

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021819\
 Data File : VW008735.D
 Acq On : 18 Feb 2019 18:13
 Operator : SY/VA
 Sample : K1518-09
 Misc : 6.64G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CABLE-BRIDGE-FOUNDATION-D-5

Quant Time: Feb 19 04:10:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

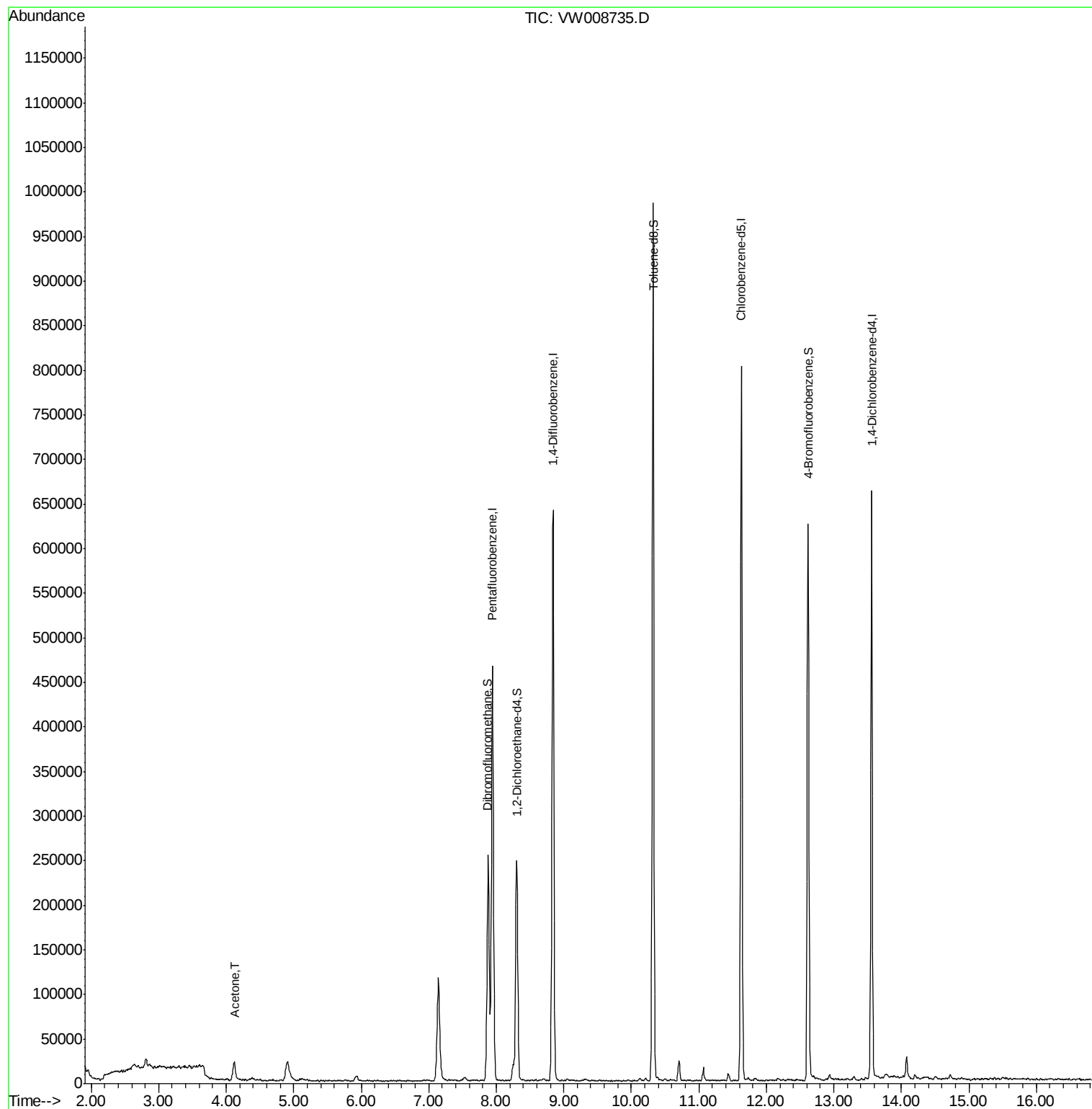
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	354874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	528625	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	437938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	165732	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	188883	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
35) Dibromofluoromethane	7.88	113	170067	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
50) Toluene-d8	10.32	98	616647	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
62) 4-Bromofluorobenzene	12.62	95	186128	39.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.10%	
Target Compounds						
16) Acetone	4.12	43	36104	43.004	ug/l	Qvalue 97

