

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110418\
 Data File : VW006618.D
 Acq On : 02 Nov 2018 22:35
 Operator : SY/AP
 Sample : J5741-51
 Misc : 7.36G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-13

Quant Time: Nov 03 00:28:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	257	50.00	ug/l	0.00
63) Chlorobenzene-d5	0.00	117	0	0.00	ug/l	-11.63
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-13.57

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		0.00	65	0	0.00	ug/l	
Spiked Amount	50.000			Recovery	=	0.00%	
35) Dibromofluoromethane		7.88	113	20	12.40	ug/l	0.00
Spiked Amount	50.000			Recovery	=	24.80%	
50) Toluene-d8		10.34	98	65	10.59	ug/l	0.01
Spiked Amount	50.000			Recovery	=	21.18%	
62) 4-Bromofluorobenzene		0.00	95	0	0.00	ug/l	
Spiked Amount	50.000			Recovery	=	0.00%	

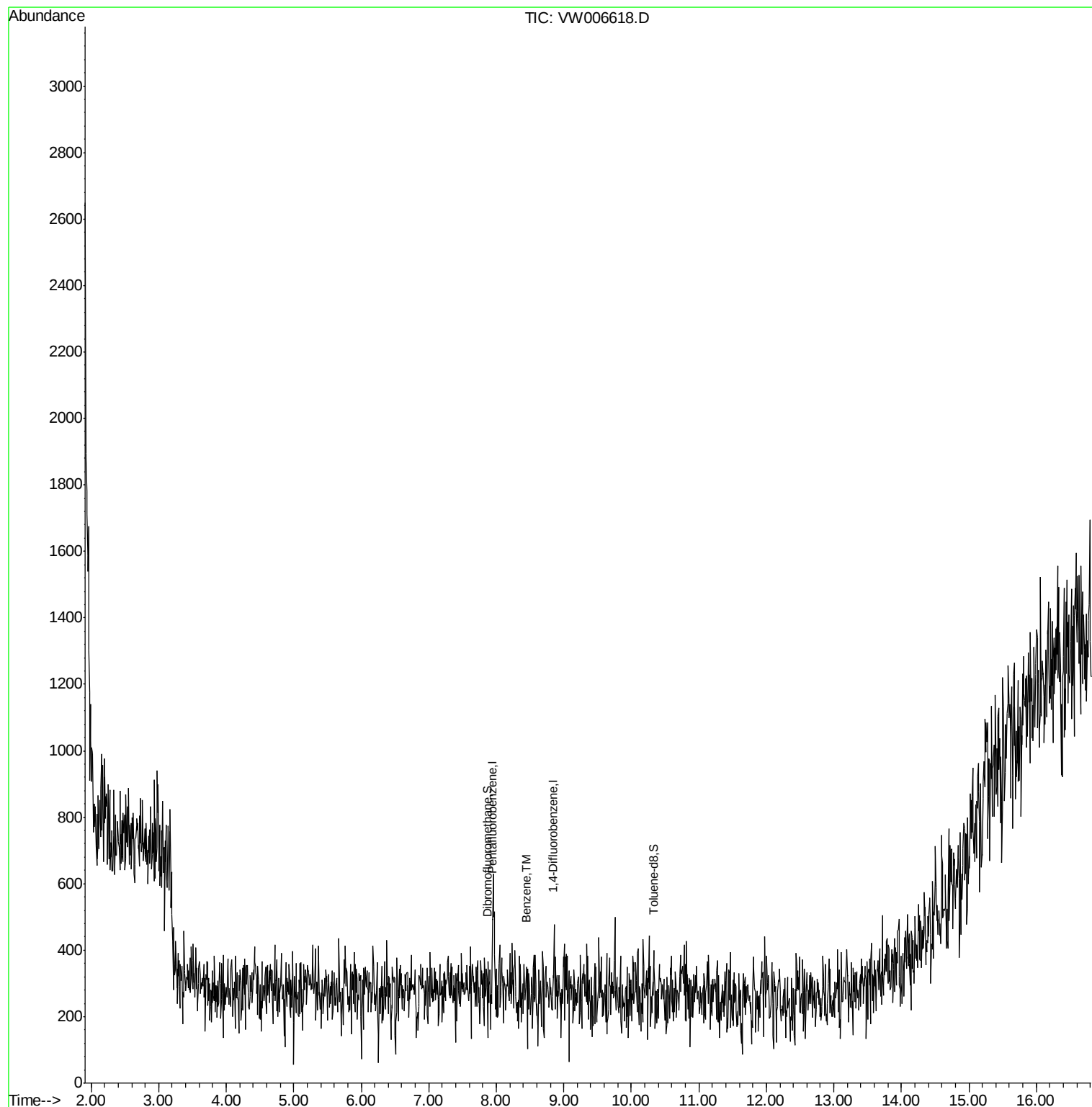
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
40) Benzene	8.46	78	20	3.116	ug/l #	51

