

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101018\
 Data File : VW005979.D
 Acq On : 10 Oct 2018 11:18
 Operator : SY/AP
 Sample : J5302-03RE
 Misc : 5.24G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-TW-3-(16.5-17)RE

Quant Time: Oct 10 12:16:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1088	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	123	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	491	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
35) Dibromofluoromethane	7.90	113	391	56.29	ug/l	0.02
Spiked Amount 50.000			Recovery	=	112.58%	
50) Toluene-d8	10.33	98	1154	43.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.36%	
62) 4-Bromofluorobenzene	12.63	95	200	19.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	39.34%	

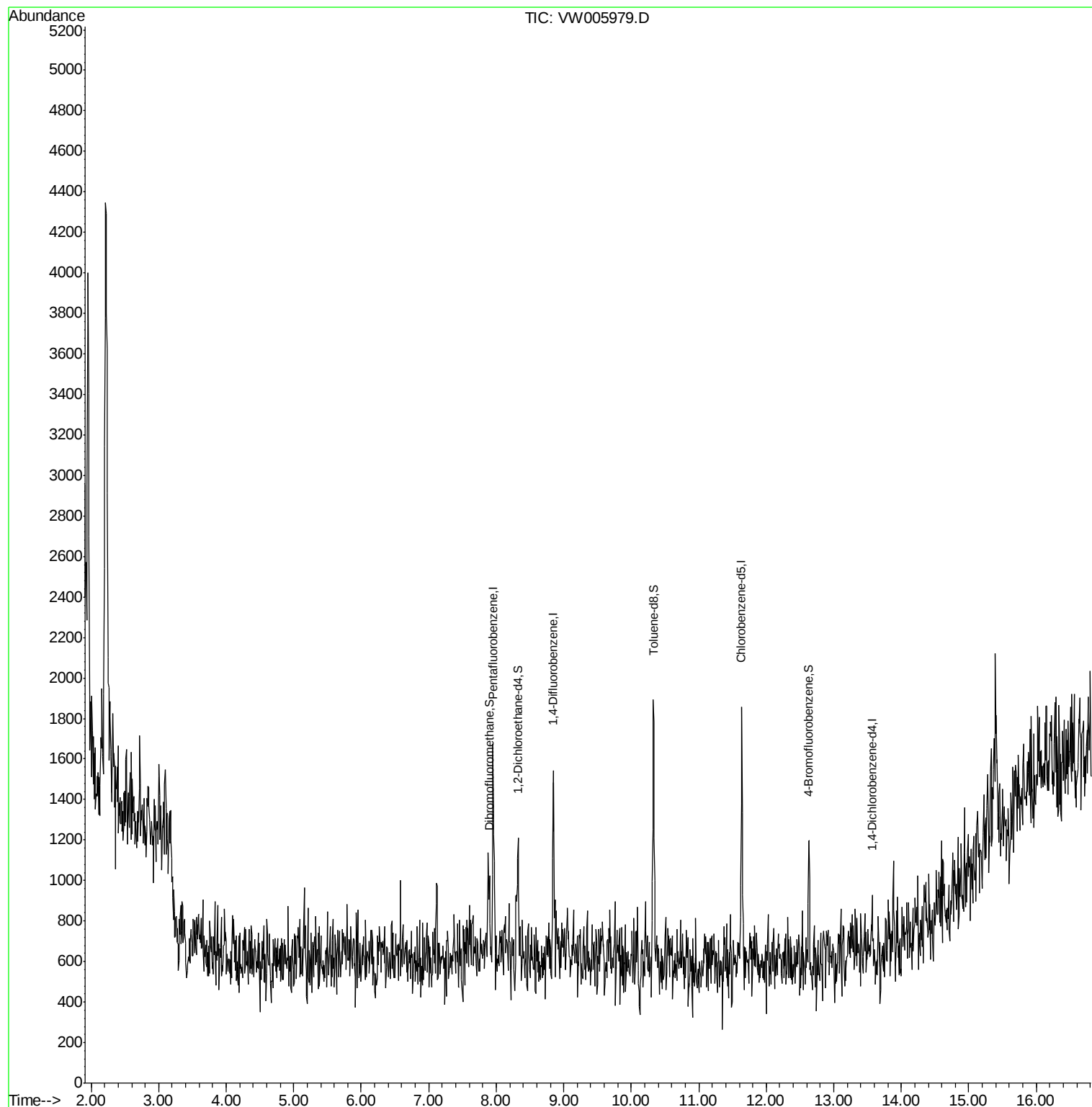
Target Compounds Qvalue

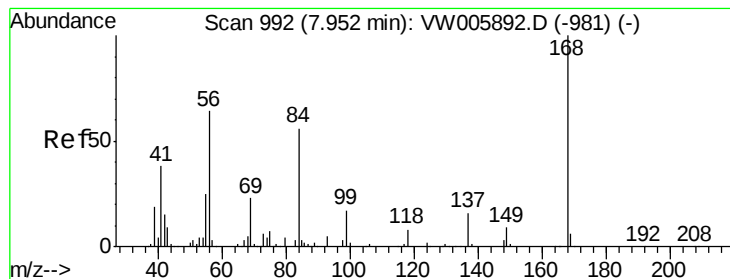
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 09 02:14:04 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

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MSVOA_W

ClientSampleId :

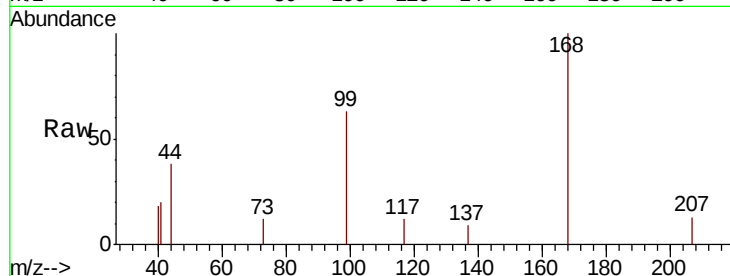
SB-TW-3-(16.5-17)RE

Tot Ion:168 Resp: 1048

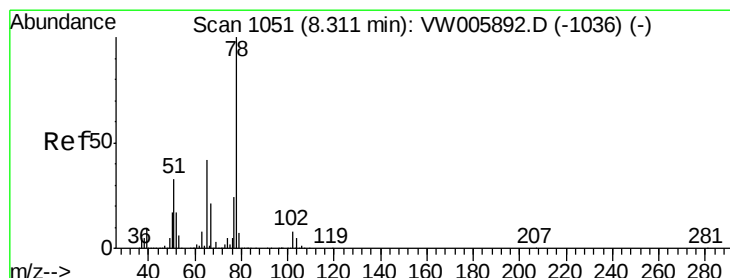
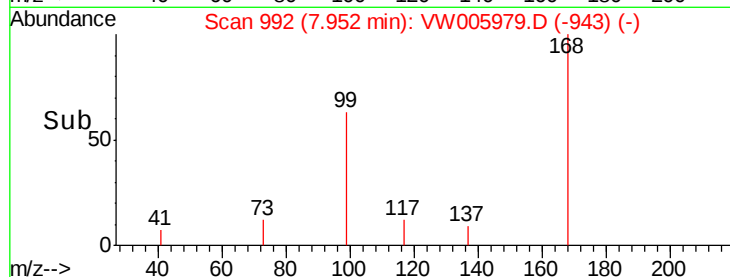
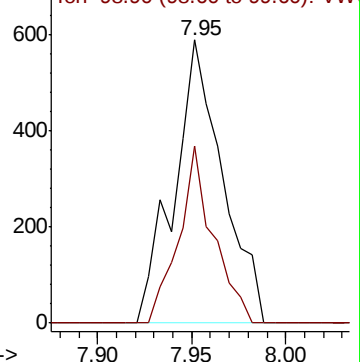
Ion Ratio Lower Upper