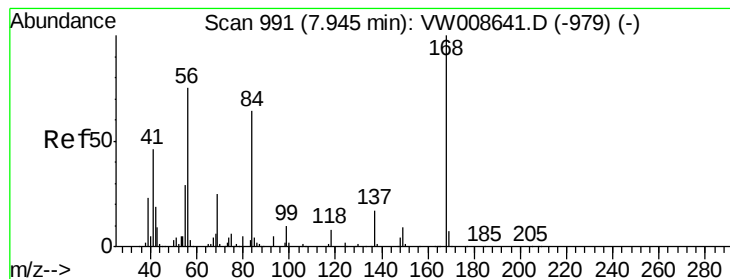
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008735.D

Acq: 18 Feb 2019 18:13

Instrument :

MSVOA_W

ClientSampleId :

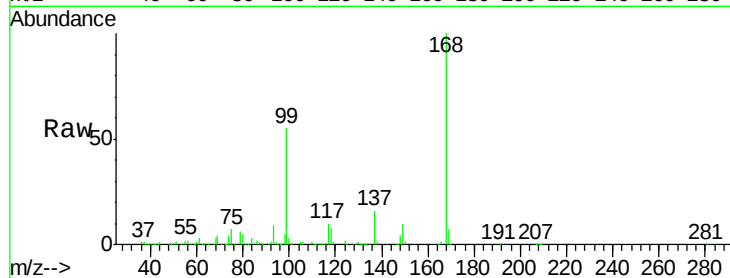
CABLE-BRIDGE-FOUNDATION-D-5

Tot Ion:168 Resp: 354874

Ion Ratio Lower Upper

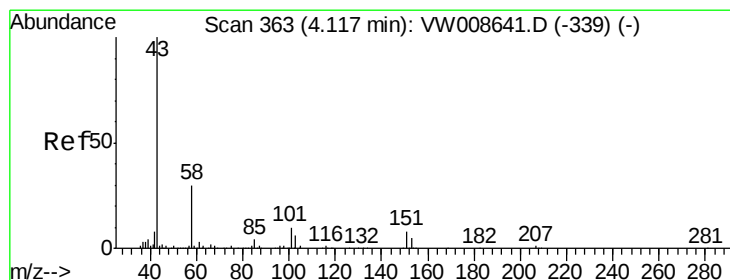
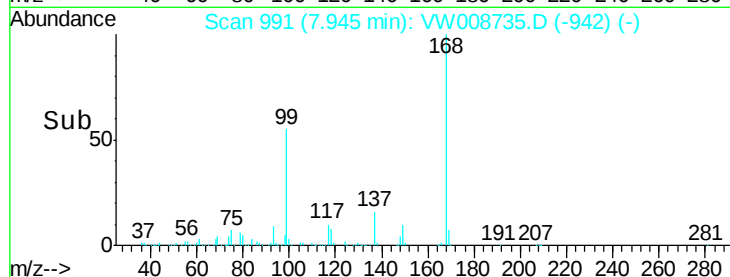
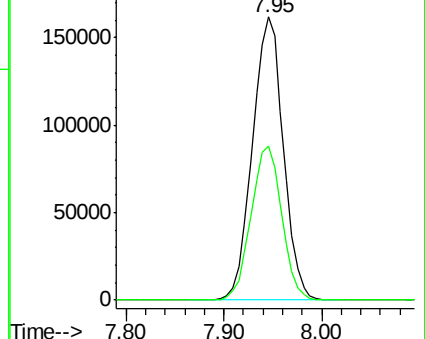
168 100

