

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013683.D
 Acq On : 23 Oct 2019 22:17
 Operator : SY/VA
 Sample : K5502-04
 Misc : 6.85G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 181-50-(2)

Quant Time: Oct 24 08:26:23 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	268519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	408353	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	316591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	107734	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	108010	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	
35) Dibromofluoromethane	7.89	113	119465	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
50) Toluene-d8	10.32	98	460486	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
62) 4-Bromofluorobenzene	12.62	95	122674	39.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.36%	

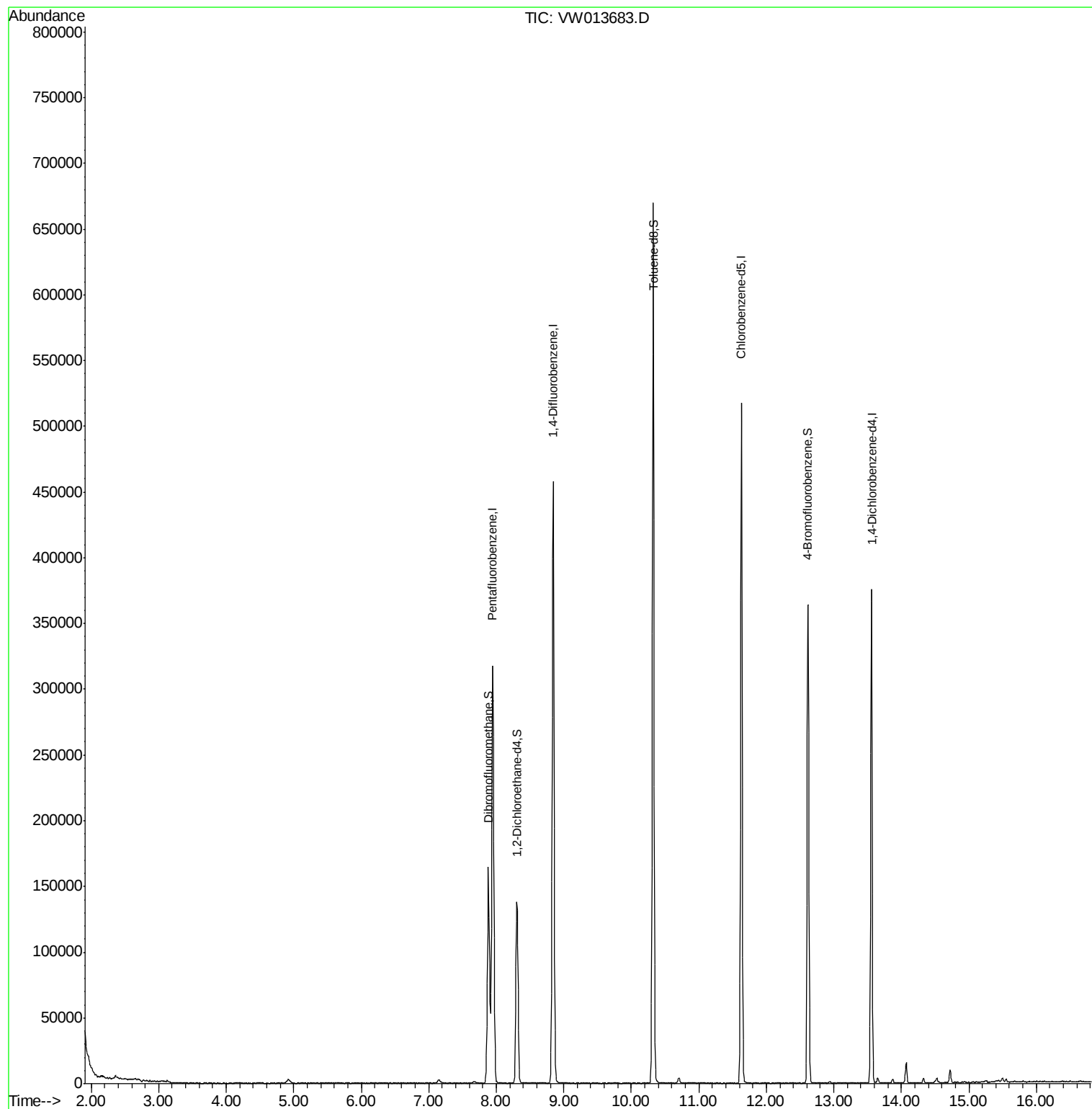
Target Compounds	Qvalue

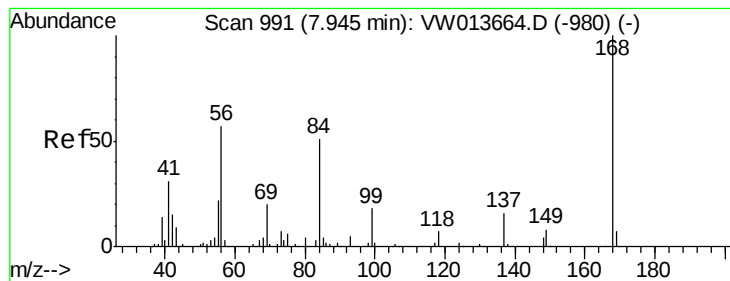
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 992

Delta R.T. 0.01 min

Lab File: VW013683.D

Acq: 23 Oct 2019 22:17

Instrument :

MSVOA_W

ClientSampleId :

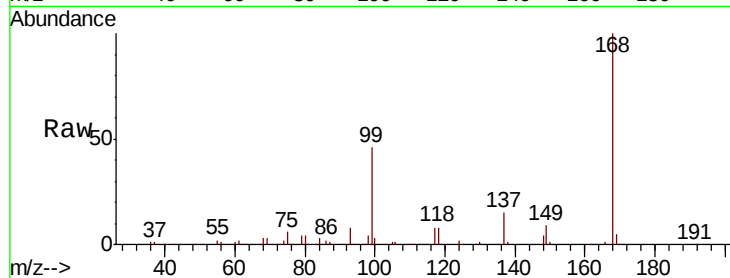
181-50-(2)

Tot Ion:168 Resp: 268519

Ion Ratio Lower Upper

168 100

99 46.5 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

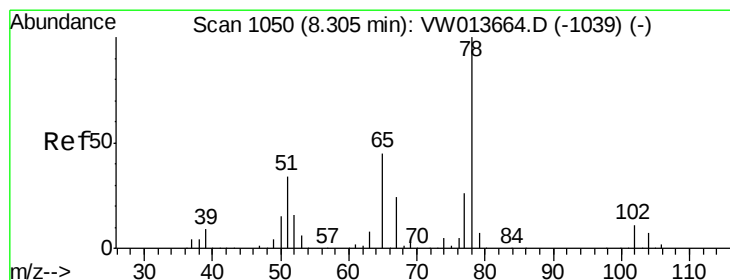
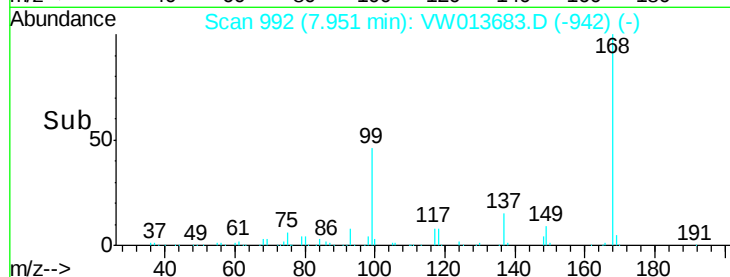
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 53.621 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013683.D

