

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004794.D
 Acq On : 20 Aug 2018 16:36
 Operator : SY/AP
 Sample : J4538-03
 Misc : 13.66G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSS3

Quant Time: Aug 21 01:17:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	602849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	978730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	837361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	293761	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	375913	64.50	ug/l	0.00
Spiked Amount			Recovery	=	129.00%	
35) Dibromofluoromethane	7.89	113	339501	54.27	ug/l	0.00
Spiked Amount			Recovery	=	108.54%	
50) Toluene-d8	10.33	98	1129703	46.26	ug/l	0.00
Spiked Amount			Recovery	=	92.52%	
62) 4-Bromofluorobenzene	12.63	95	327430	37.27	ug/l	0.00
Spiked Amount			Recovery	=	74.54%	

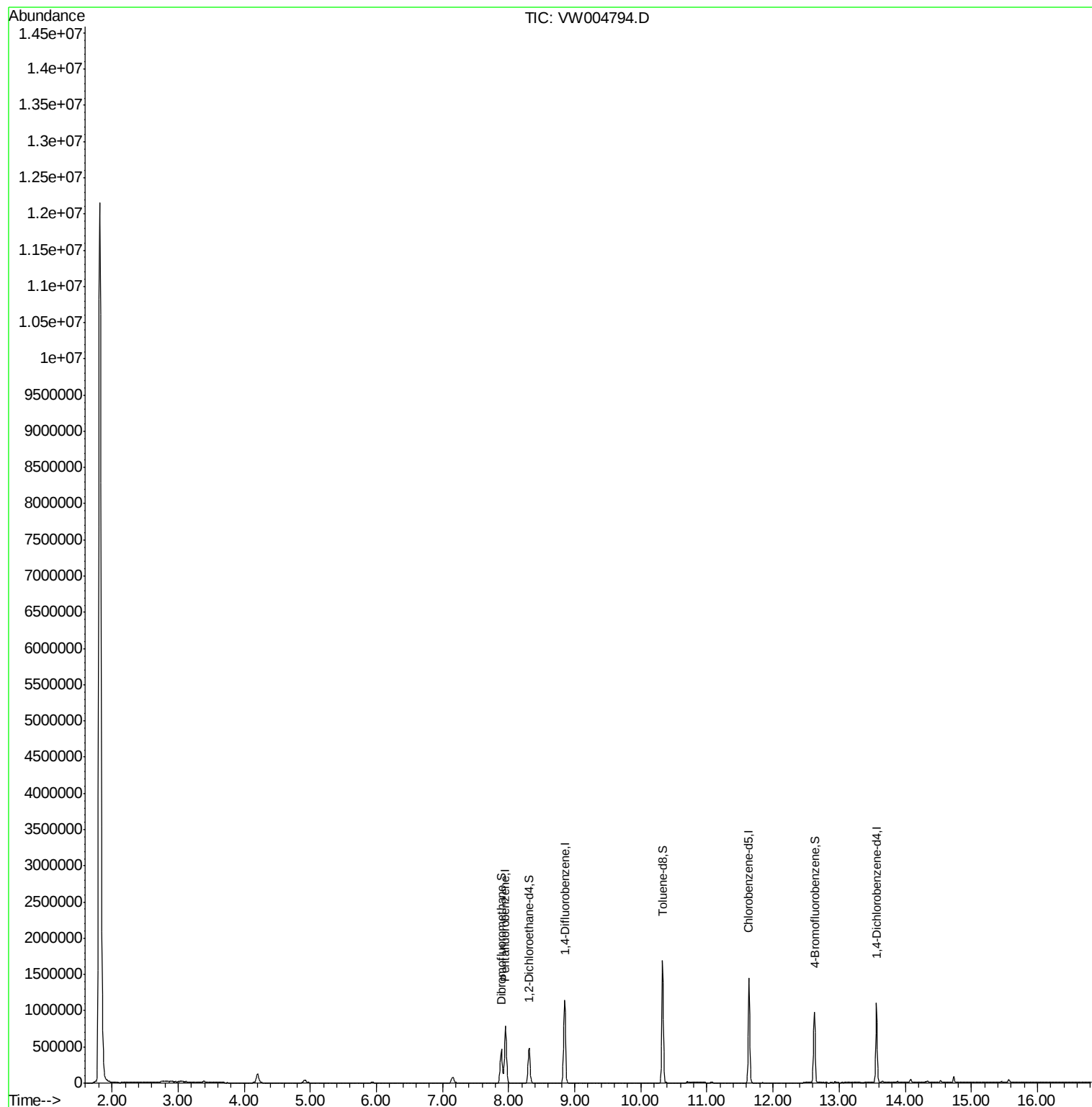
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004794.D

