

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120518\
 Data File : VW007274.D
 Acq On : 06 Dec 2018 11:44
 Operator : SY/AP
 Sample : J6214-09
 Misc : 4.52G/5ML/MSVOA_W/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4(0-2)

Quant Time: Dec 06 13:07:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	44662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	62095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	32489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	5885	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	25812	62.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.14%	
35) Dibromofluoromethane	7.89	113	22092	62.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.26%	
50) Toluene-d8	10.32	98	57974	37.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.04%	
62) 4-Bromofluorobenzene	12.62	95	9364	15.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	31.68%	

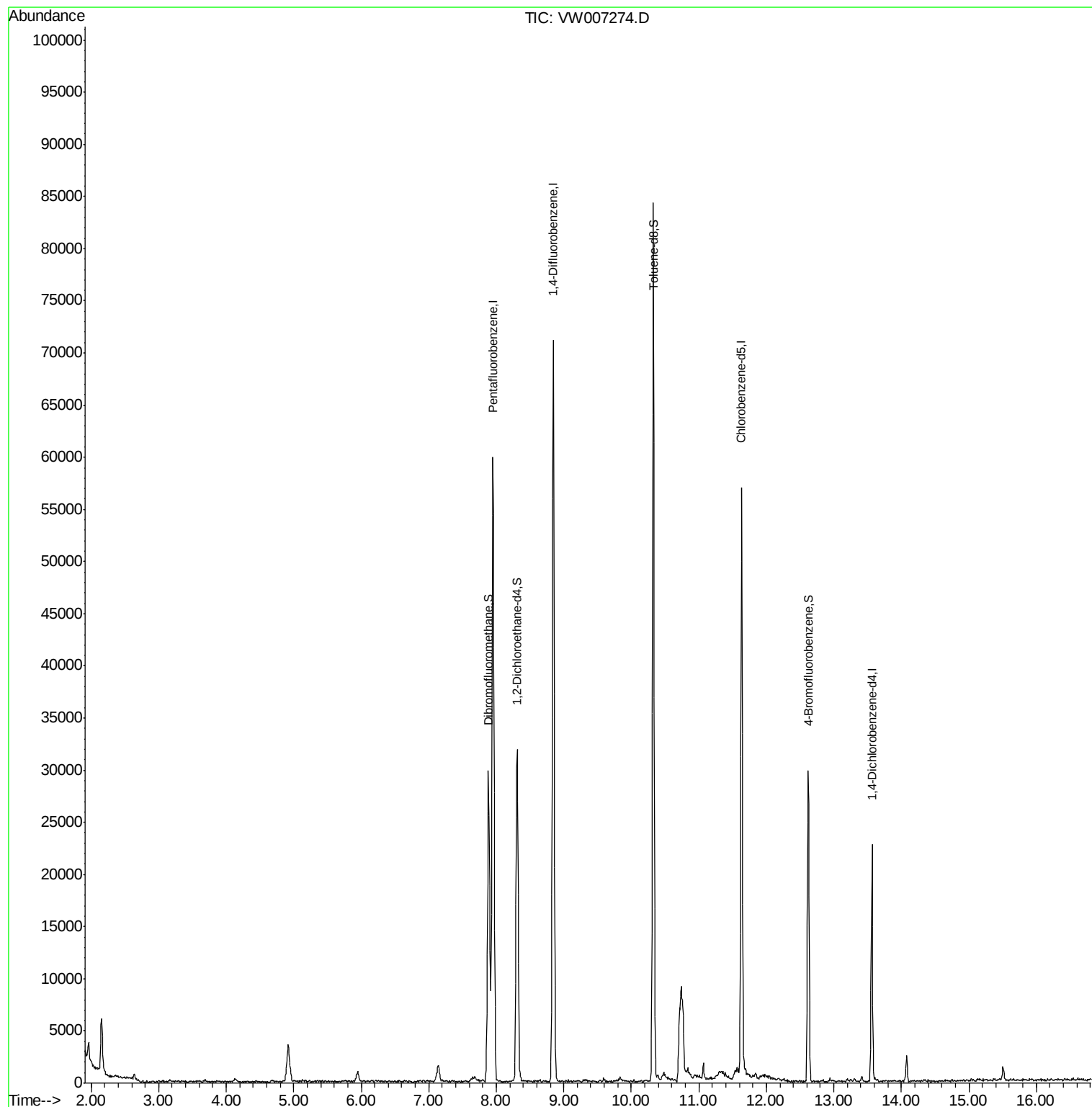
Target Compounds	Qvalue

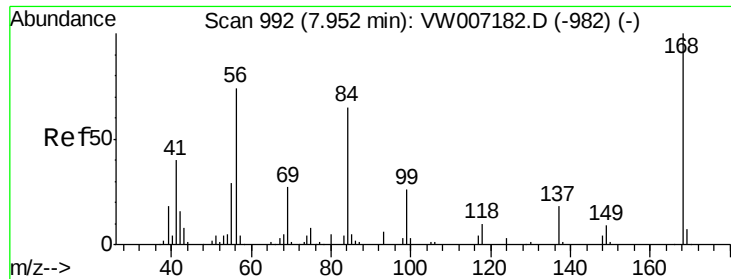
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007274.D

Acq: 06 Dec 2018 11:44

Instrument :

MSVOA_W

ClientSampleId :

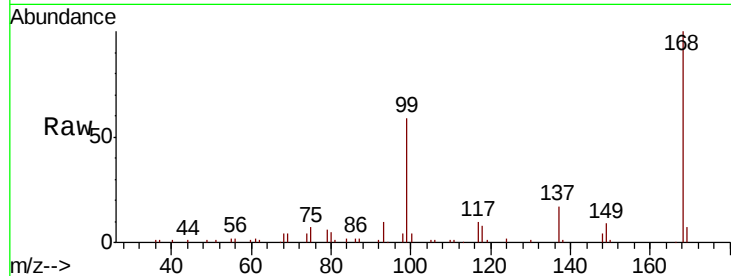
SB-4(0-2)

Tgt Ion: 168 Resp: 44662

Ion Ratio Lower Upper

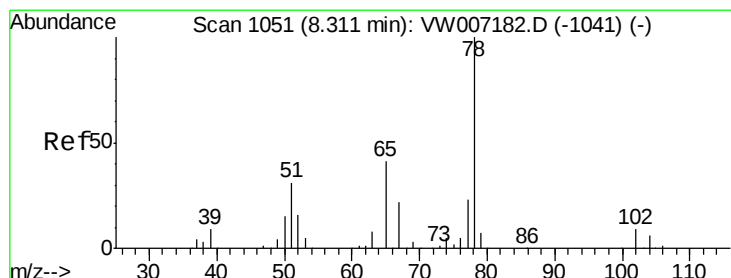
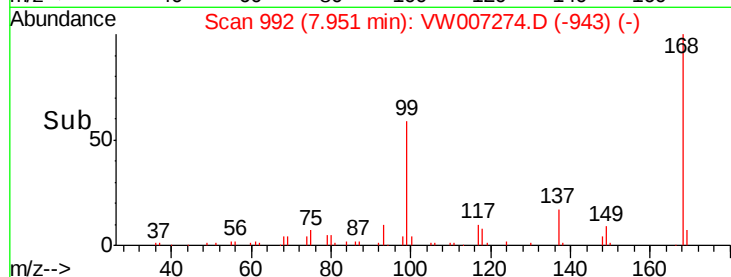
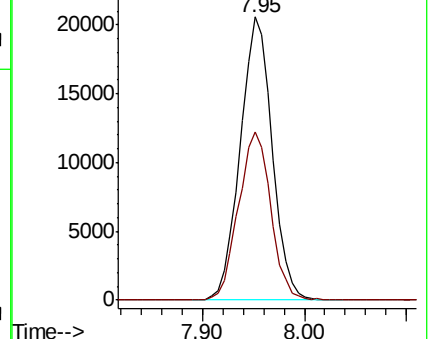
168 100

99 59.3 47.8 71.8



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: 62.075 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW007274.D

