

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
 Data File : VW013013.D
 Acq On : 15 Sep 2019 01:25
 Operator : SY/VA
 Sample : K4837-01
 Misc : 2.23G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P66-LINDEN-GEN-SP

Quant Time: Sep 16 08:04:01 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	282275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	431866	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	363137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	159320	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	150099	57.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.16%	
35) Dibromofluoromethane	7.88	113	124357	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	
50) Toluene-d8	10.32	98	509592	55.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.14%	
62) 4-Bromofluorobenzene	12.62	95	172519	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	

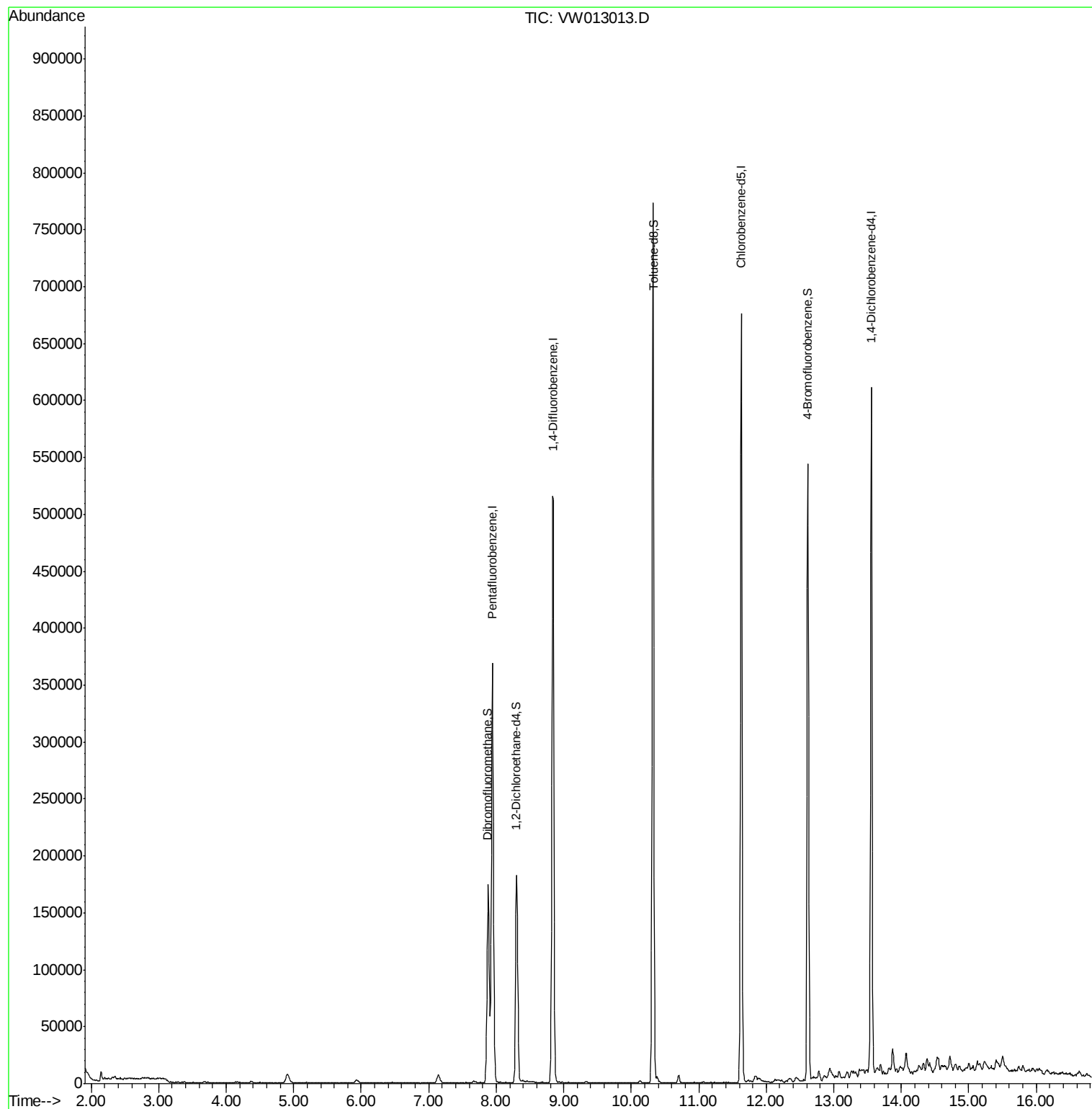
Target Compounds	Qvalue
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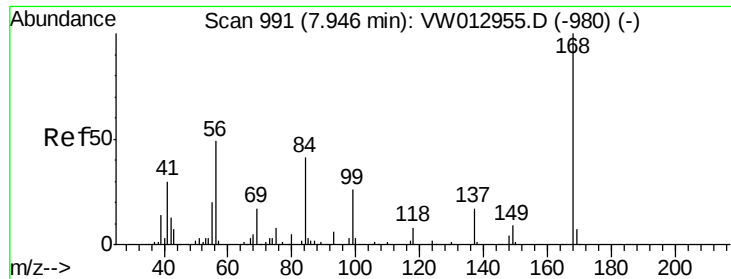
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013013.D

