

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011119\
 Data File : VW008227.D
 Acq On : 12 Jan 2019 08:01
 Operator : SY/VA
 Sample : K1122-01
 Misc : 6.06G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-11(17-17.5)

Quant Time: Jan 14 10:37:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

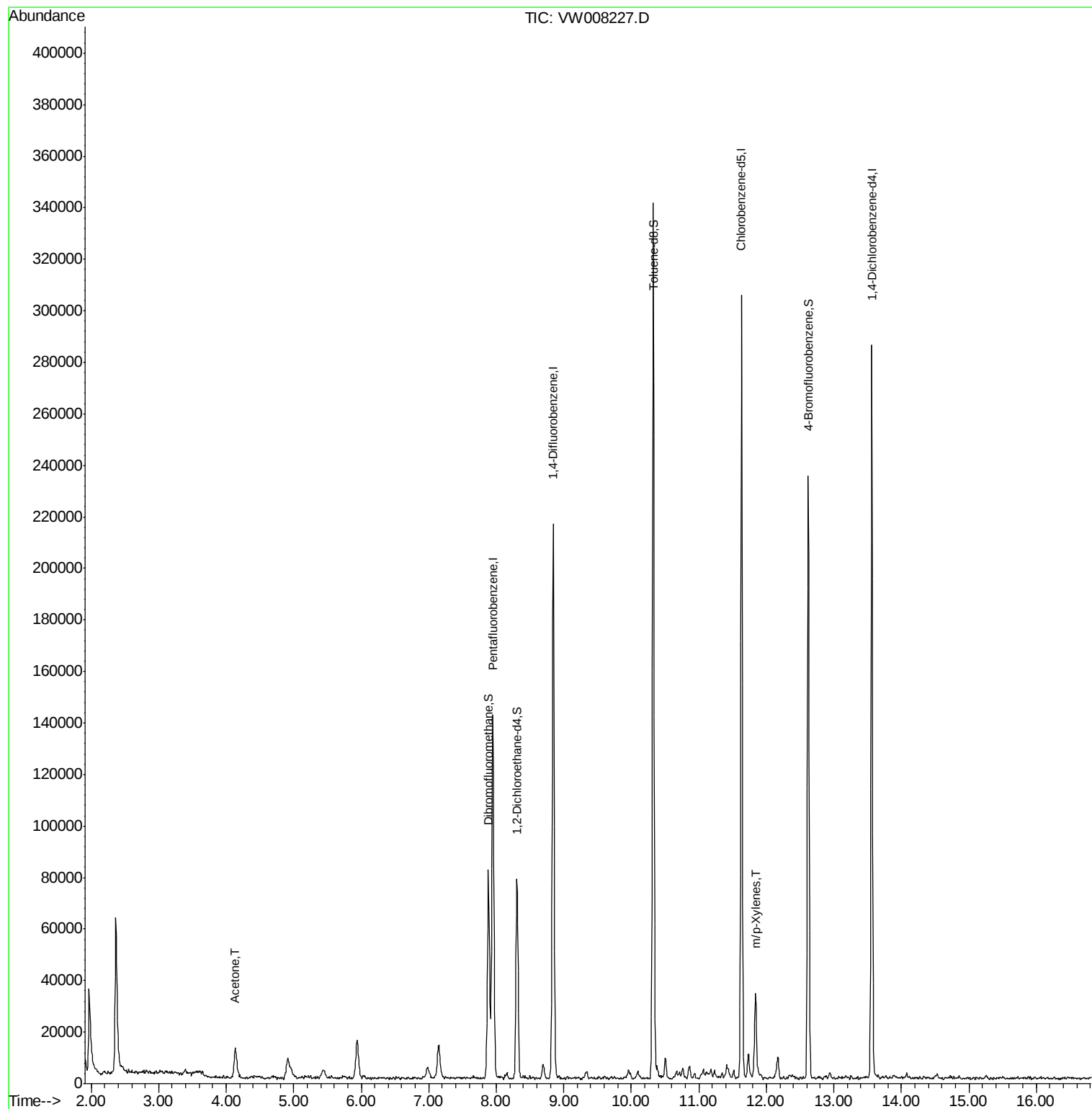
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	103159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	182115	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	163860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	73674	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	57316	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
35) Dibromofluoromethane	7.88	113	56250	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
50) Toluene-d8	10.32	98	226486	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.62	95	75638	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
Target Compounds						
16) Acetone	4.13	43	21036	87.162	ug/l	98
68) m/p-Xylenes	11.84	106	8170	3.370	ug/l	100

