

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013707.D
 Acq On : 24 Oct 2019 10:04
 Operator : SY/VA
 Sample : K5503-20
 Misc : 5.27G/5ML/MSVOA W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 171-06-(1.9)

Quant Time: Oct 24 11:00:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	36643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	50202	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	38895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	9059	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	14524	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	
35) Dibromofluoromethane	7.88	113	15533	55.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.36%	
50) Toluene-d8	10.32	98	56006	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.62	95	12575	32.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.34%	

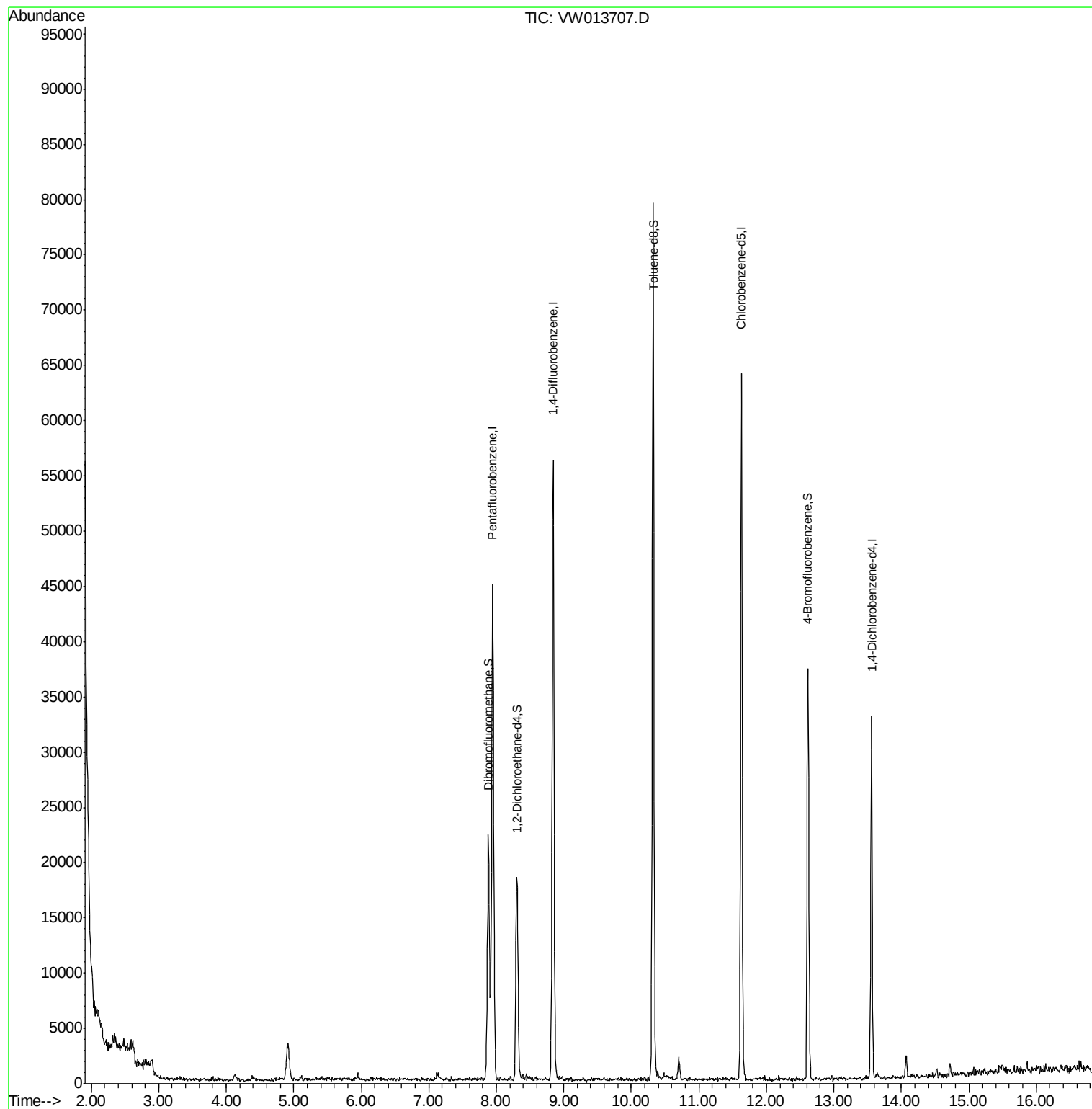
Target Compounds	Qvalue

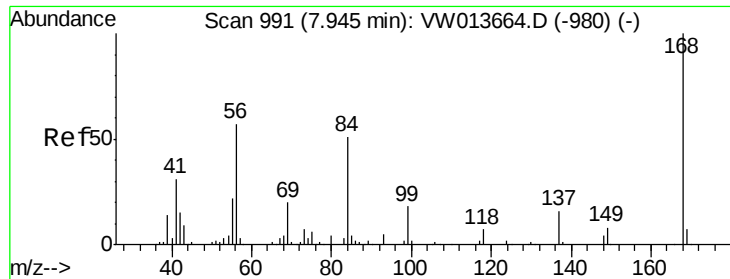
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102319\
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QLast Update : Wed Oct 23 14:11:46 2019
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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: VW013707.D

Acq: 24 Oct 2019 10:04

Instrument :

MSVOA_W

ClientSampleId :

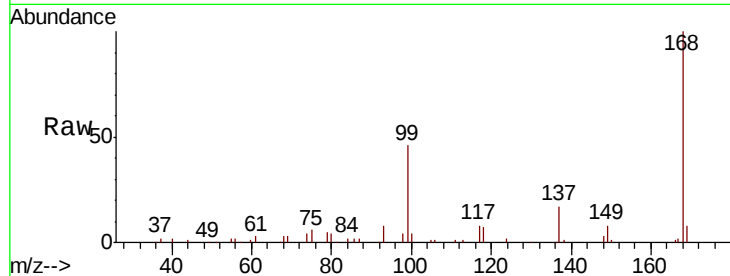
171-06-(1.9)

Tot Ion:168 Resp: 36643

Ion Ratio Lower Upper

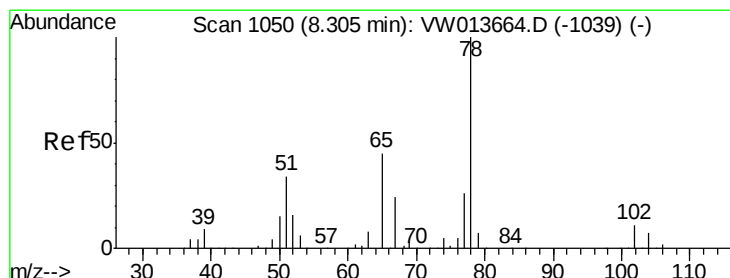
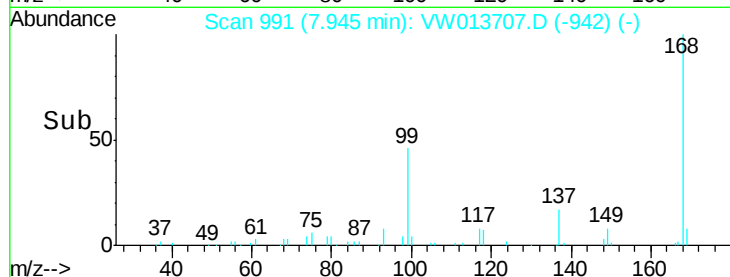
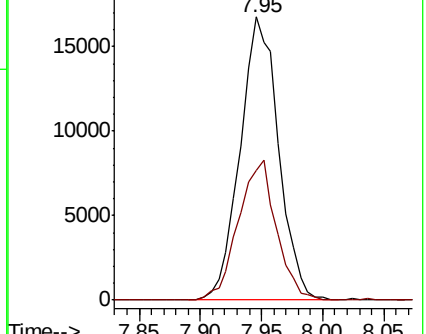
168 100

99 46.0 39.0 58.6



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: 52.837 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013707.D

