

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062420\
 Data File : VW015687.D
 Acq On : 24 Jun 2020 17:06
 Operator : SY/VA
 Sample : L3082-15
 Misc : 5.66G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-16

Quant Time: Jun 25 03:14:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

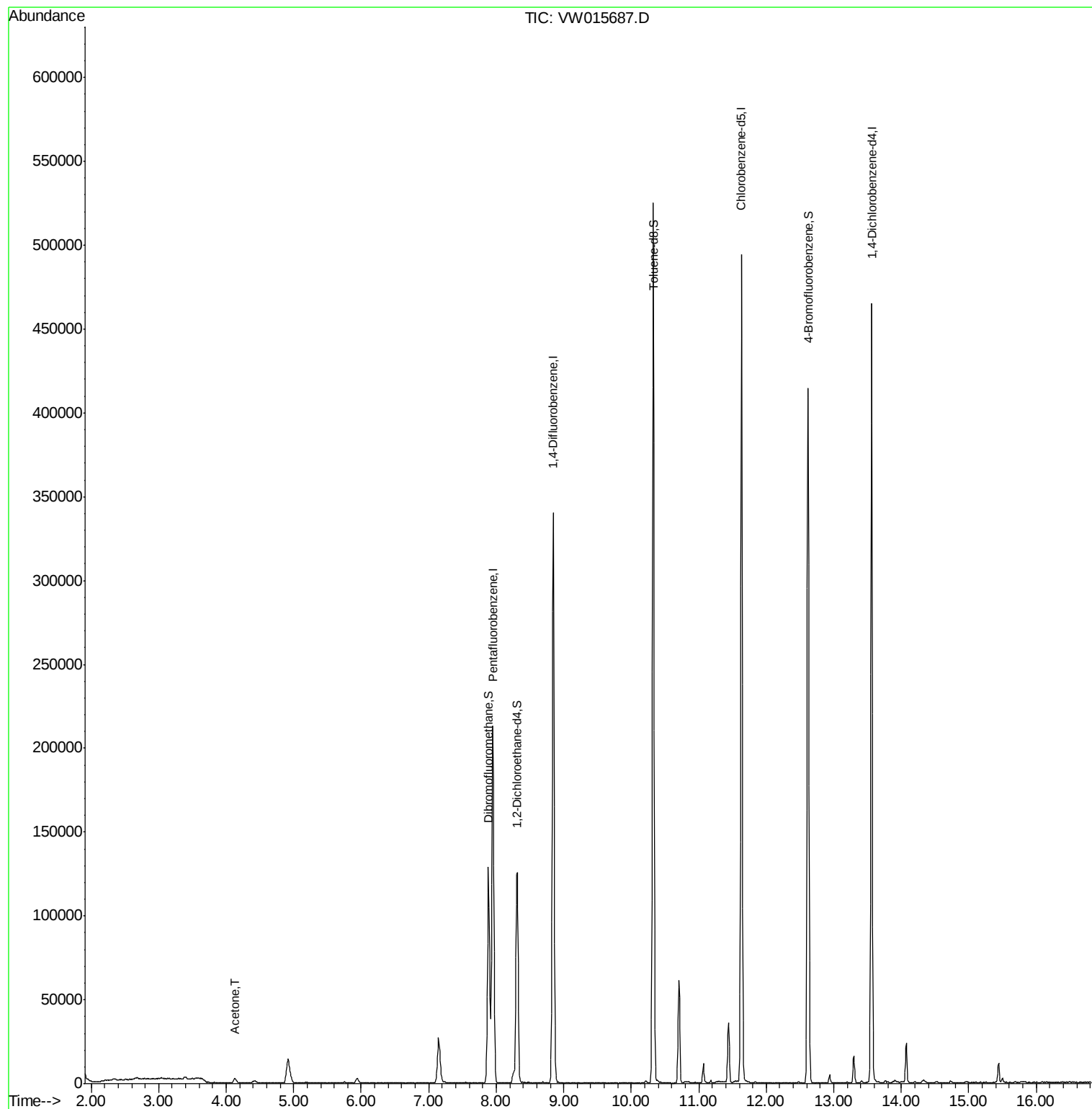
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	155227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	280632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	258200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	115717	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	104431	60.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.94%	
35) Dibromofluoromethane	7.88	113	88944	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
50) Toluene-d8	10.33	98	346652	49.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.62	95	117765	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.06%	
Target Compounds						
16) Acetone	4.13	43	5096	15.521	ug/l #	Qvalue 87

