

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007567.D
 Acq On : 15 Dec 2018 07:06
 Operator : SY/AP
 Sample : J6391-06
 Misc : 4.66G/5ML/MSVOA_W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS016-0006-01

Quant Time: Dec 15 19:31:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	241	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	58	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-13.56

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		8.31	65	110	88.53	ug/l	0.00
Spiked Amount	50.000			Recovery	=	177.06%	
35) Dibromofluoromethane		7.88	113	63	43.18	ug/l	0.00
Spiked Amount	50.000			Recovery	=	86.36%	
50) Toluene-d8		10.33	98	172	31.44	ug/l	0.00
Spiked Amount	50.000			Recovery	=	62.88%	
62) 4-Bromofluorobenzene		0.00	95	0	0.00	ug/l	
Spiked Amount	50.000			Recovery	=	0.00%	

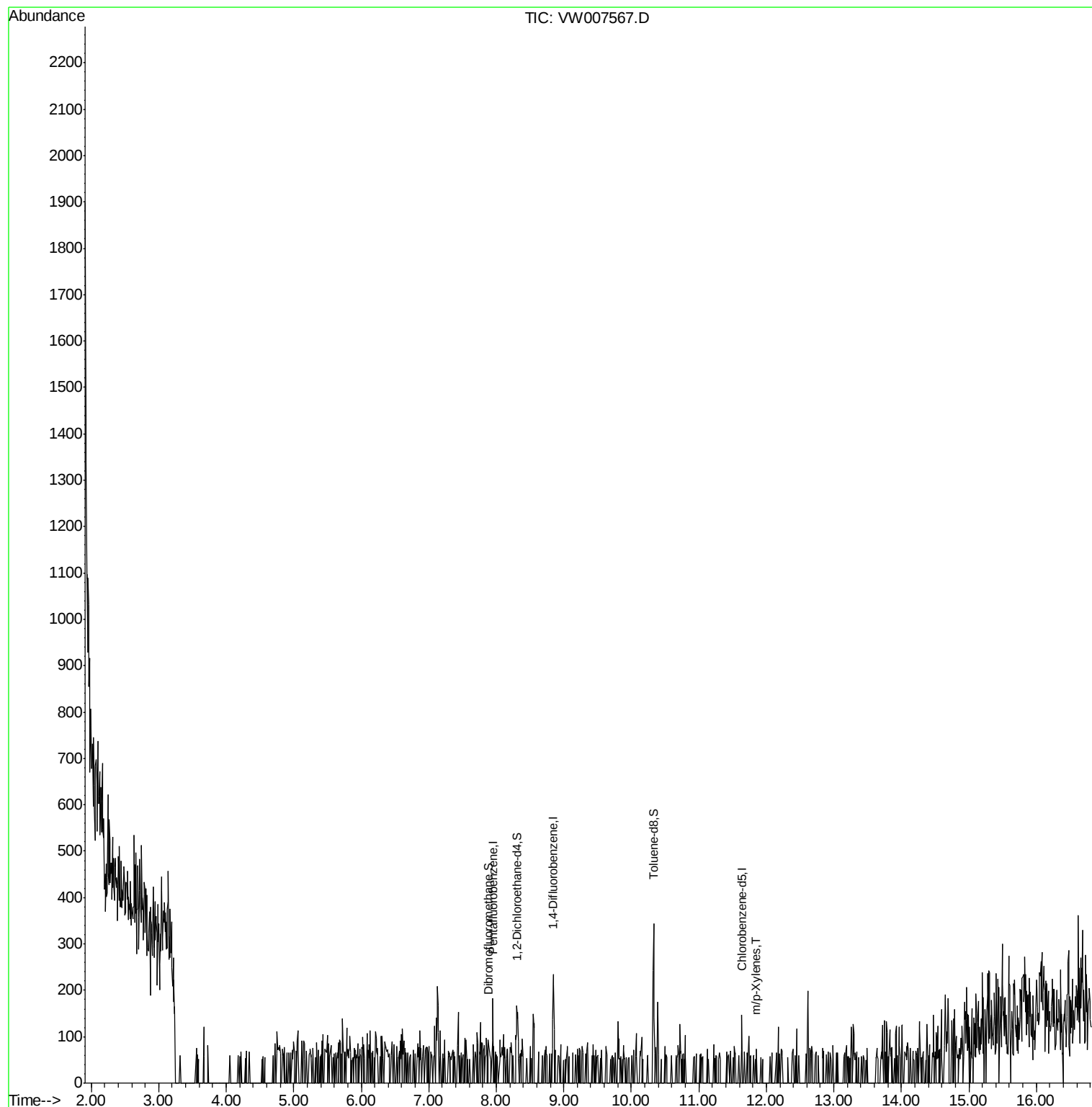
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
68) m/p-Xylenes	11.84	106	19	23.515	ug/l #	1