Acq: 20 Aug 2018 16:36

Instrument :

MSVOA_W

ClientSampleId :

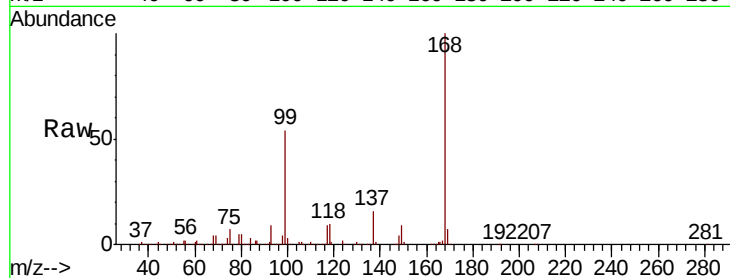
VSS3

Tot Ion:168 Resp: 602849

Ion Ratio Lower Upper

168 100

99 54.0 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

300000

250000

200000

150000

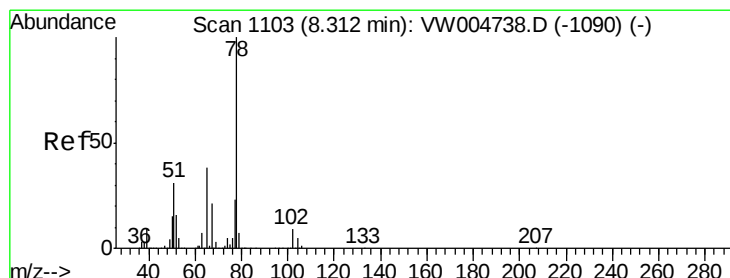
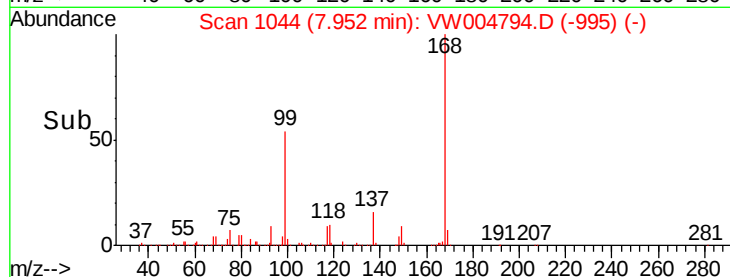
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 64.50 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004794.D

