

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW020719\
 Data File : VW008563.D
 Acq On : 07 Feb 2019 19:57
 Operator : SY/VA
 Sample : K1390-15
 Misc : 4.05G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DUPE-Y

Quant Time: Feb 08 23:51:05 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

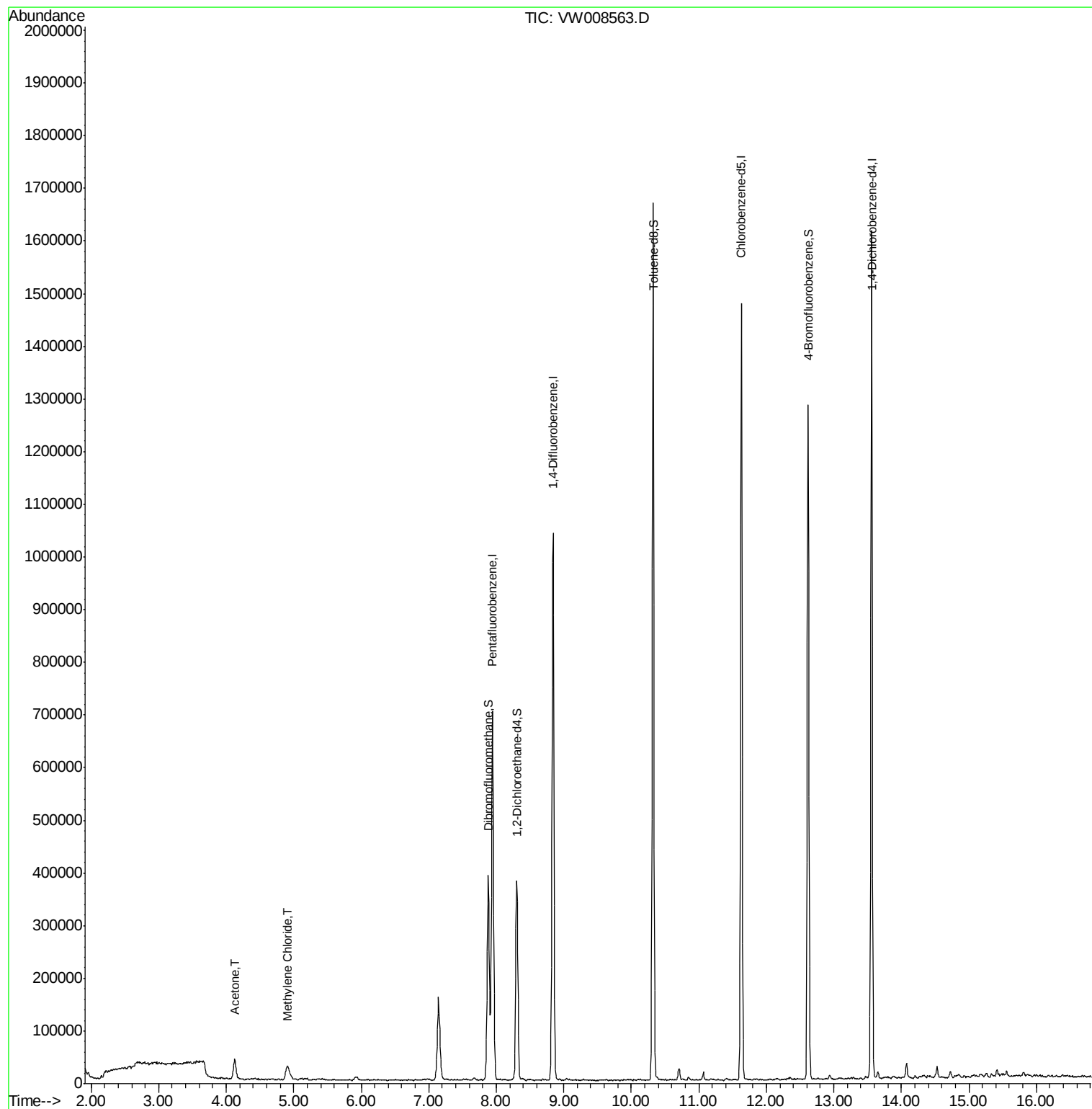
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	537812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	874124	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	811019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	413410	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	292647	55.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.78%	
35) Dibromofluoromethane	7.88	113	271334	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.18%	
50) Toluene-d8	10.32	98	1049534	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
62) 4-Bromofluorobenzene	12.62	95	402873	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
Target Compounds						
16) Acetone	4.13	43	67316	56.736	ug/l	96
20) Methylene Chloride	4.90	84	24471	4.475	ug/l	88