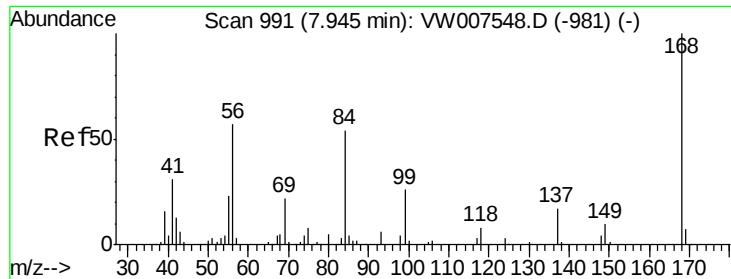
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

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Acq: 15 Dec 2018 07:06

Instrument :

MSVOA_W

ClientSampleId :

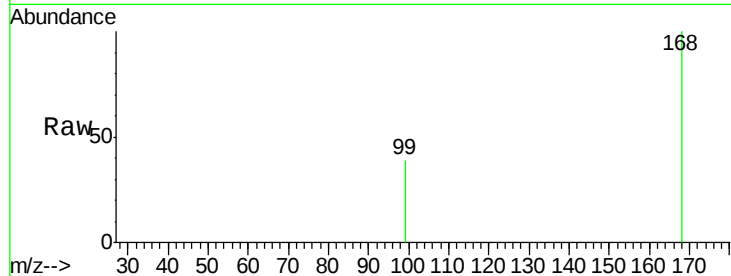
P001-SS016-0006-01

Tgt Ion: 168 Resp: 112

Ion Ratio Lower Upper

168 100

99 38.6 48.3 72.5#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150

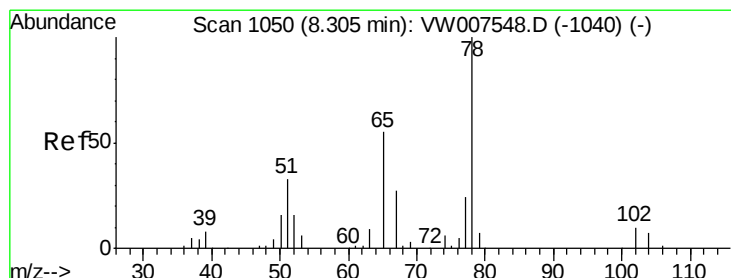
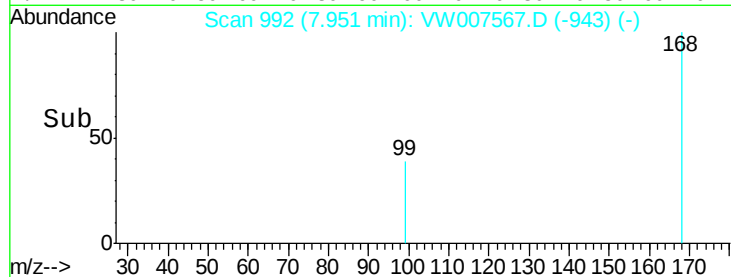
100