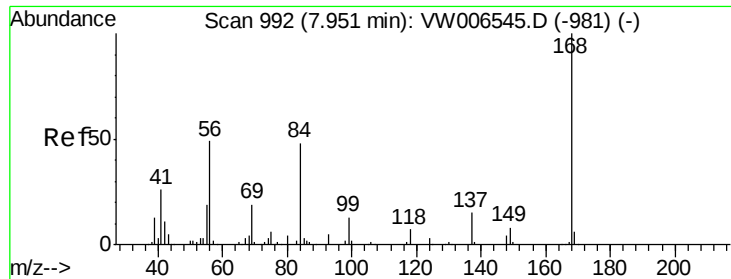
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

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MSVOA_W

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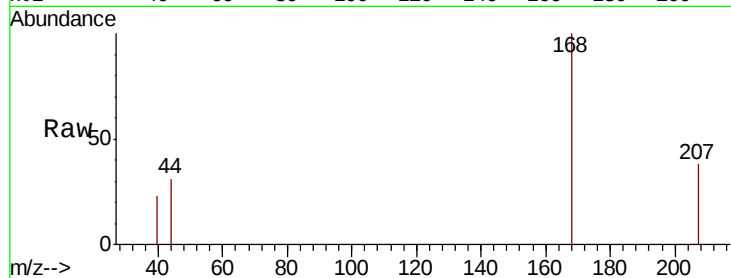
TP-13

Tgt Ion:168 Resp: 450

Ion Ratio Lower Upper

168 100

99 0.0 37.4 56.0#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250

200

150

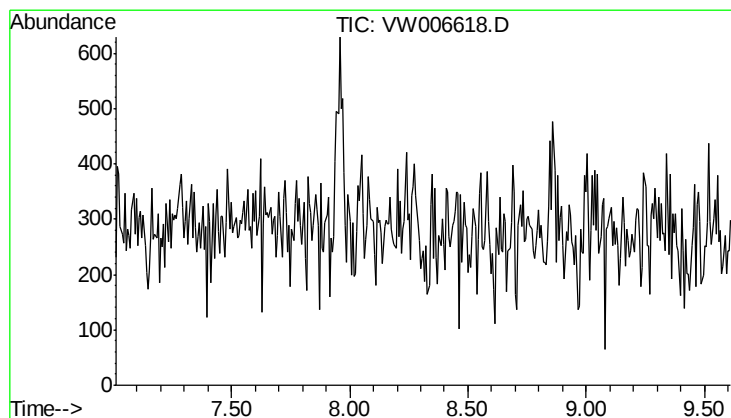
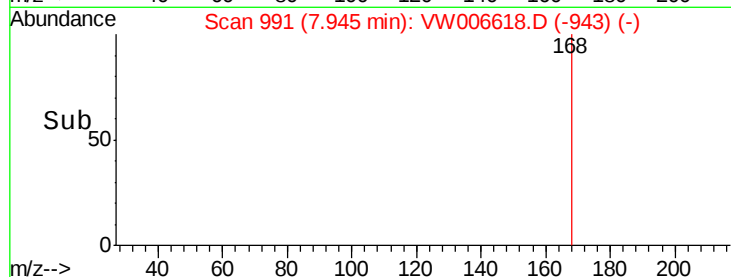
100