168 100

99 62.8 40.9 61.3#



Abundance Ion 167.90 (167.60 to 168.60): V



#33

1,2-Dichloroethane-d4

Concen: 48.262 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VW005979.D

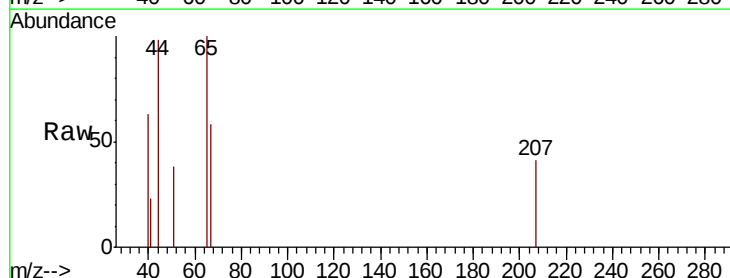
Acq: 10 Oct 2018 11:18

Tgt Ion: 65 Resp: 491

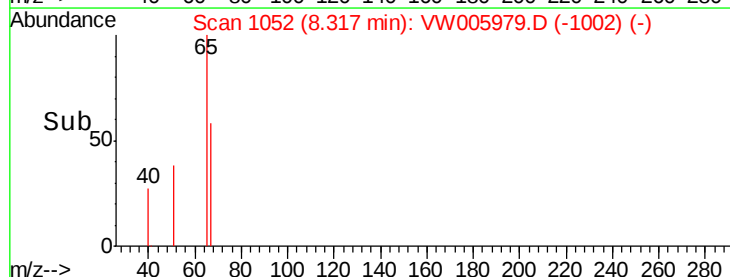
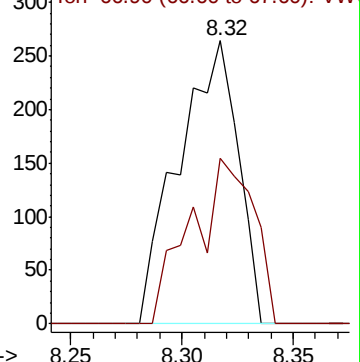
Ion Ratio Lower Upper

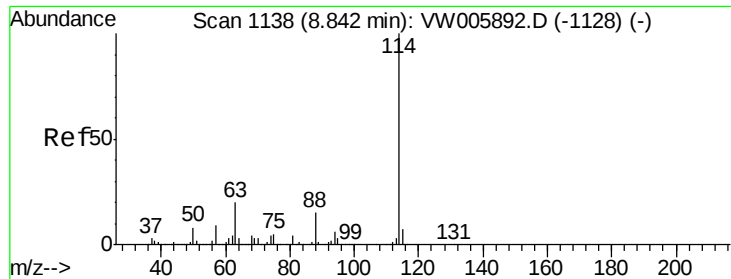
65 100

67 61.1 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW005979.D

Acq: 10 Oct 2018 11:18

Instrument :

MSVOA_W

ClientSampleId :