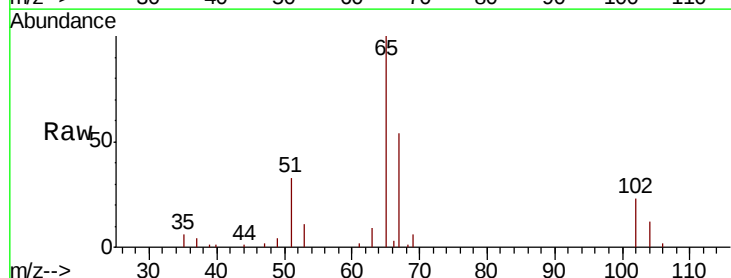
Acq: 06 Dec 2018 11:44

Tgt Ion: 65 Resp: 25812

Ion Ratio Lower Upper

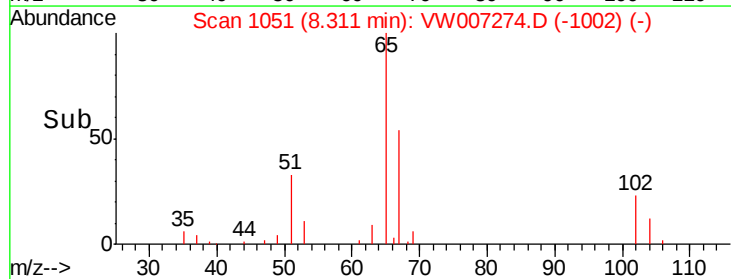
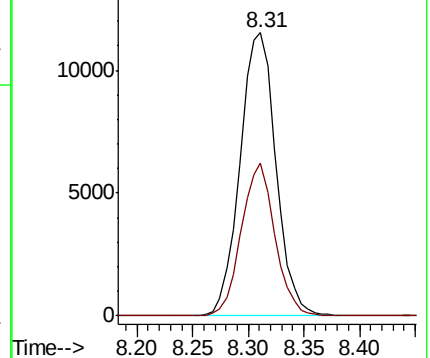
65 100

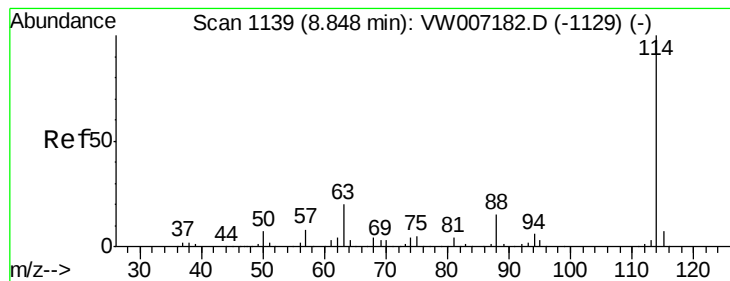
67 50.3 0.0 106.4



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: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW007274.D

Acq: 06 Dec 2018 11:44

Instrument :

MSVOA_W

ClientSampleId :

SB-4(0-2)

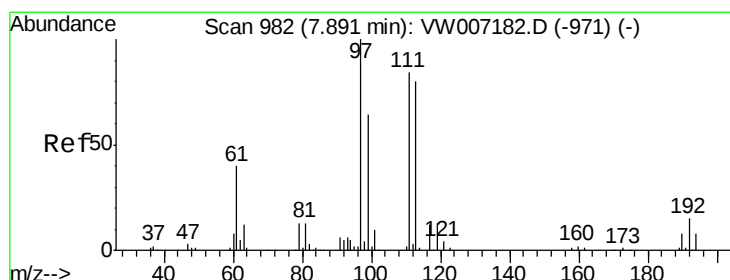
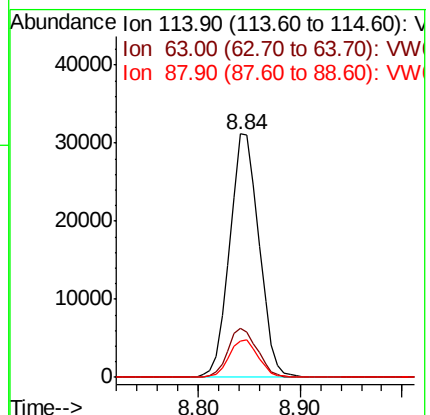
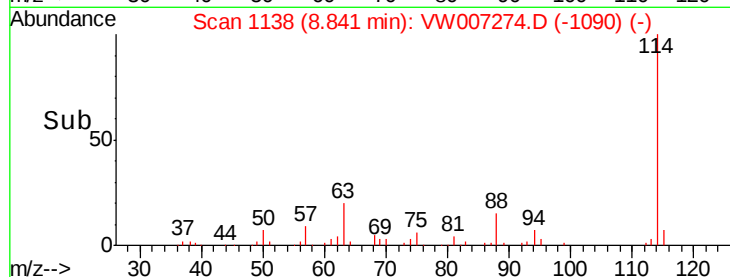
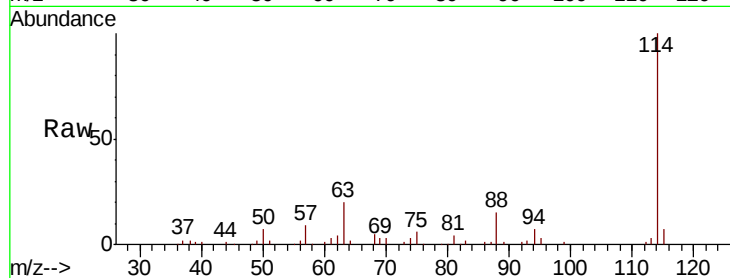
Tgt Ion:114 Resp: 62095

