

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013675.D
 Acq On : 23 Oct 2019 18:50
 Operator : SY/VA
 Sample : K5501-16
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 183-82-(2.1)

Quant Time: Oct 24 08:12:20 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	287413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	432537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	355968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	140225	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	117402	54.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.90%	
35) Dibromofluoromethane	7.88	113	124237	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
50) Toluene-d8	10.32	98	493797	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.62	95	145873	43.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.98%	

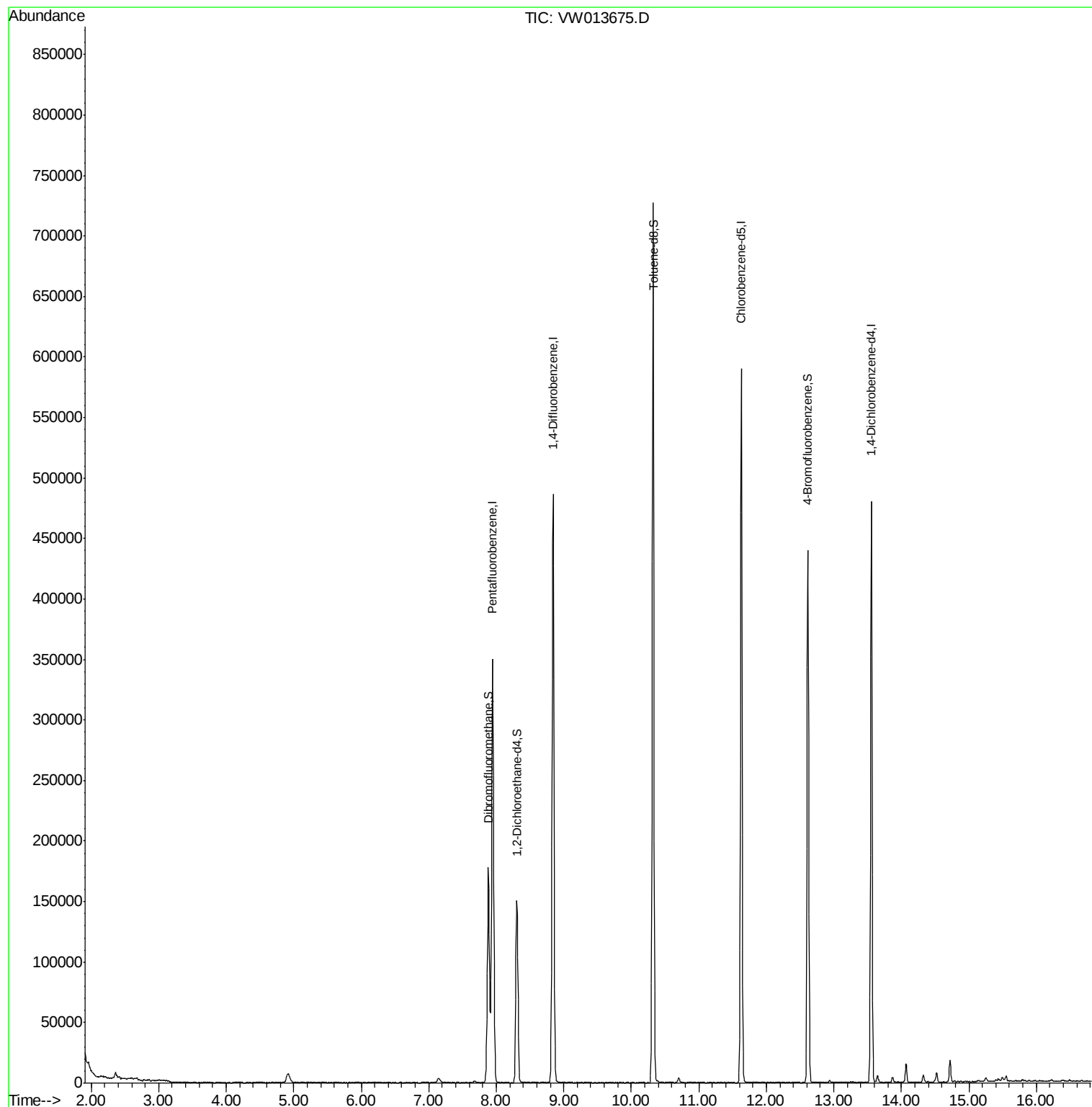
Target Compounds	Qvalue
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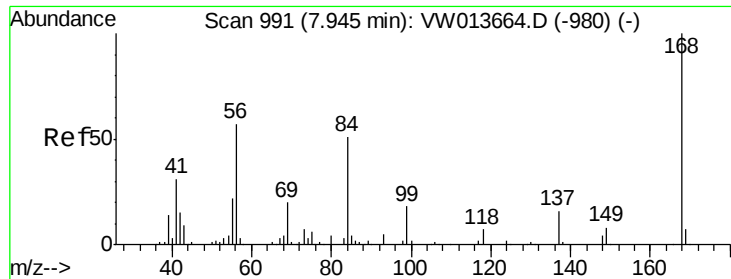
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013675.D