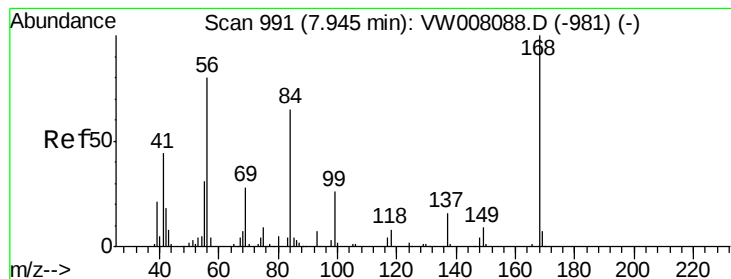
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008227.D

Acq: 12 Jan 2019 08:01

Instrument :

MSVOA_W

ClientSampleId :

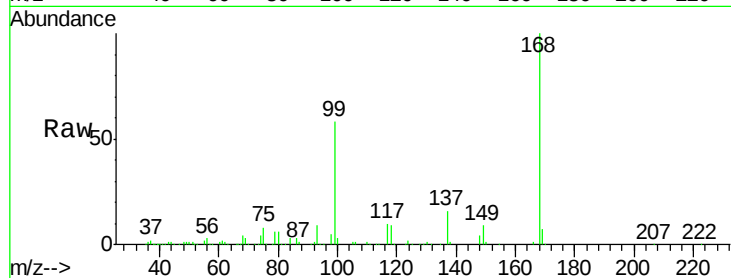
SB-1I(17-17.5)

Tot Ion:168 Resp: 103159

Ion Ratio Lower Upper

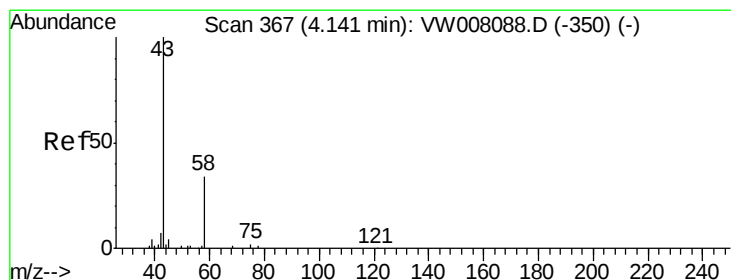
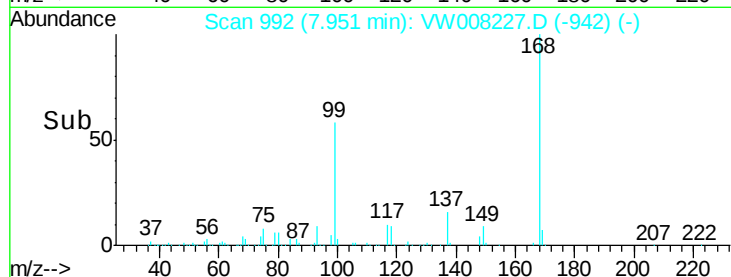
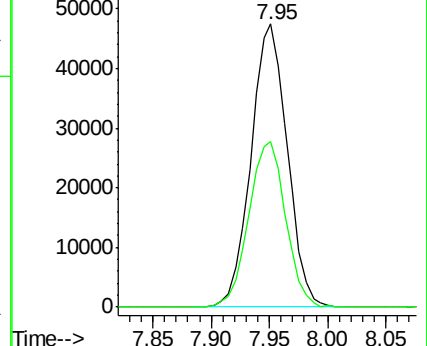
168 100

