

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102419\
 Data File : VW013720.D
 Acq On : 24 Oct 2019 19:20
 Operator : SY/VA
 Sample : K5502-04
 Misc : 5.61G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Oct 25 08:22:32 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	252538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	387259	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	304544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	105274	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	110509	58.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.66%	
35) Dibromofluoromethane	7.88	113	115542	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	
50) Toluene-d8	10.32	98	435678	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
62) 4-Bromofluorobenzene	12.62	95	115372	38.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.72%	

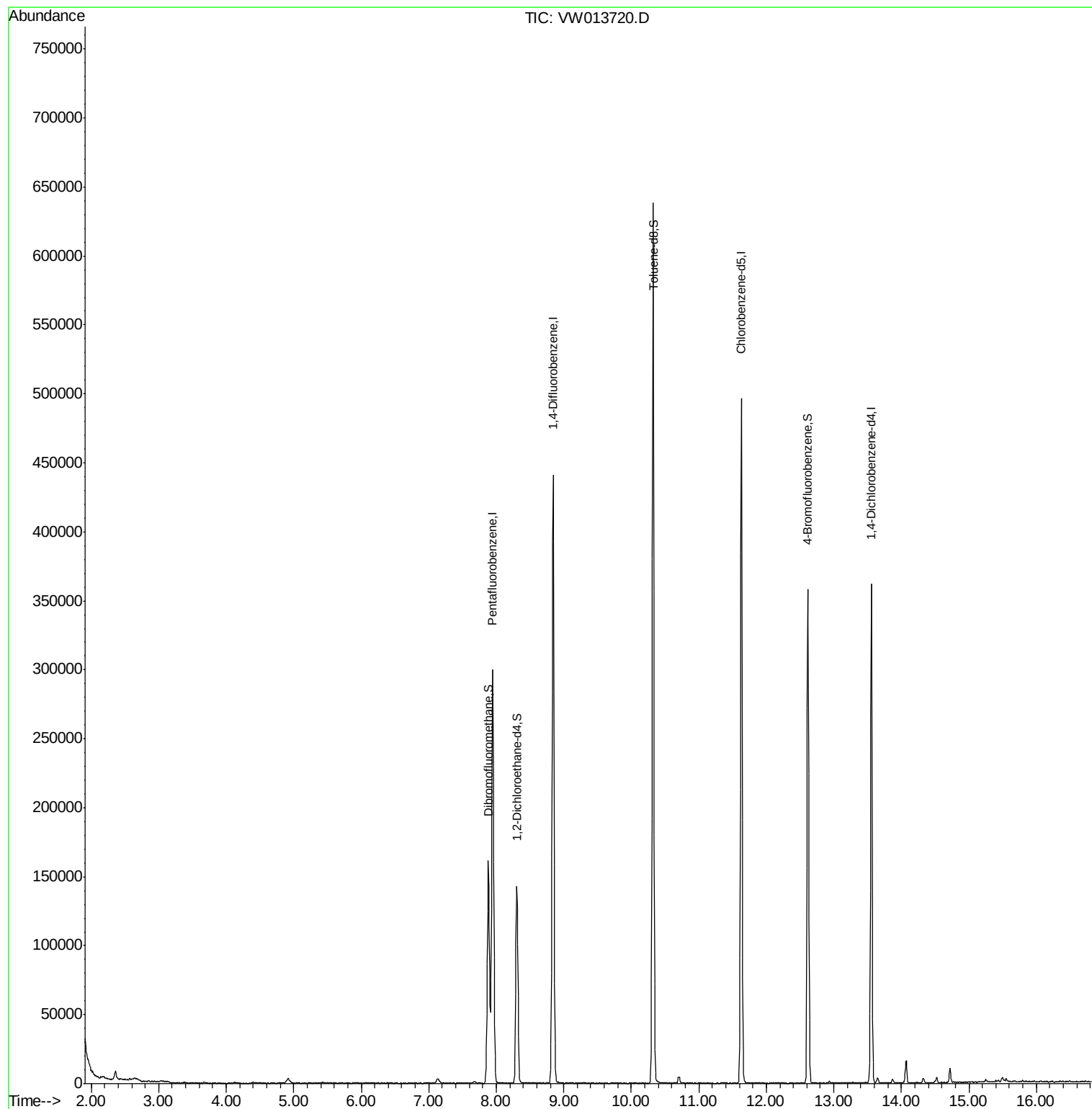
Target Compounds	Qvalue

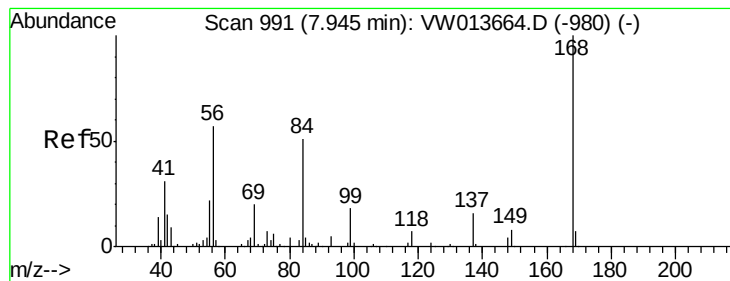
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013720.D

Acq: 24 Oct 2019 19:20

Instrument :

MSVOA_W

ClientSampled :

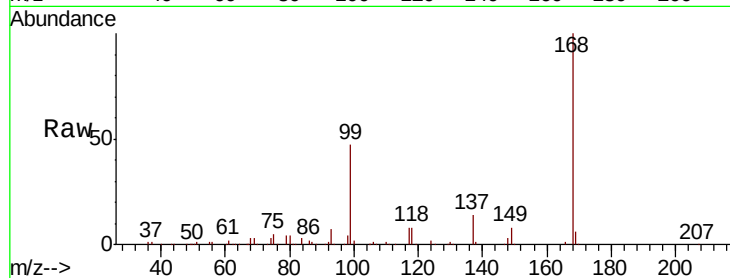
181-50-(2)

Tot Ion:168 Resp: 252538

Ion Ratio Lower Upper

168 100

99 46.9 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

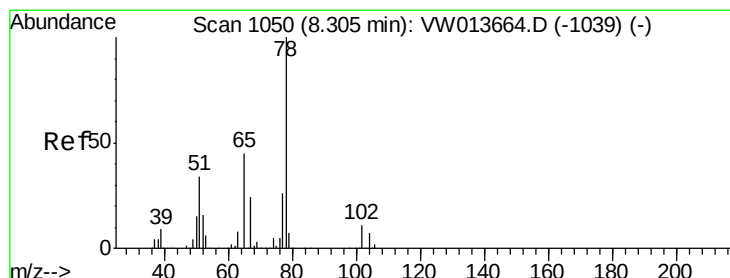
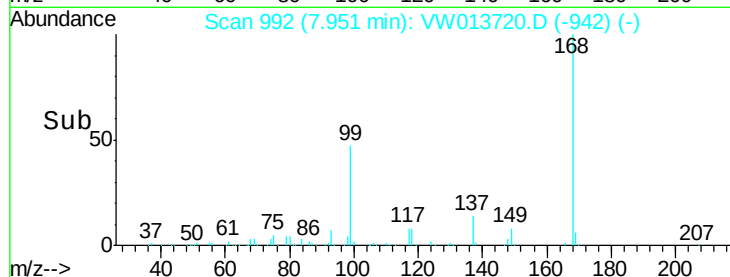
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 58.333 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013720.D