(#) = 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: VW008563.D

Acq: 07 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampled :

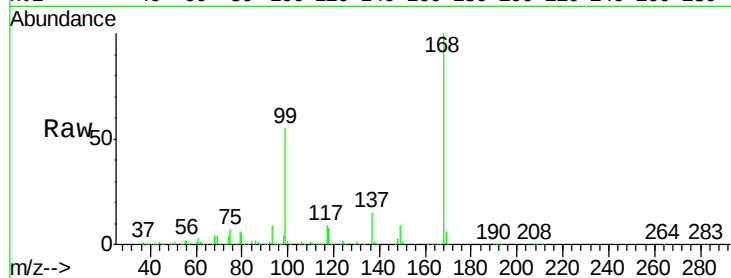
DUPE-Y

Tot Ion:168 Resp: 537812

Ion Ratio Lower Upper

168 100

99 55.2 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

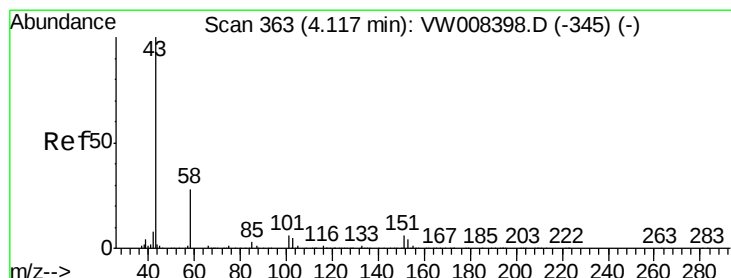
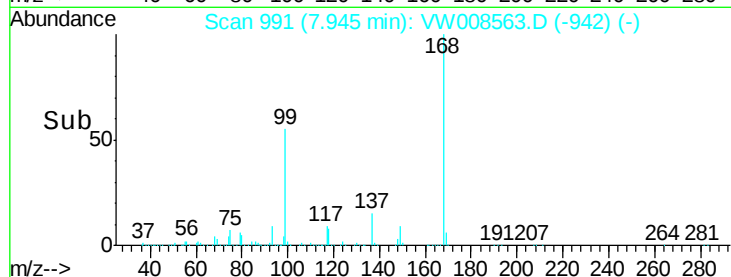
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 56.736 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008563.D