Acq: 23 Oct 2019 18:50

Instrument :

MSVOA_W

ClientSampleId :

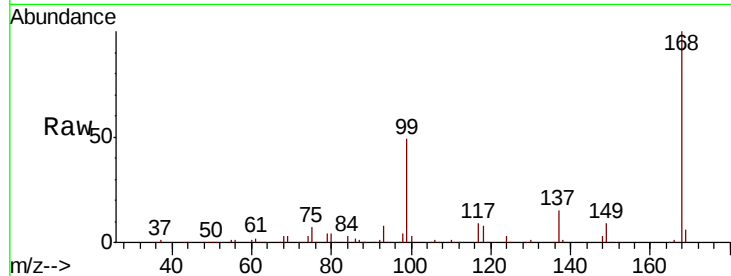
183-82-(2.1)

Tot Ion:168 Resp: 287413

Ion Ratio Lower Upper

168 100

99 48.8 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

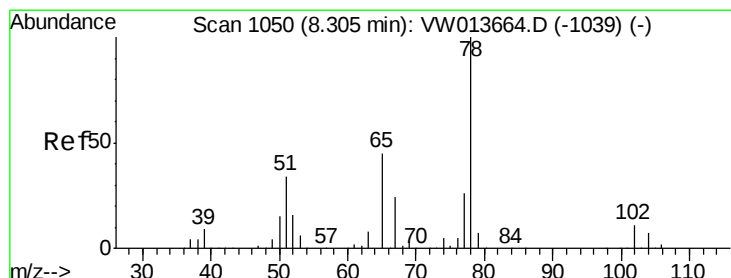
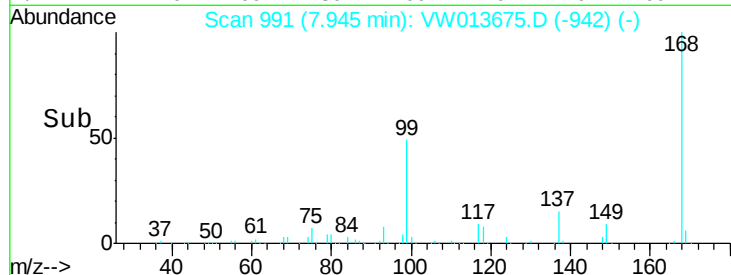
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.452 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013675.D