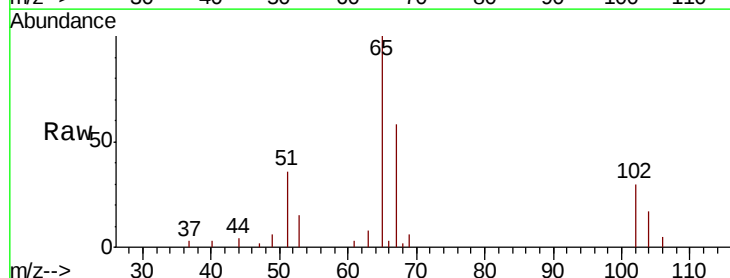
Acq: 24 Oct 2019 10:04

Tgt Ion: 65 Resp: 14524

Ion Ratio Lower Upper

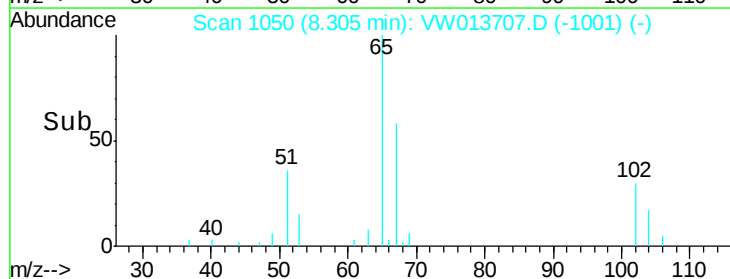
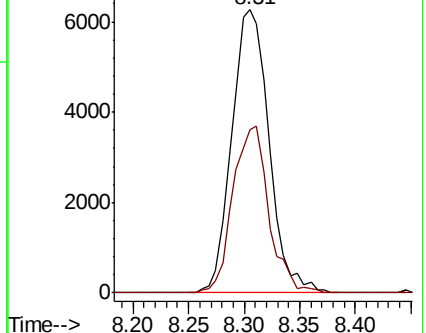
65 100

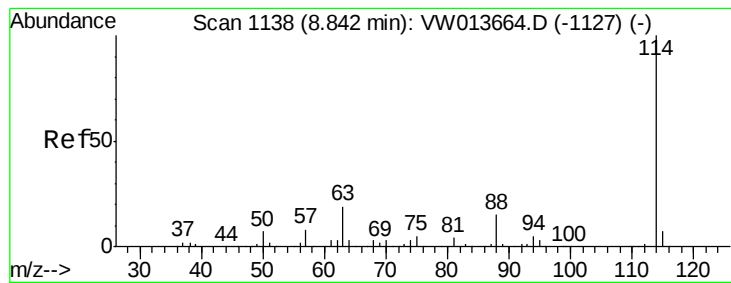
67 56.7 0.0 109.4



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: VW013707.D

Acq: 24 Oct 2019 10:04

Instrument :

MSVOA_W

ClientSampleId :

171-06-(1.9)