99 54.6 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 43.004 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW008735.D

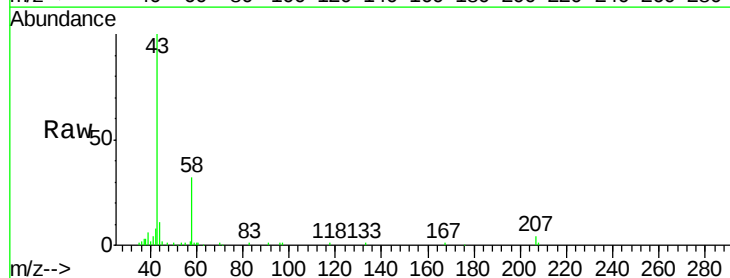
Acq: 18 Feb 2019 18:13

Tgt Ion: 43 Resp: 36104

Ion Ratio Lower Upper

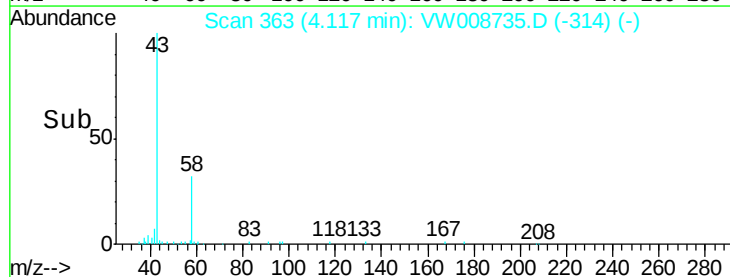
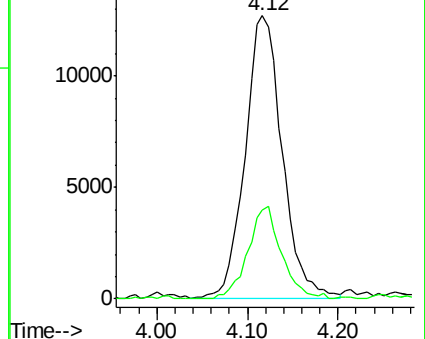
43 100

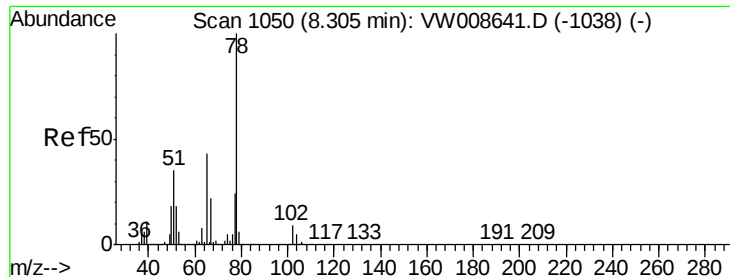
58 31.5 24.1 36.1



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: 51.196 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW008735.D

Acq: 18 Feb 2019 18:13

Instrument :

MSVOA_W

ClientSampleId :

