

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111219\
 Data File : VW013987.D
 Acq On : 12 Nov 2019 20:24
 Operator : SY/VA
 Sample : K5788-05
 Misc : 6.26G/5.0ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-5

Quant Time: Nov 13 08:19:06 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	281094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	436617	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	374465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	162973	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	122859	58.26	ug/l	0.00
Spiked Amount						
			Recovery	=	116.52%	
35) Dibromofluoromethane	7.88	113	128902	53.13	ug/l	0.00
Spiked Amount						
			Recovery	=	106.26%	
50) Toluene-d8	10.32	98	502804	50.86	ug/l	0.00
Spiked Amount						
			Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.62	95	156559	46.77	ug/l	0.00
Spiked Amount						
			Recovery	=	93.54%	

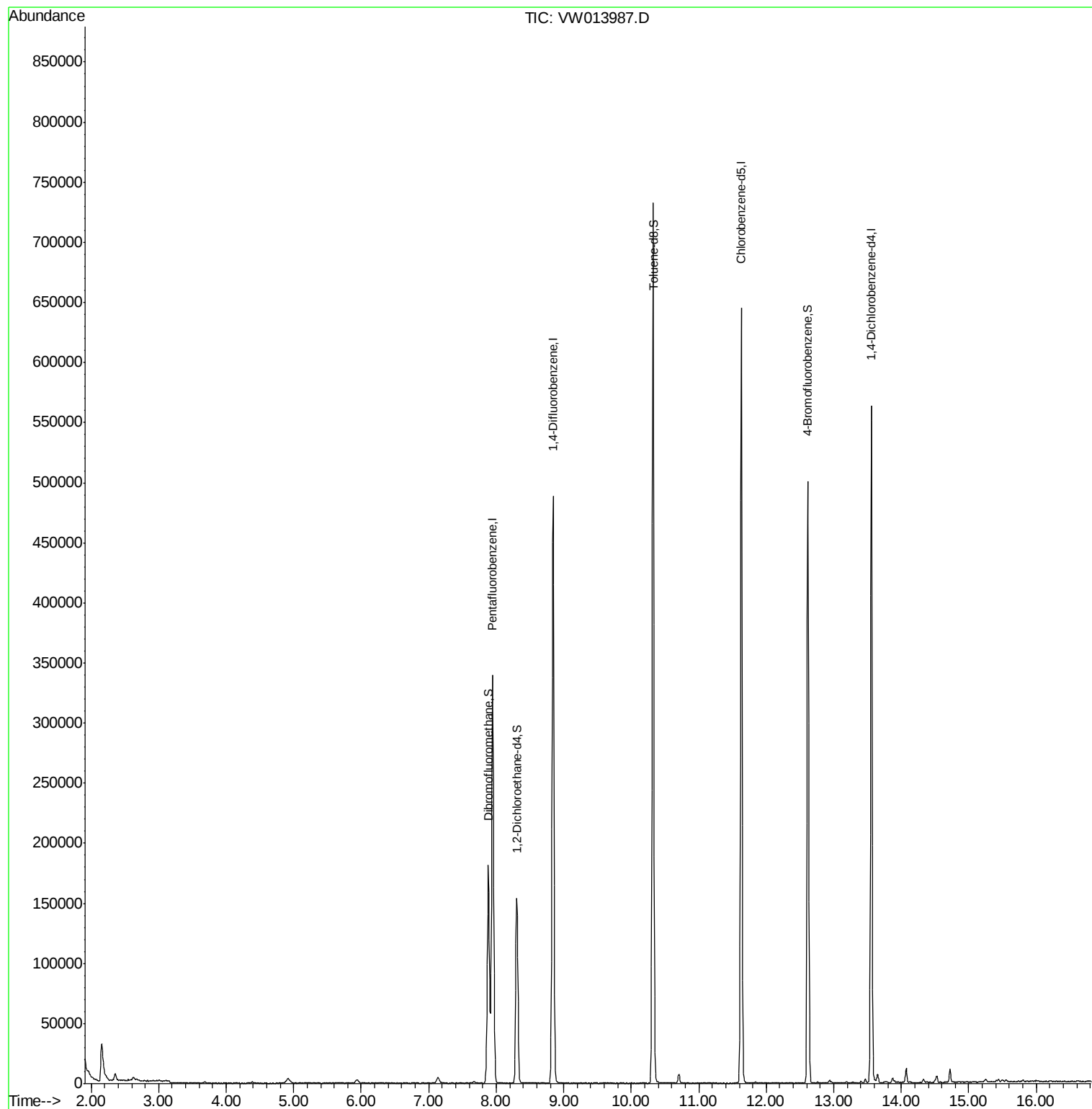
Target Compounds	Qvalue

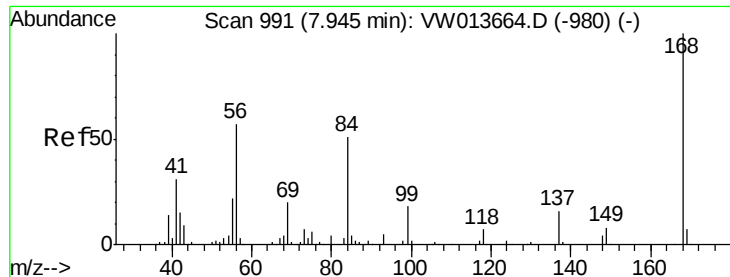
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013987.D

Acq: 12 Nov 2019 20:24

Instrument :

MSVOA_W

ClientSampled :

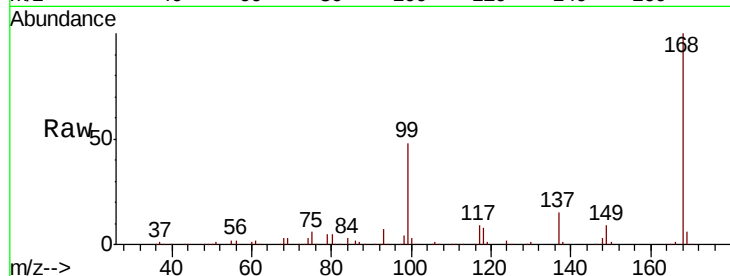
B-5

Tot Ion:168 Resp: 281094

Ion Ratio Lower Upper

168 100

99 48.1 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

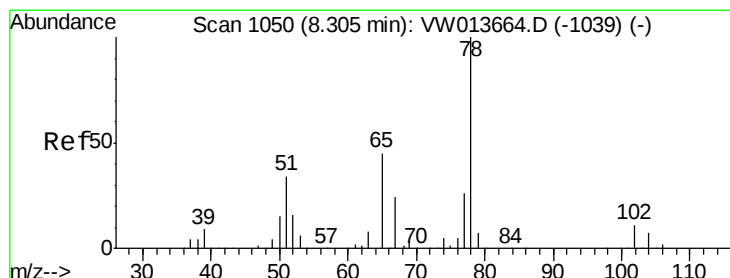
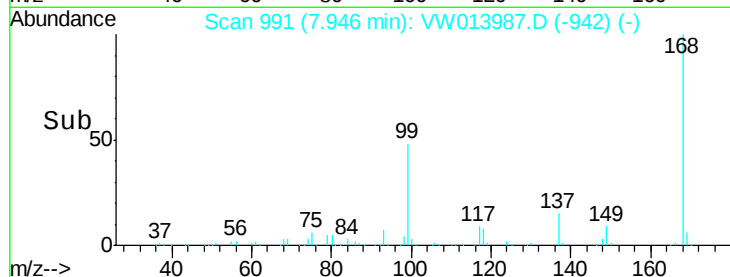
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.264 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013987.D