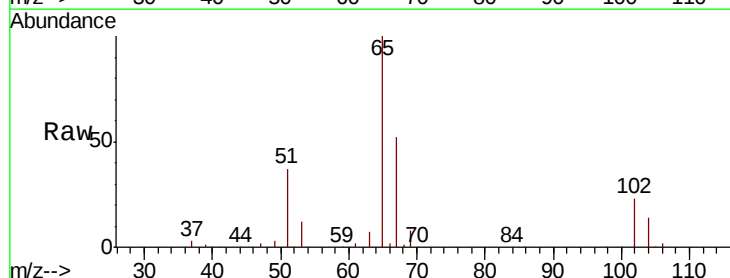
Acq: 23 Oct 2019 22:17

Tgt Ion: 65 Resp: 108010

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

60000

50000

40000

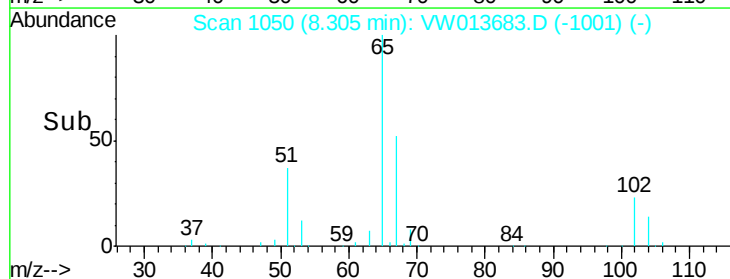
30000

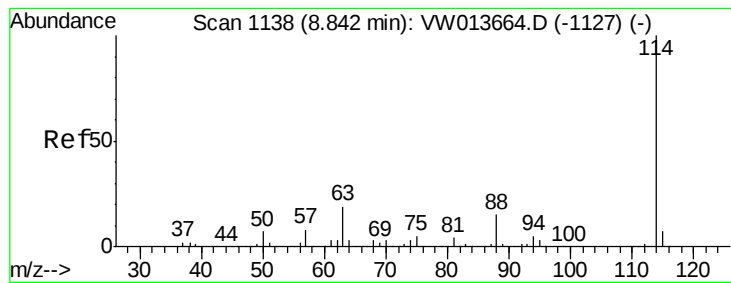
20000

10000

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: VW013683.D

Acq: 23 Oct 2019 22:17

Instrument :

MSVOA_W

ClientSampled :

181-50-(2)

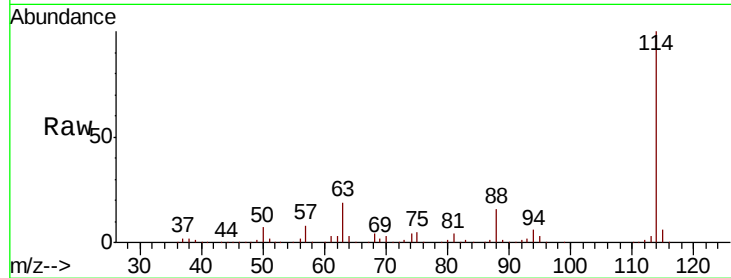
Tot Ion:114 Resp: 408353

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.6

88 15.9 0.0 30.2



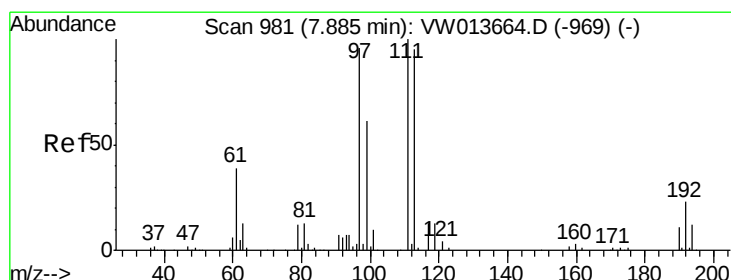
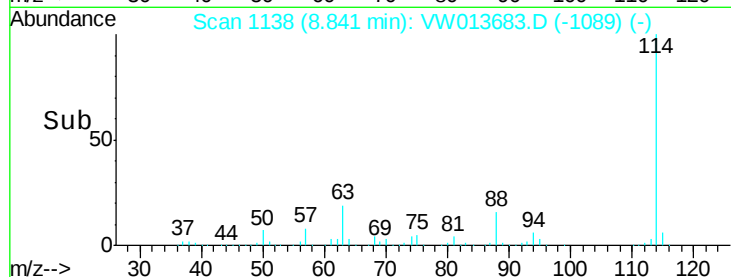
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