(#) = 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: VW015687.D

Acq: 24 Jun 2020 17:06

Instrument :

MSVOA_W

ClientSampled :

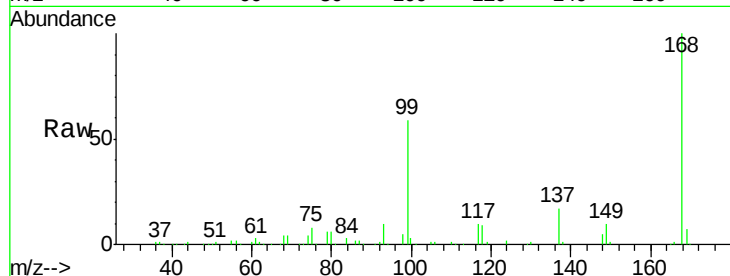
SB-16

Tot Ion:168 Resp: 155227

Ion Ratio Lower Upper

168 100

99 59.3 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

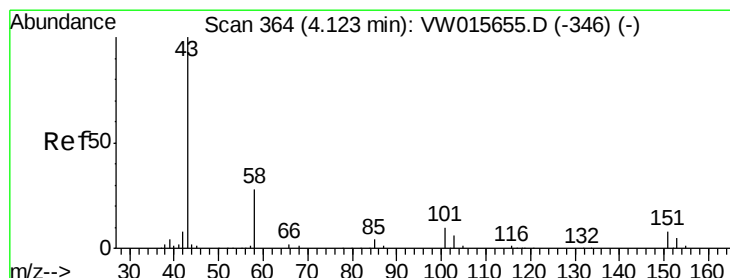
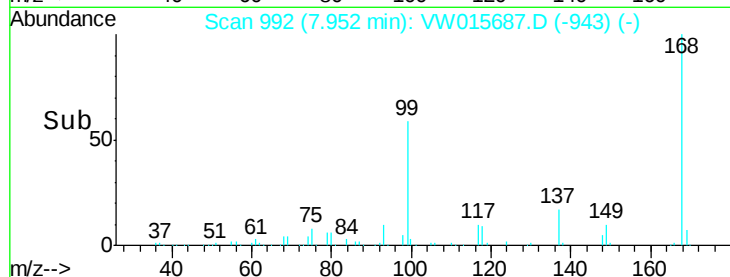
40000

20000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 15.521 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015687.D