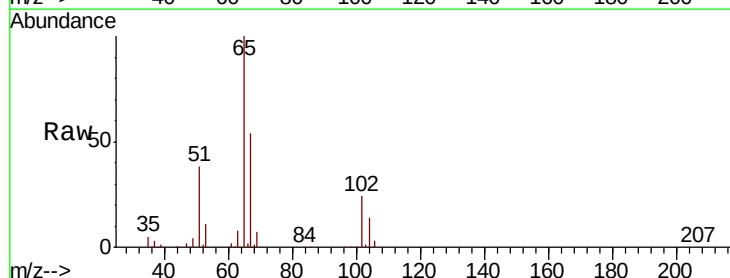
Acq: 24 Oct 2019 19:20

Tgt Ion: 65 Resp: 110509

Ion Ratio Lower Upper

65 100

67 53.1 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

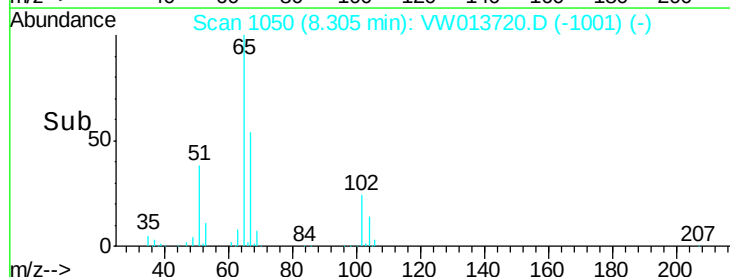
30000

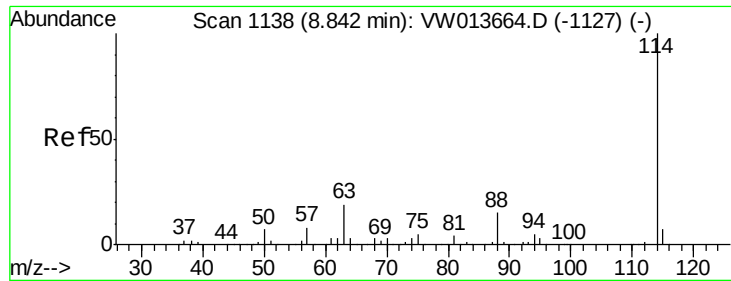
20000

10000

0

Time--> 8.20 8.30 8.40

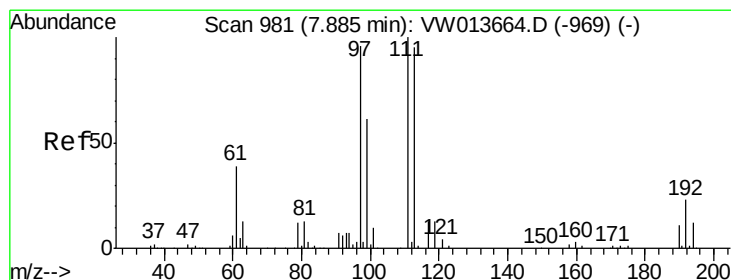
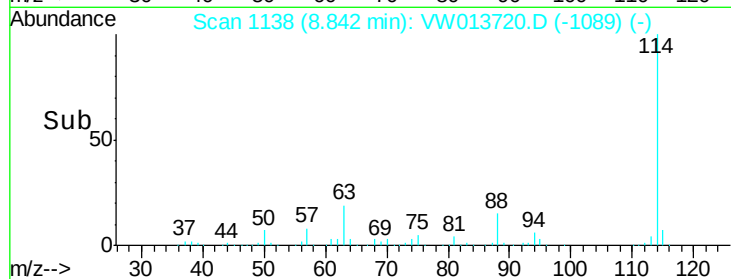
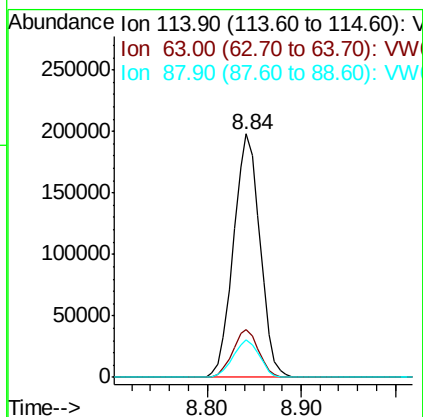
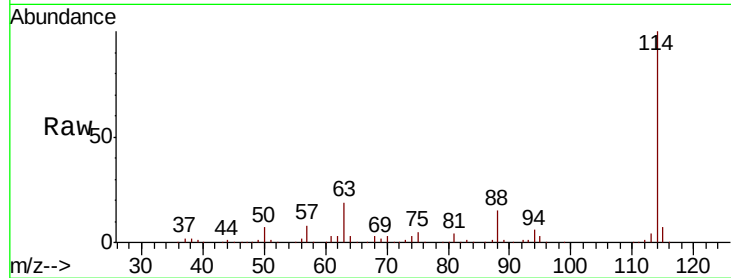