8.84

Time-->



#35

Dibromofluoromethane

Concen: 52.650 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW013683.D

Acq: 23 Oct 2019 22:17

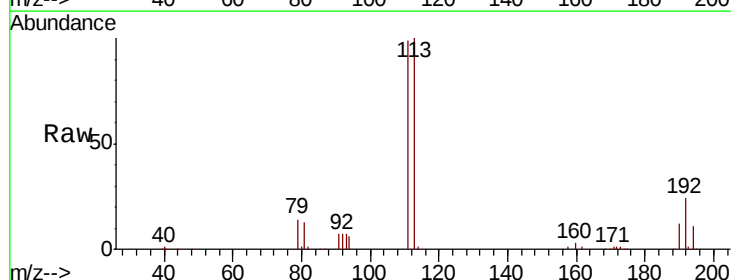
Tgt Ion:113 Resp: 119465

Ion Ratio Lower Upper

113 100

111 103.9 83.0 124.6

192 24.4 19.4 29.2



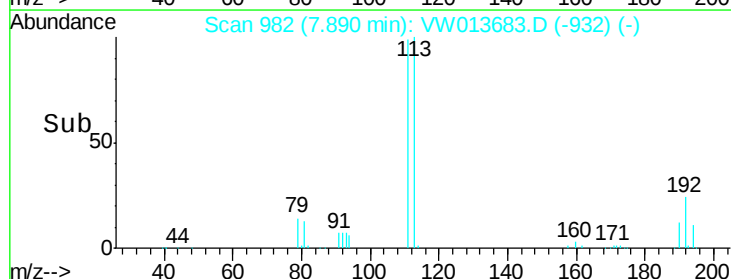
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

7.89

Time-->





#50

Toluene-d8

Concen: 49.805 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013683.D

Acq: 23 Oct 2019 22:17

Instrument :

MSVOA_W

ClientSampleId :

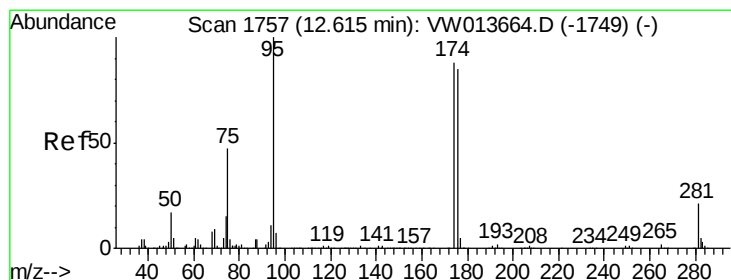
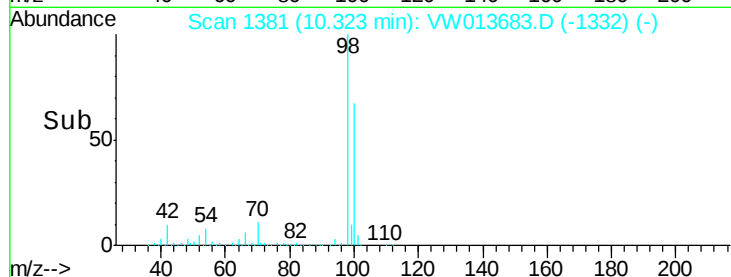
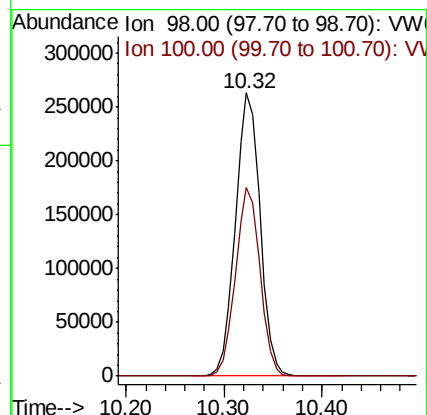
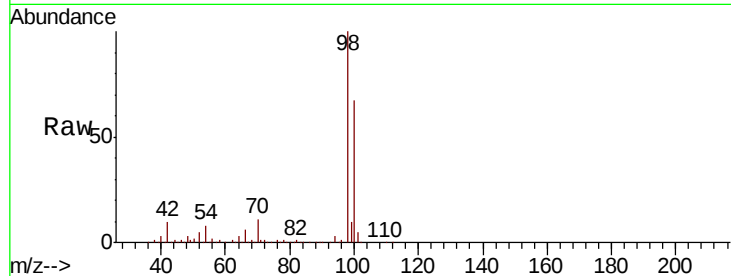
181-50-(2)

Tot Ion: 98 Resp: 460486

Ion Ratio Lower Upper

98 100

100 66.2 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 39.185 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW013683.D