50

0

7.92 7.94 7.96 7.98

Time-->



#33

1,2-Dichloroethane-d4

Concen: 88.528 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007567.D

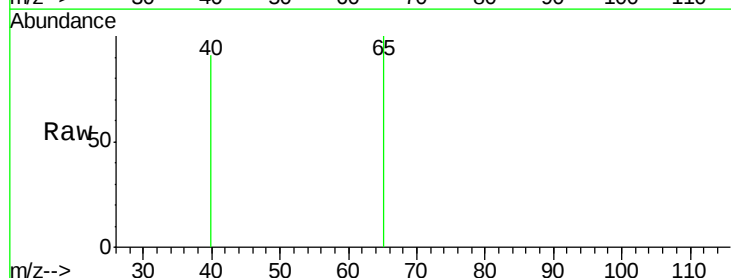
Acq: 15 Dec 2018 07:06

Tgt Ion: 65 Resp: 110

Ion Ratio Lower Upper

65 100

67 0.0 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

100

80

60

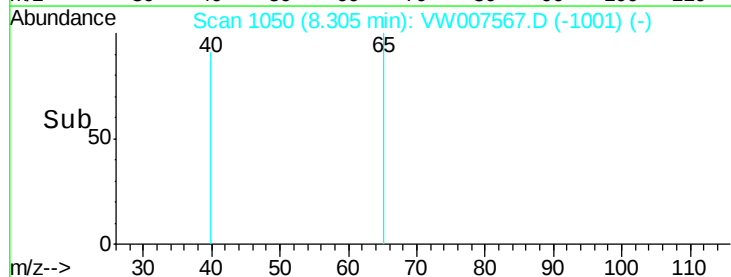
40

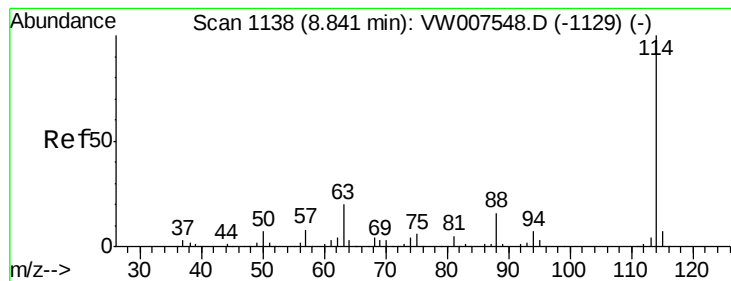
20

0

8.28 8.30 8.32 8.34

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007567.D

Acq: 15 Dec 2018 07:06

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01

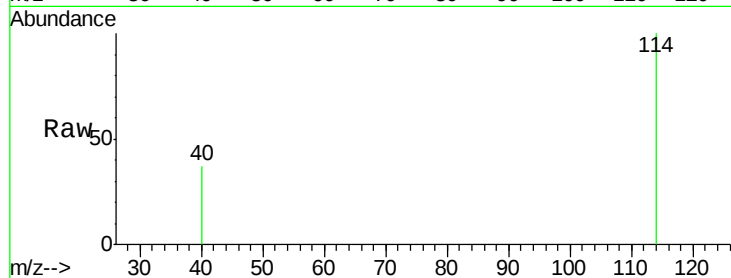
Tgt Ion:114 Resp: 241

Ion Ratio Lower Upper

114 100

