

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071218\
 Data File : VW003901.D
 Acq On : 12 Jul 2018 17:06
 Operator : SY/AP
 Sample : J3927-01RE
 Misc : 6.47G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CS-RBR-200031RE

Quant Time: Jul 13 09:05:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	167157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	282783	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	212129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	61389	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	119371	54.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.22%	
35) Dibromofluoromethane	7.88	113	102002	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
50) Toluene-d8	10.33	98	329738	43.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.10%	
62) 4-Bromofluorobenzene	12.62	95	75714	27.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	55.28%	

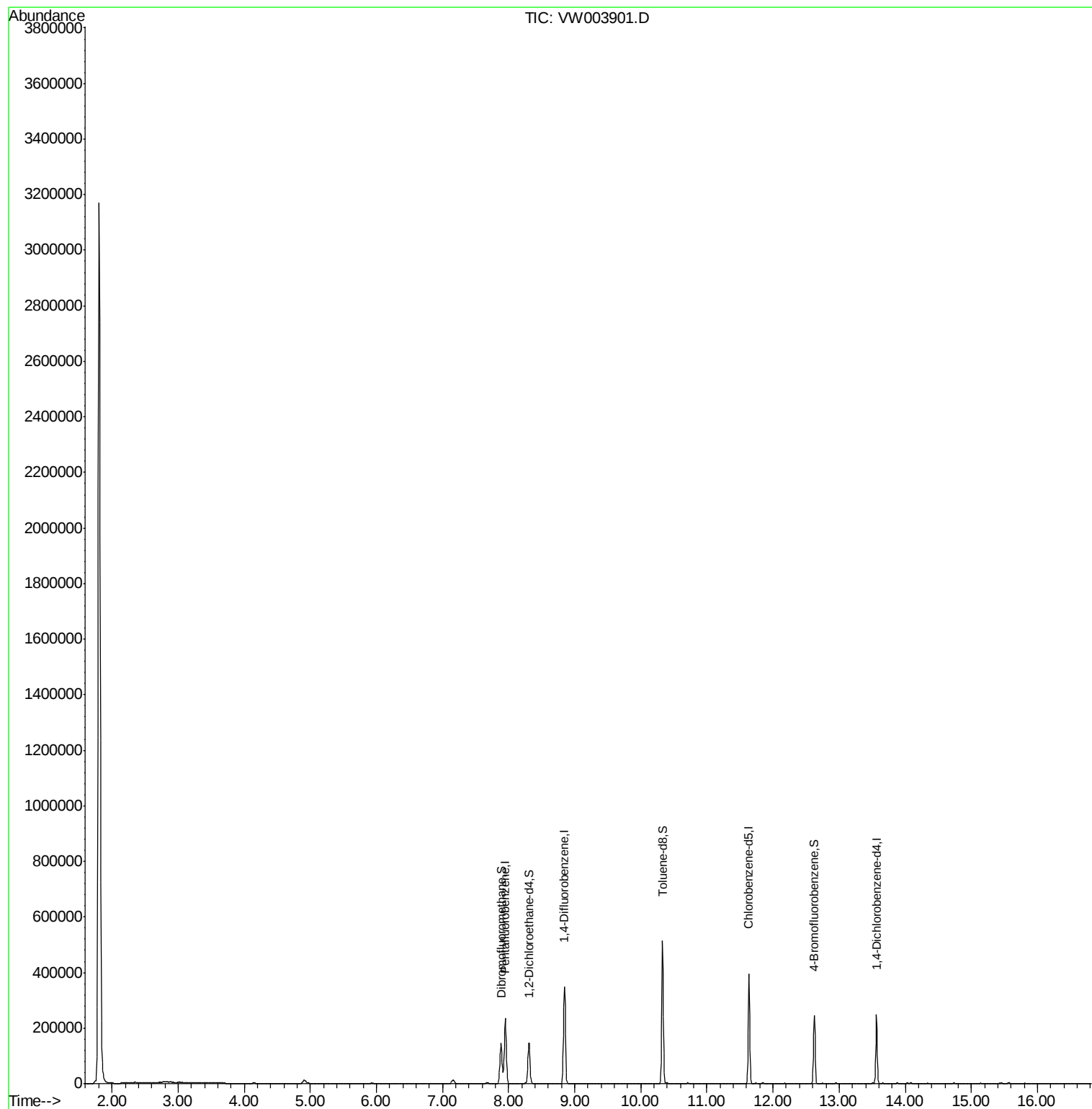
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003901.D