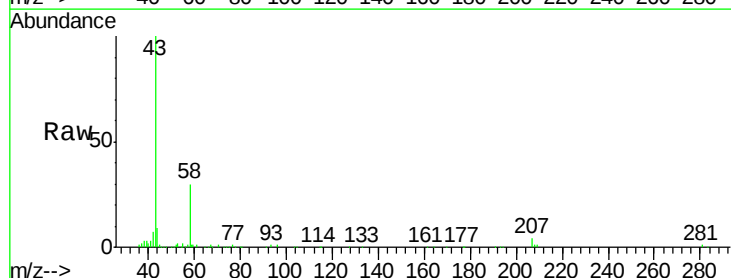
Acq: 07 Feb 2019 19:57

Tgt Ion: 43 Resp: 67316

Ion Ratio Lower Upper

43 100

58 30.2 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

25000

20000

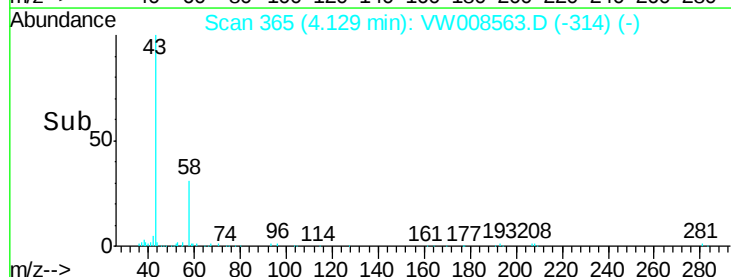
15000

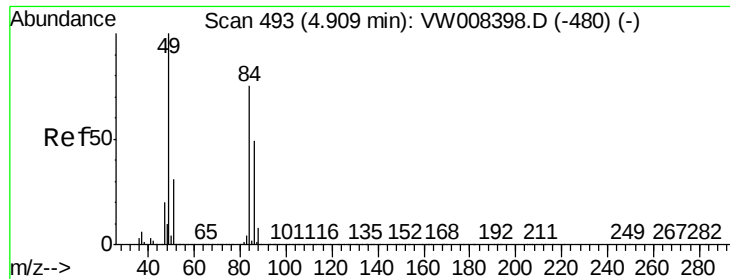
10000

5000

0

Time--> 4.00 4.10 4.20

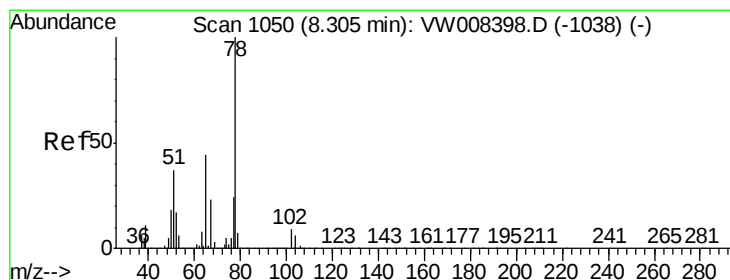
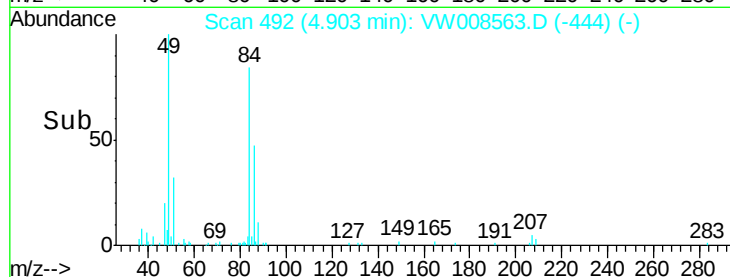
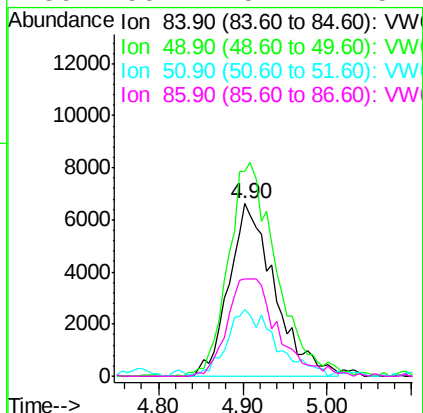
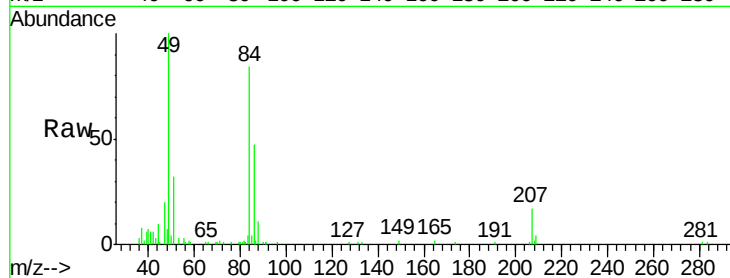




#20
Methylene Chloride
Concen: 4.475 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008563.D
Acq: 07 Feb 2019 19:57