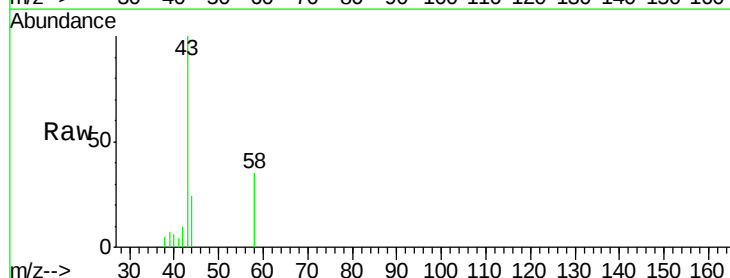
Acq: 24 Jun 2020 17:06

Tgt Ion: 43 Resp: 5096

Ion Ratio Lower Upper

43 100

58 35.2 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

1500

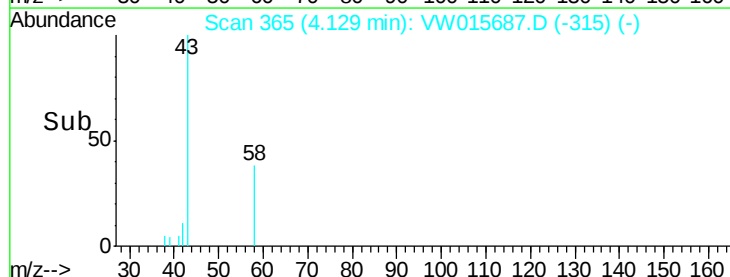
1000

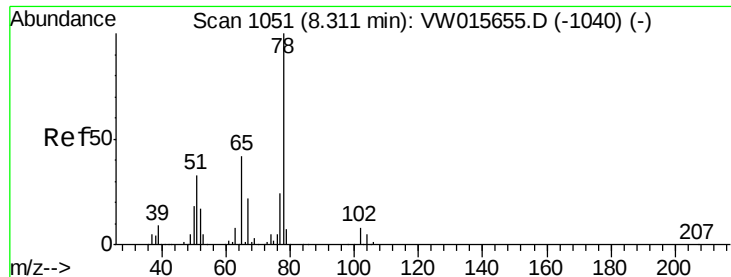
500

0

4.00 4.10 4.20

Time-->





#33

1,2-Dichloroethane-d4

Concen: 60.466 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW015687.D

Acq: 24 Jun 2020 17:06

Instrument :

MSVOA_W

ClientSampled :

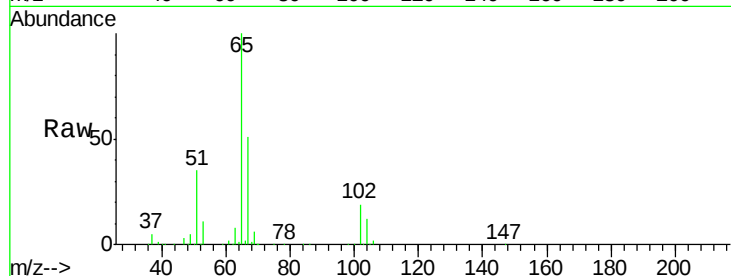
SB-16

Tot Ion: 65 Resp: 104431

Ion Ratio Lower Upper

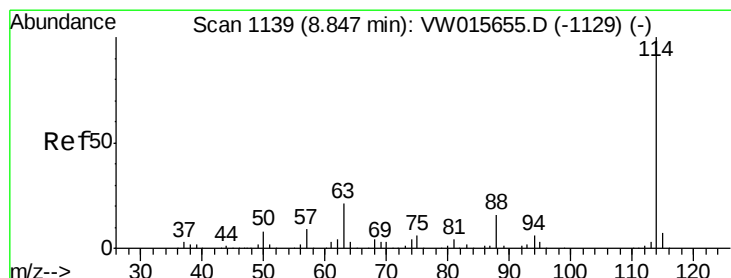
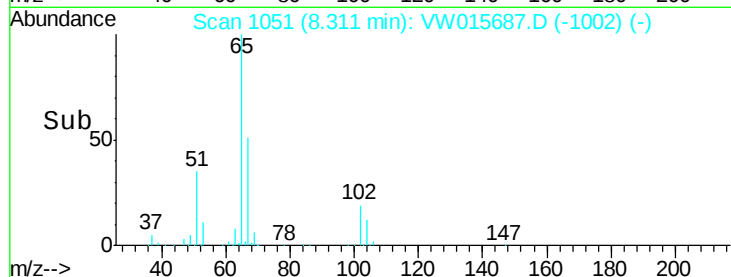
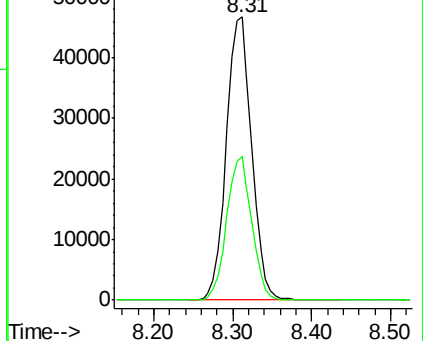
65 100