Acq: 12 Jul 2018 17:06

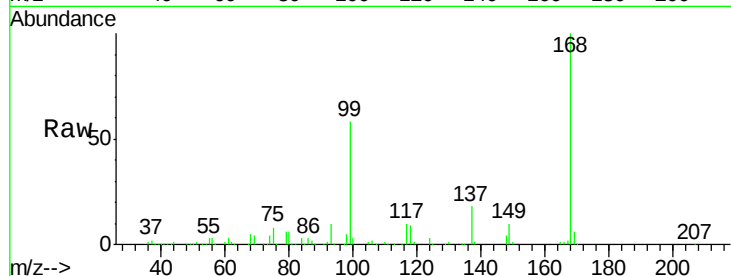
Instrument :
MSVOA_W
ClientSampleId :
CS-RBR-200031RE

Tot Ion:168 Resp: 167157

Ion Ratio Lower Upper

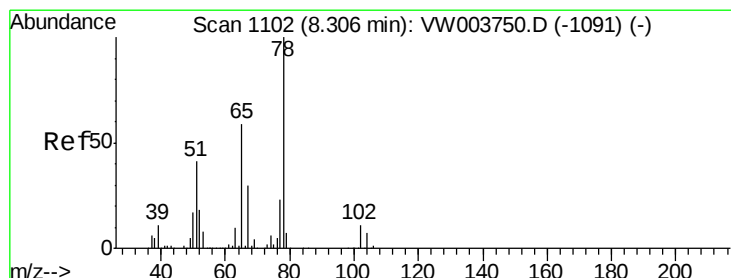
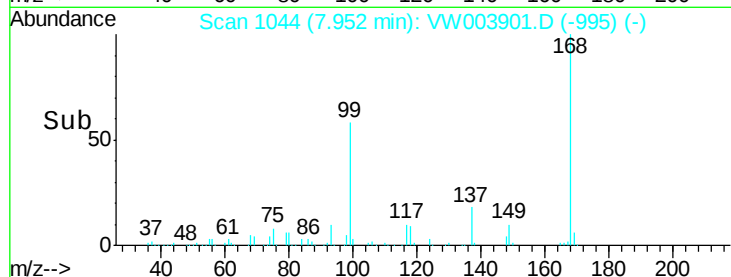
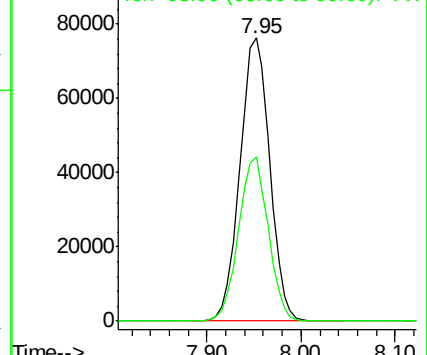
168 100

99 58.0 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 54.608 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW003901.D