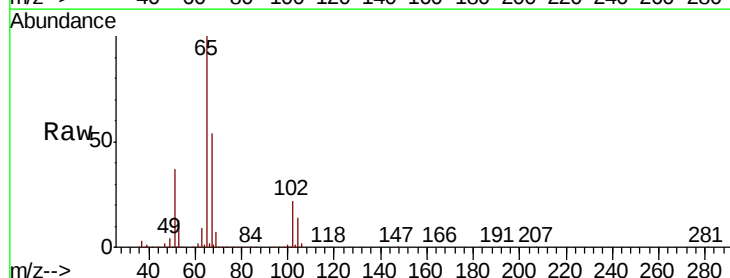
Acq: 20 Aug 2018 16:36

Tgt Ion: 65 Resp: 375913

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

200000

150000

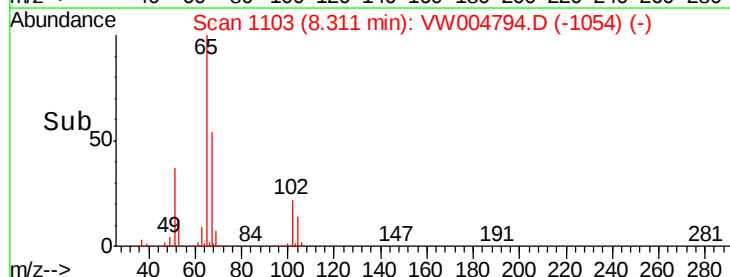
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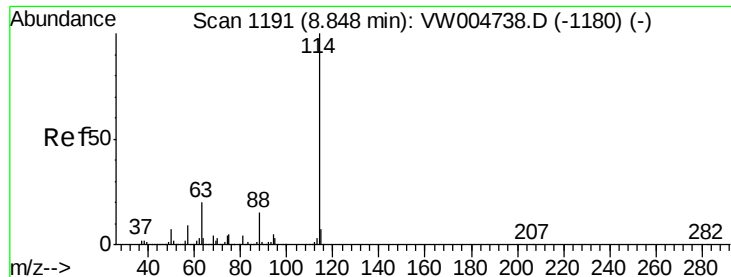
50000

0

8.20 8.30 8.40

Time-->

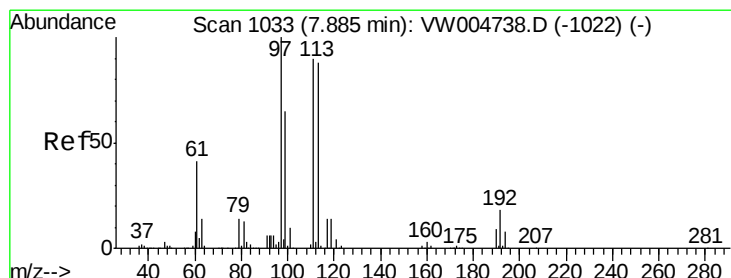
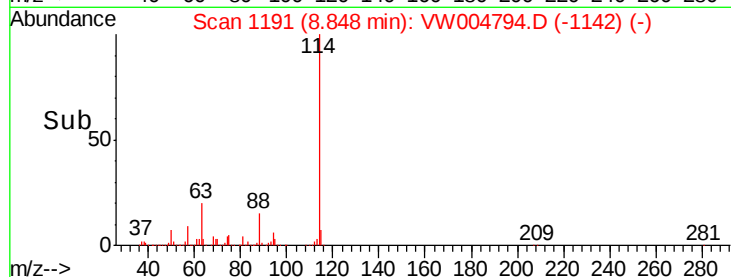
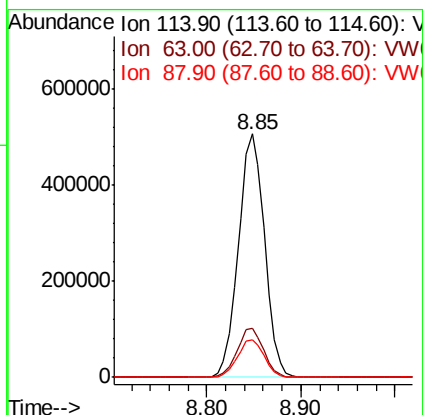
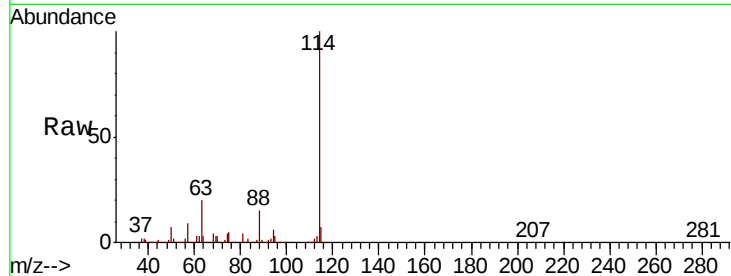




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004794.D
 Acq: 20 Aug 2018 16:36