50

0

7.90 7.95 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 8.31 min

Lab File: VW006618.D

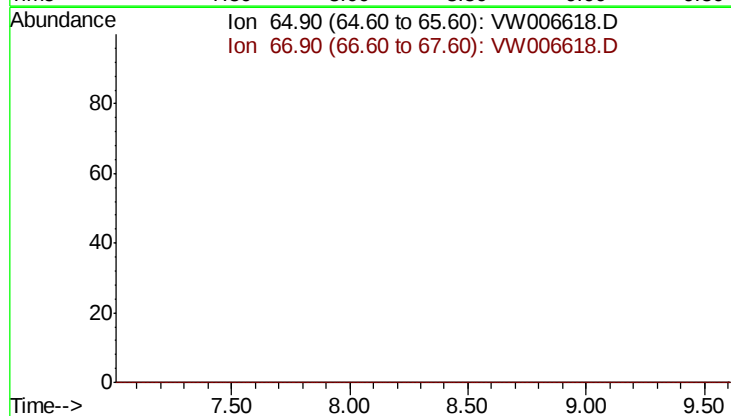
Acq: 02 Nov 2018 22:35

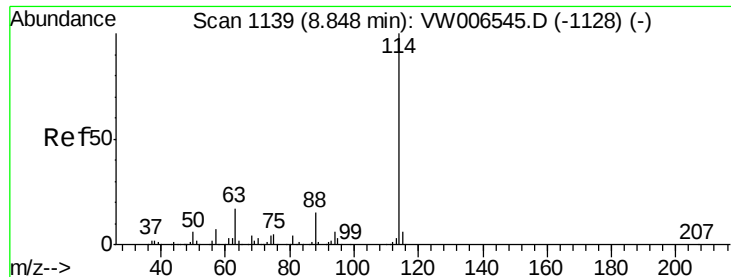
Tgt Ion: 65

Sig Exp Ratio

65 100

67 52.2

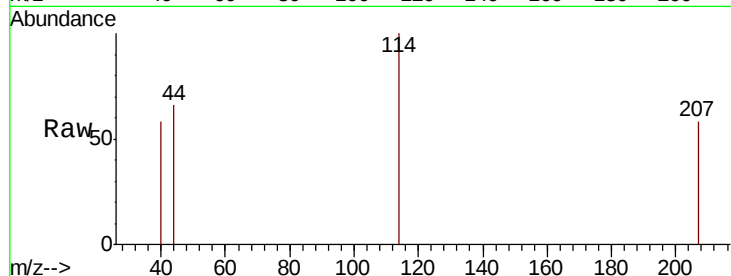




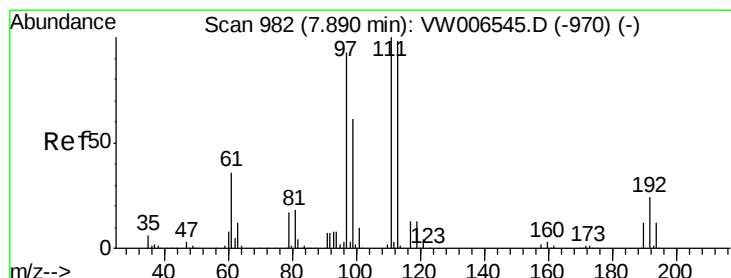
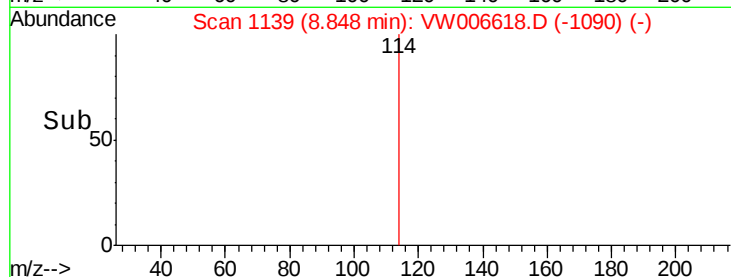
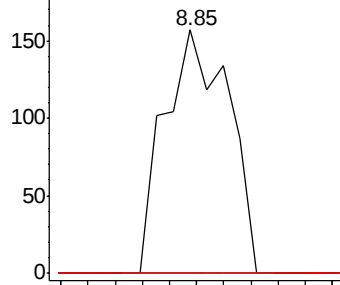
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006618.D
 Acq: 02 Nov 2018 22:35

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-13

Tgt Ion:114 Resp: 257
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 34.4
 88 0.0 0.0 29.0

