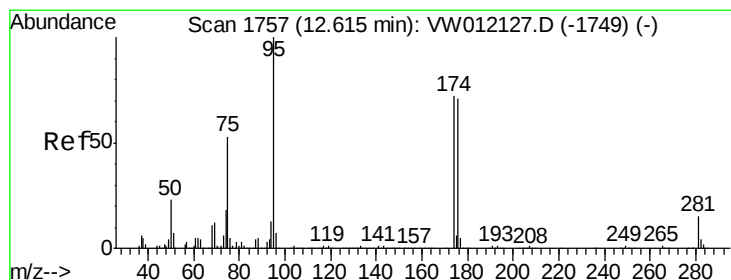
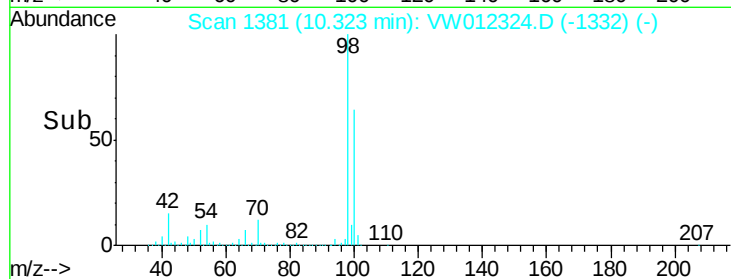
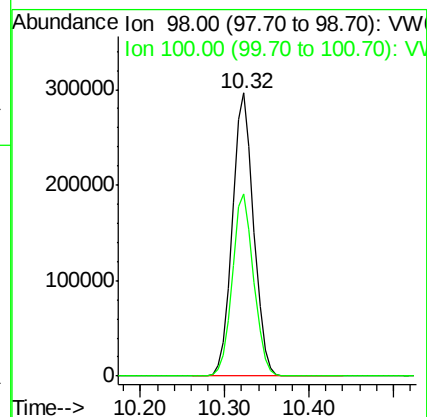
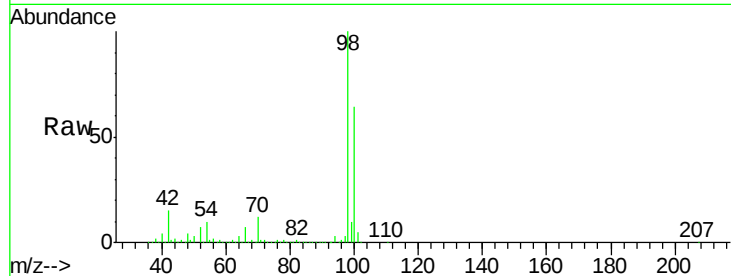
SB-17-8.5-9.0

Tot Ion: 98 Resp: 509254

Ion Ratio Lower Upper

98 100

100 64.6 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 45.898 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012324.D

Acq: 30 Aug 2019 01:32

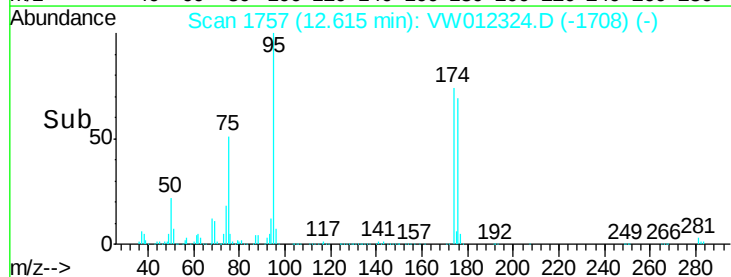
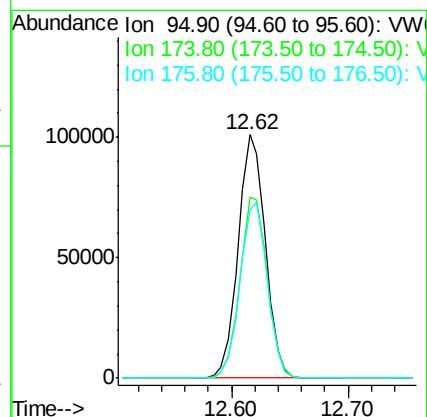
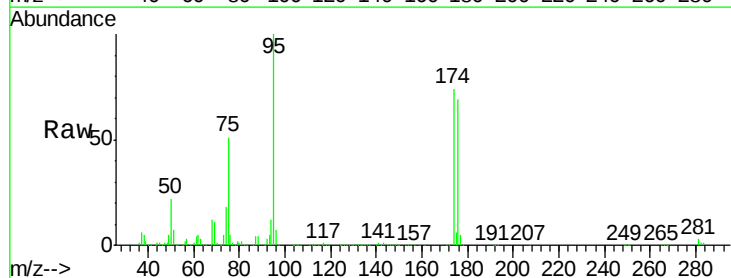
Tgt Ion: 95 Resp: 163959