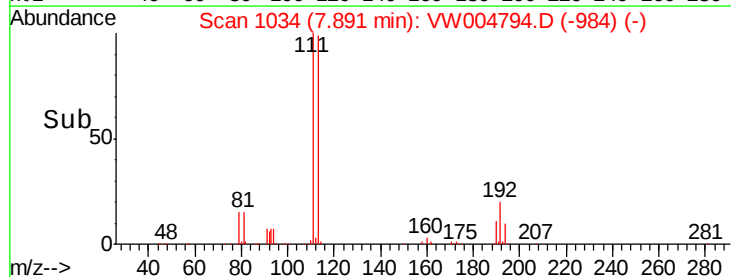
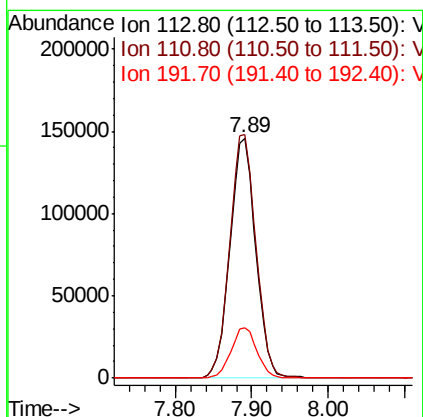
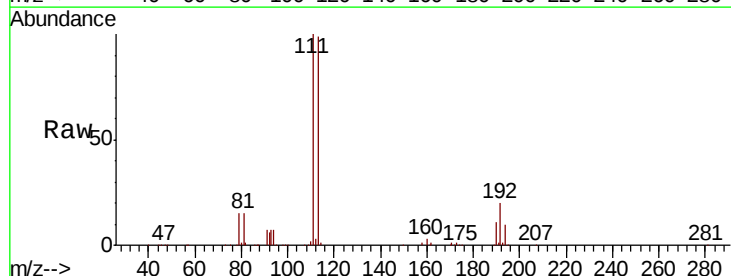
Instrument :
 MSVOA_W
 ClientSampleId :
 VSS3

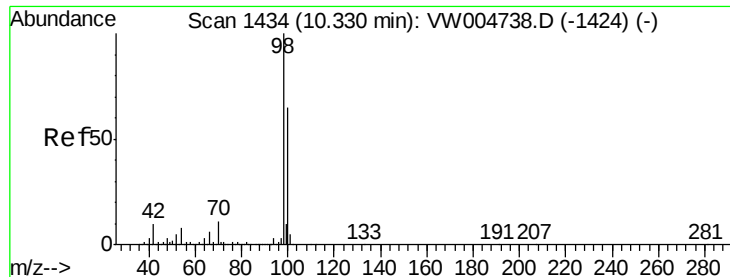
Tot Ion:114 Resp: 978730
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.0
 88 15.5 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 54.27 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004794.D
 Acq: 20 Aug 2018 16:36

Tgt Ion:113 Resp: 339501
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.4 123.6
 192 21.2 16.7 25.1





#50

Toluene-d8

Concen: 46.26 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004794.D

Acq: 20 Aug 2018 16:36

Instrument :

MSVOA_W

ClientSampleId :