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013720.D
 Acq: 24 Oct 2019 19:20

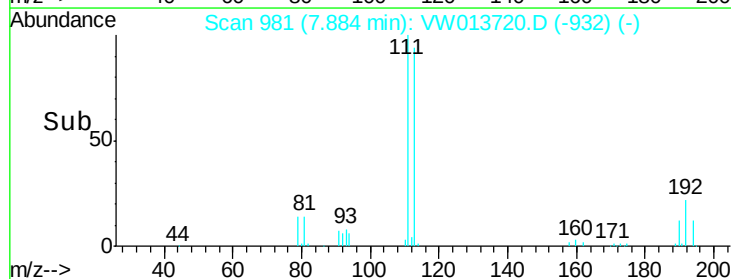
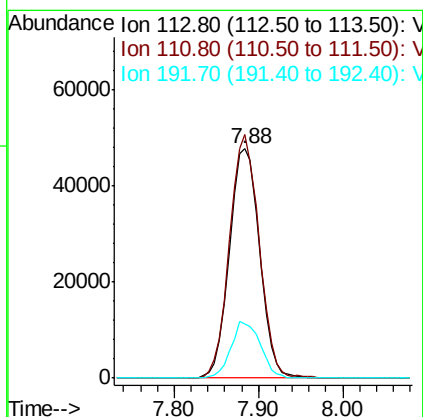
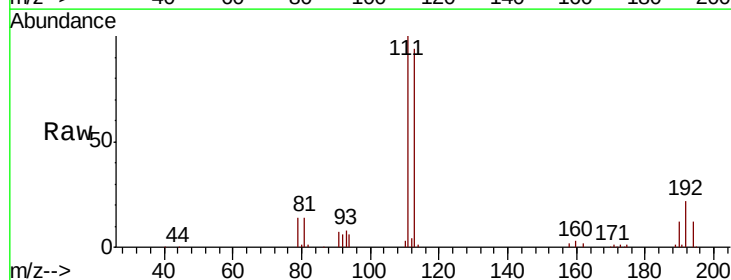
Instrument :
 MSVOA_W
 ClientSampleId :
 181-50-(2)

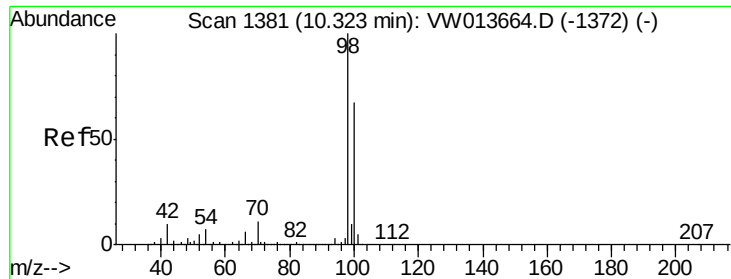
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	37.6
88	15.2	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 53.695 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013720.D
 Acq: 24 Oct 2019 19:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.3	83.0	124.6
192	24.0	19.4	29.2