Acq: 23 Oct 2019 22:17

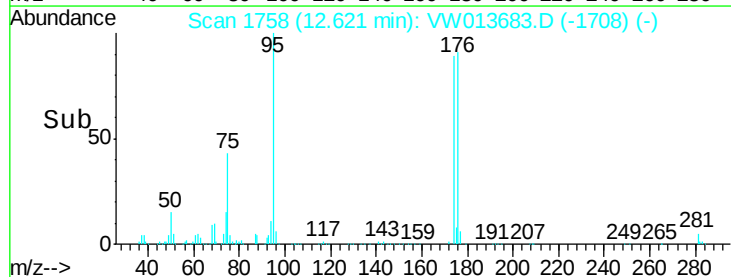
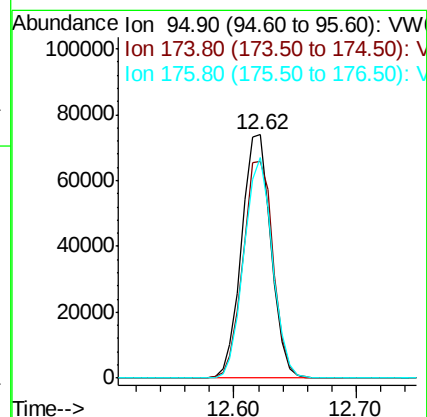
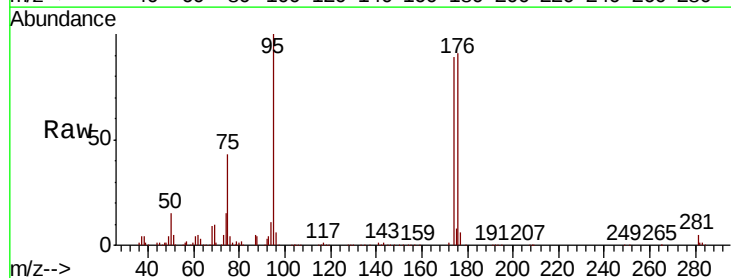
Tgt Ion: 95 Resp: 122674

Ion Ratio Lower Upper

95 100

174 91.9 0.0 183.6

176 88.3 0.0 178.0

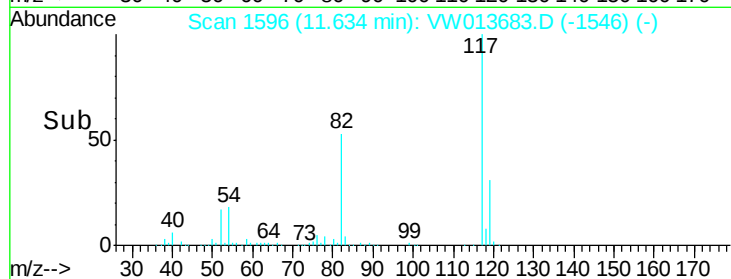
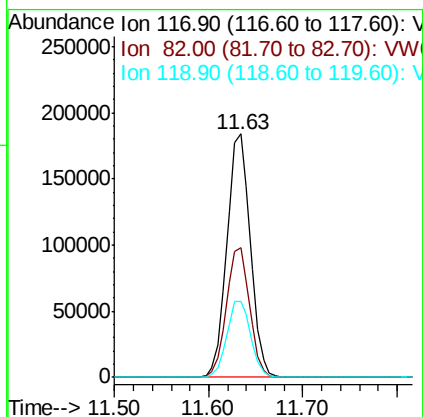
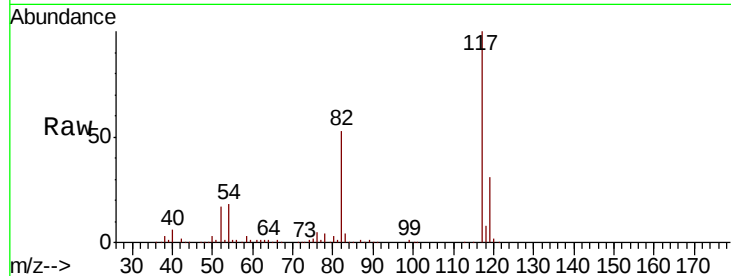




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013683.D
Acq: 23 Oct 2019 22:17

Instrument :
MSVOA_W
ClientSampleId :
181-50-(2)

Tot Ion:117 Resp: 316591
Ion Ratio Lower Upper
117 100
82 53.3 43.6 65.4
119 31.3 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: VW013683.D
Acq: 23 Oct 2019 22:17

Tgt Ion:152 Resp: 107734
Ion Ratio Lower Upper
152 100
115 53.9 27.4 82.2
150 157.0 0.0 345.4