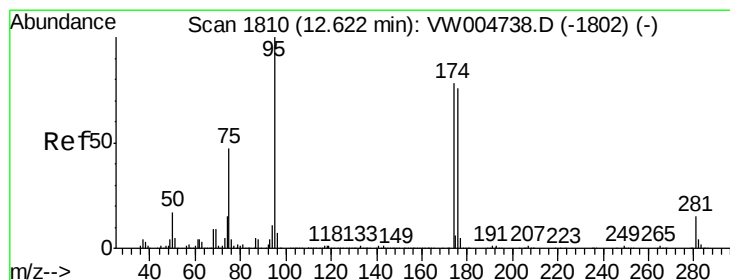
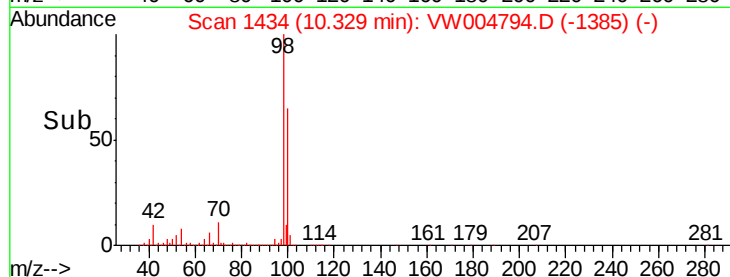
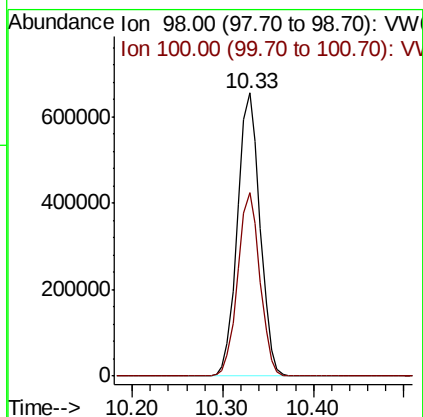
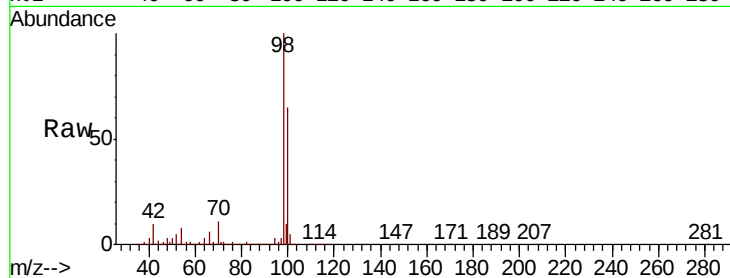
VSS3

Tot Ion: 98 Resp: 1129703

Ion Ratio Lower Upper

98 100

100 63.9 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 37.27 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004794.D

Acq: 20 Aug 2018 16:36

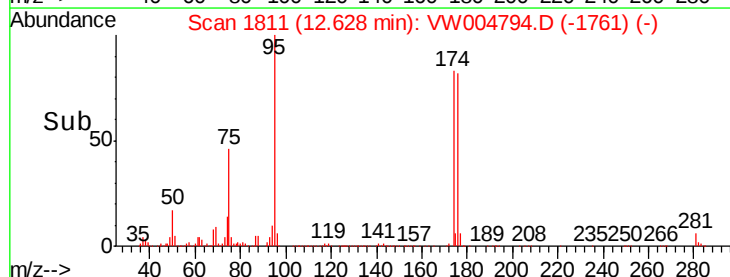
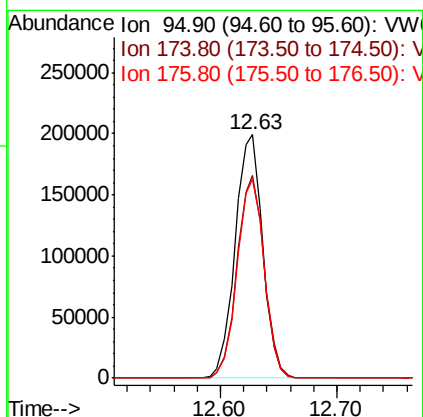
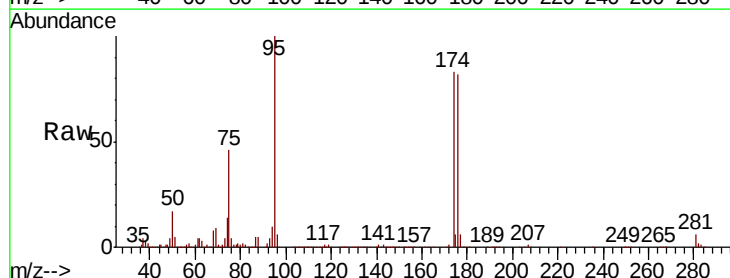
Tgt Ion: 95 Resp: 327430