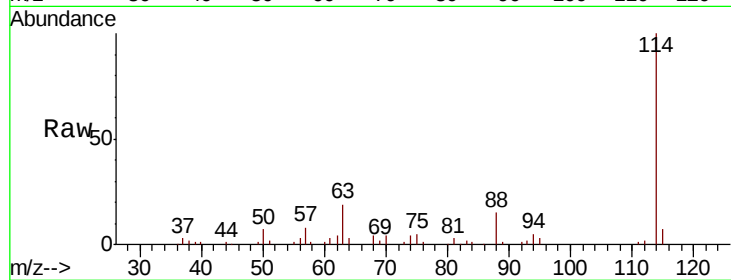
Tot Ion:114 Resp: 50202

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.6

88 14.7 0.0 30.2



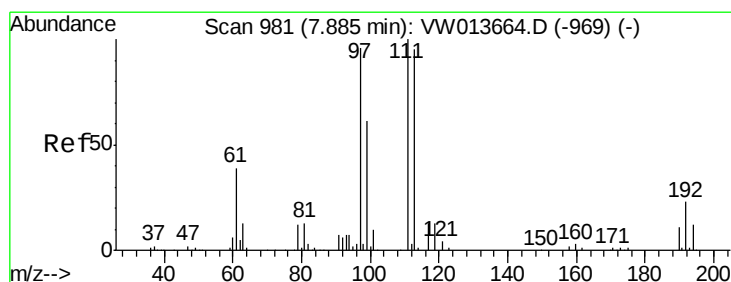
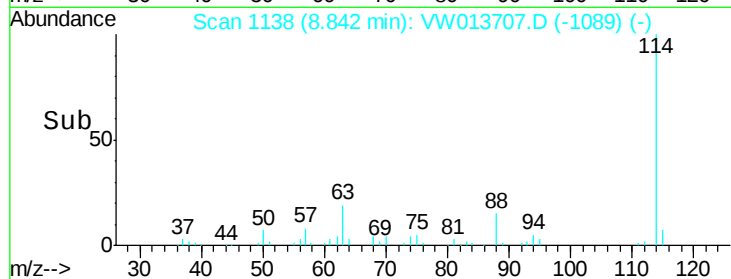
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

8.84

Time-->



#35

Dibromofluoromethane

Concen: 55.684 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW013707.D

Acq: 24 Oct 2019 10:04

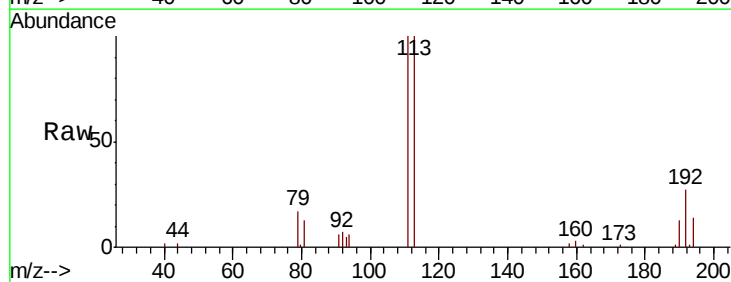
Tgt Ion:113 Resp: 15533

Ion Ratio Lower Upper

113 100

111 105.1 83.0 124.6

192 25.0 19.4 29.2



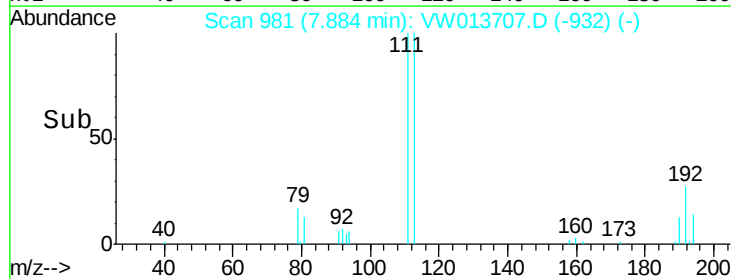
Abundance Ion 112.80 (112.50 to 113.50): V

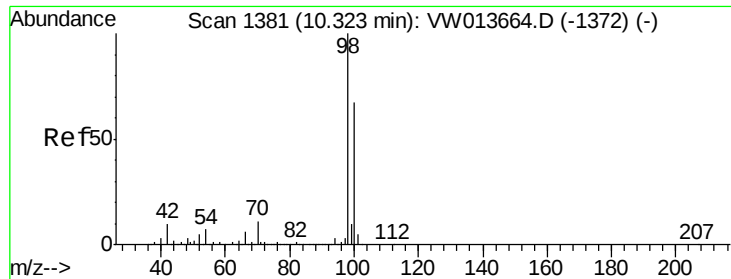
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.88

Time-->





#50

Toluene-d8

Concen: 49.273 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013707.D

Acq: 24 Oct 2019 10:04

Instrument :

MSVOA_W

ClientSampleId :