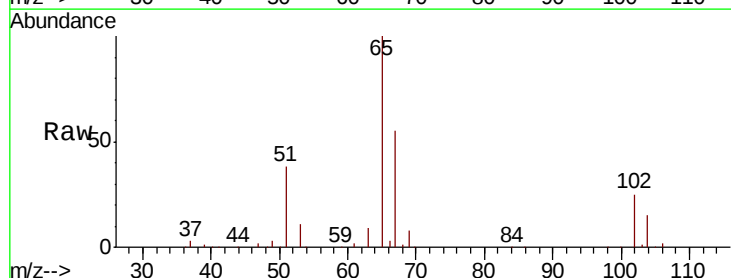
Acq: 23 Oct 2019 18:50

Tgt Ion: 65 Resp: 117402

Ion Ratio Lower Upper

65 100

67 54.6 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

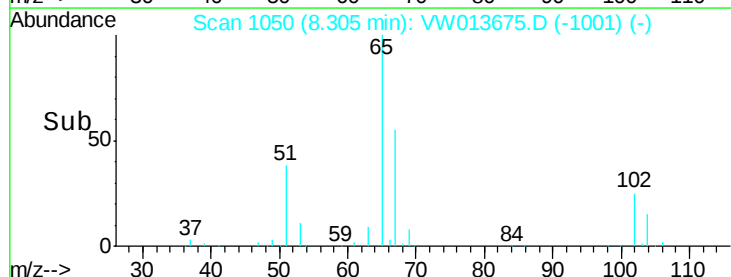
30000

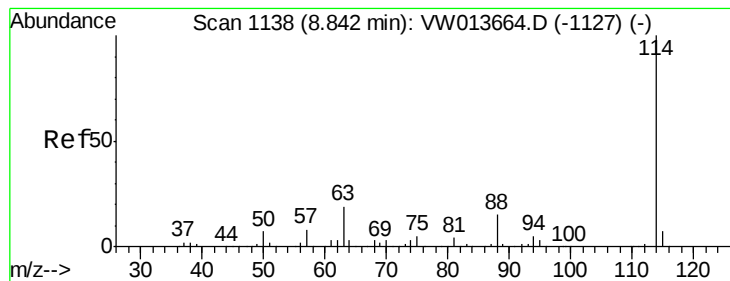
20000

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: VW013675.D

Acq: 23 Oct 2019 18:50

Instrument :

MSVOA_W

ClientSampleId :

183-82-(2.1)

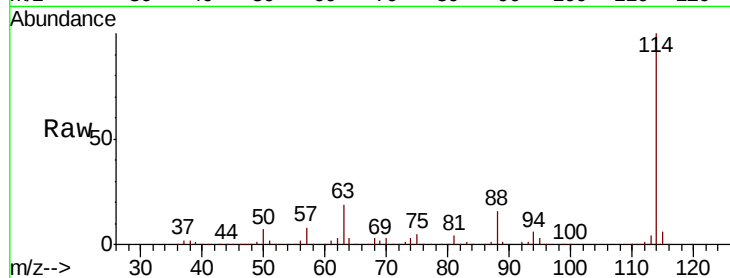
Tot Ion:114 Resp: 432537

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.6

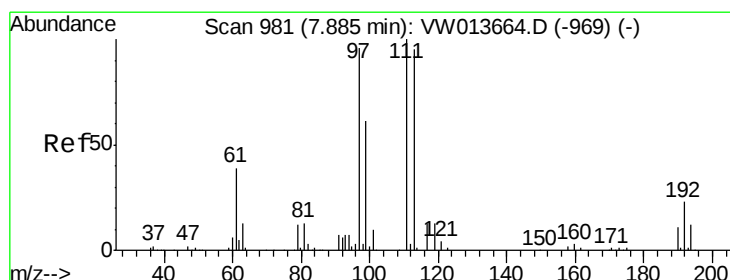
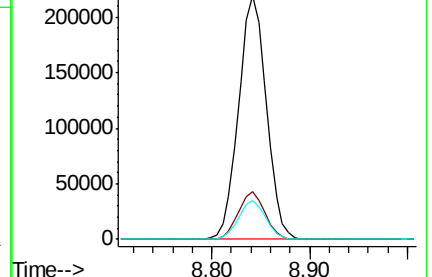
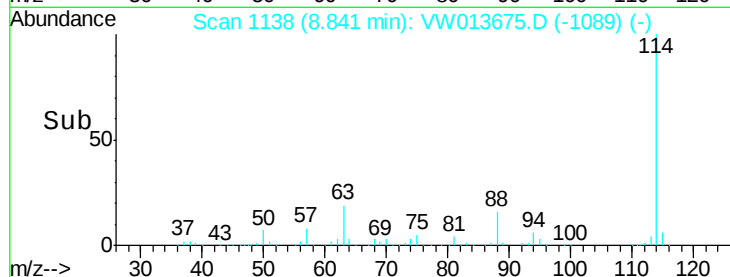
88 15.7 0.0 30.2