Acq: 15 Sep 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

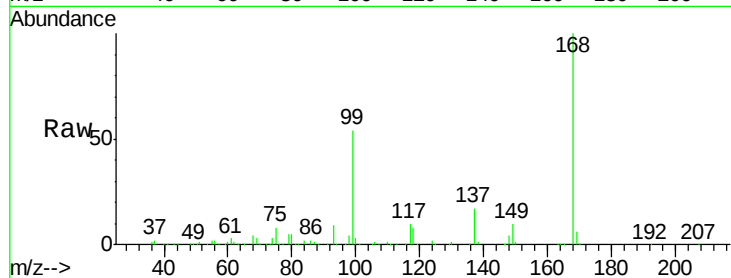
P66-LINDEN-GEN-SP

Tot Ion:168 Resp: 282275

Ion Ratio Lower Upper

168 100

99 54.4 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

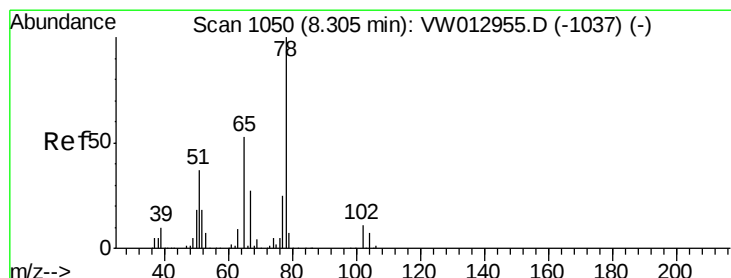
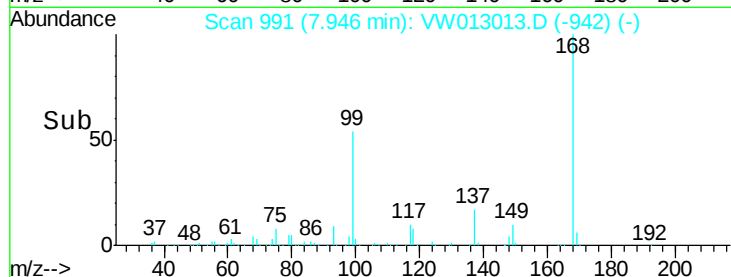
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.575 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013013.D