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.2

88 15.0 0.0 30.0



#35

Dibromofluoromethane

Concen: 62.134 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW007274.D

Acq: 06 Dec 2018 11:44

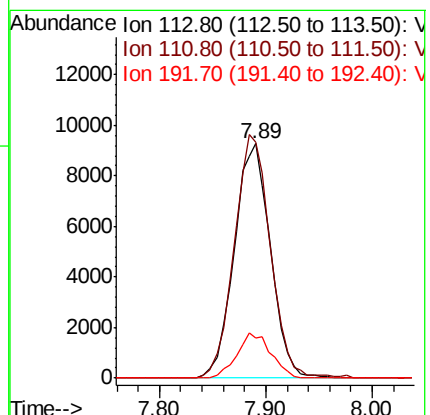
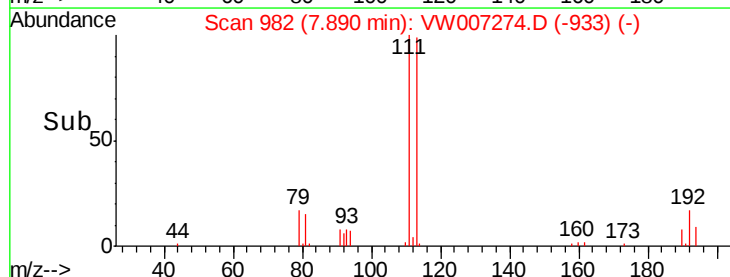
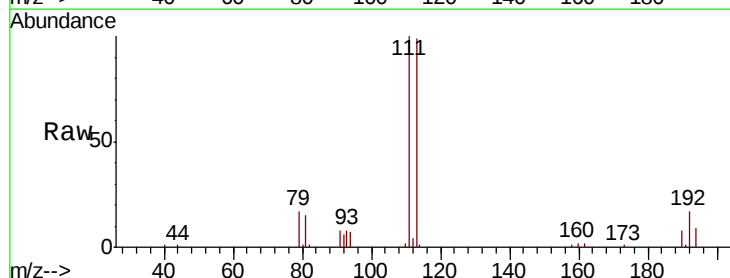
Tgt Ion:113 Resp: 22092

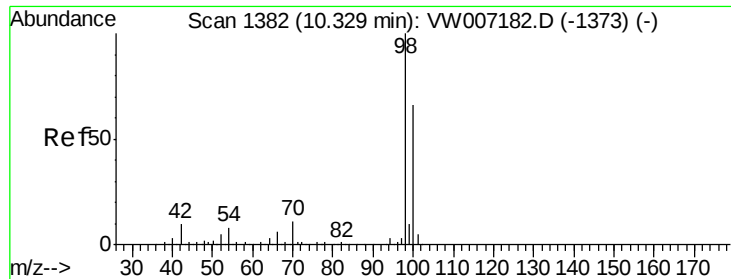
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 18.0 14.4 21.6





#50

Toluene-d8

Concen: 37.015 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007274.D

Acq: 06 Dec 2018 11:44

Instrument :

MSVOA_W

ClientSampleId :