99 58.3 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 87.162 ug/l

RT: 4.13 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008227.D

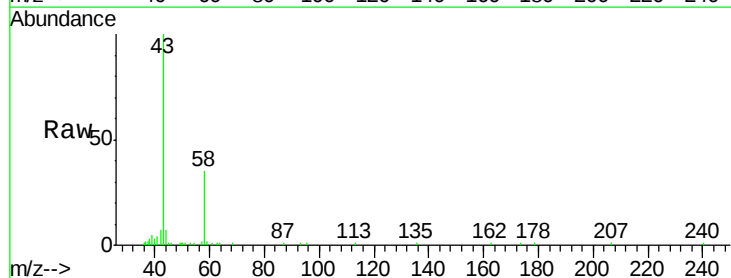
Acq: 12 Jan 2019 08:01

Tgt Ion: 43 Resp: 21036

Ion Ratio Lower Upper

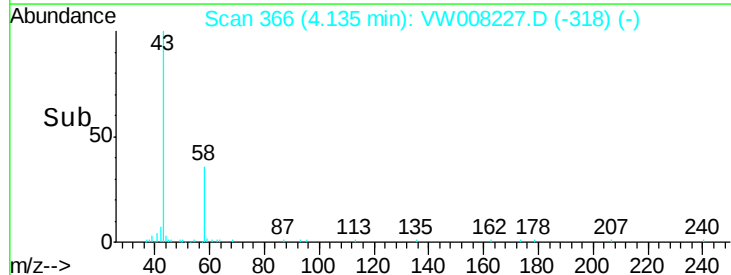
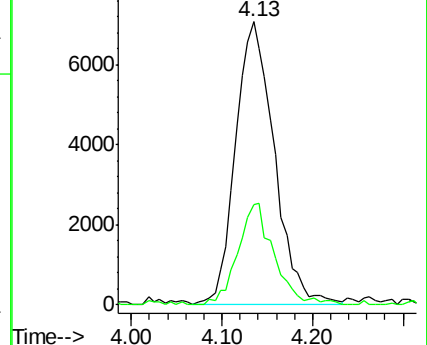
43 100

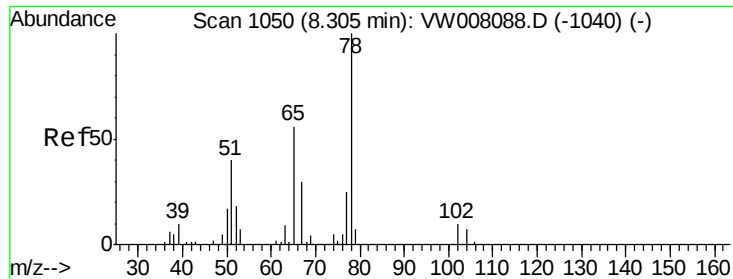
58 35.5 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#33

1,2-Dichloroethane-d4

Concen: 49.435 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008227.D

Acq: 12 Jan 2019 08:01

Instrument :

MSVOA_W

ClientSampleId :