67 50.2 0.0 102.2



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: VW015687.D

Acq: 24 Jun 2020 17:06

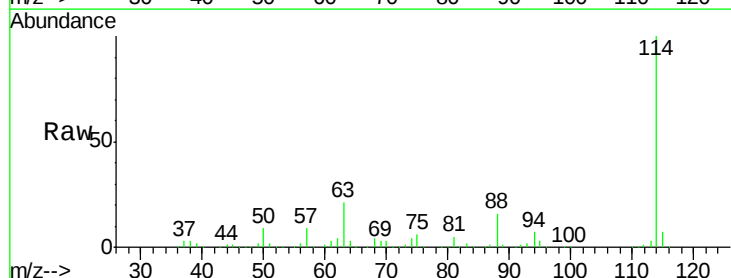
Tgt Ion: 114 Resp: 280632

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.4

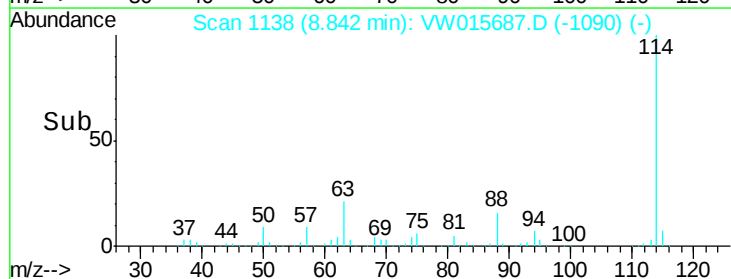
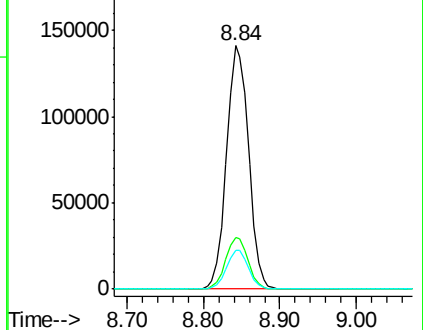
88 15.7 0.0 32.6