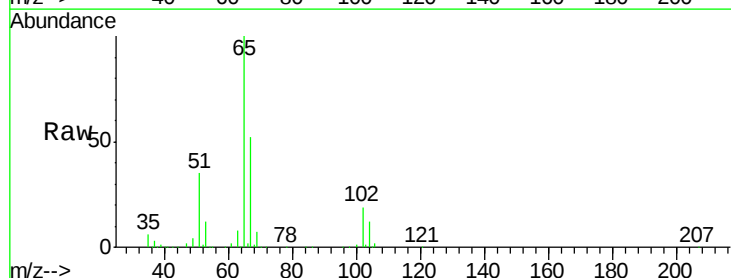
Acq: 15 Sep 2019 01:25

Tgt Ion: 65 Resp: 150099

Ion Ratio Lower Upper

65 100

67 50.8 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

80000

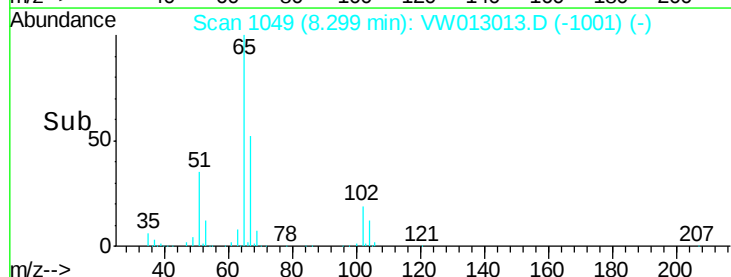
60000

40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VW013013.D

Acq: 15 Sep 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

P66-LINDEN-GEN-SP

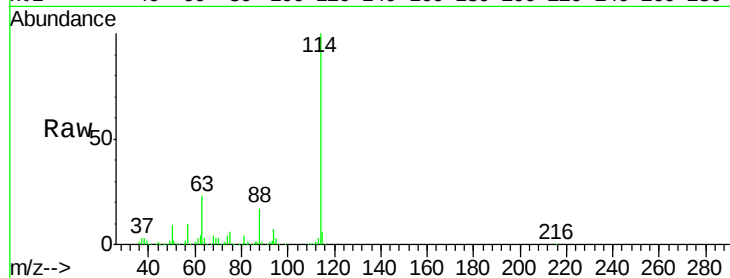
Tot Ion:114 Resp: 431866

Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.4

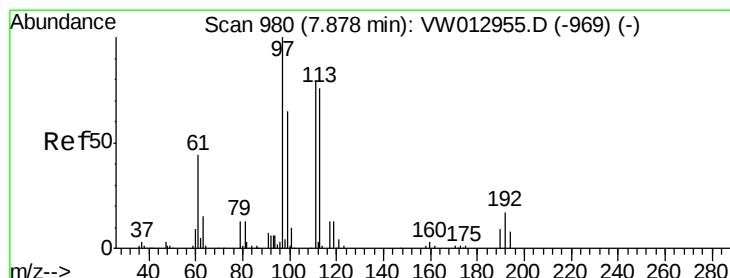
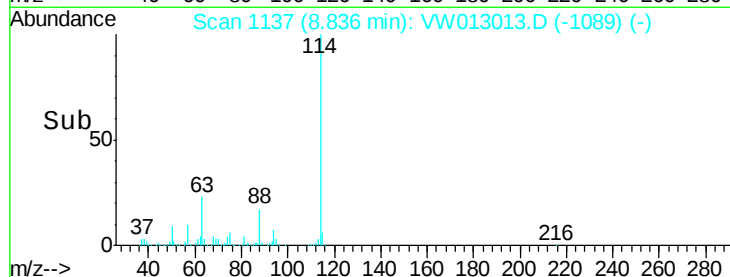
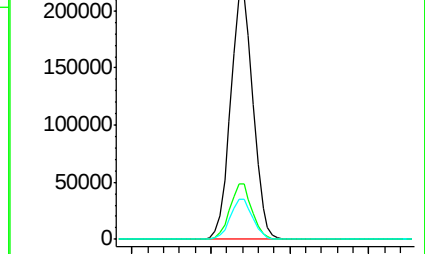
88 16.6 0.0 31.6



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: 53.068 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW013013.D

Acq: 15 Sep 2019 01:25

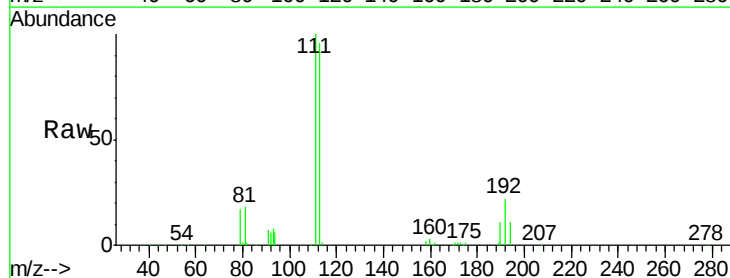
Tgt Ion:113 Resp: 124357

Ion Ratio Lower Upper

113 100

111 104.7 82.8 124.2

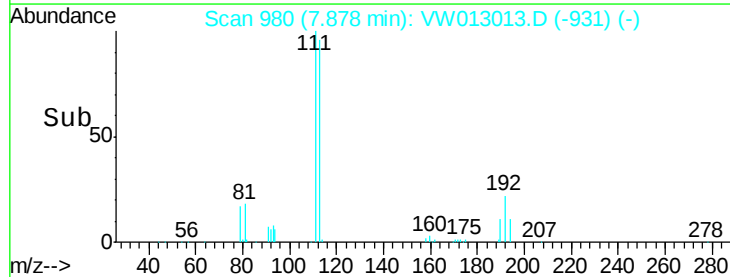
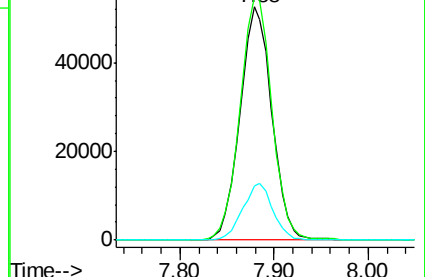
192 23.2 17.8 26.8