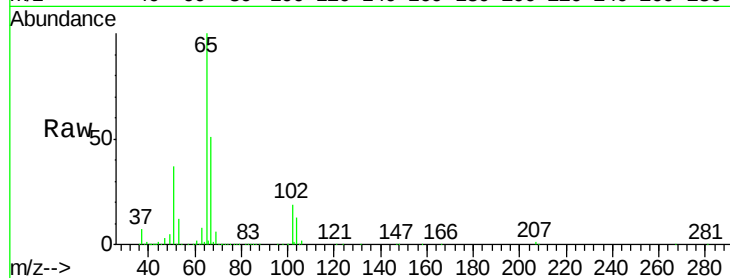
CABLE-BRIDGE-FOUNDATION-D-5

Tot Ion: 65 Resp: 188883

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

100000

80000

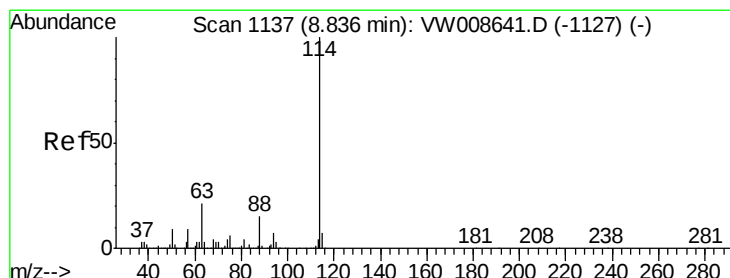
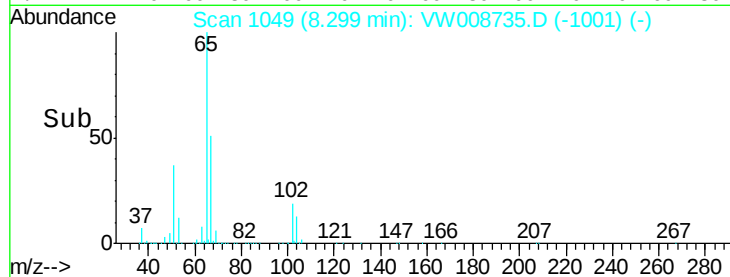
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VW008735.D