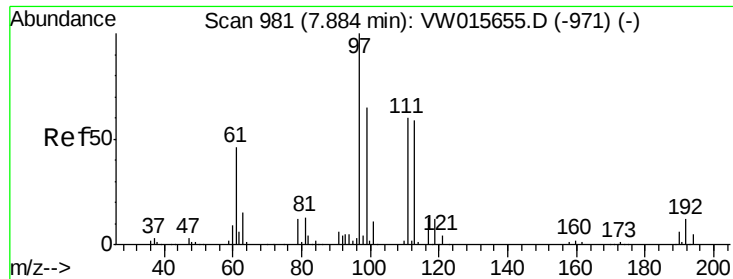


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

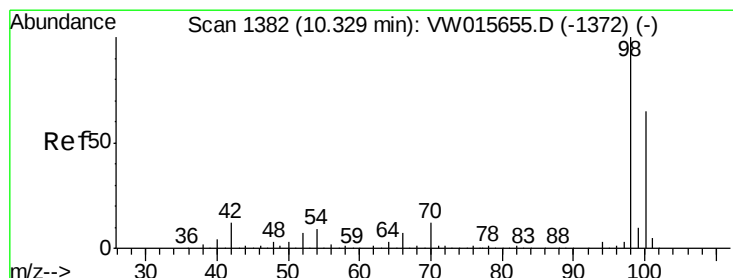
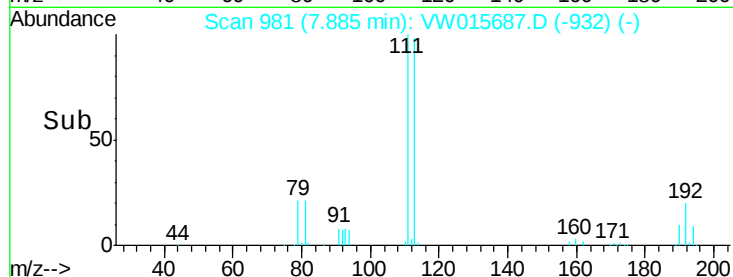
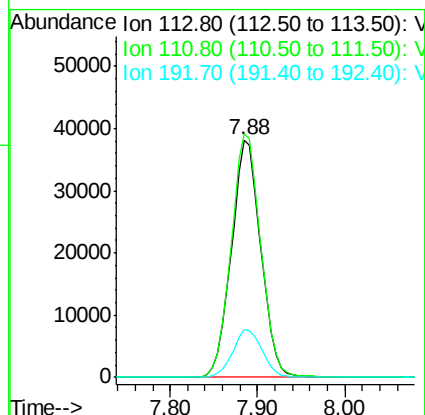
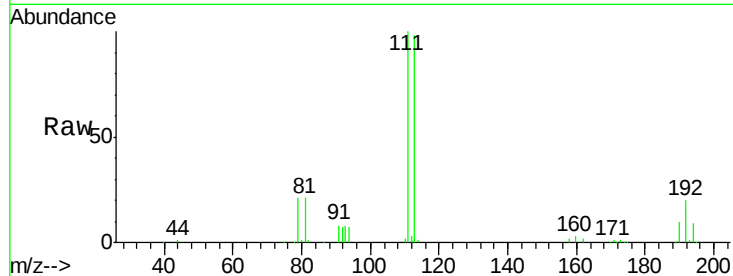




#35
 Dibromofluoromethane
 Concen: 50.386 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015687.D
 Acq: 24 Jun 2020 17:06

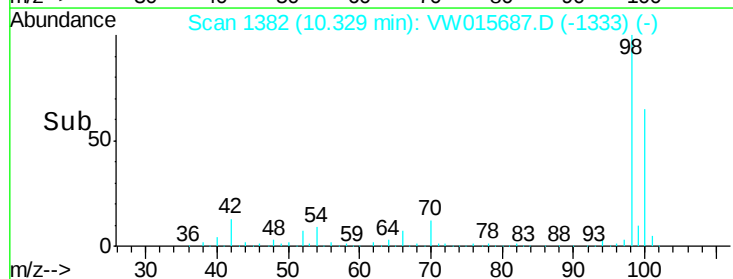
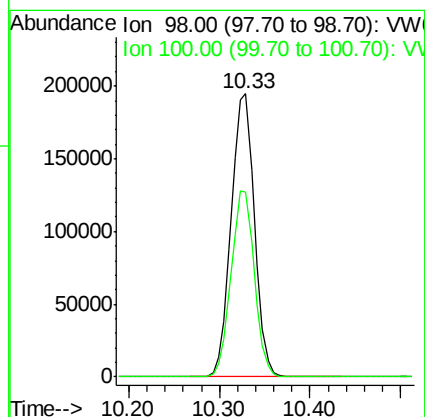
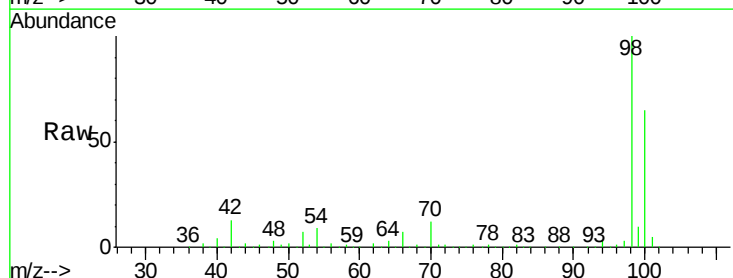
Instrument :
 MSVOA_W
 ClientSampled :
 SB-16