63 0.0 0.0 39.6

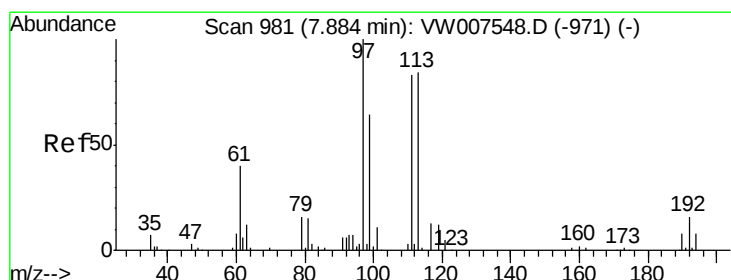
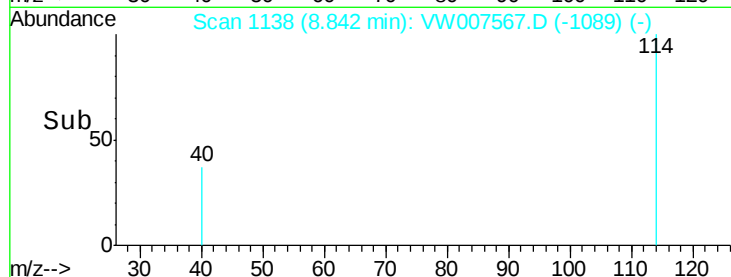
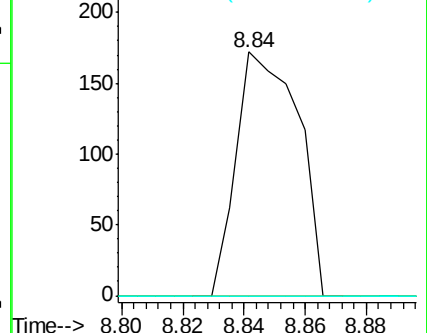
88 0.0 0.0 31.4



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: 43.184 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007567.D

Acq: 15 Dec 2018 07:06

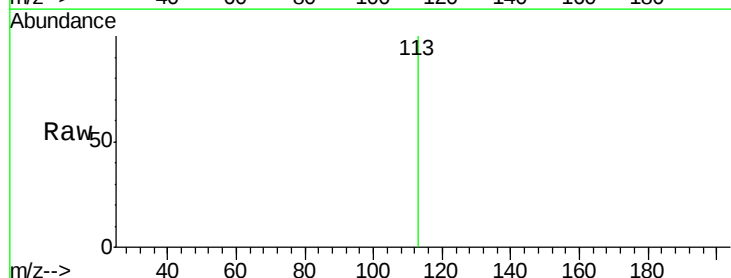
Tgt Ion:113 Resp: 63

Ion Ratio Lower Upper

113 100

111 0.0 81.1 121.7#

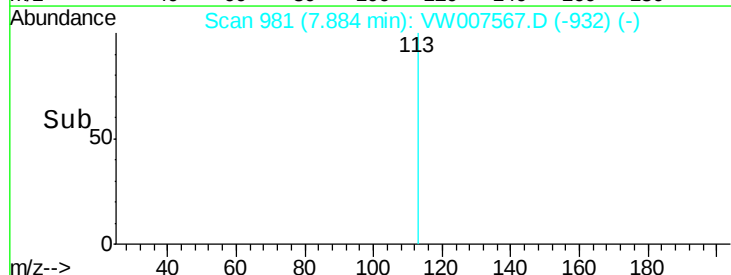
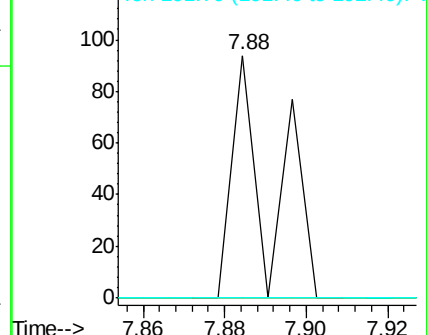
192 0.0 14.6 21.8#

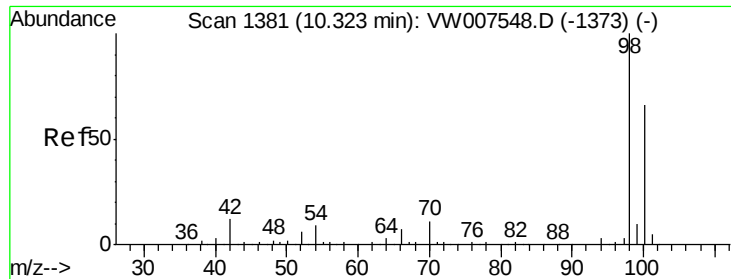


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 31.445 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW007567.D