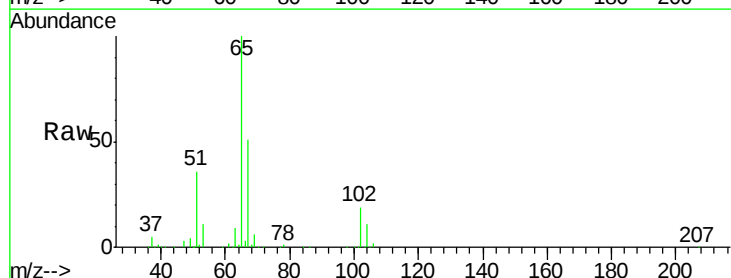
Acq: 12 Jul 2018 17:06

Tgt Ion: 65 Resp: 119371

Ion Ratio Lower Upper

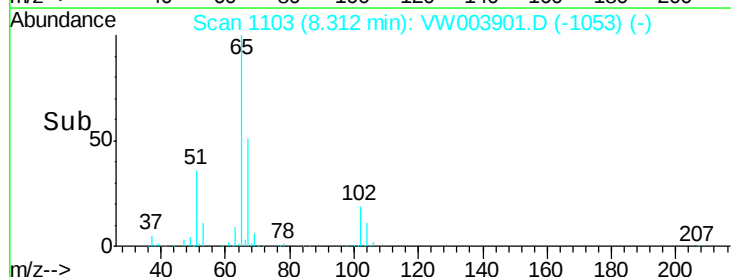
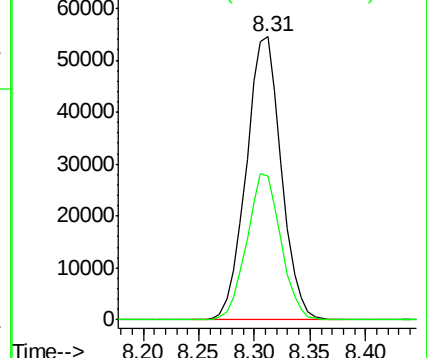
65 100

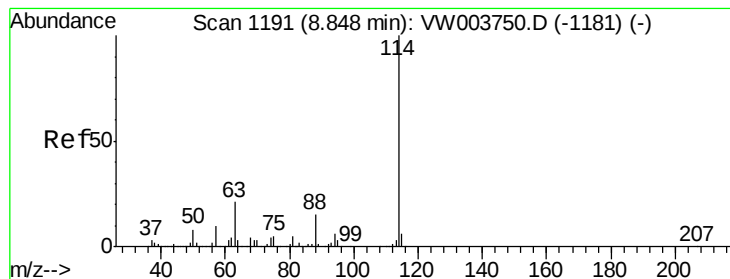
67 50.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003901.D

Acq: 12 Jul 2018 17:06

Instrument :

MSVOA_W

ClientSampleId :

CS-RBR-200031RE

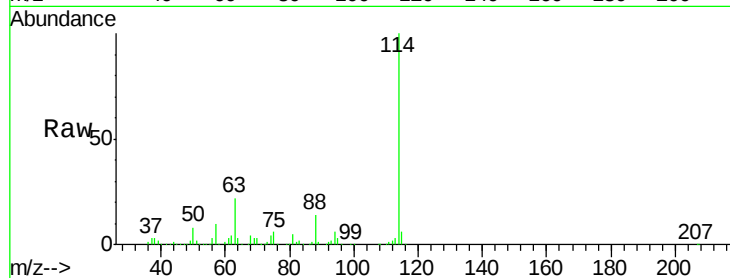
Tot Ion:114 Resp: 282783

Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.8

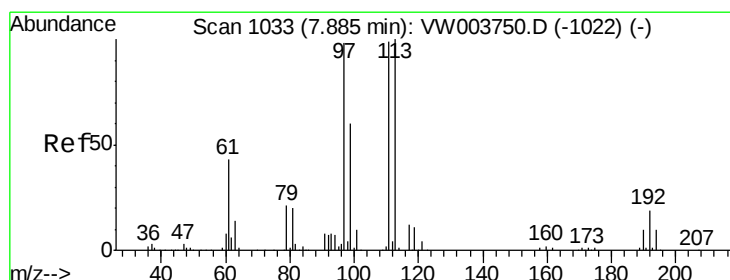
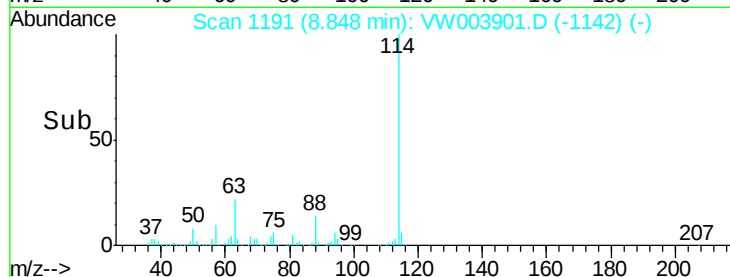
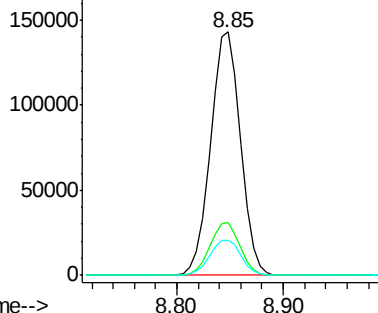
88 14.4 0.0 30.2