SB-TW-3-(16.5-17)RE

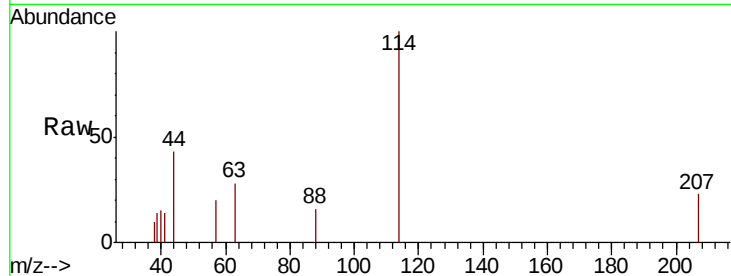
Tot Ion:114 Resp: 1088

Ion Ratio Lower Upper

114 100

63 28.3 0.0 39.2

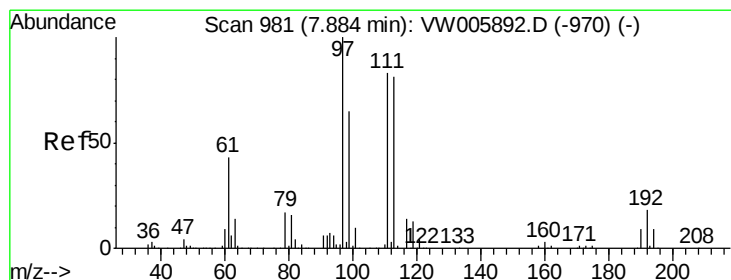
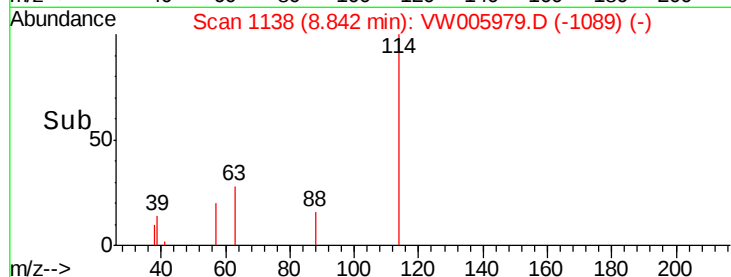
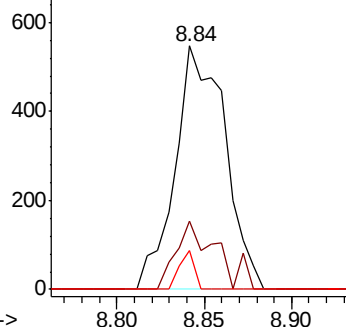
88 16.1 0.0 30.8



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: 56.288 ug/l

RT: 7.90 min Scan# 984

Delta R.T. 0.02 min

Lab File: VW005979.D

Acq: 10 Oct 2018 11:18

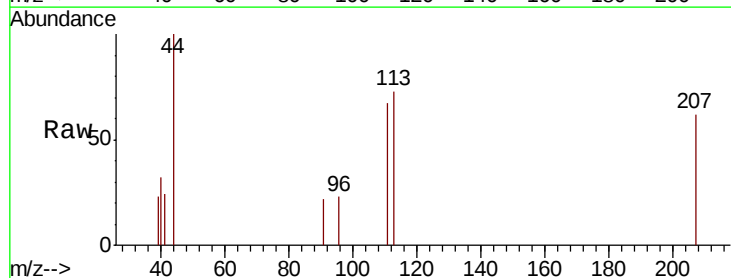
Tgt Ion:113 Resp: 391

Ion Ratio Lower Upper

113 100

111 116.1 82.0 123.0

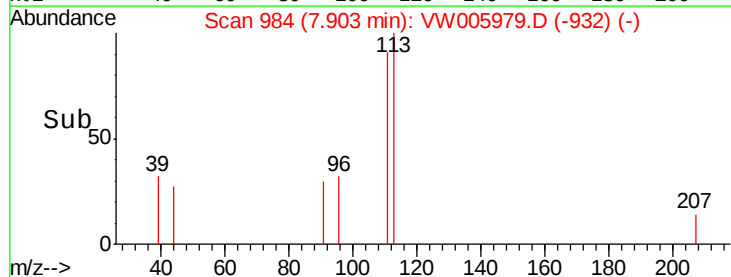
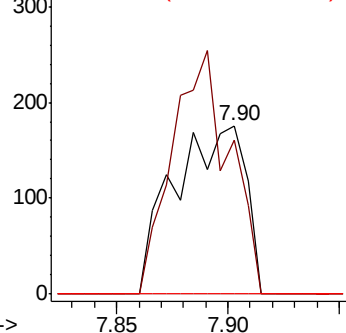
192 0.0 18.3 27.5#

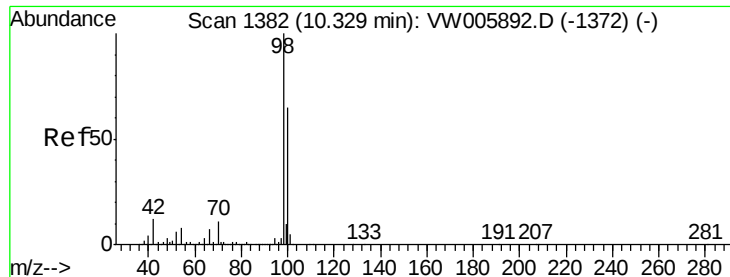


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 43.179 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005979.D