Acq: 15 Dec 2018 07:06

Instrument :

MSVOA_W

ClientSampleId :

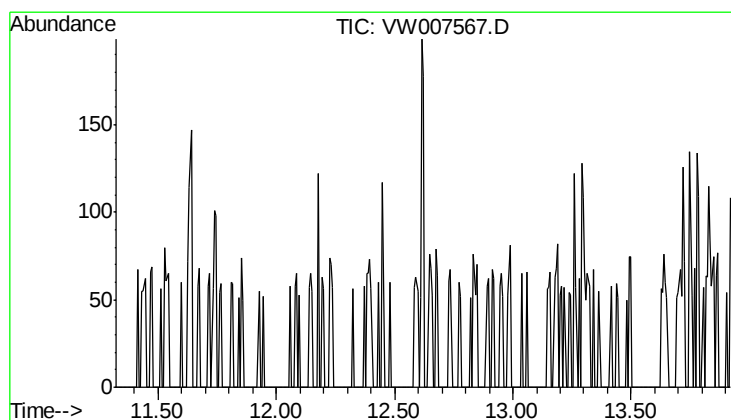
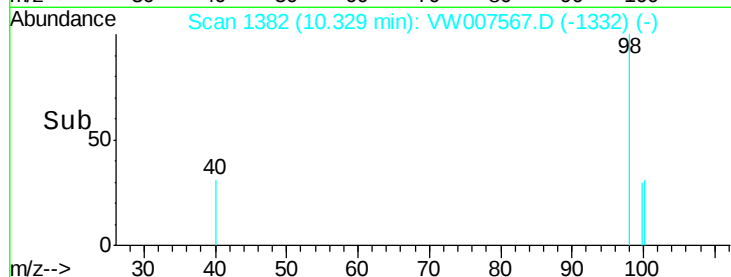
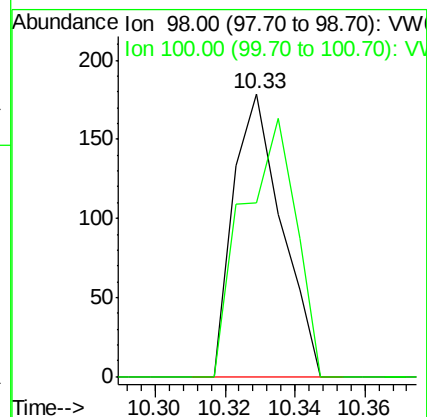
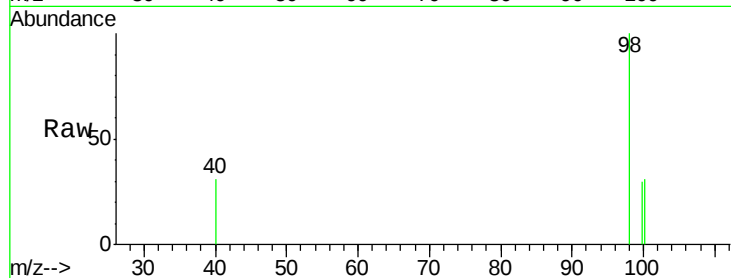
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Tgt Ion: 98 Resp: 172