Acq: 18 Feb 2019 18:13

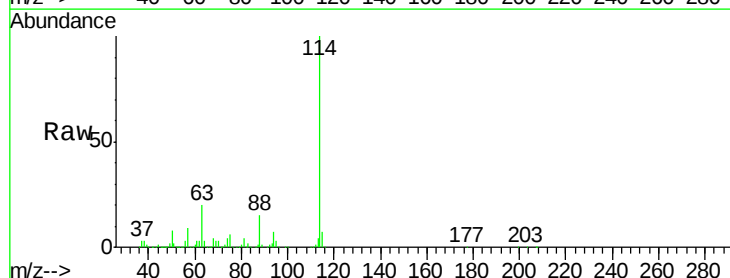
Tgt Ion: 114 Resp: 528625

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.2

88 15.1 0.0 29.6



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

8.84

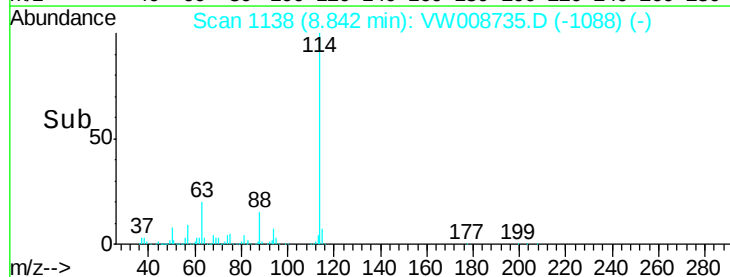
300000

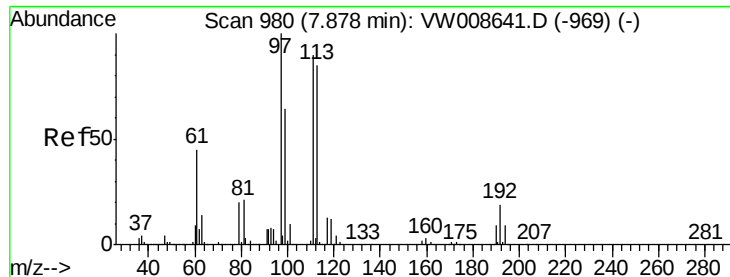
200000

100000

0

Time-->

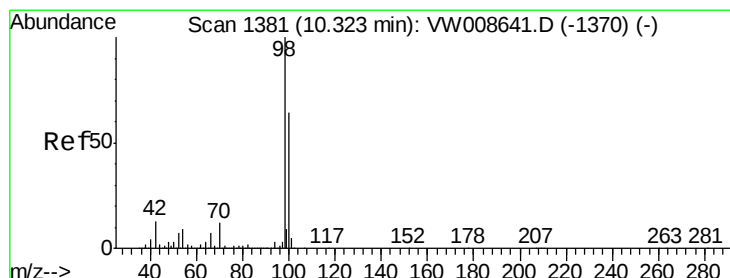
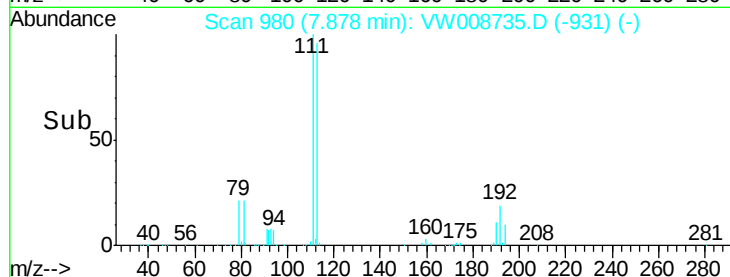
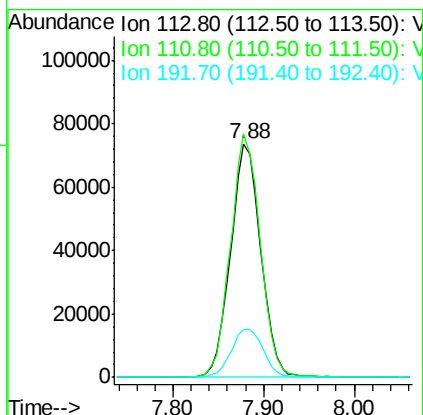
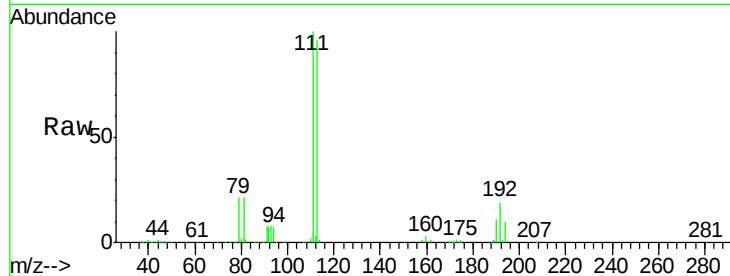




#35
 Dibromofluoromethane
 Concen: 51.811 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW008735.D
 Acq: 18 Feb 2019 18:13

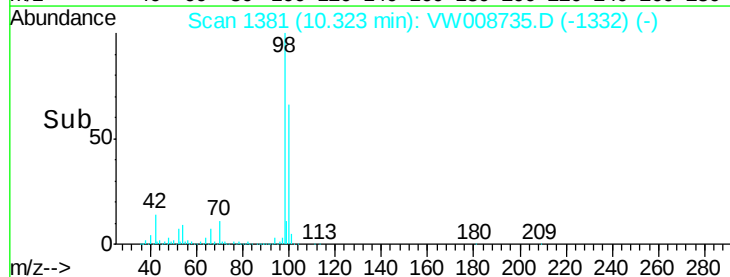
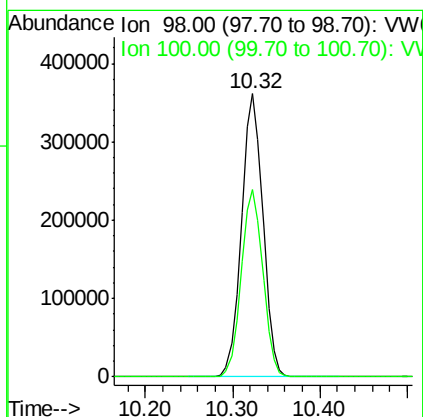
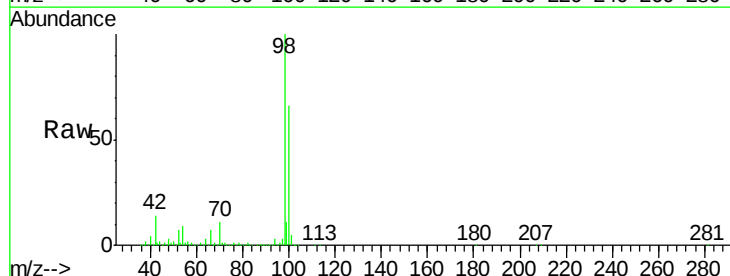
Instrument :
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 CABLE-BRIDGE-FOUNDATION-D-5