Acq: 10 Oct 2018 11:18

Instrument :

MSVOA_W

ClientSampleId :

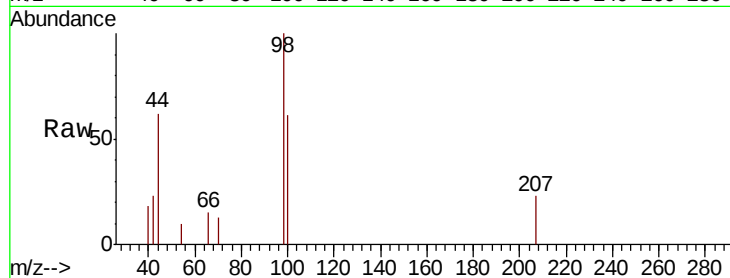
SB-TW-3-(16.5-17)RE

Tot Ion: 98 Resp: 1154

Ion Ratio Lower Upper

98 100

100 58.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

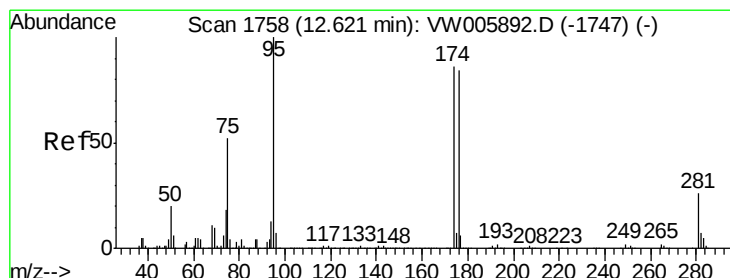
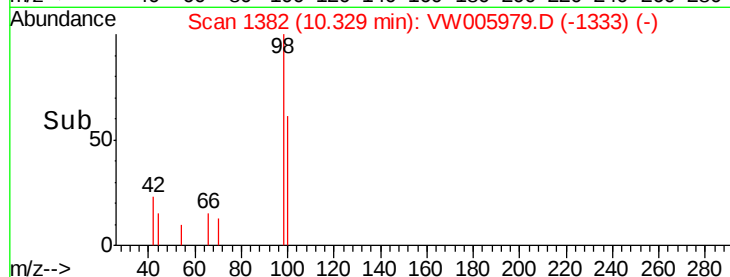
600