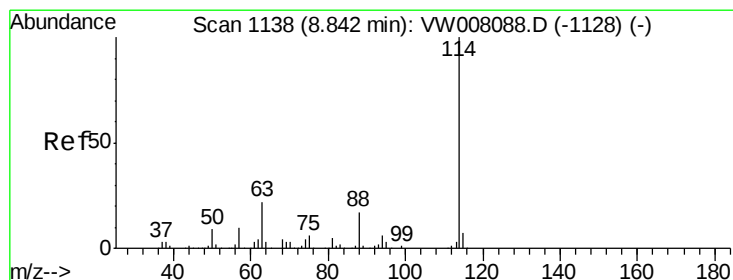
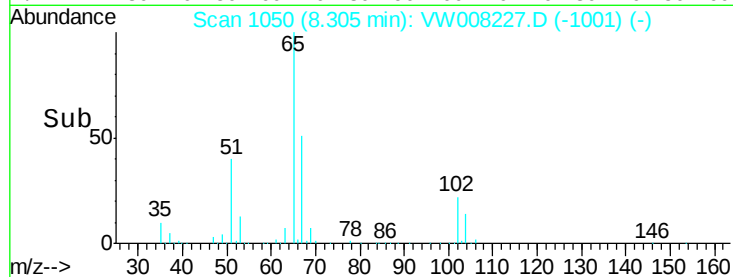
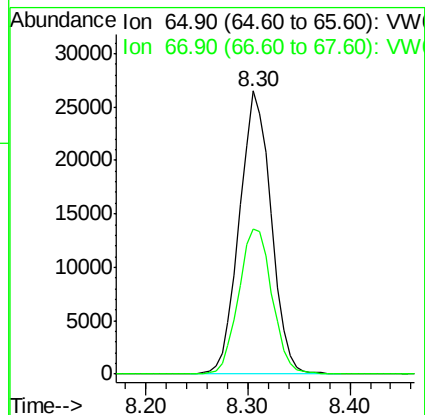
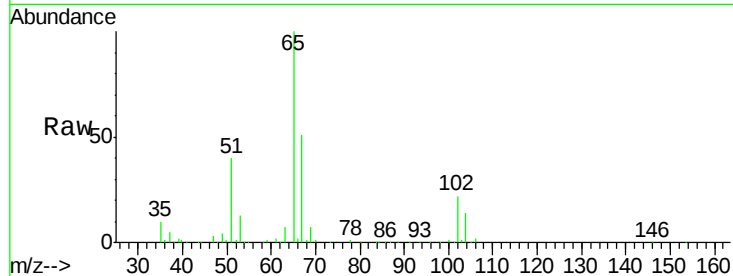
SB-1I(17-17.5)

Tot Ion: 65 Resp: 57316

Ion Ratio Lower Upper

65 100

67 54.0 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008227.D

Acq: 12 Jan 2019 08:01

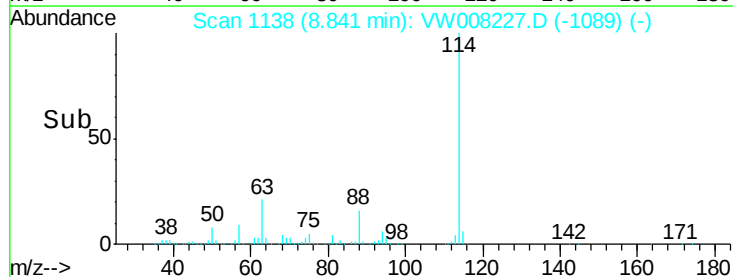
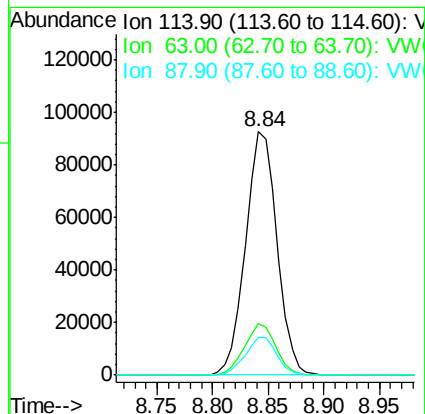
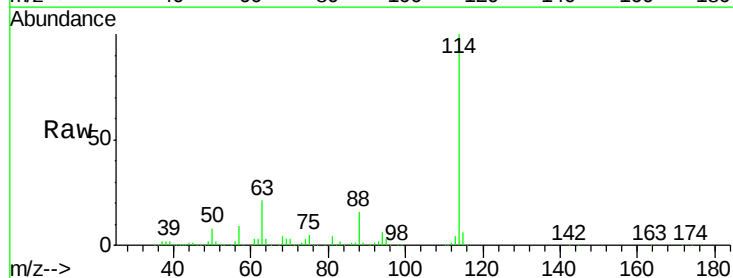
Tgt Ion: 114 Resp: 182115