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: 51.538 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003901.D

Acq: 12 Jul 2018 17:06

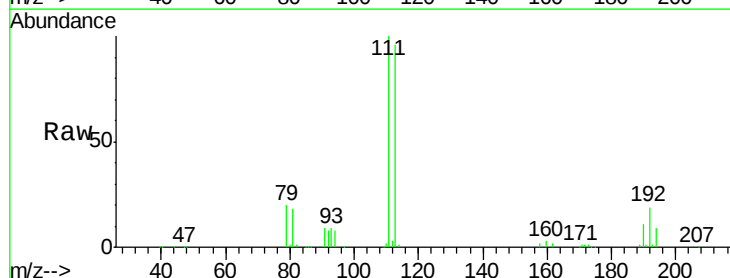
Tgt Ion:113 Resp: 102002

Ion Ratio Lower Upper

113 100

111 102.7 81.7 122.5

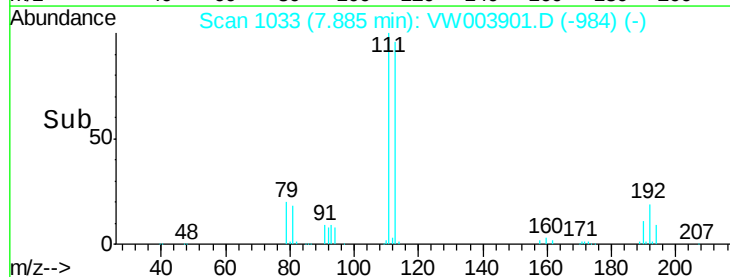
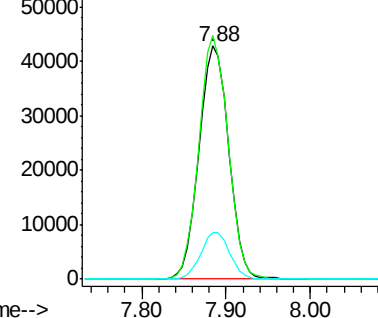
192 19.6 15.8 23.8

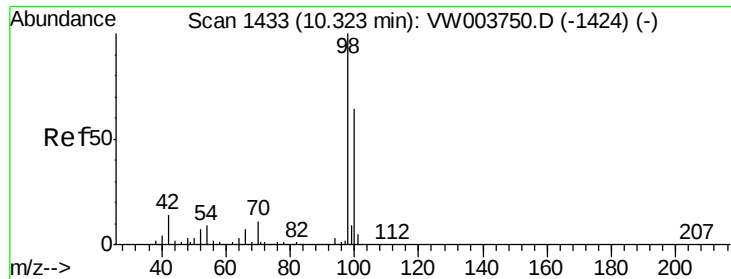


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 43.554 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW003901.D

Acq: 12 Jul 2018 17:06

Instrument :

MSVOA_W

ClientSampleId :