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



#35

Dibromofluoromethane

Concen: 51.692 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW013675.D

Acq: 23 Oct 2019 18:50

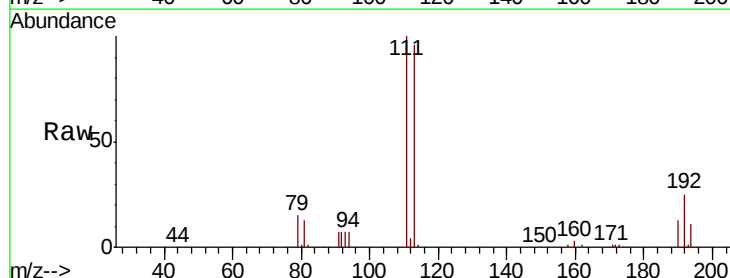
Tgt Ion:113 Resp: 124237

Ion Ratio Lower Upper

113 100

111 102.6 83.0 124.6

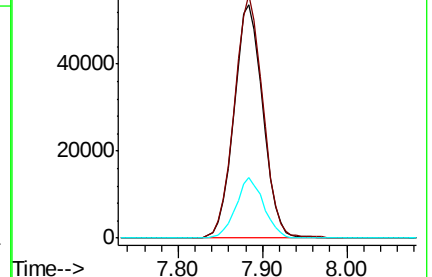
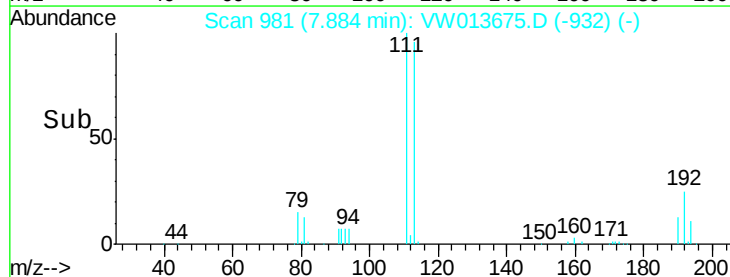
192 24.9 19.4 29.2



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





#50

Toluene-d8

Concen: 50.422 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013675.D

Acq: 23 Oct 2019 18:50

Instrument :

MSVOA_W

ClientSampleId :

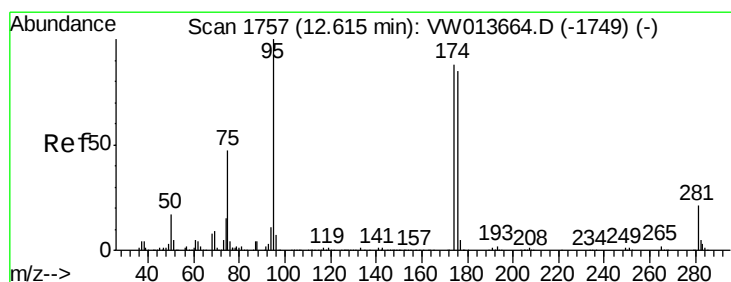
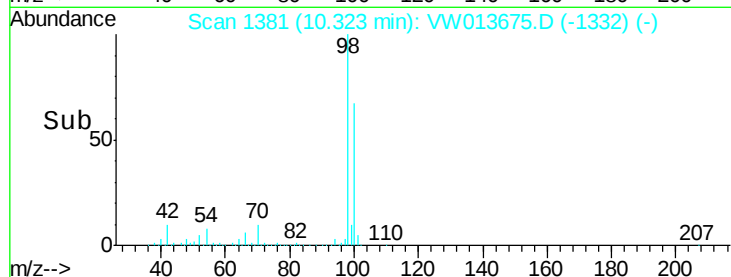
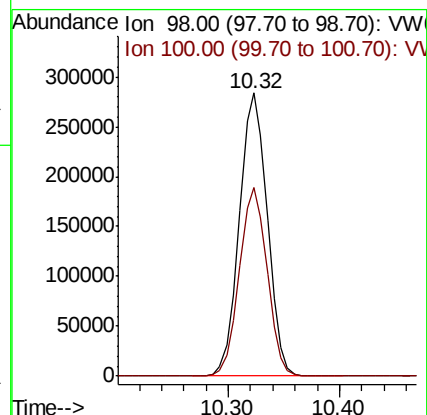
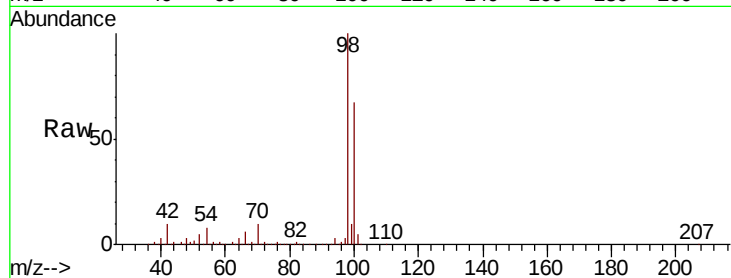
183-82-(2.1)

Tot Ion: 98 Resp: 493797

Ion Ratio Lower Upper

98 100

100 65.8 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 43.990 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013675.D

