

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004795.D
 Acq On : 20 Aug 2018 17:02
 Operator : SY/AP
 Sample : J4538-04
 Misc : 15.59G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSS4

Quant Time: Aug 21 01:19:20 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	529743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	872084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	659886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	190886	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	347507	67.85	ug/l	0.00
Spiked Amount						
			Recovery	=	135.70%	
35) Dibromofluoromethane	7.88	113	301230	54.04	ug/l	0.00
Spiked Amount						
			Recovery	=	108.08%	
50) Toluene-d8	10.33	98	858154	39.44	ug/l	0.00
Spiked Amount						
			Recovery	=	78.88%	
62) 4-Bromofluorobenzene	12.62	95	218747	27.95	ug/l	0.00
Spiked Amount						
			Recovery	=	55.90%	

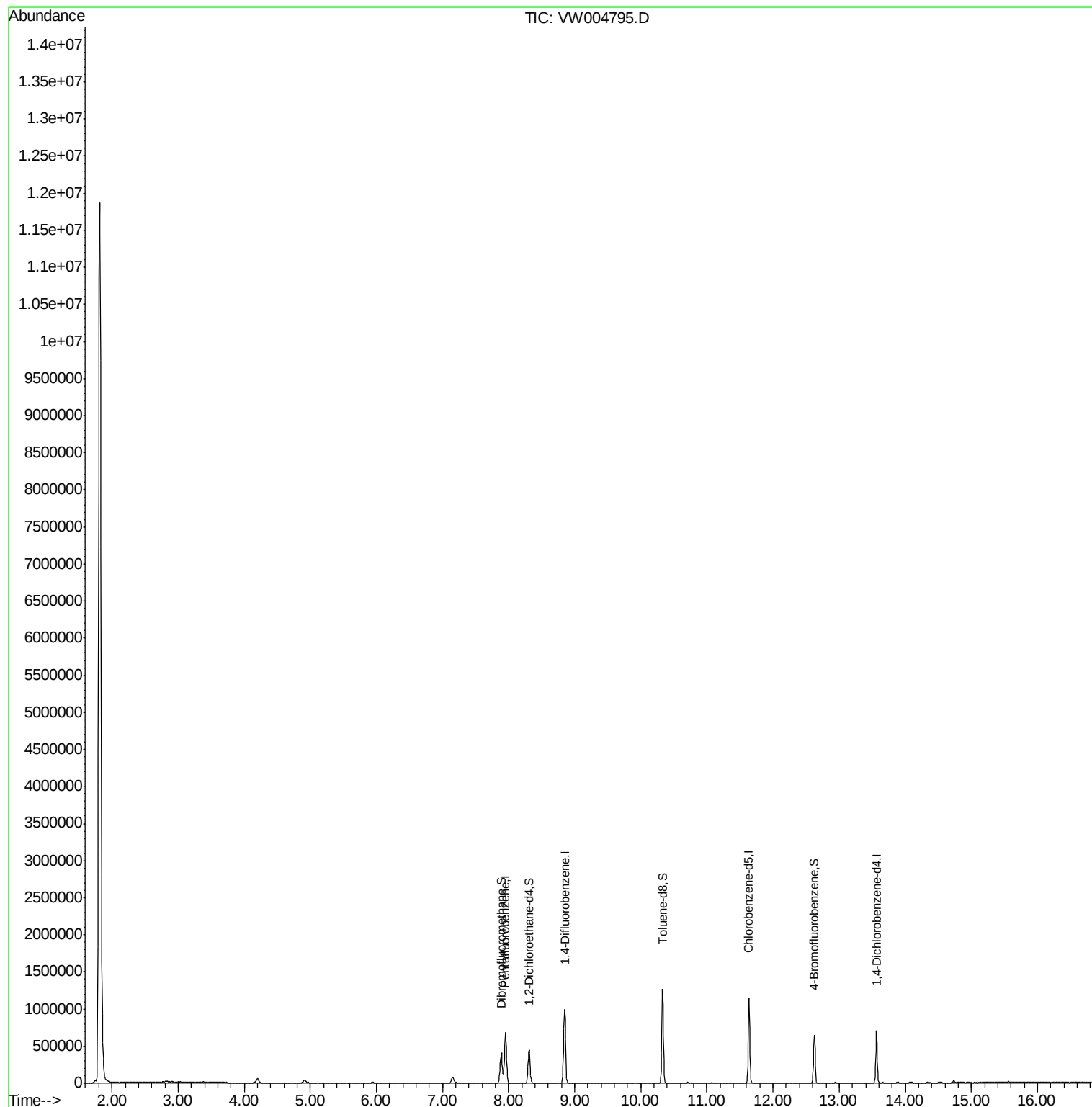
Target Compounds	Qvalue

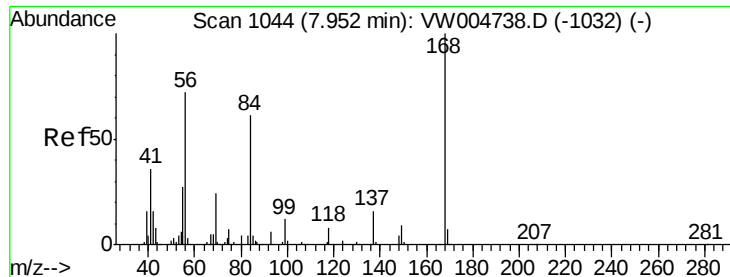
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004795.D

Acq: 20 Aug 2018 17:02

Instrument :

MSVOA_W

ClientSampleId :

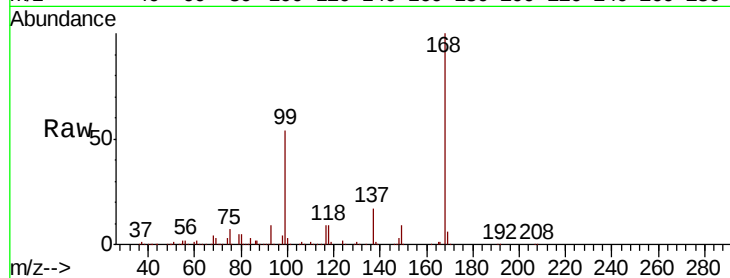
VSS4

Tot Ion:168 Resp: 529743

Ion Ratio Lower Upper

168 100

99 53.9 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

250000

200000

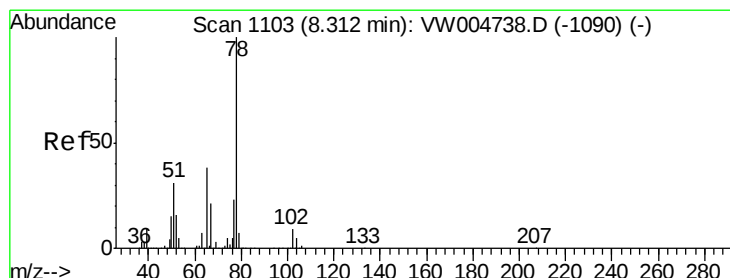
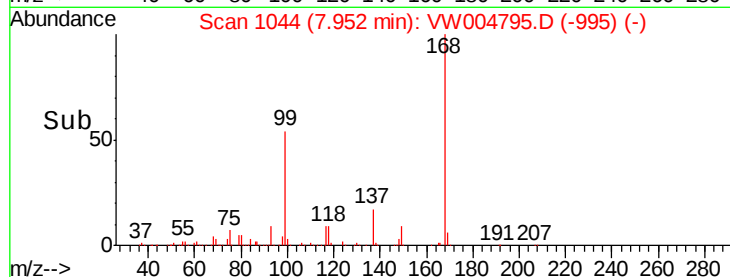
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 67.85 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004795.D