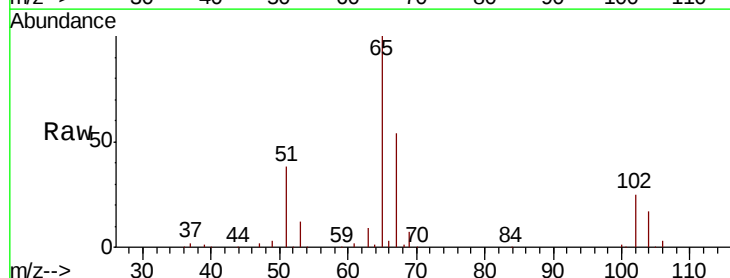
Acq: 12 Nov 2019 20:24

Tgt Ion: 65 Resp: 122859

Ion Ratio Lower Upper

65 100

67 53.4 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

60000

50000

40000

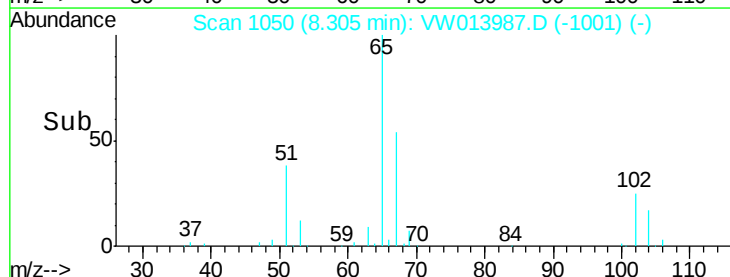
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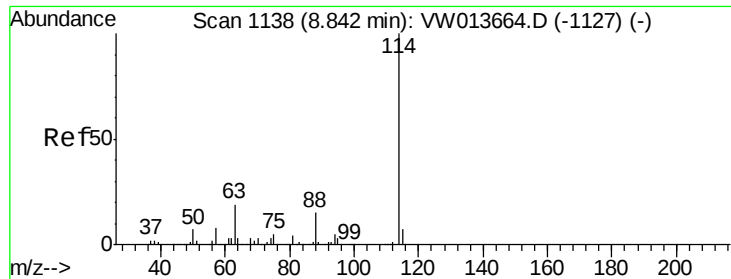
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10000

0

Time-->

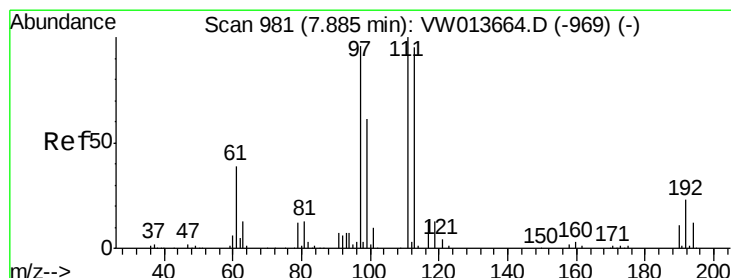
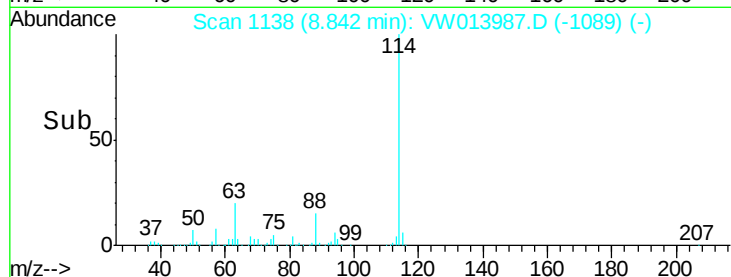
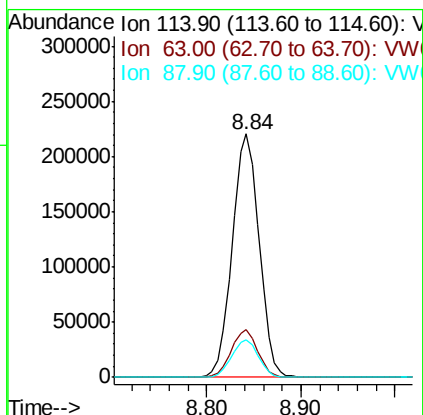
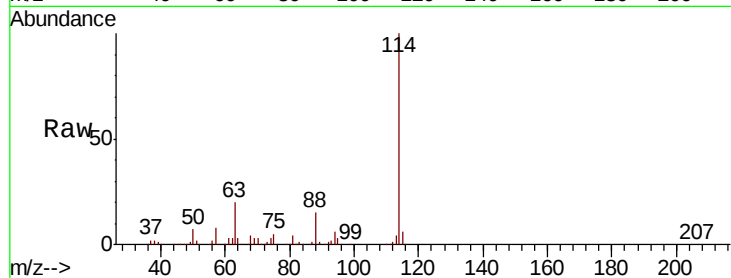