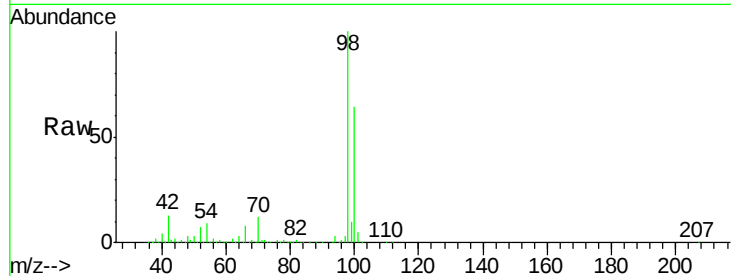
CS-RBR-200031RE

Tot Ion: 98 Resp: 329738

Ion Ratio Lower Upper

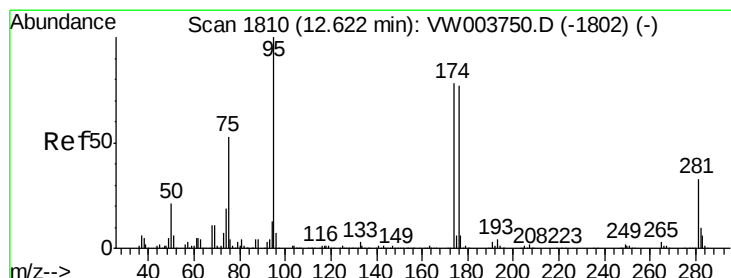
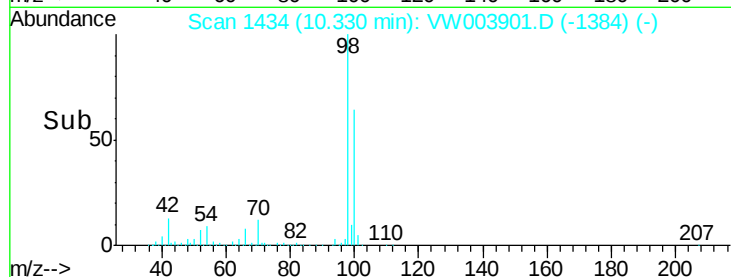
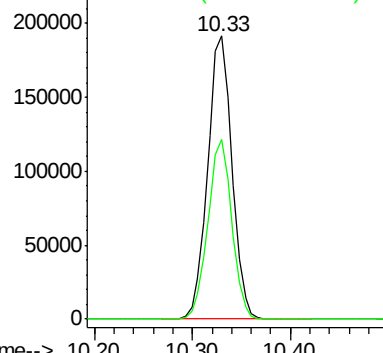
98 100

100 62.7 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 27.641 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW003901.D

Acq: 12 Jul 2018 17:06

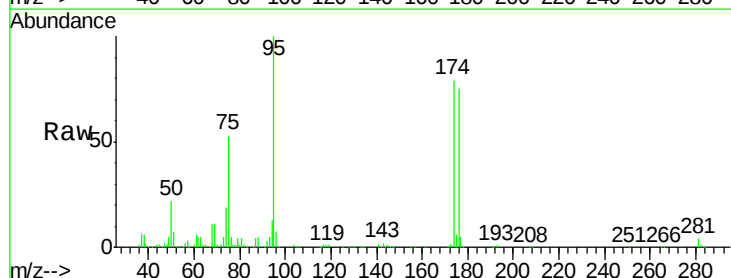
Tgt Ion: 95 Resp: 75714

Ion Ratio Lower Upper

95 100

174 83.8 0.0 163.4

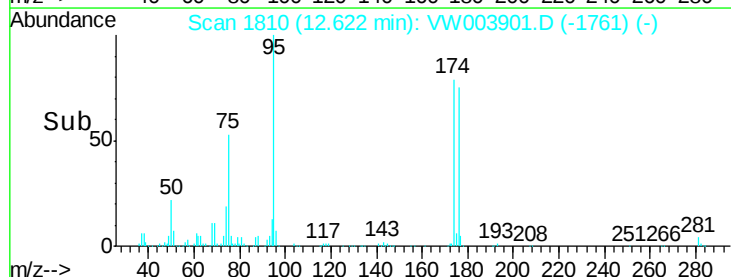
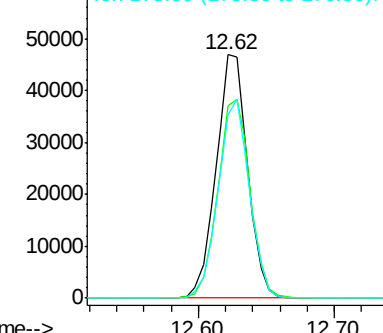
176 81.0 0.0 156.8