400

200

0

Time--> 10.25 10.30 10.35 10.40



#62

4-Bromofluorobenzene

Concen: 19.669 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005979.D

Acq: 10 Oct 2018 11:18

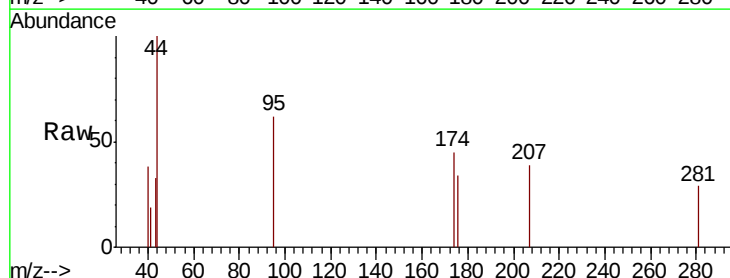
Tgt Ion: 95 Resp: 200

Ion Ratio Lower Upper

95 100

174 58.5 0.0 176.4

176 88.0 0.0 173.0



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

250

200

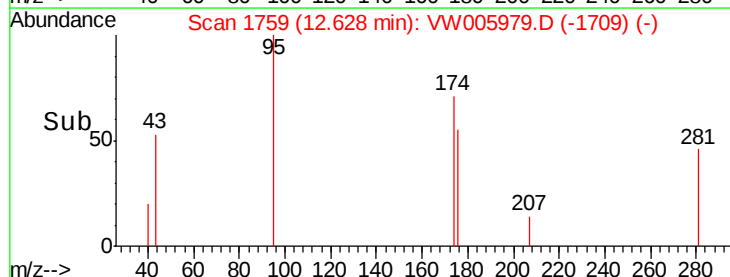
150

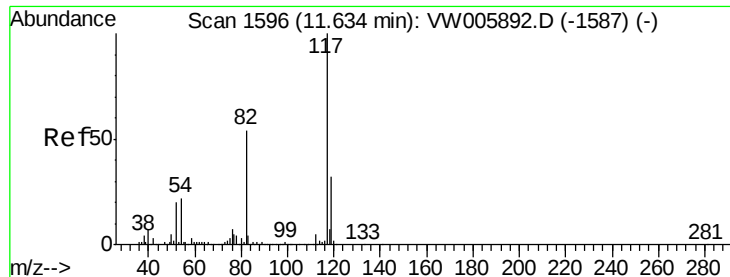
100

50

0

Time--> 12.60 12.65

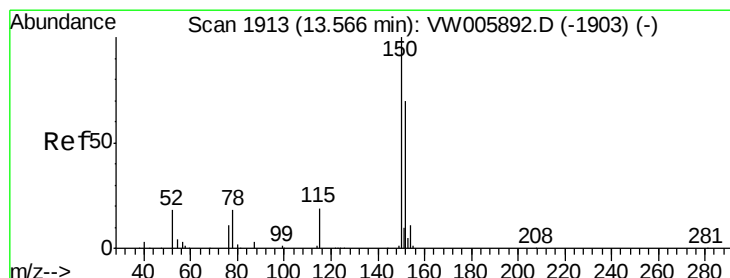
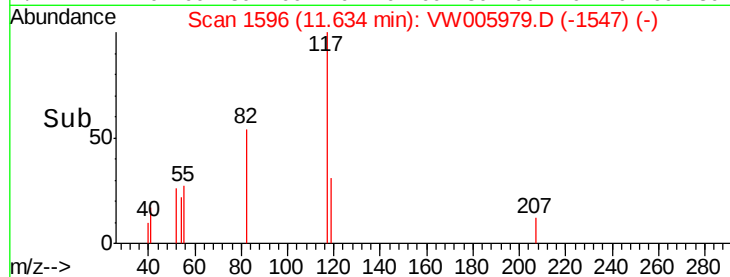
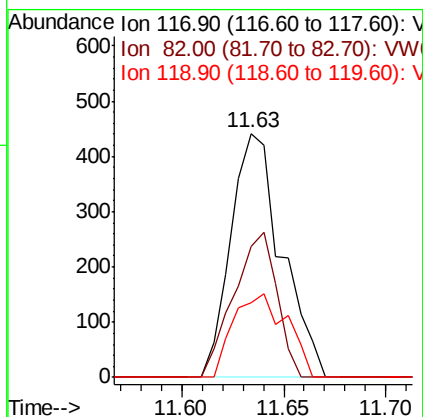
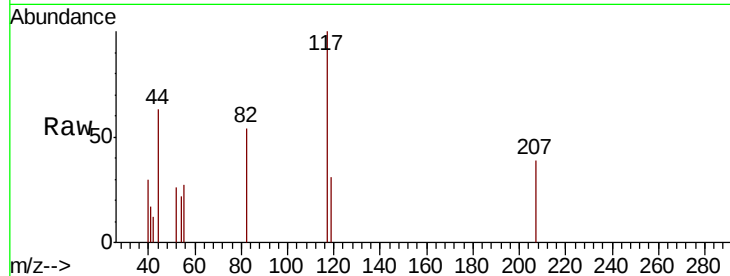




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005979.D
Acq: 10 Oct 2018 11:18

Instrument :
MSVOA_W
ClientSampleId :
SB-TW-3-(16.5-17)RE

Tot Ion:117 Resp: 763
Ion Ratio Lower Upper
117 100
82 53.7 43.5 65.3
119 30.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005979.D
Acq: 10 Oct 2018 11:18

Tgt Ion:152 Resp: 123
Ion Ratio Lower Upper
152 100
115 0.0 28.3 85.0#
150 201.6 0.0 349.2