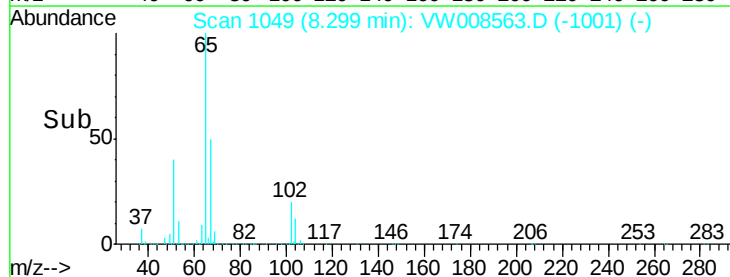
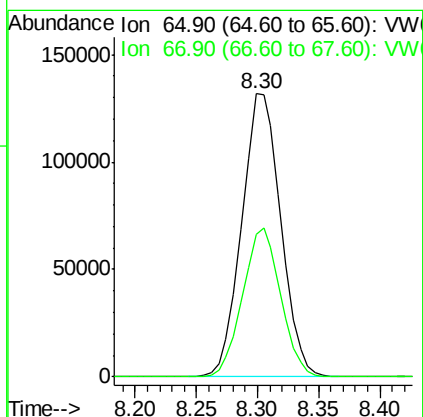
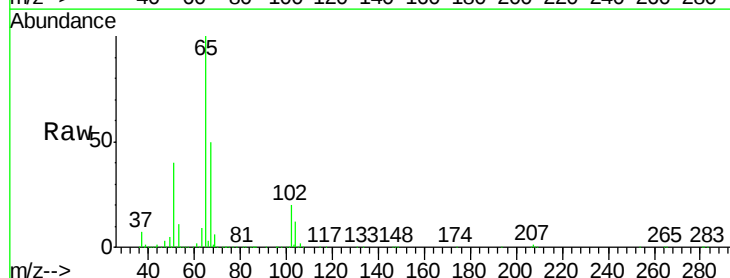
Instrument :
MSVOA_W
ClientSampleId :
DUPE-Y

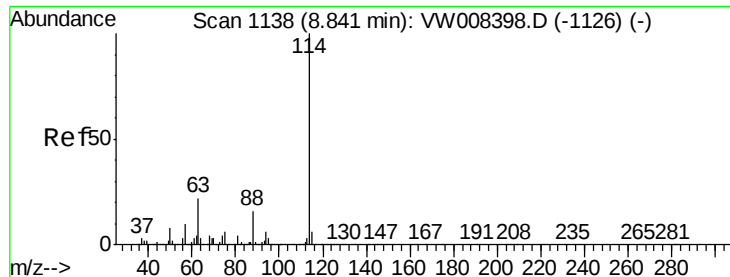
Tot Ion:	84	Resp:	24471
Ion	Ratio	Lower	Upper
84	100		
49	116.5	106.8	160.2
51	37.6	32.9	49.3
86	56.2	52.2	78.2



#33
1,2-Dichloroethane-d4
Concen: 55.389 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW008563.D
Acq: 07 Feb 2019 19:57

Tgt Ion:	65	Resp:	292647
Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	104.0

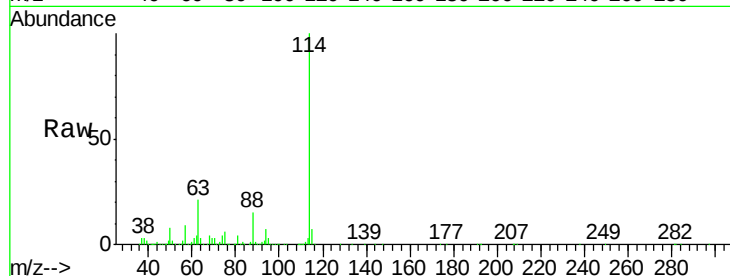




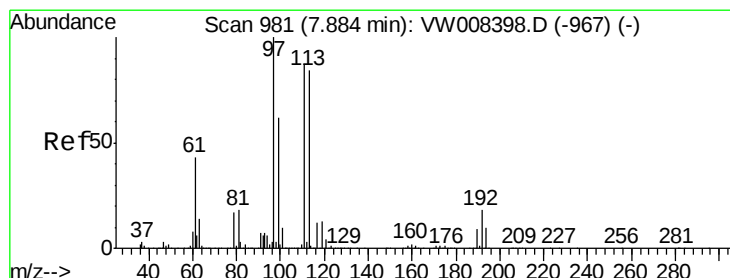
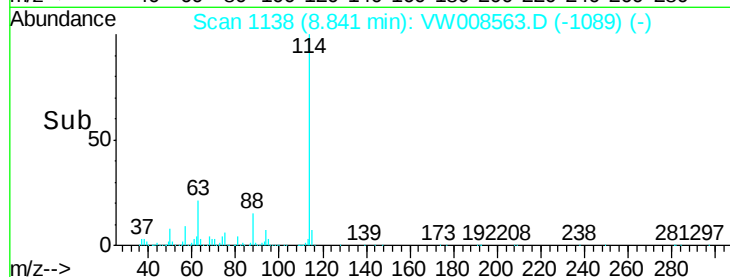
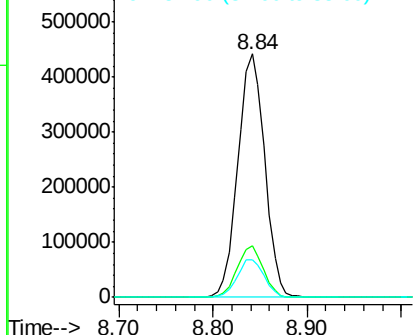
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW008563.D
Acq: 07 Feb 2019 19:57