#50

Toluene-d8

Concen: 49.689 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013720.D

Acq: 24 Oct 2019 19:20

Instrument :

MSVOA_W

ClientSampled :

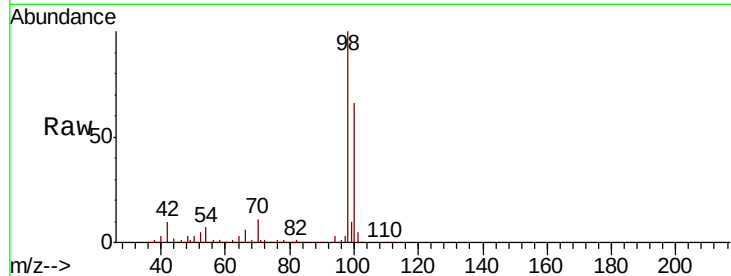
181-50-(2)

Tot Ion: 98 Resp: 435678

Ion Ratio Lower Upper

98 100

100 66.0 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

250000

200000

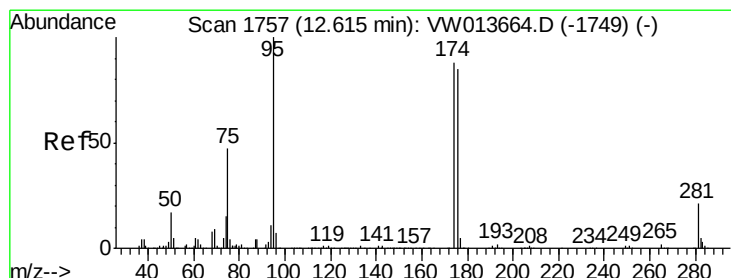
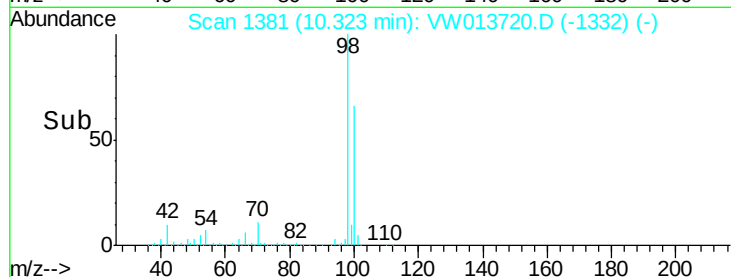
150000

100000

50000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 38.860 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013720.D