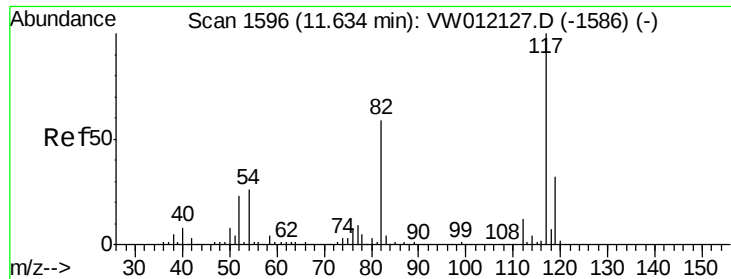
Ion Ratio Lower Upper

95 100

174 75.3 0.0 150.8

176 72.4 0.0 148.6

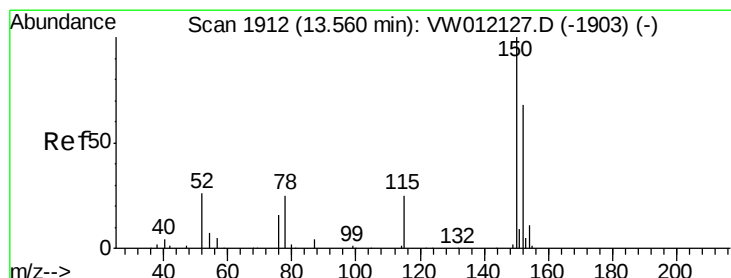
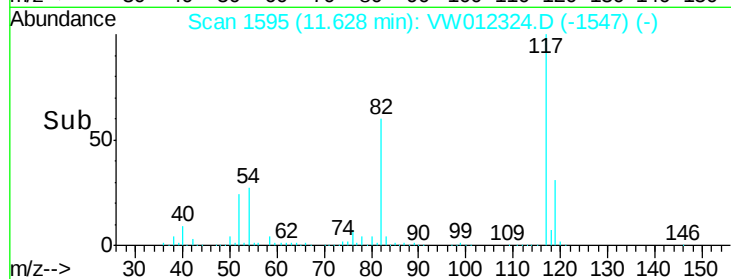
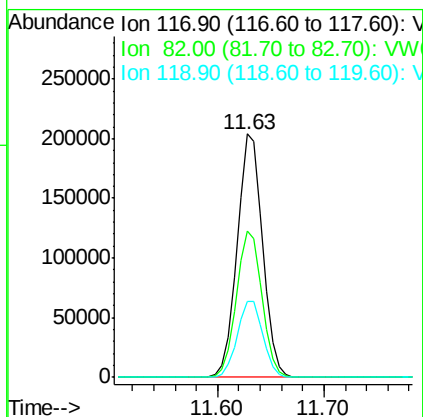
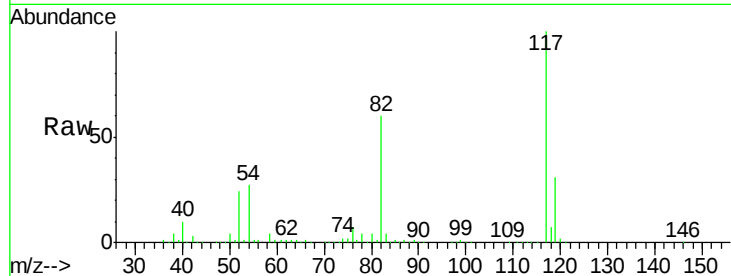




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012324.D
Acq: 30 Aug 2019 01:32

Instrument :
MSVOA_W
ClientSampleId :
SB-17-8.5-9.0

Tot Ion:117 Resp: 341746
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.2
119 31.4 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: VW012324.D
Acq: 30 Aug 2019 01:32

Tgt Ion:152 Resp: 140401
Ion Ratio Lower Upper
152 100
115 59.0 30.1 90.3
150 155.7 0.0 345.8