Instrument :
MSVOA_W
ClientSampleId :
DUPE-Y

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	43.6
88	15.2	0.0	31.8

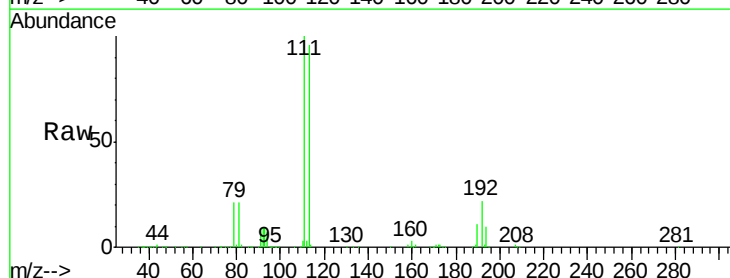


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VV
Ion 87.90 (87.60 to 88.60): VV

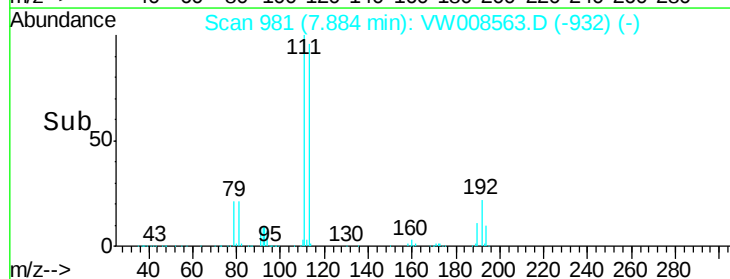
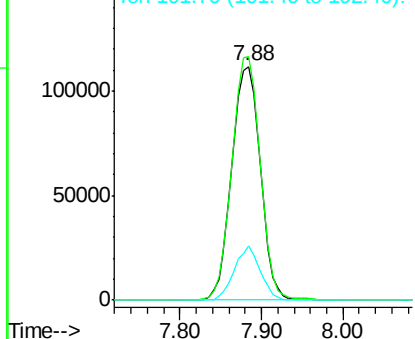


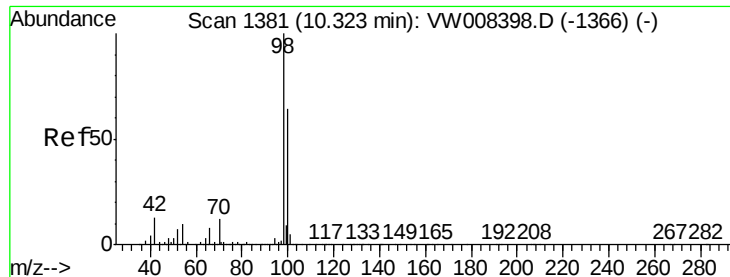
#35
Dibromofluoromethane
Concen: 53.085 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW008563.D
Acq: 07 Feb 2019 19:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.0	121.4
192	21.0	16.8	25.2



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: 51.205 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008563.D

Acq: 07 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampleId :