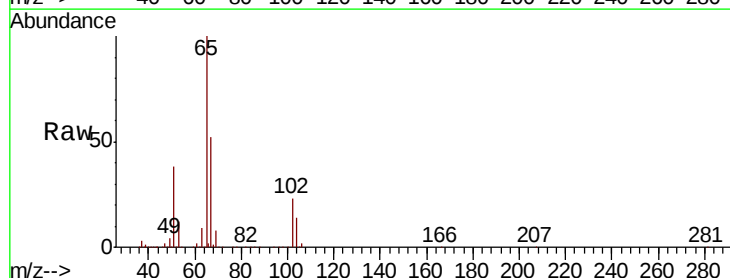
Acq: 20 Aug 2018 17:02

Tgt Ion: 65 Resp: 347507

Ion Ratio Lower Upper

65 100

67 53.8 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

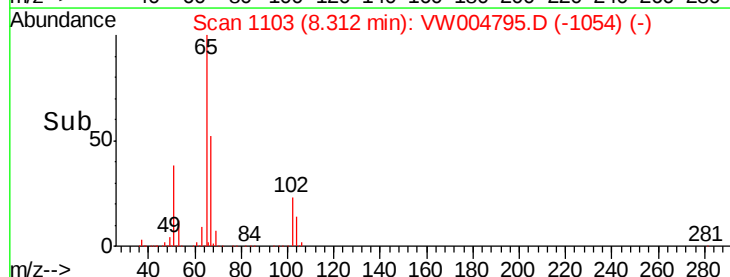
150000

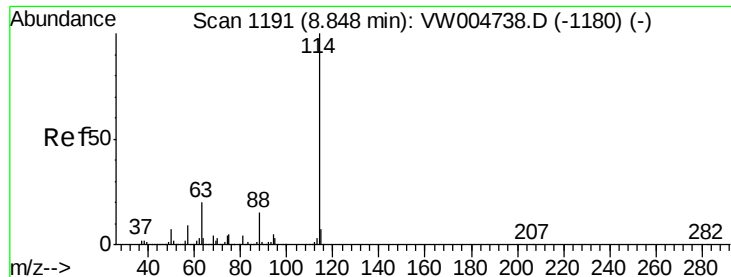
100000

50000

0

Time--> 8.20 8.30 8.40

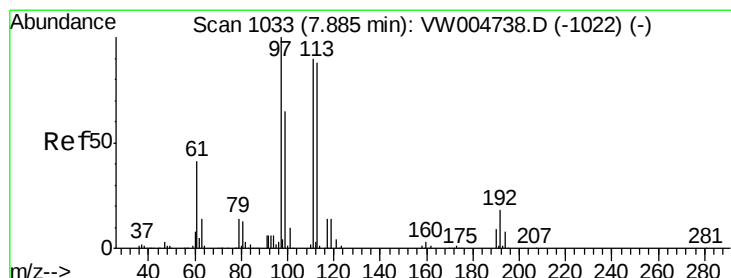
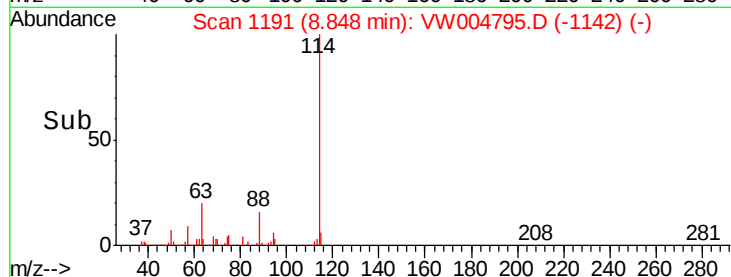
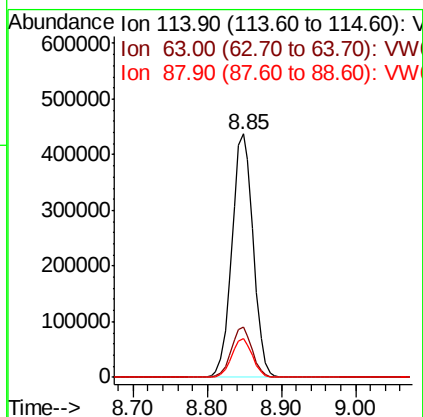
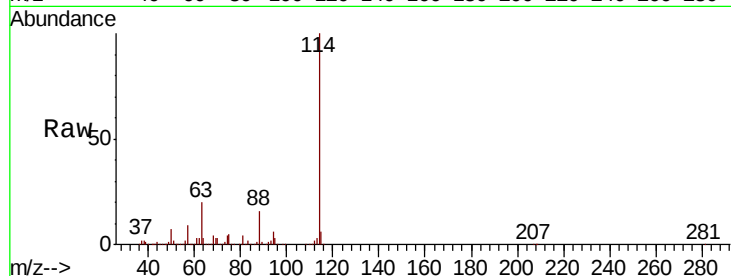