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013987.D
 Acq: 12 Nov 2019 20:24

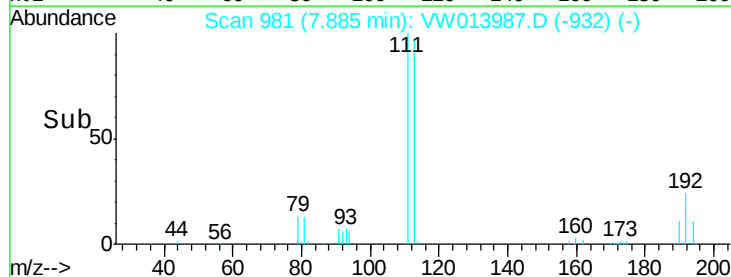
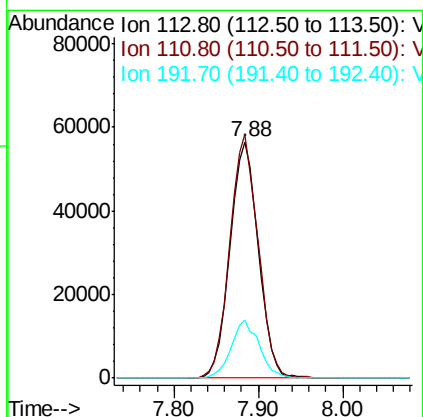
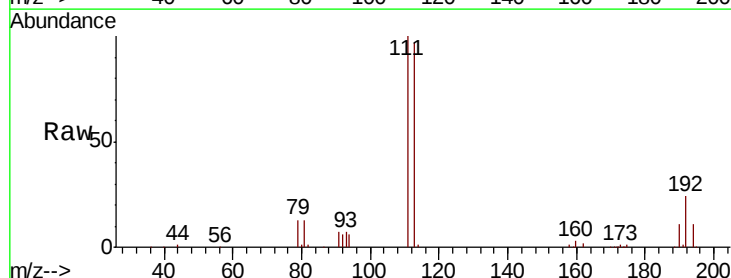
Instrument :
 MSVOA_W
 ClientSampleId :
 B-5

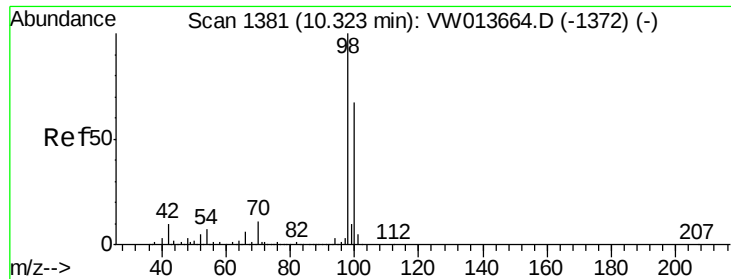
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	37.6
88	15.3	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 53.132 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW013987.D
 Acq: 12 Nov 2019 20:24