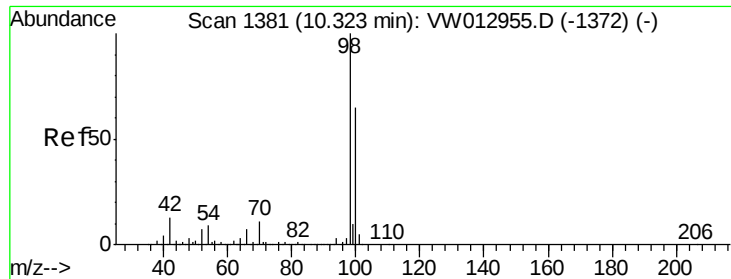


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.573 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013013.D

Acq: 15 Sep 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

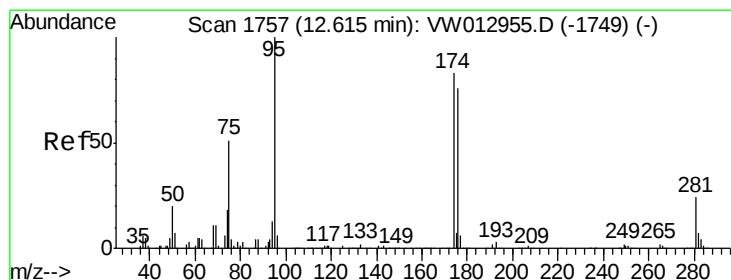
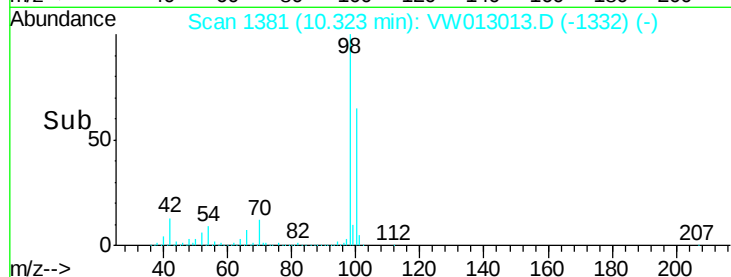
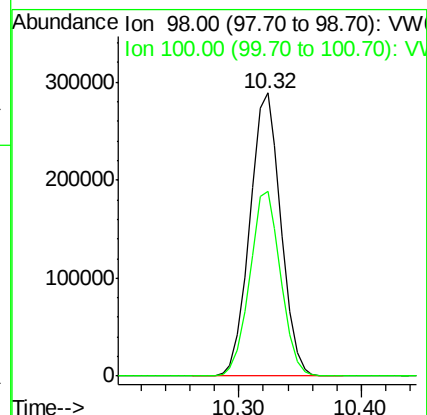
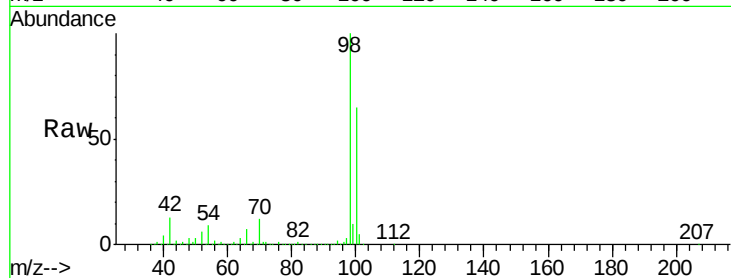
P66-LINDEN-GEN-SP

Tot Ion: 98 Resp: 509592

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 52.322 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013013.D