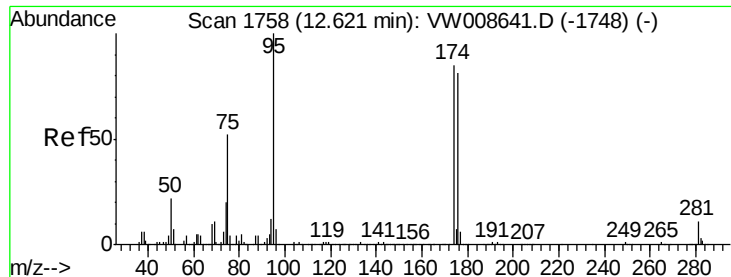
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	84.0	126.0
192	21.9	17.4	26.2



#50
 Toluene-d8
 Concen: 48.734 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW008735.D
 Acq: 18 Feb 2019 18:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.2	78.4





#62

4-Bromofluorobenzene

Concen: 39.052 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008735.D

Acq: 18 Feb 2019 18:13

Instrument :

MSVOA_W

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-5

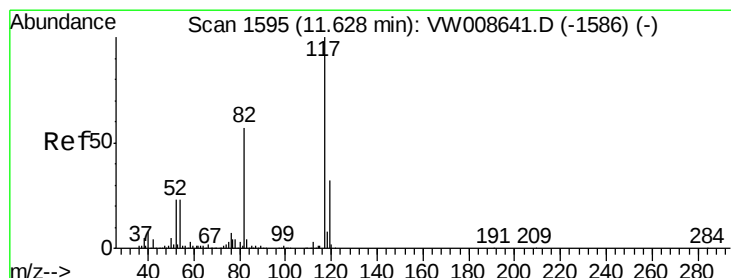
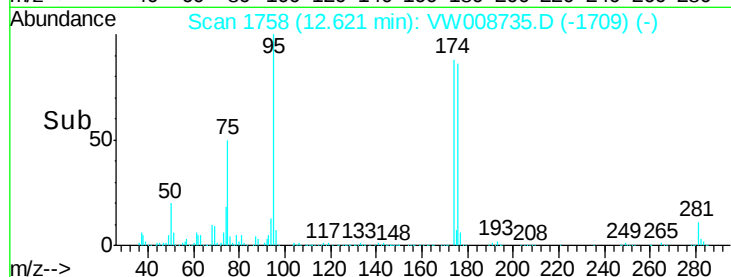
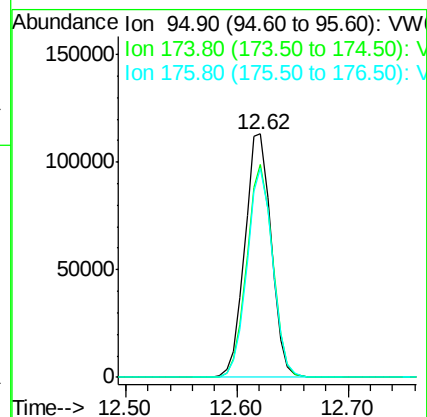
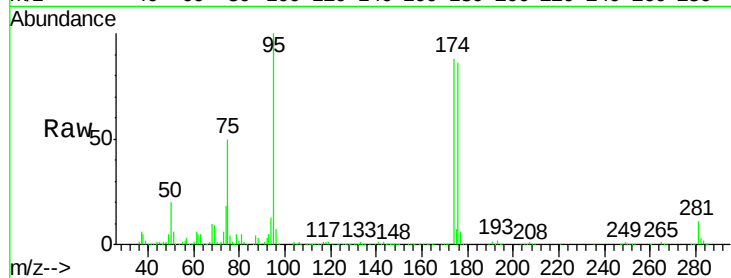
Tot Ion: 95 Resp: 186128