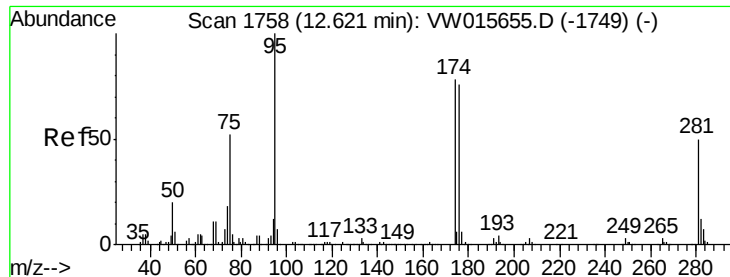
Tot Ion:113 Resp: 88944
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.3 123.5
 192 20.1 16.4 24.6



#50
 Toluene-d8
 Concen: 49.900 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW015687.D
 Acq: 24 Jun 2020 17:06

Tgt Ion: 98 Resp: 346652
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.8 79.2





#62

4-Bromofluorobenzene

Concen: 46.031 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015687.D

Acq: 24 Jun 2020 17:06

Instrument :

MSVOA_W

ClientSampleId :

SB-16

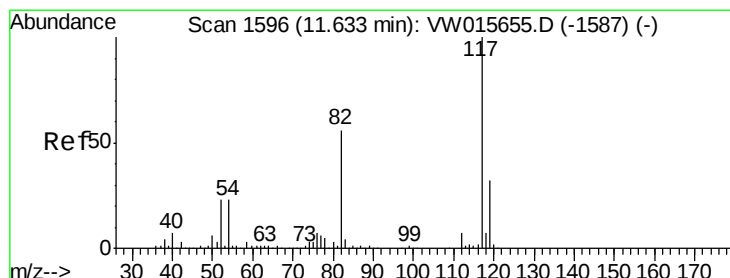
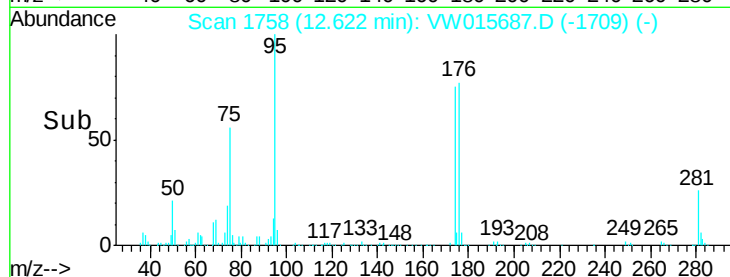
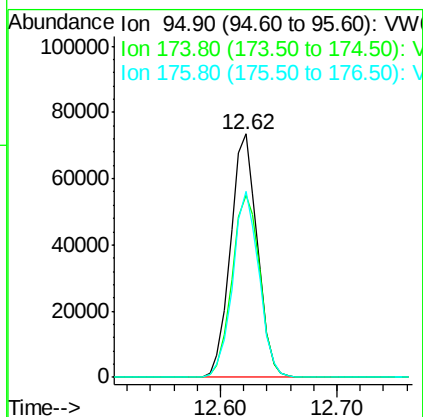
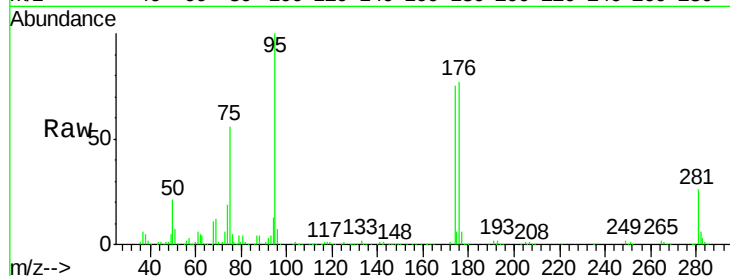
Tot Ion: 95 Resp: 117765