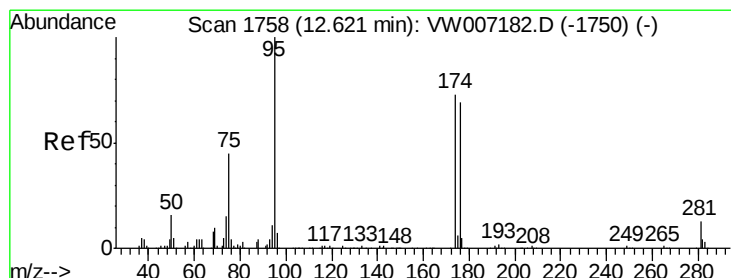
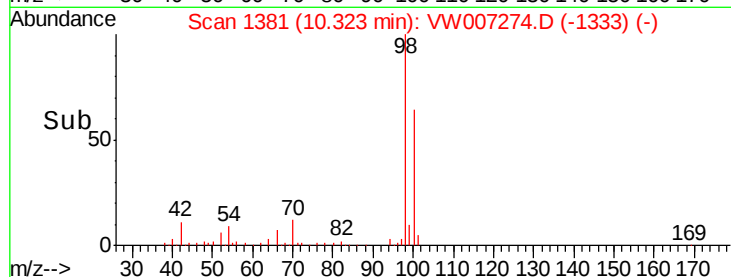
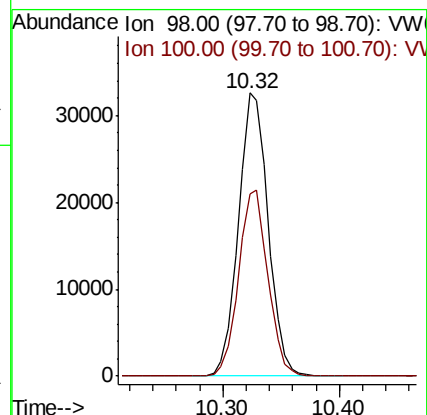
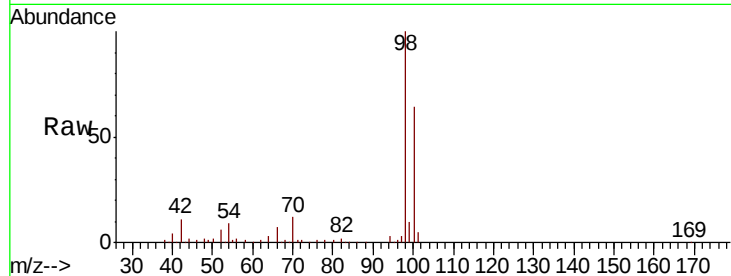
SB-4(0-2)

Tgt Ion: 98 Resp: 57974

Ion Ratio Lower Upper

98 100

100 64.5 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 15.840 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007274.D

Acq: 06 Dec 2018 11:44

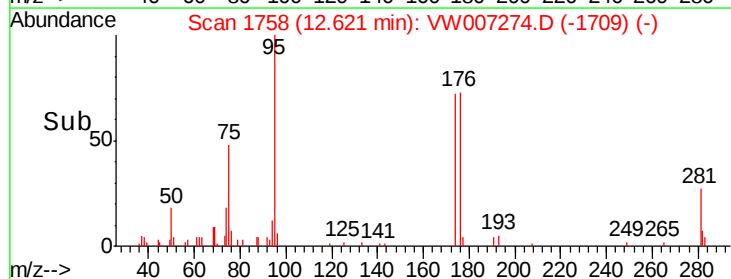
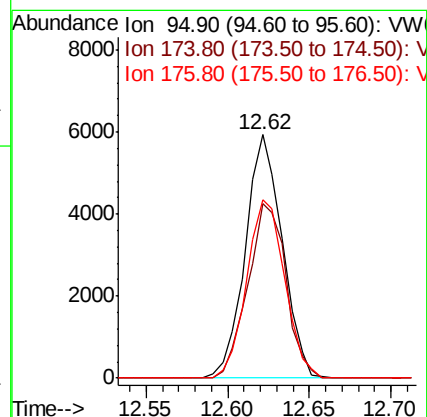
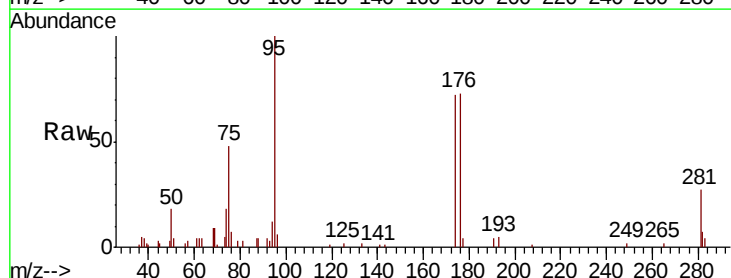
Tgt Ion: 95 Resp: 9364