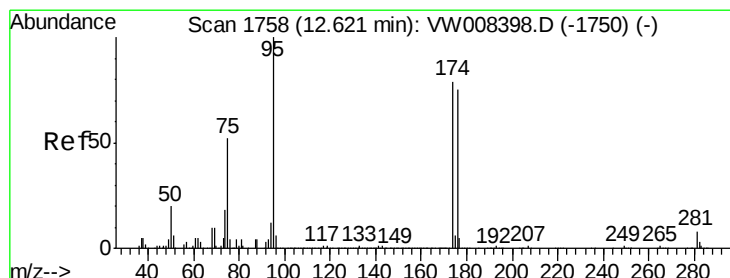
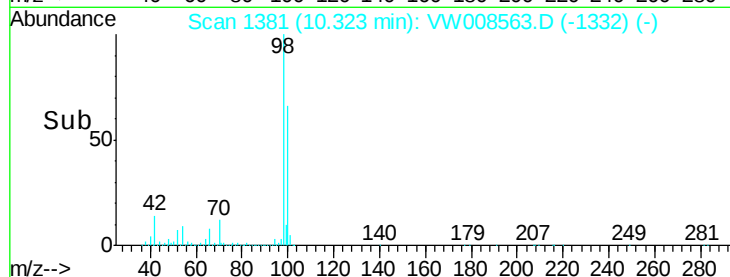
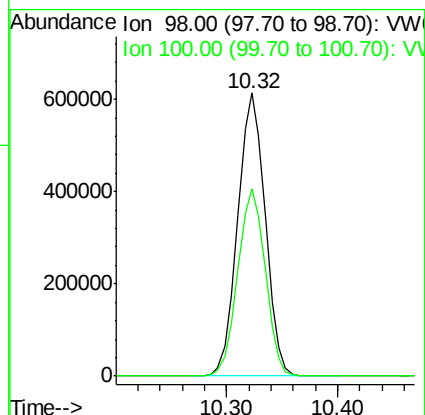
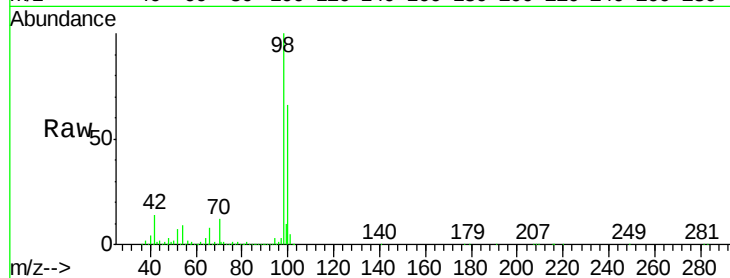
DUPE-Y

Tot Ion: 98 Resp: 1049534

Ion Ratio Lower Upper

98 100

100 66.1 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 51.136 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008563.D

Acq: 07 Feb 2019 19:57

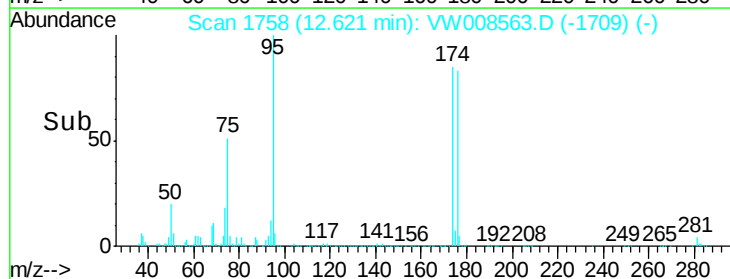
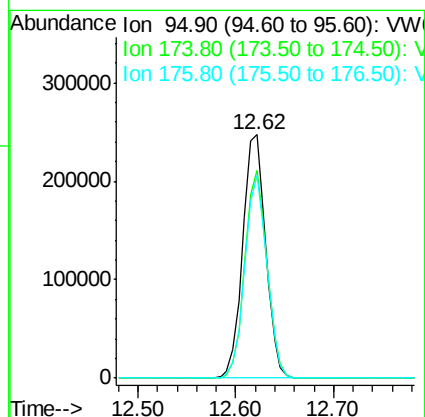
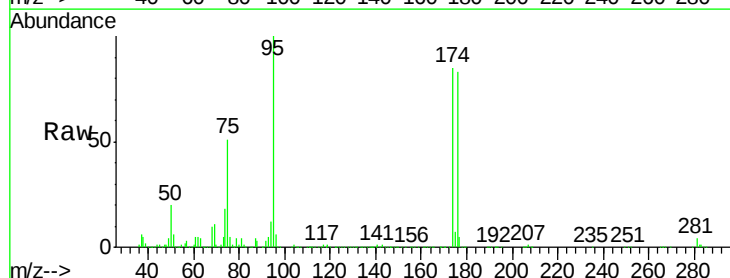
Tgt Ion: 95 Resp: 402873