Ion Ratio Lower Upper

98 100

100 100.0 51.8 77.8#



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.62 min

Lab File: VW007567.D

Acq: 15 Dec 2018 07:06

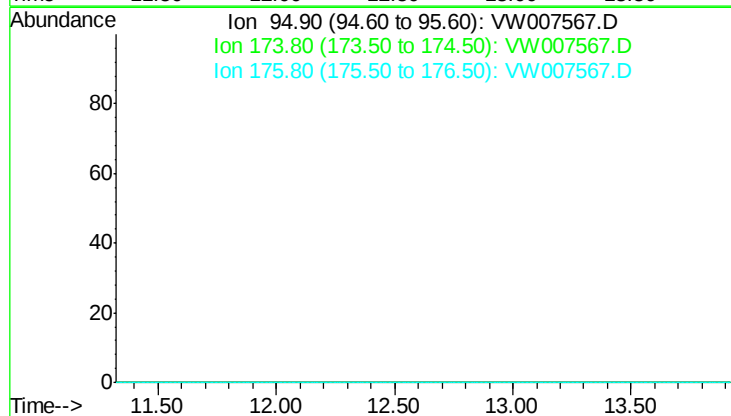
Tgt Ion: 95

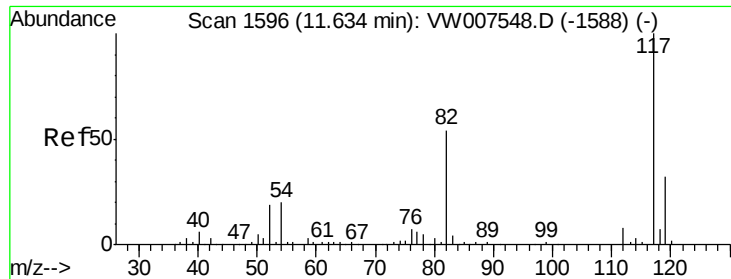
Sig Exp Ratio

95 100

174 73.6

176 69.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.01 min

Lab File: VW007567.D

Acq: 15 Dec 2018 07:06

Instrument :

MSVOA_W

ClientSampleId :

P001-SS016-0006-01

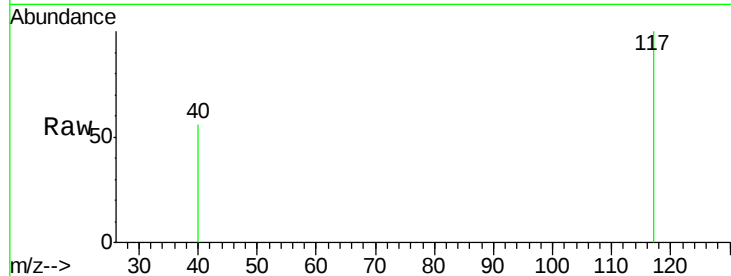
Tgt Ion:117 Resp: 58

Ion Ratio Lower Upper

117 100

82 0.0 42.3 63.5#

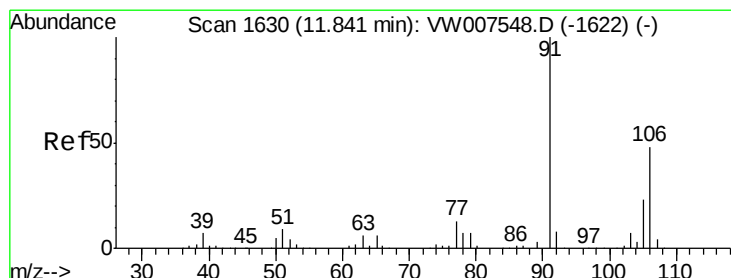
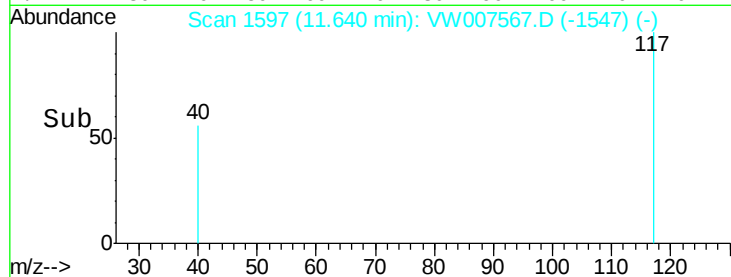
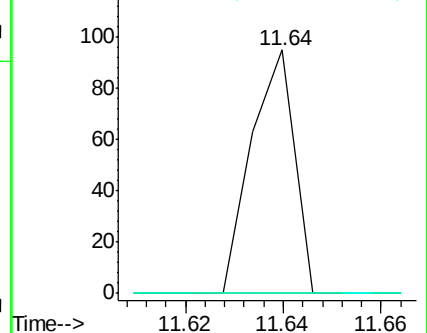
119 0.0 23.0 34.6#