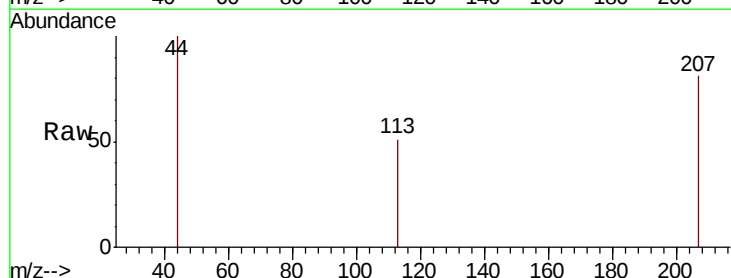


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

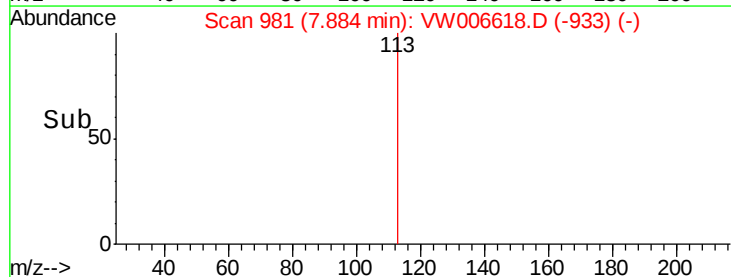
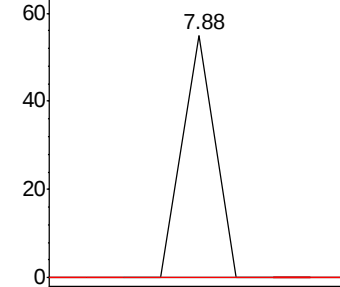


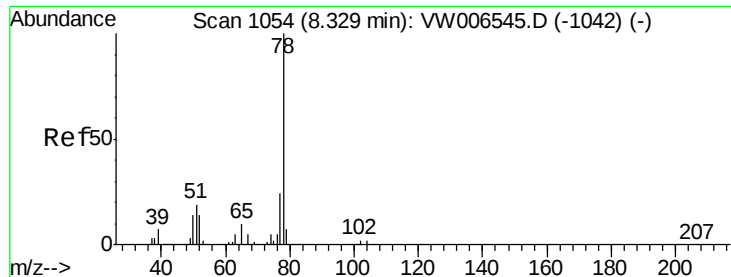
#35
 Dibromofluoromethane
 Concen: 12.400 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006618.D
 Acq: 02 Nov 2018 22:35

Tgt Ion:113 Resp: 20
 Ion Ratio Lower Upper
 113 100
 111 0.0 82.2 123.2#
 192 0.0 19.0 28.6#



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





#40

Benzene

Concen: 3.116 ug/l

RT: 8.46 min Scan# 1075

Delta R.T. 0.13 min

Lab File: VW006618.D

Acq: 02 Nov 2018 22:35

Instrument :

MSVOA_W

ClientSampleId :

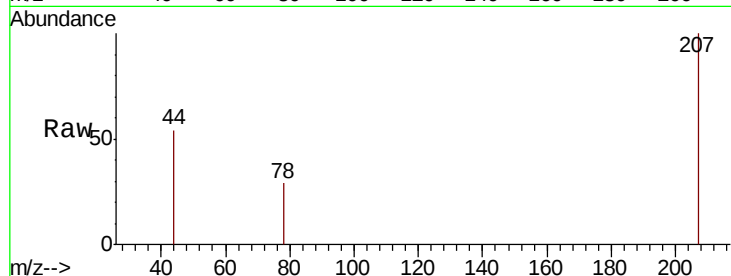
TP-13

Tgt Ion: 78 Resp: 20

Ion Ratio Lower Upper

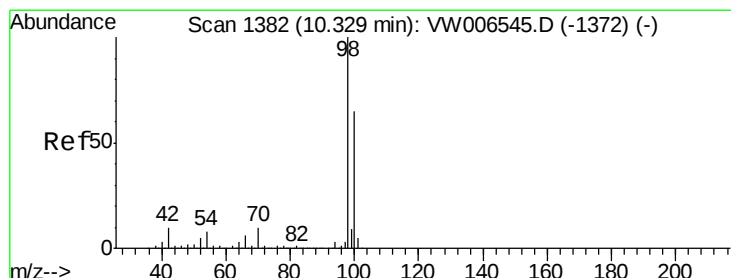
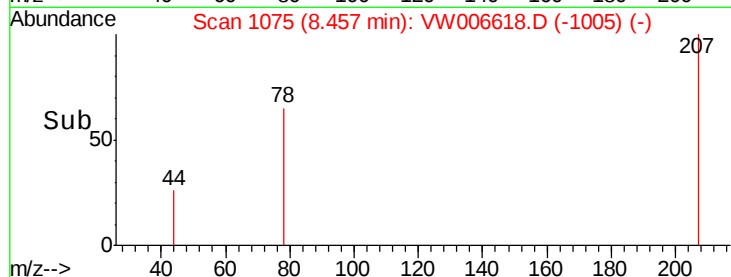
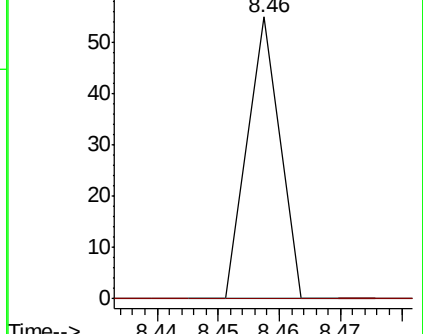
78 100