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.0	124.6
192	24.1	19.4	29.2





#50

Toluene-d8

Concen: 50.862 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013987.D

Acq: 12 Nov 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

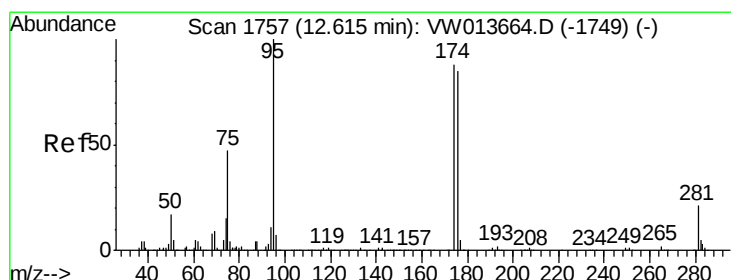
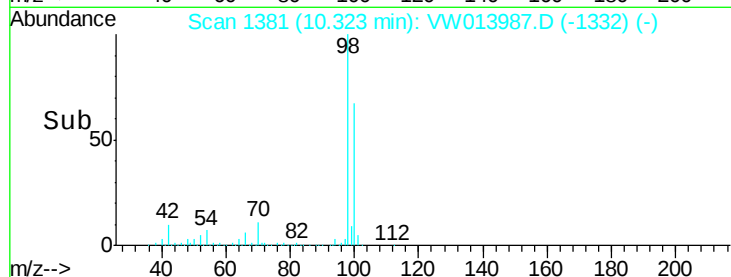
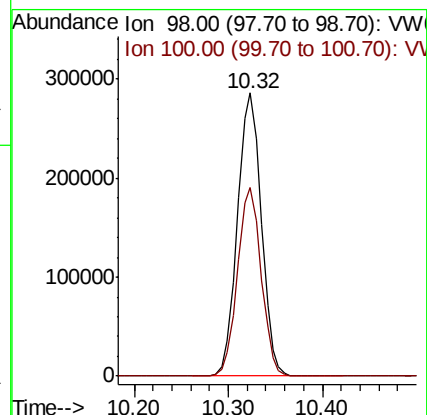
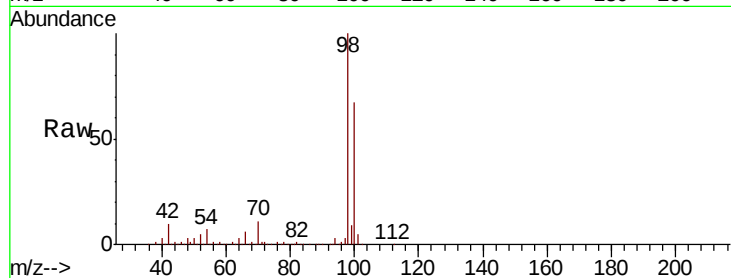
B-5

Tot Ion: 98 Resp: 502804

Ion Ratio Lower Upper

98 100

100 66.1 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 46.771 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013987.D

Acq: 12 Nov 2019 20:24

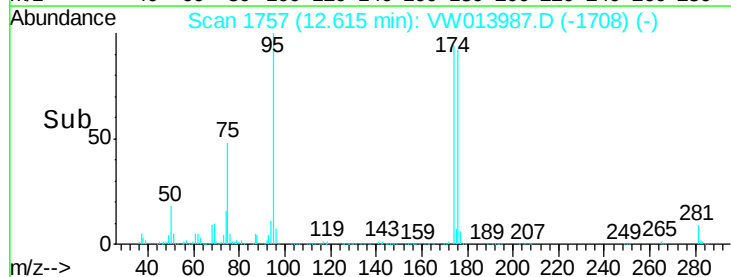
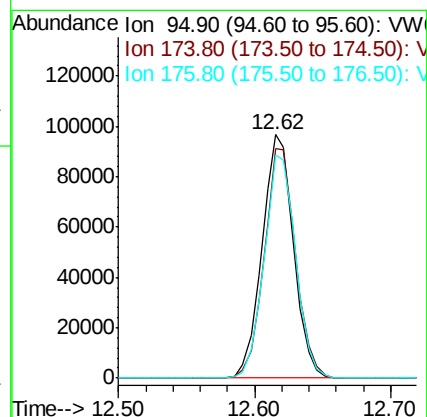
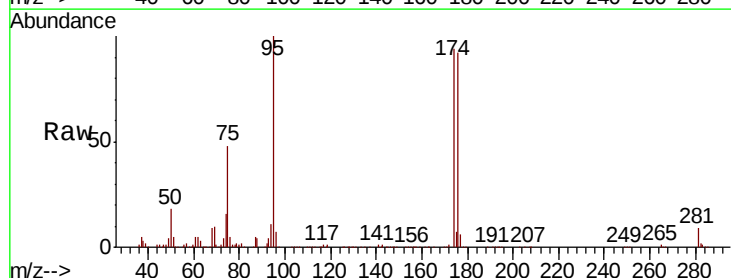
Tgt Ion: 95 Resp: 156559