Acq: 23 Oct 2019 18:50

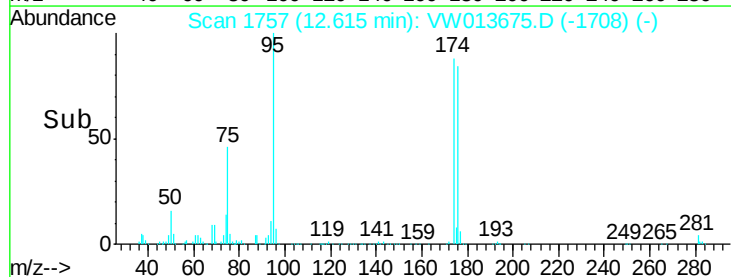
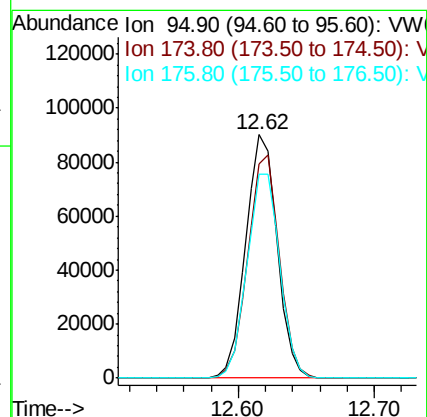
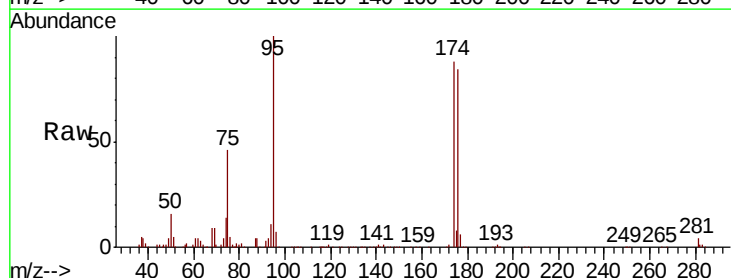
Tgt Ion: 95 Resp: 145873

Ion Ratio Lower Upper

95 100

174 92.0 0.0 183.6

176 87.8 0.0 178.0

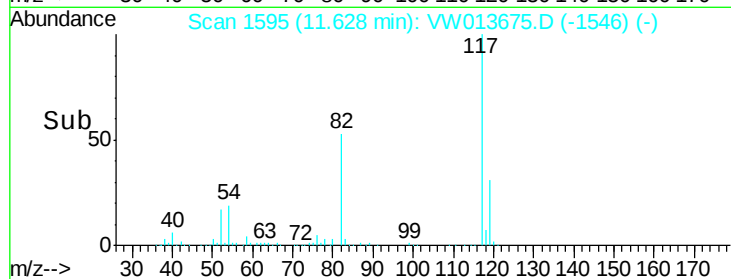
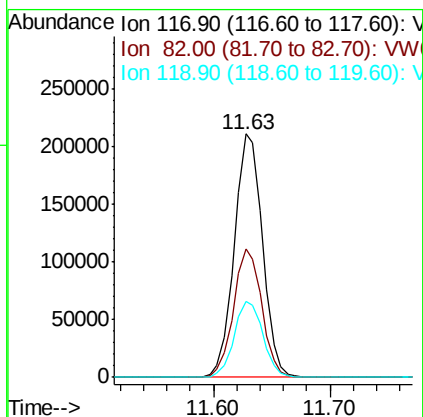
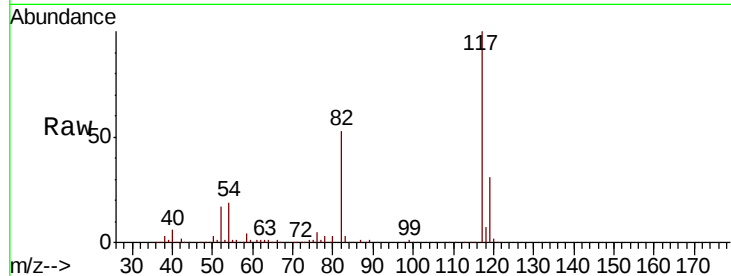




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013675.D
Acq: 23 Oct 2019 18:50

Instrument :
MSVOA_W
ClientSampled :
183-82-(2.1)

Tot Ion:117 Resp: 355968
Ion Ratio Lower Upper
117 100
82 52.6 43.6 65.4
119 31.2 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: VW013675.D
Acq: 23 Oct 2019 18:50

Tgt Ion:152 Resp: 140225
Ion Ratio Lower Upper
152 100
115 55.5 27.4 82.2
150 156.6 0.0 345.4