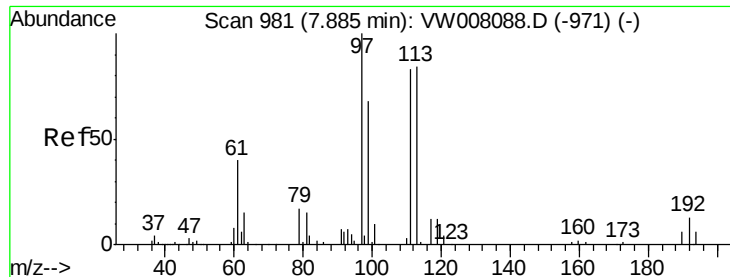
Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.4

88 15.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 52.958 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008227.D

Acq: 12 Jan 2019 08:01

Instrument :

MSVOA_W

ClientSampleId :

SB-11(17-17.5)

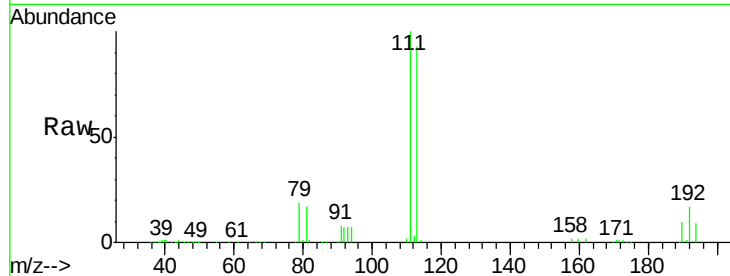
Tot Ion:113 Resp: 56250

Ion Ratio Lower Upper

113 100

111 104.5 81.8 122.8

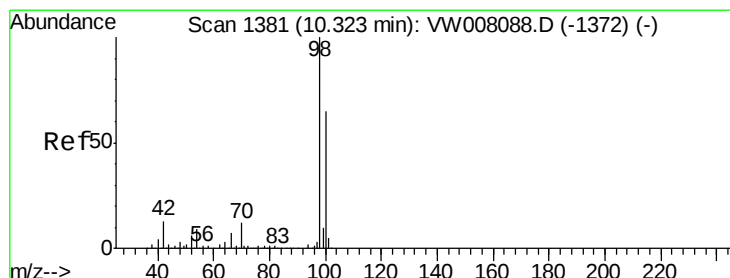
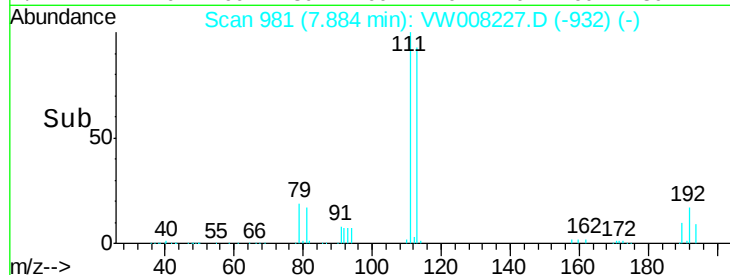
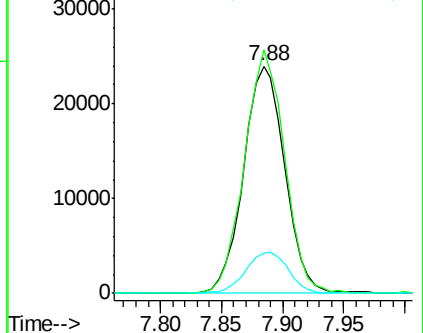
192 18.7 12.8 19.2



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: 50.813 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008227.D