Acq: 24 Oct 2019 19:20

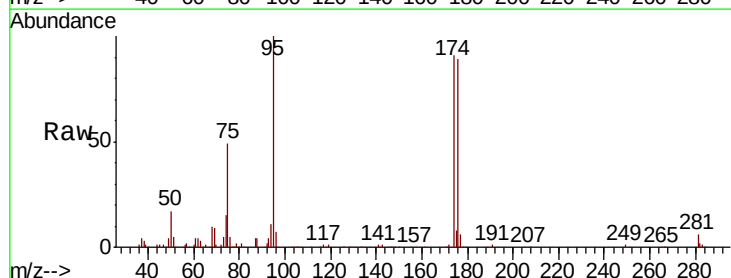
Tgt Ion: 95 Resp: 115372

Ion Ratio Lower Upper

95 100

174 94.3 0.0 183.6

176 90.9 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

80000

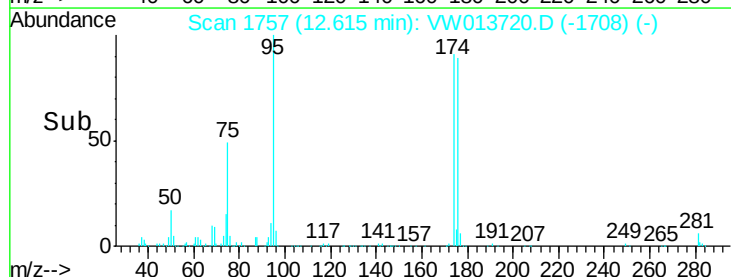
60000

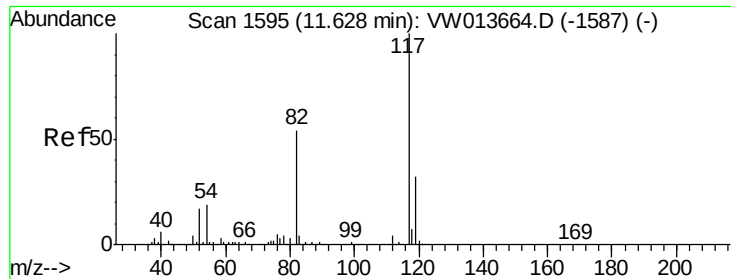
40000

20000

0

Time--> 12.60 12.70

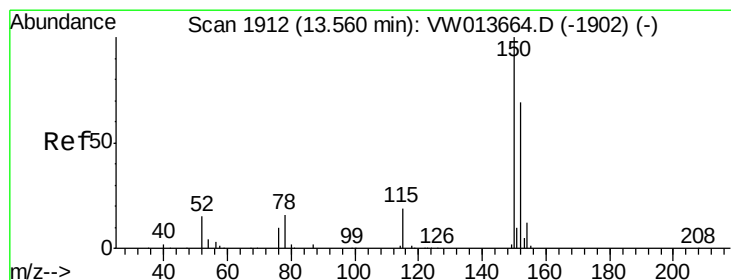
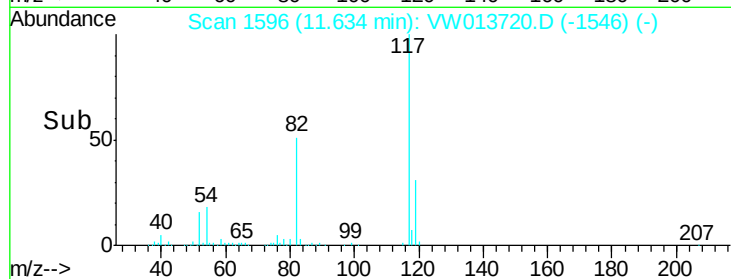
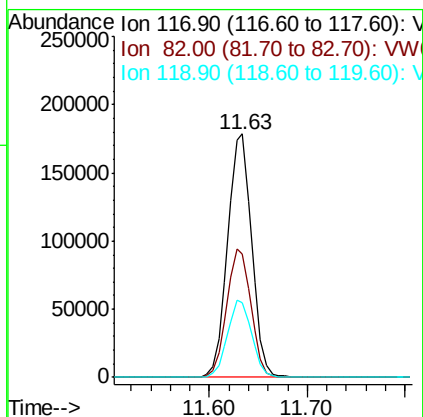
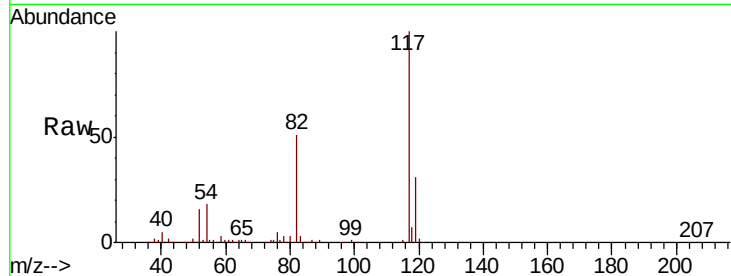




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013720.D
Acq: 24 Oct 2019 19:20

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	43.6	65.4
119	30.9	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: VW013720.D
Acq: 24 Oct 2019 19:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.5	27.4	82.2
150	155.3	0.0	345.4