Ion Ratio Lower Upper

95 100

174 78.3 0.0 157.0

176 74.9 0.0 151.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW015687.D

Acq: 24 Jun 2020 17:06

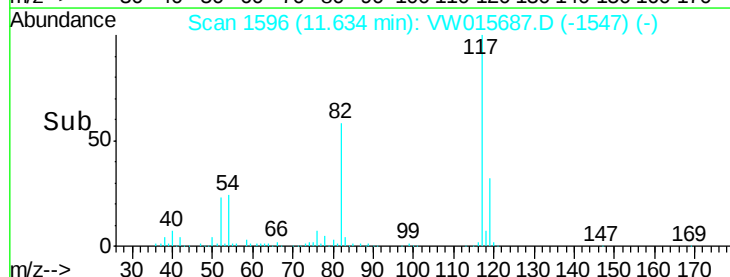
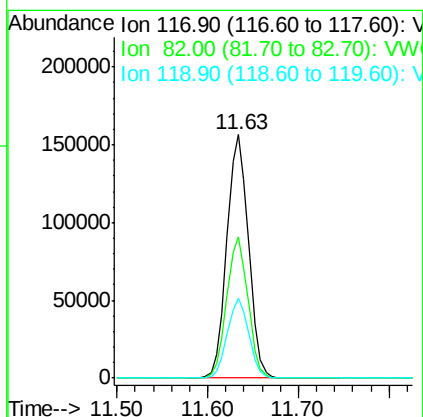
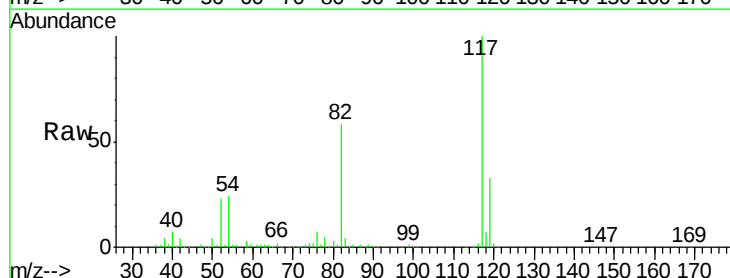
Tgt Ion: 117 Resp: 258200

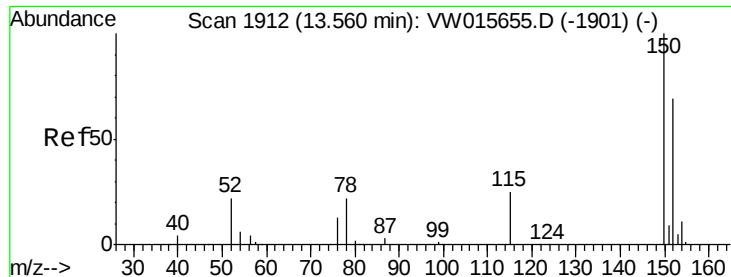
Ion Ratio Lower Upper

117 100

82 57.9 45.1 67.7

119 32.6 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015687.D

Acq: 24 Jun 2020 17:06

Instrument :

MSVOA_W

ClientSampleId :

SB-16

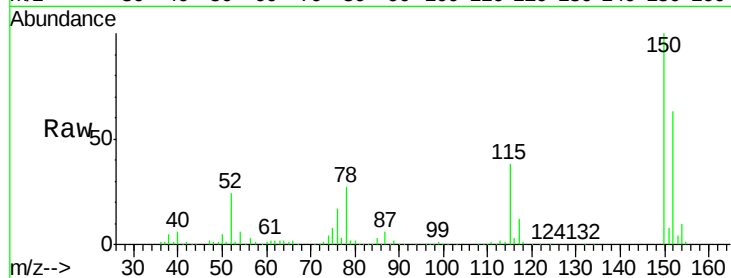
Tot Ion:152 Resp: 115717

Ion Ratio Lower Upper

152 100

115 58.7 30.1 90.5

150 152.8 0.0 345.6



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