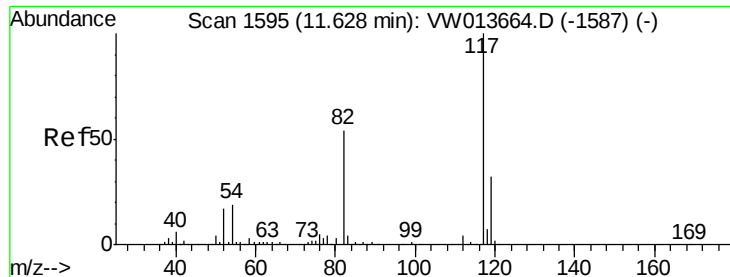
Ion Ratio Lower Upper

95 100

174 93.9 0.0 183.6

176 91.9 0.0 178.0

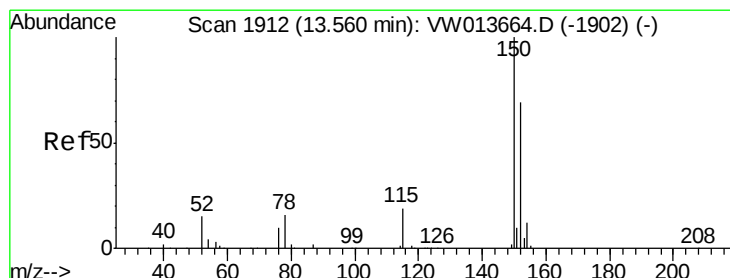
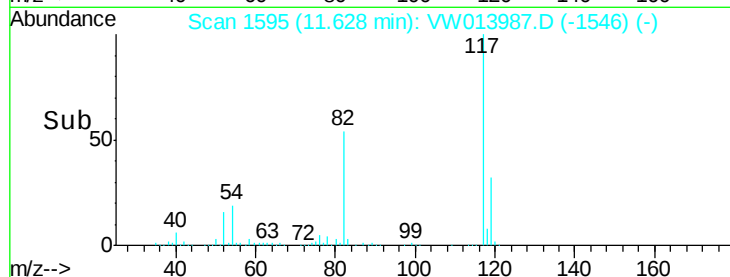
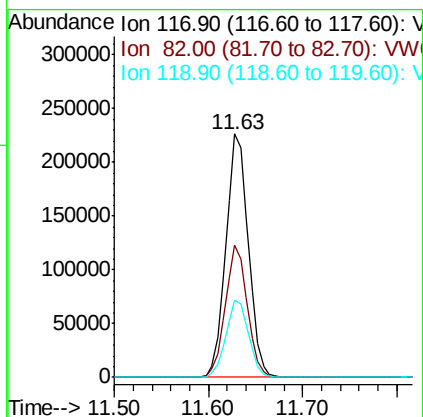
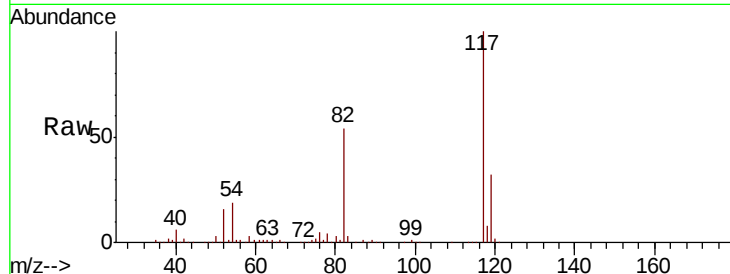




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013987.D
Acq: 12 Nov 2019 20:24

Instrument :
MSVOA_W
ClientSampled :
B-5

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.6	65.4
119	31.6	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: VW013987.D
Acq: 12 Nov 2019 20:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.4	82.2
150	156.2	0.0	345.4