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004795.D
 Acq: 20 Aug 2018 17:02

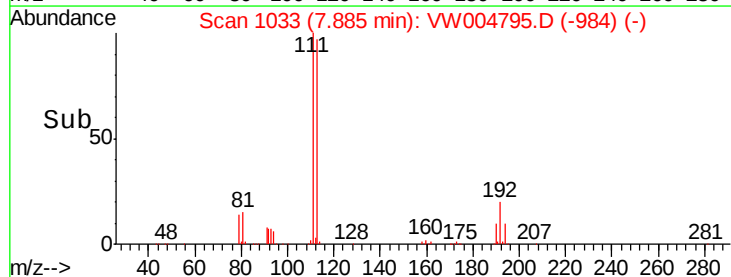
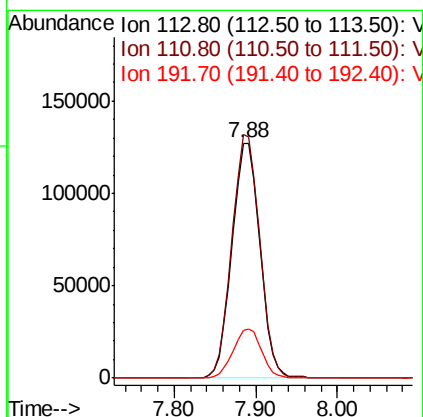
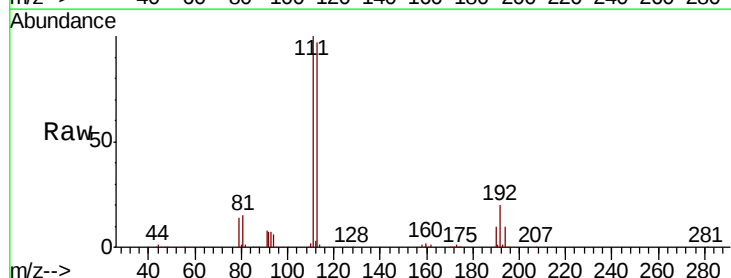
Instrument :
 MSVOA_W
 ClientSampled :
 VSS4

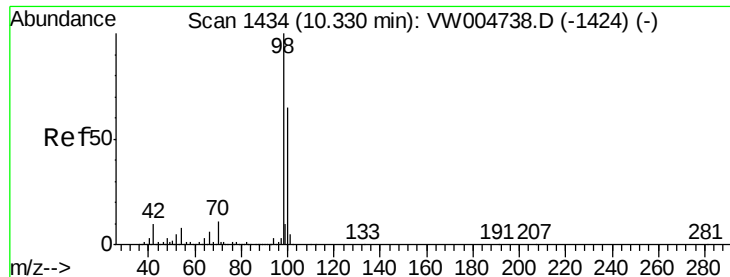
Tot Ion:114 Resp: 872084
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.0
 88 15.8 0.0 30.0



#35
 Dibromofluoromethane
 Concen: 54.04 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004795.D
 Acq: 20 Aug 2018 17:02

Tgt Ion:113 Resp: 301230
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.4 123.6
 192 21.2 16.7 25.1





#50

Toluene-d8

Concen: 39.44 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004795.D

Acq: 20 Aug 2018 17:02

Instrument :

MSVOA_W

ClientSampled :