77 0.0 19.2 28.8#



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW



#50

Toluene-d8

Concen: 10.586 ug/l

RT: 10.34 min Scan# 1384

Delta R.T. 0.01 min

Lab File: VW006618.D

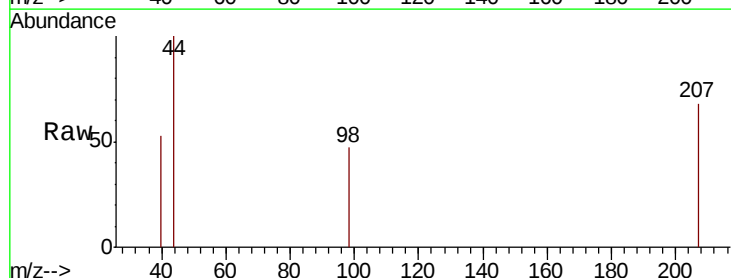
Acq: 02 Nov 2018 22:35

Tgt Ion: 98 Resp: 65

Ion Ratio Lower Upper

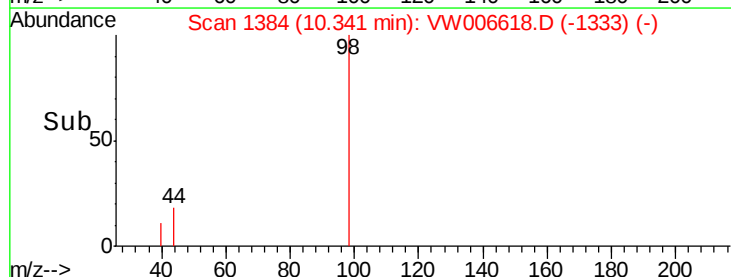
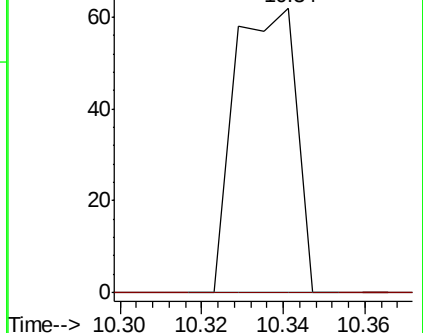
98 100