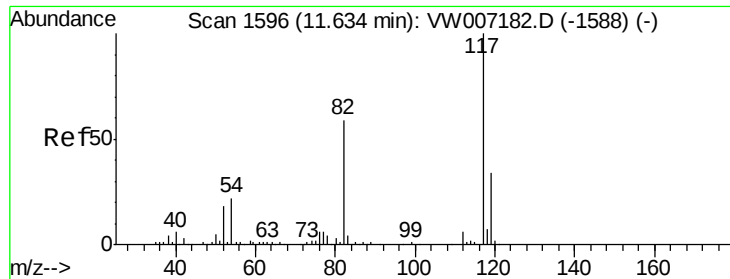
Ion Ratio Lower Upper

95 100

174 73.8 0.0 148.0

176 75.5 0.0 139.4

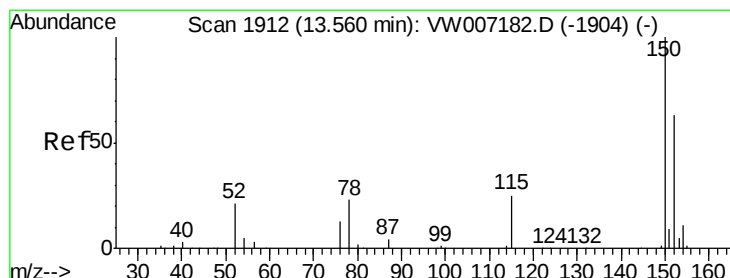
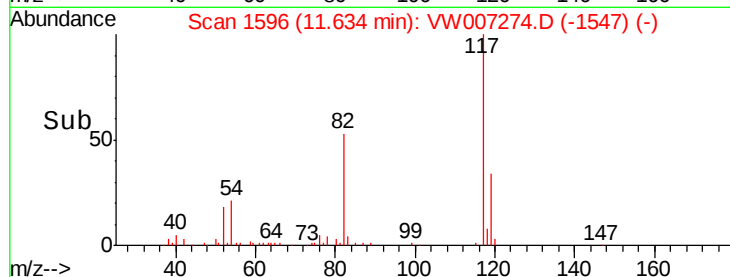
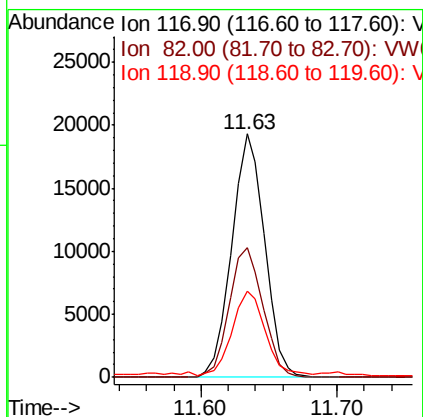
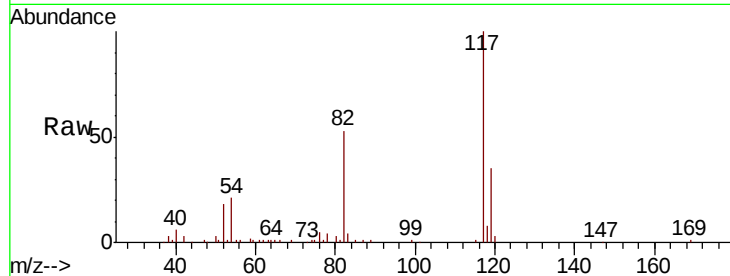




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007274.D
Acq: 06 Dec 2018 11:44

Instrument :
MSVOA_W
ClientSampleId :
SB-4(0-2)

Tgt Ion:117 Resp: 32489
Ion Ratio Lower Upper
117 100
82 53.2 47.4 71.2
119 33.3 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007274.D
Acq: 06 Dec 2018 11:44

Tgt Ion:152 Resp: 5885
Ion Ratio Lower Upper
152 100
115 62.2 31.3 93.8
150 165.9 0.0 358.0