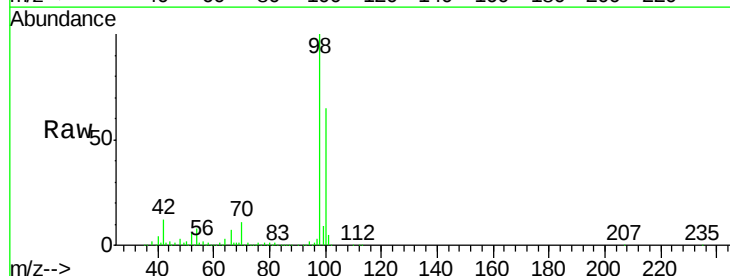
Acq: 12 Jan 2019 08:01

Tgt Ion: 98 Resp: 226486

Ion Ratio Lower Upper

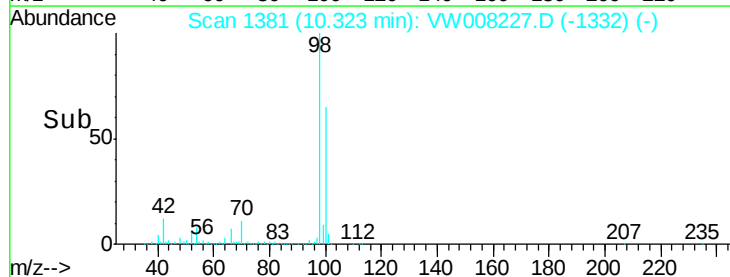
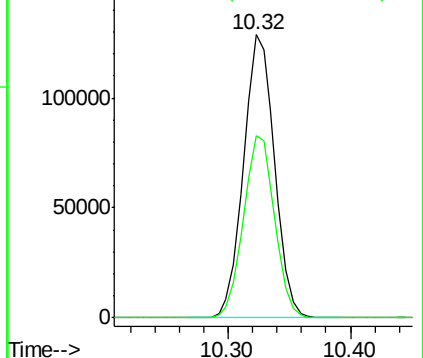
98 100

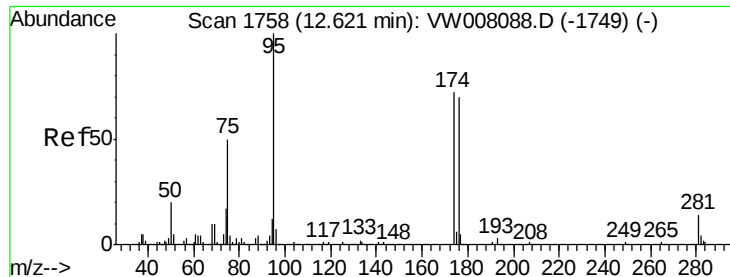
100 64.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 47.335 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008227.D

Acq: 12 Jan 2019 08:01

Instrument :

MSVOA_W

ClientSampleId :

SB-1I(17-17.5)