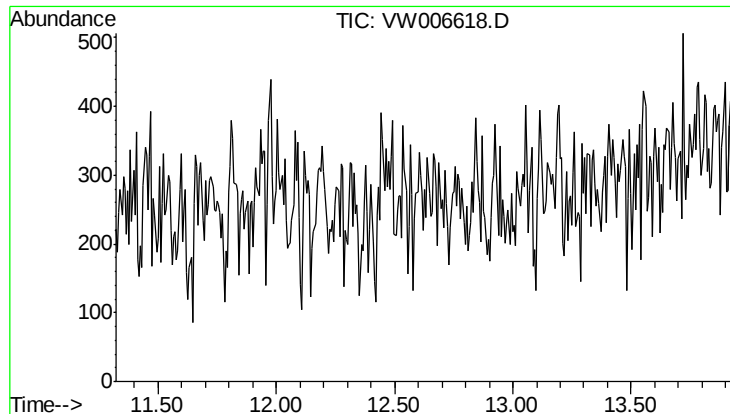
100 0.0 51.6 77.4#



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.62 min

Lab File: VW006618.D

Acq: 02 Nov 2018 22:35

Tgt Ion: 95

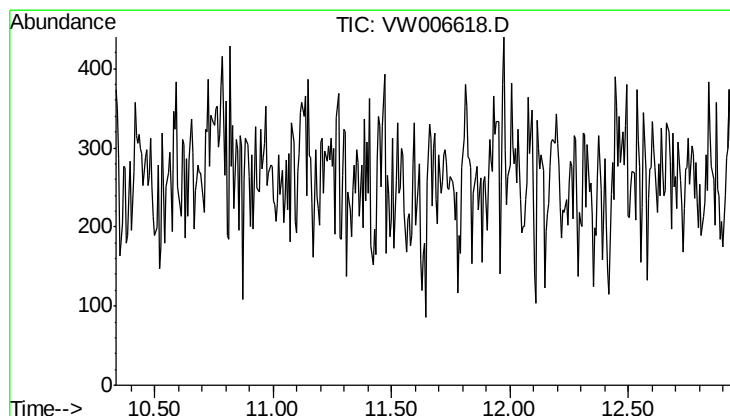
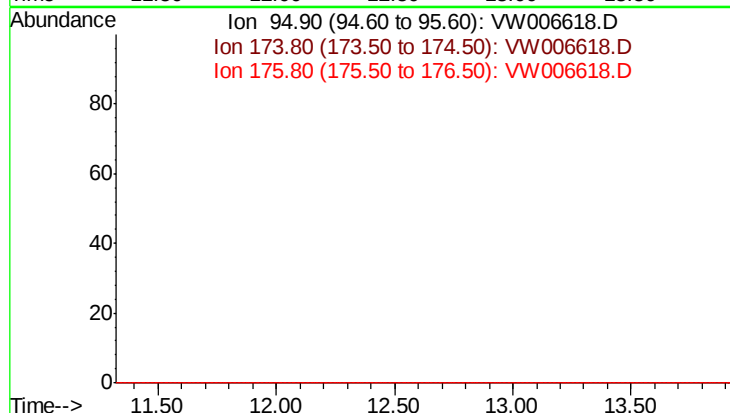
Sig	Exp Ratio
95	100
174	96.2
176	93.7

Instrument :

MSVOA_W

ClientSampleId :

TP-13



#63

Chlorobenzene-d5

Concen: 0.000 ug/l

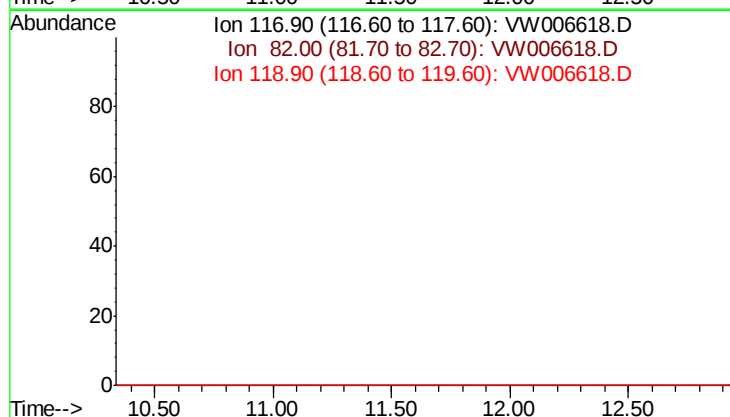
Expected RT: 11.63 min

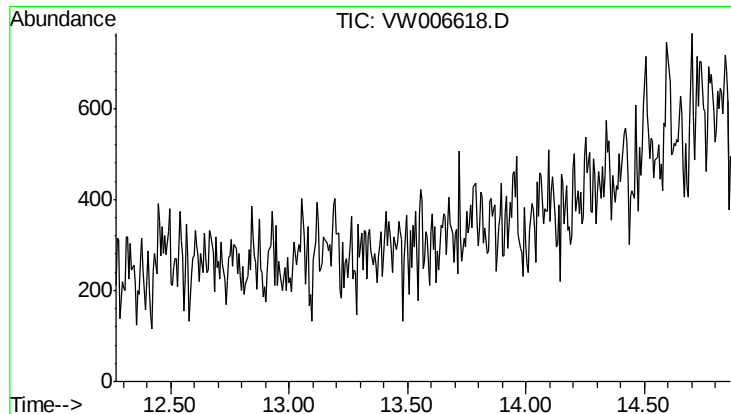
Lab File: VW006618.D

Acq: 02 Nov 2018 22:35

Tgt Ion: 117

Sig	Exp Ratio
117	100
82	51.0
119	32.6





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.57 min
Lab File: VW006618.D
Acq: 02 Nov 2018 22:35

Instrument :
MSVOA_W
ClientSampleId :
TP-13

Tgt Ion:	152
Sig	Exp Ratio
152	100
115	53.2
150	172.3