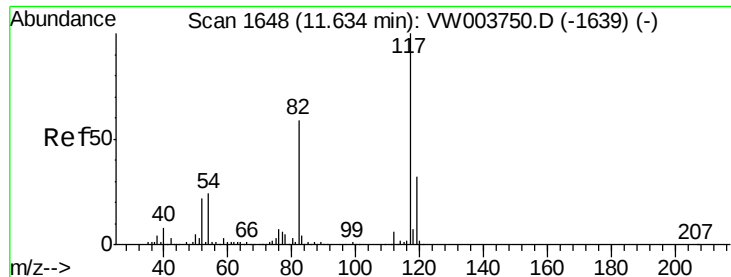


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

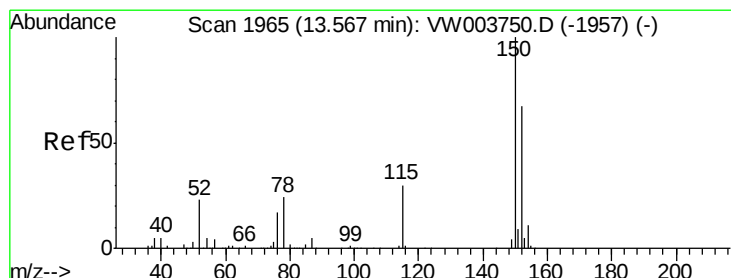
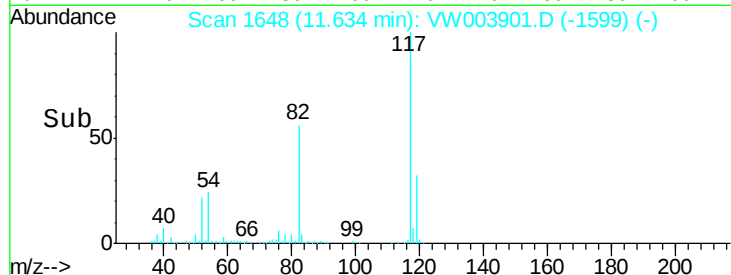
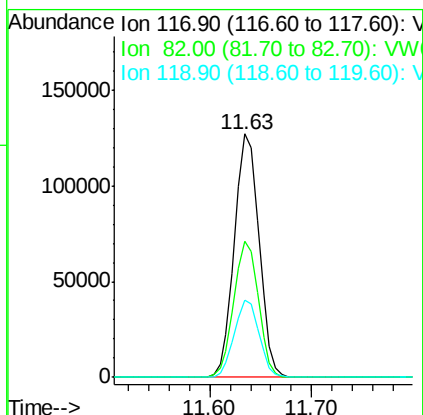
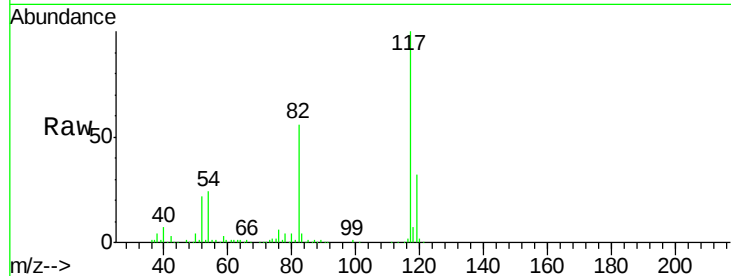




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003901.D
Acq: 12 Jul 2018 17:06

Instrument :
MSVOA_W
ClientSampleId :
CS-RBR-200031RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	46.9	70.3
119	32.0	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003901.D
Acq: 12 Jul 2018 17:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	28.9	86.8
150	155.7	0.0	342.4