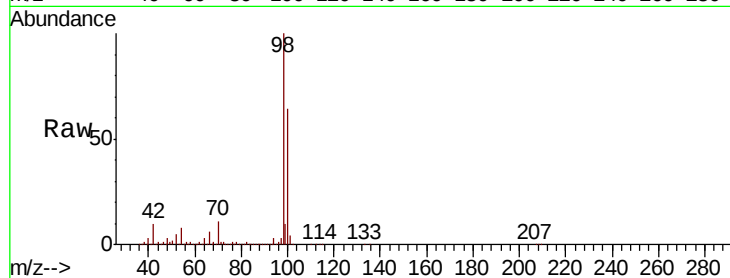
VSS4

Tot Ion: 98 Resp: 858154

Ion Ratio Lower Upper

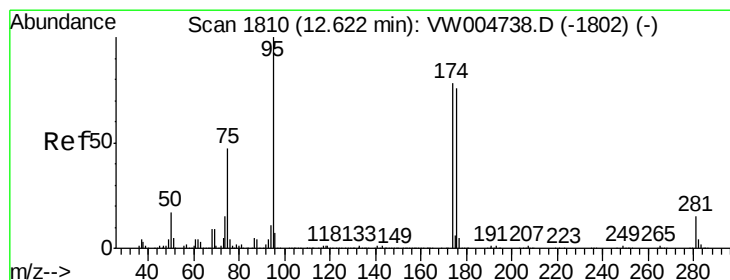
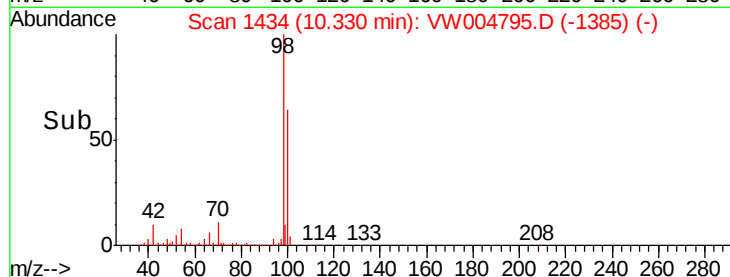
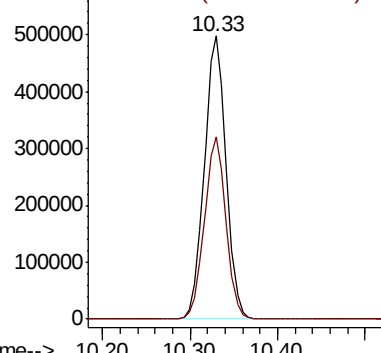
98 100

100 63.7 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 27.95 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004795.D

Acq: 20 Aug 2018 17:02

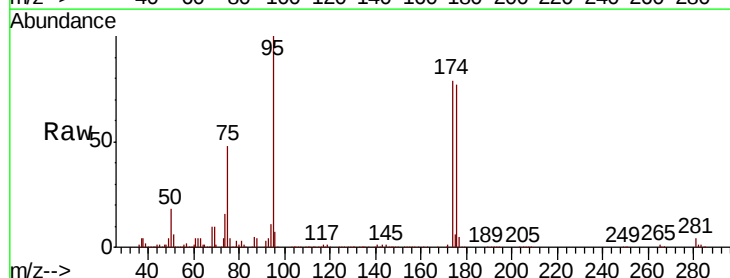
Tgt Ion: 95 Resp: 218747

Ion Ratio Lower Upper

95 100

174 83.7 0.0 165.8

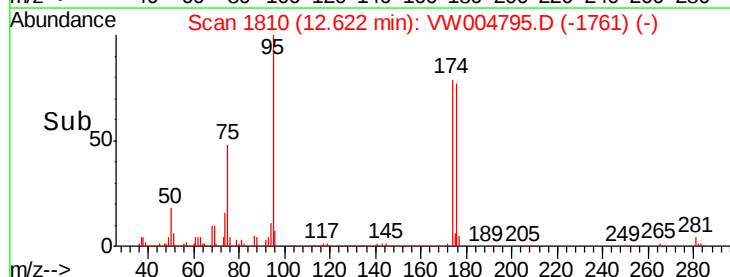
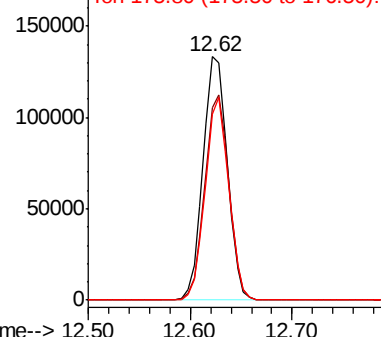
176 80.6 0.0 159.8