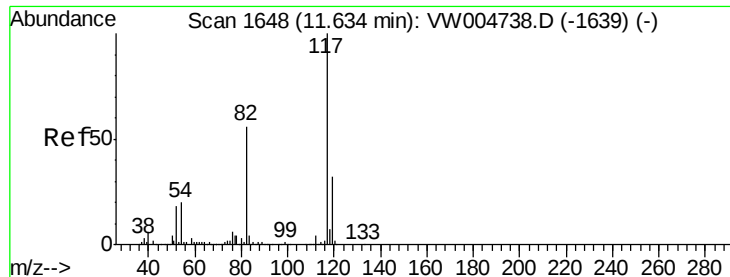
Ion Ratio Lower Upper

95 100

174 82.4 0.0 165.8

176 80.5 0.0 159.8

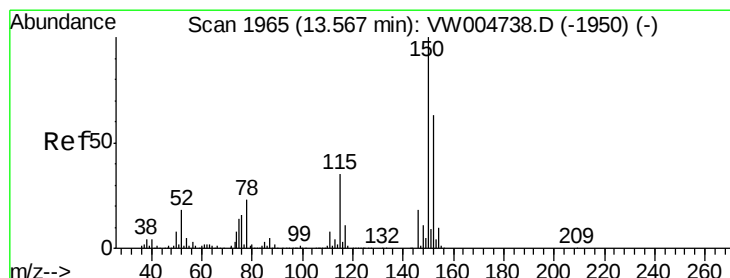
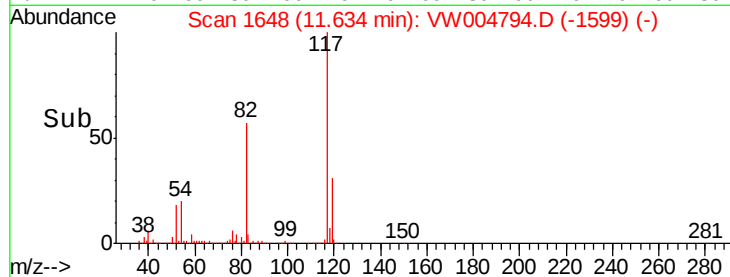
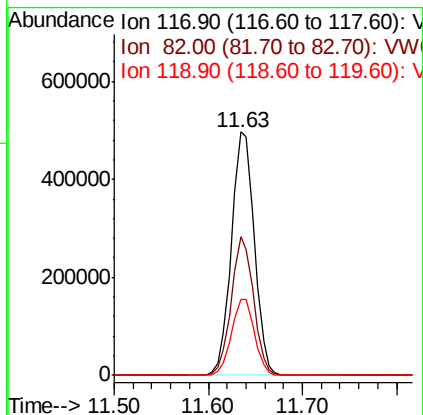
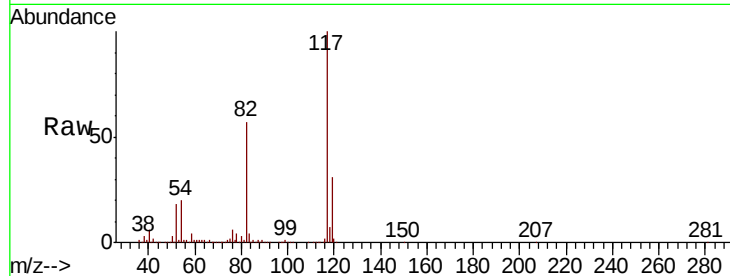




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004794.D
Acq: 20 Aug 2018 16:36

Instrument :
MSVOA_W
ClientSampleId :
VSS3

Tot Ion:117 Resp: 837361
Ion Ratio Lower Upper
117 100
82 56.8 44.6 67.0
119 31.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004794.D
Acq: 20 Aug 2018 16:36

Tgt Ion:152 Resp: 293761
Ion Ratio Lower Upper
152 100
115 58.0 28.5 85.5
150 159.5 0.0 344.8