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#68

m/p-Xylenes

Concen: 23.515 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW007567.D

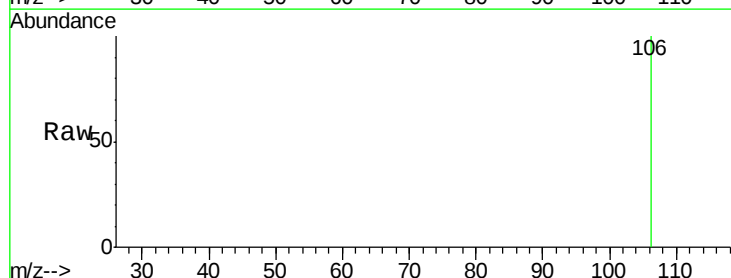
Acq: 15 Dec 2018 07:06

Tgt Ion:106 Resp: 19

Ion Ratio Lower Upper

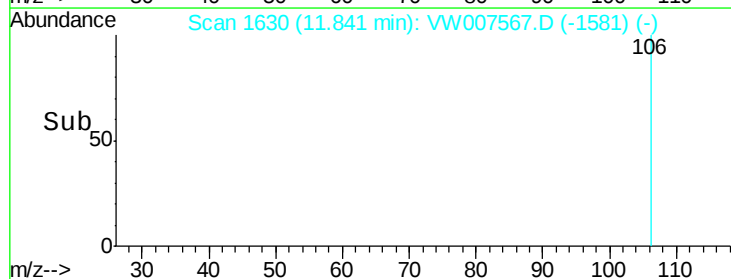
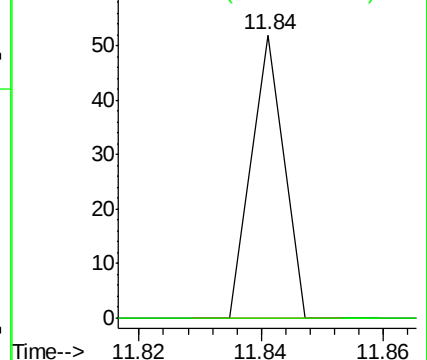
106 100

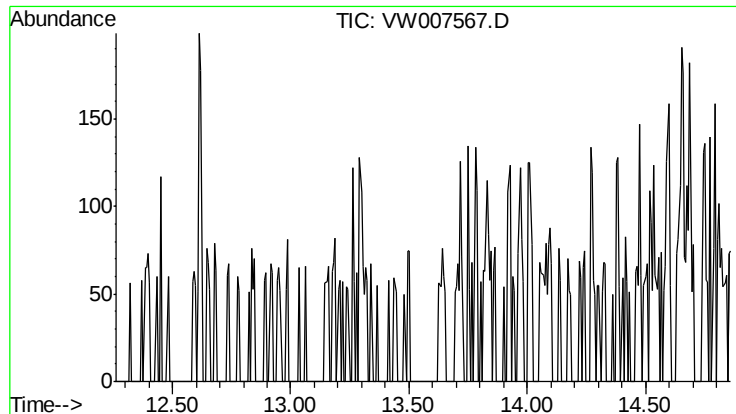
91 0.0 165.3 247.9#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#72

1,4-Dichlorobenzene-d4

Concen: 0.000 ug/l

Expected RT: 13.56 min

Lab File: VW007567.D

Acq: 15 Dec 2018 07:06

Instrument :

MSVOA_W

ClientSampleId :

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Tgt Ion: 152

Sig Exp Ratio

152 100

115 62.8

150 179.2