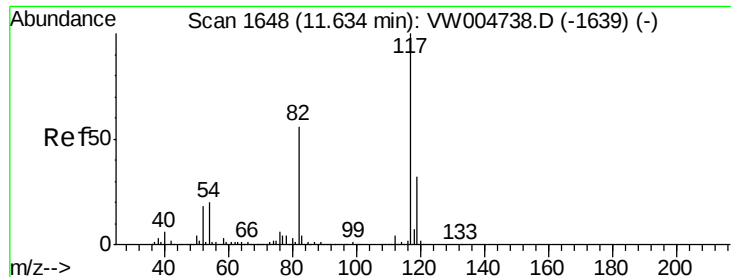


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

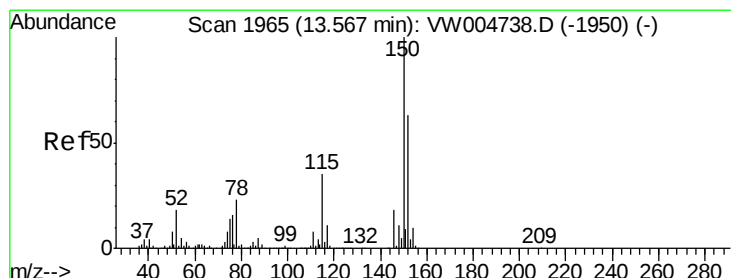
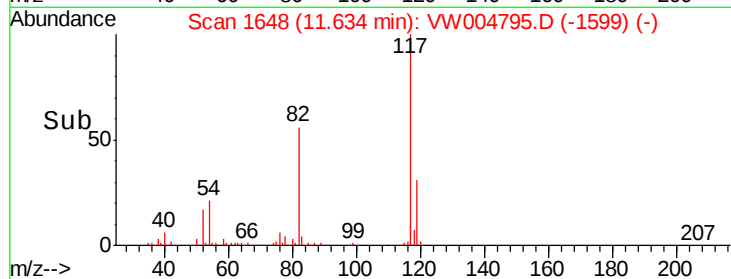
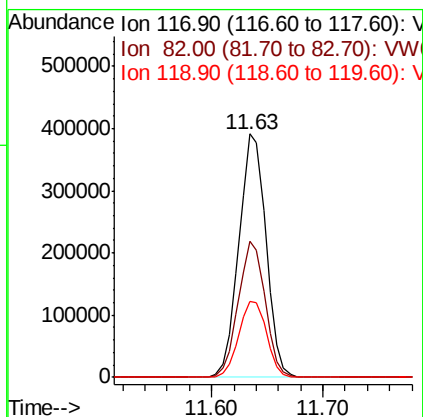
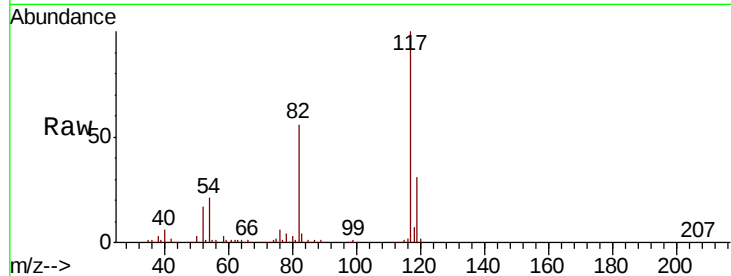




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004795.D
Acq: 20 Aug 2018 17:02

Instrument :
MSVOA_W
ClientSampled :
VSS4

Tot Ion:117 Resp: 659886
Ion Ratio Lower Upper
117 100
82 55.8 44.6 67.0
119 31.3 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: VW004795.D
Acq: 20 Aug 2018 17:02

Tgt Ion:152 Resp: 190886
Ion Ratio Lower Upper
152 100
115 57.1 28.5 85.5
150 157.0 0.0 344.8