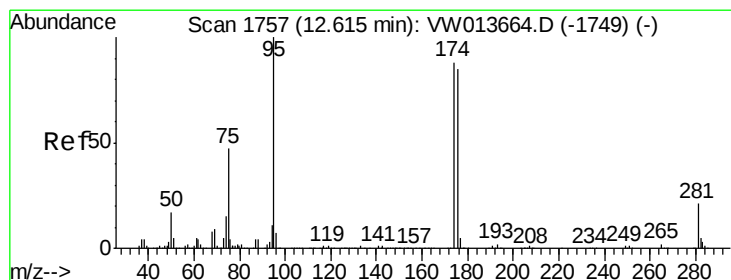
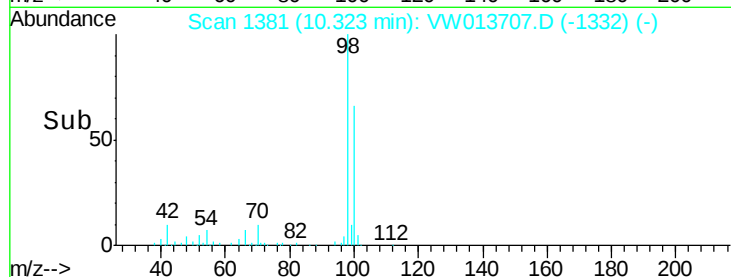
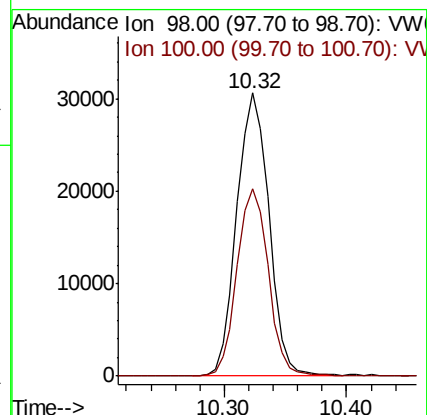
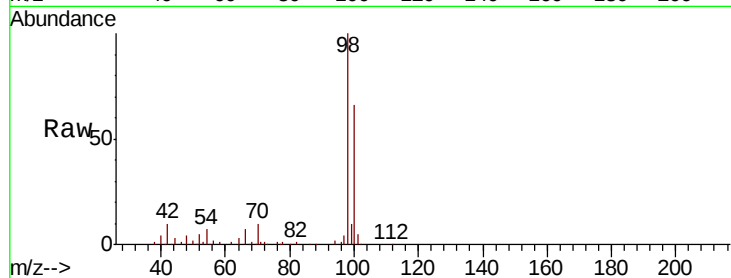
171-06-(1.9)

Tot Ion: 98 Resp: 56006

Ion Ratio Lower Upper

98 100

100 64.5 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 32.673 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013707.D

Acq: 24 Oct 2019 10:04

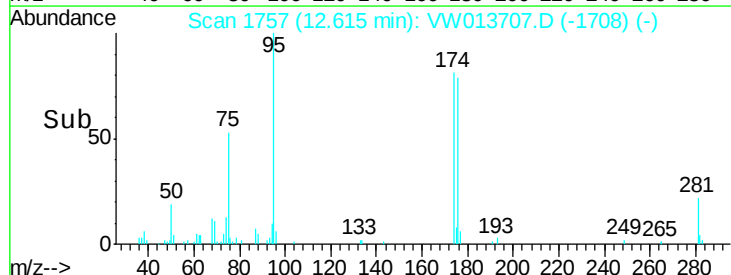
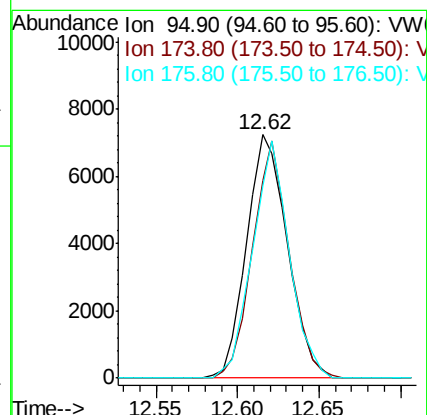
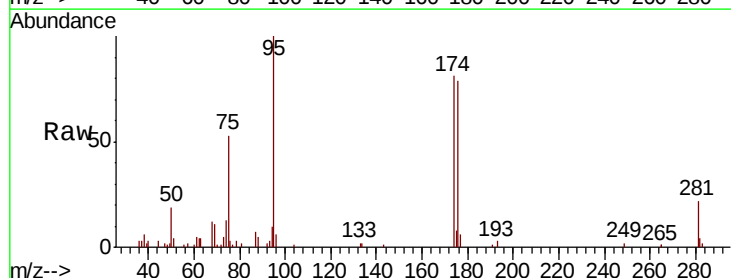
Tgt Ion: 95 Resp: 12575