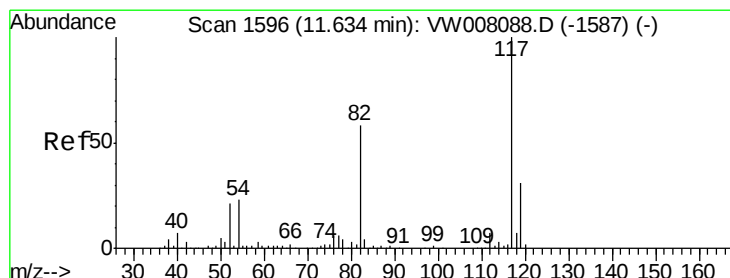
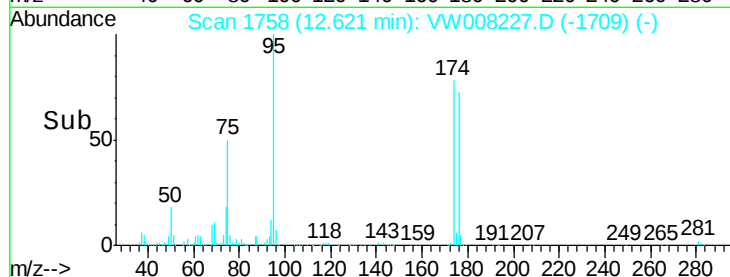
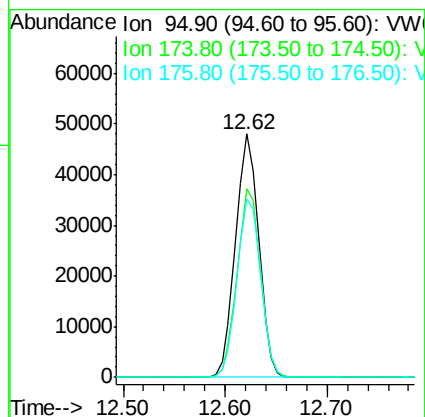
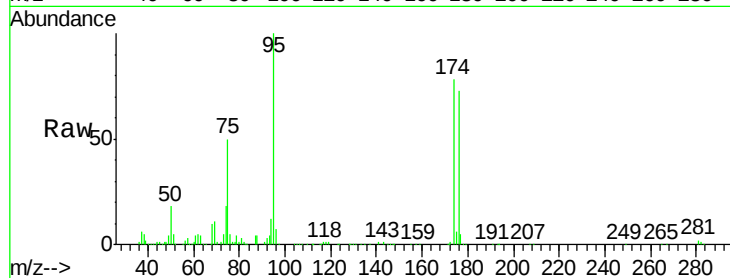
Tot Ion: 95 Resp: 75638

Ion Ratio Lower Upper

95 100

174 77.6 0.0 143.0

176 75.1 0.0 140.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW008227.D

Acq: 12 Jan 2019 08:01

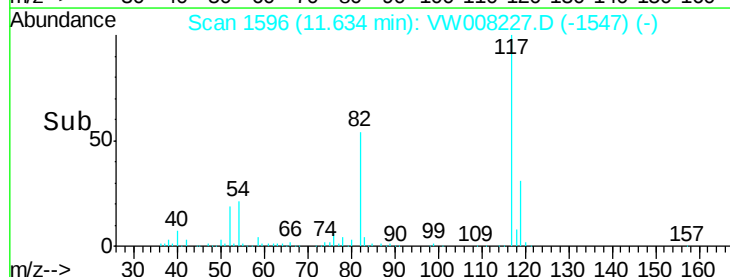
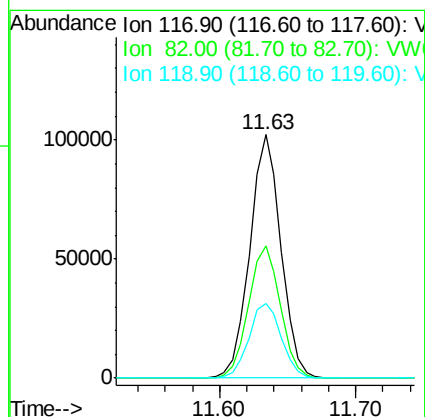
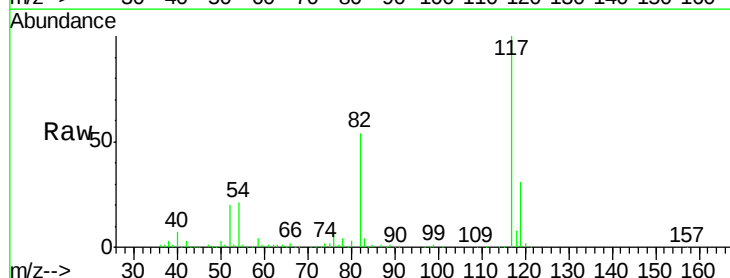
Tgt Ion: 117 Resp: 163860