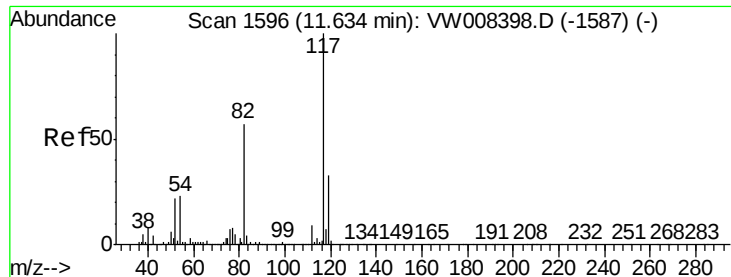
Ion Ratio Lower Upper

95 100

174 82.6 0.0 157.6

176 80.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW008563.D

Acq: 07 Feb 2019 19:57

Instrument :

MSVOA_W

ClientSampleId :

DUPE-Y

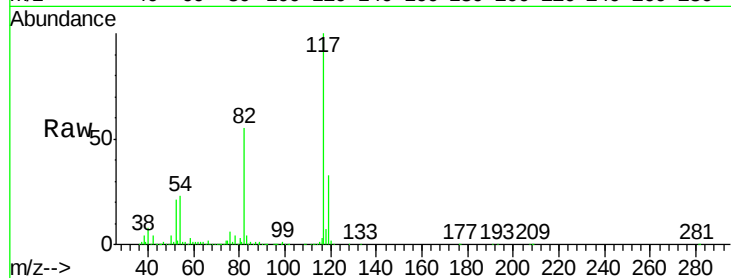
Tot Ion:117 Resp: 811019

Ion Ratio Lower Upper

117 100

82 55.4 45.4 68.0

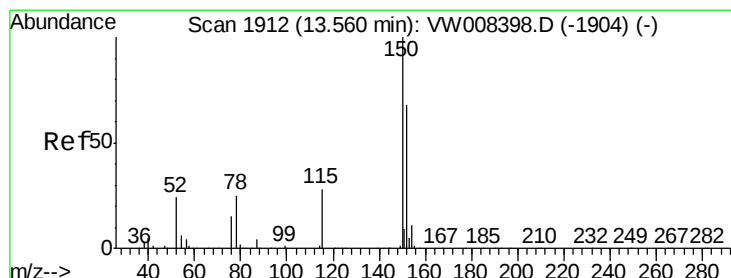
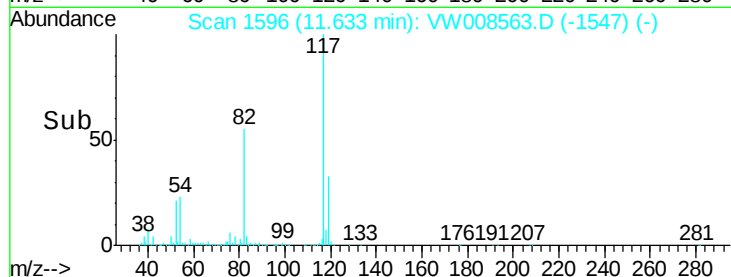
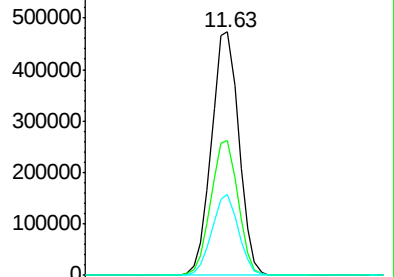
119 33.4 26.2 39.4



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008563.D

Acq: 07 Feb 2019 19:57

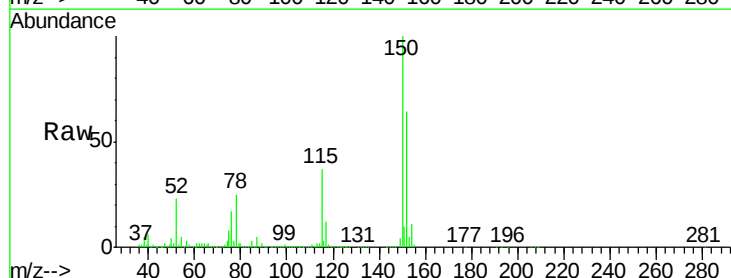
Tgt Ion:152 Resp: 413410

Ion Ratio Lower Upper

152 100

115 57.6 29.9 89.7

150 155.3 0.0 351.4



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