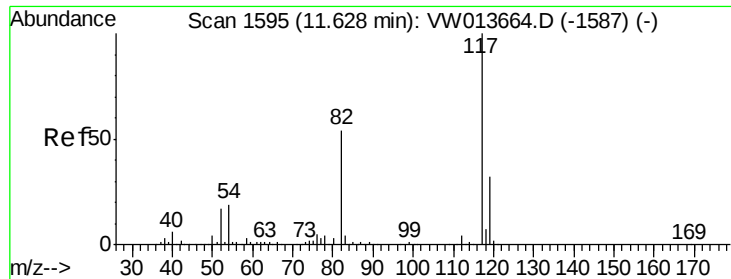
Ion Ratio Lower Upper

95 100

174 88.0 0.0 183.6

176 87.9 0.0 178.0

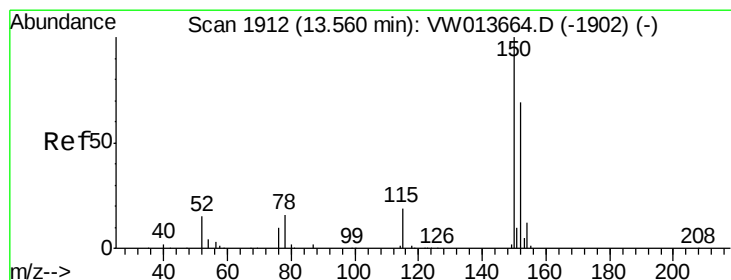
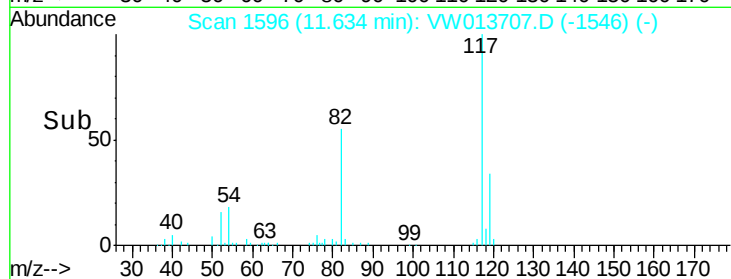
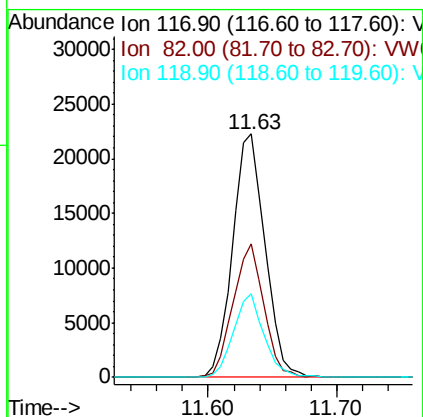
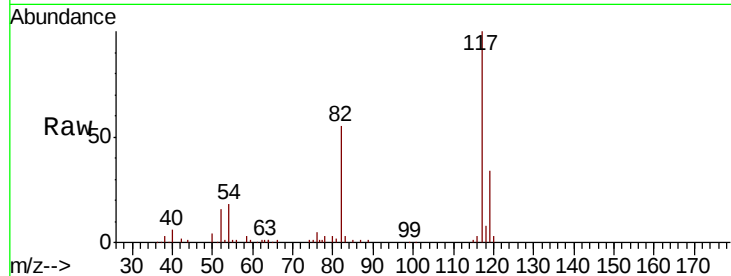




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013707.D
Acq: 24 Oct 2019 10:04

Instrument :
MSVOA_W
ClientSampleId :
171-06-(1.9)

Tot Ion:117 Resp: 38895
Ion Ratio Lower Upper
117 100
82 54.9 43.6 65.4
119 34.1 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: VW013707.D
Acq: 24 Oct 2019 10:04

Tgt Ion:152 Resp: 9059
Ion Ratio Lower Upper
152 100
115 56.9 27.4 82.2
150 156.8 0.0 345.4