Acq: 15 Sep 2019 01:25

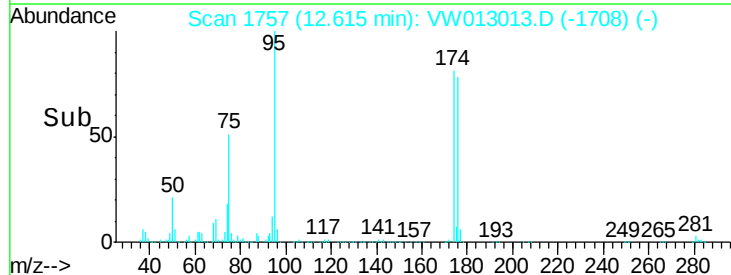
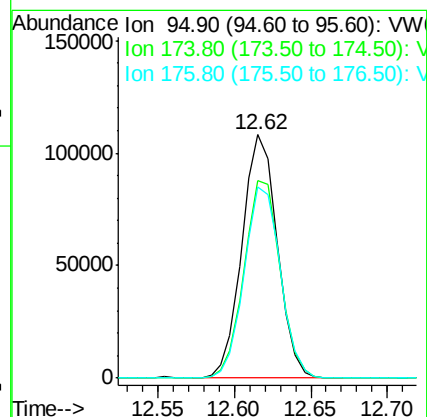
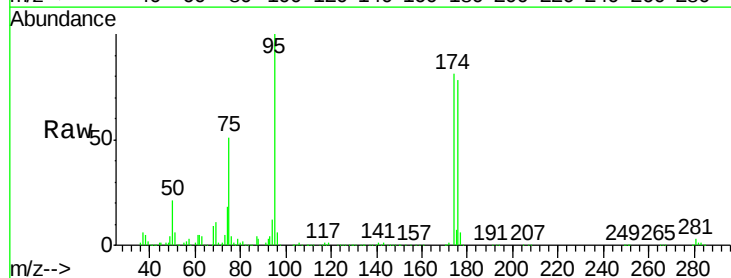
Tgt Ion: 95 Resp: 172519

Ion Ratio Lower Upper

95 100

174 83.8 0.0 170.4

176 81.0 0.0 164.6

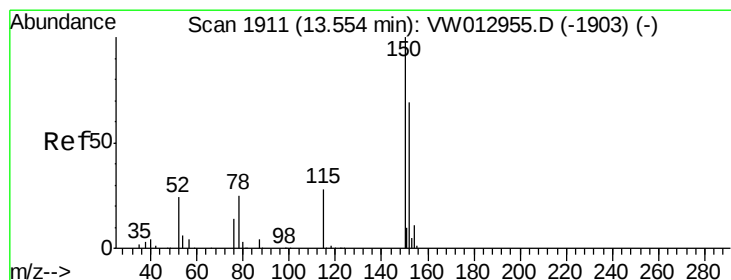
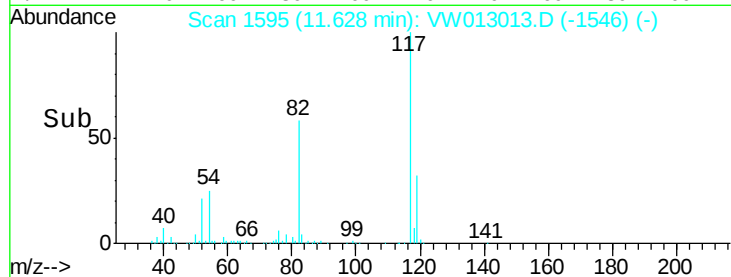
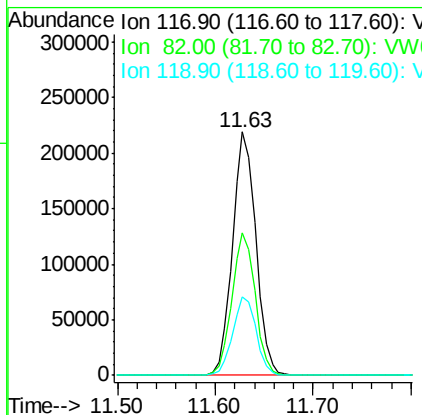
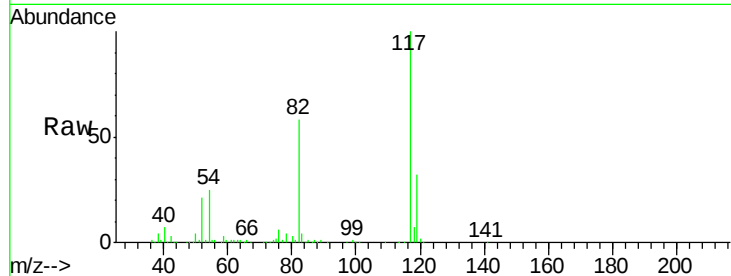




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013013.D
Acq: 15 Sep 2019 01:25

Instrument :
MSVOA_W
ClientSampleId :
P66-LINDEN-GEN-SP

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.3	46.3	69.5
119	32.0	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: VW013013.D
Acq: 15 Sep 2019 01:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.8	86.4
150	158.1	0.0	340.2