Ion Ratio Lower Upper

95 100

174 85.5 0.0 163.2

176 83.3 0.0 158.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.01 min

Lab File: VW008735.D

Acq: 18 Feb 2019 18:13

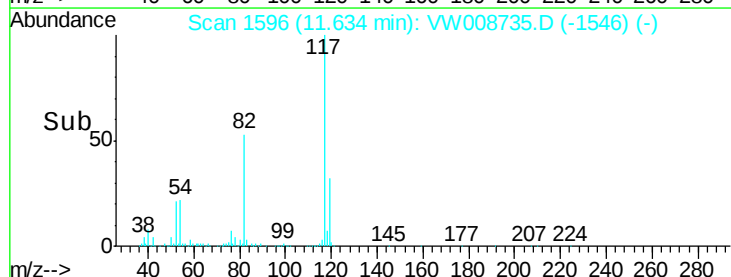
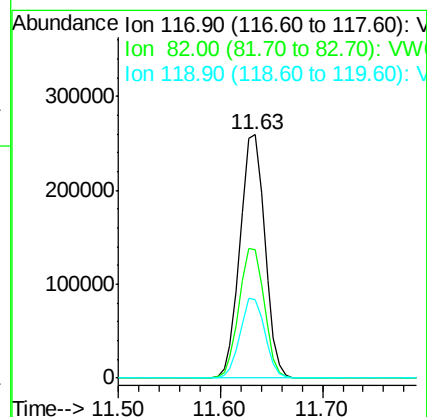
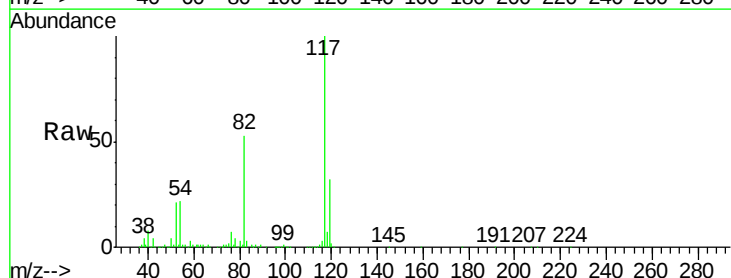
Tgt Ion: 117 Resp: 437938

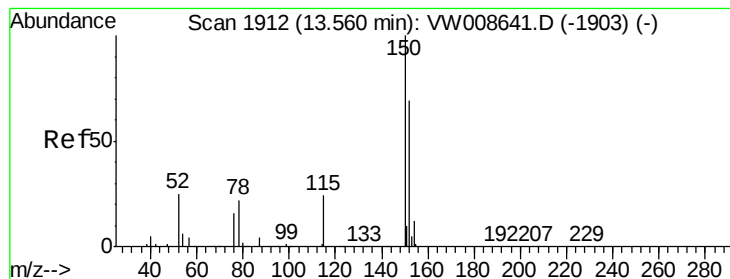
Ion Ratio Lower Upper

117 100

82 52.8 45.6 68.4

119 32.5 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008735.D

Acq: 18 Feb 2019 18:13

Instrument :

MSVOA_W

ClientSampleId :

CABLE-BRIDGE-FOUNDATION-D-5

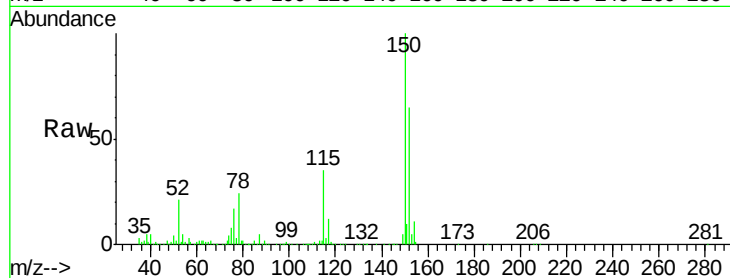
Tot Ion:152 Resp: 165732

Ion Ratio Lower Upper

152 100

115 56.9 29.3 87.8

150 158.3 0.0 352.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