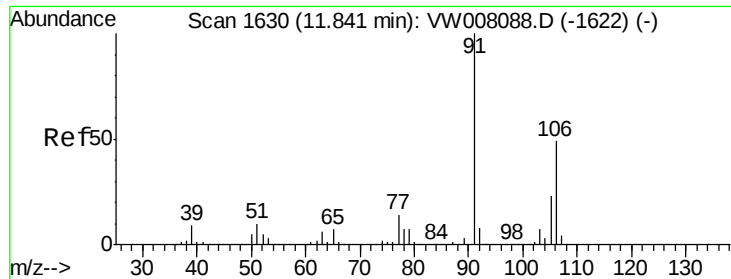
Ion Ratio Lower Upper

117 100

82 54.3 46.4 69.6

119 30.7 24.7 37.1

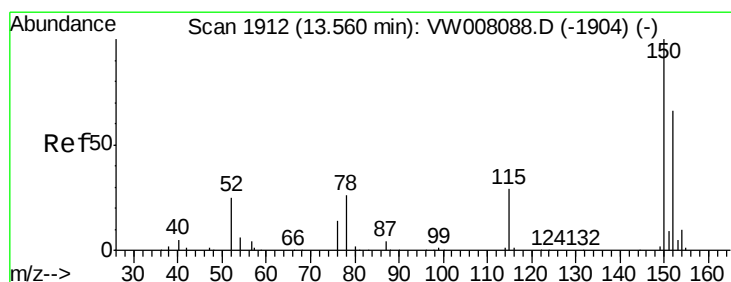
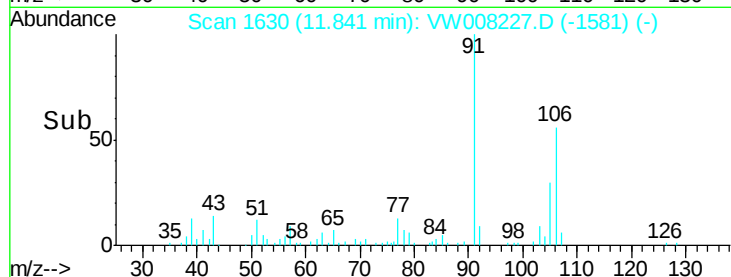
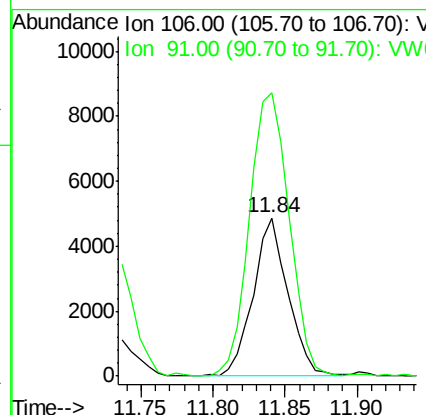
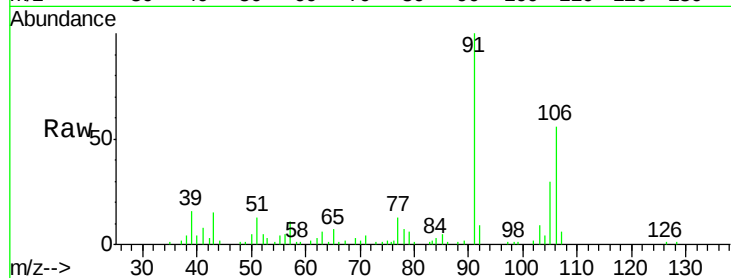




#68
m/p-Xvlenes
Concen: 3.370 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008227.D
Acq: 12 Jan 2019 08:01

Instrument :
MSVOA_W
ClientSampleId :
SB-11(17-17.5)

Tot Ion:106 Resp: 8170
Ion Ratio Lower Upper
106 100
91 202.9 162.4 243.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008227.D
Acq: 12 Jan 2019 08:01

Tgt Ion:152 Resp: 73674
Ion Ratio Lower Upper
152 100
115 60.2 30.8 92.4
150 157.9 0.0 350.2

