

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062620\
 Data File : VW015743.D
 Acq On : 26 Jun 2020 13:41
 Operator : SY/VA
 Sample : L3115-01
 Misc : 7.27G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP

Quant Time: Jun 27 02:10:29 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

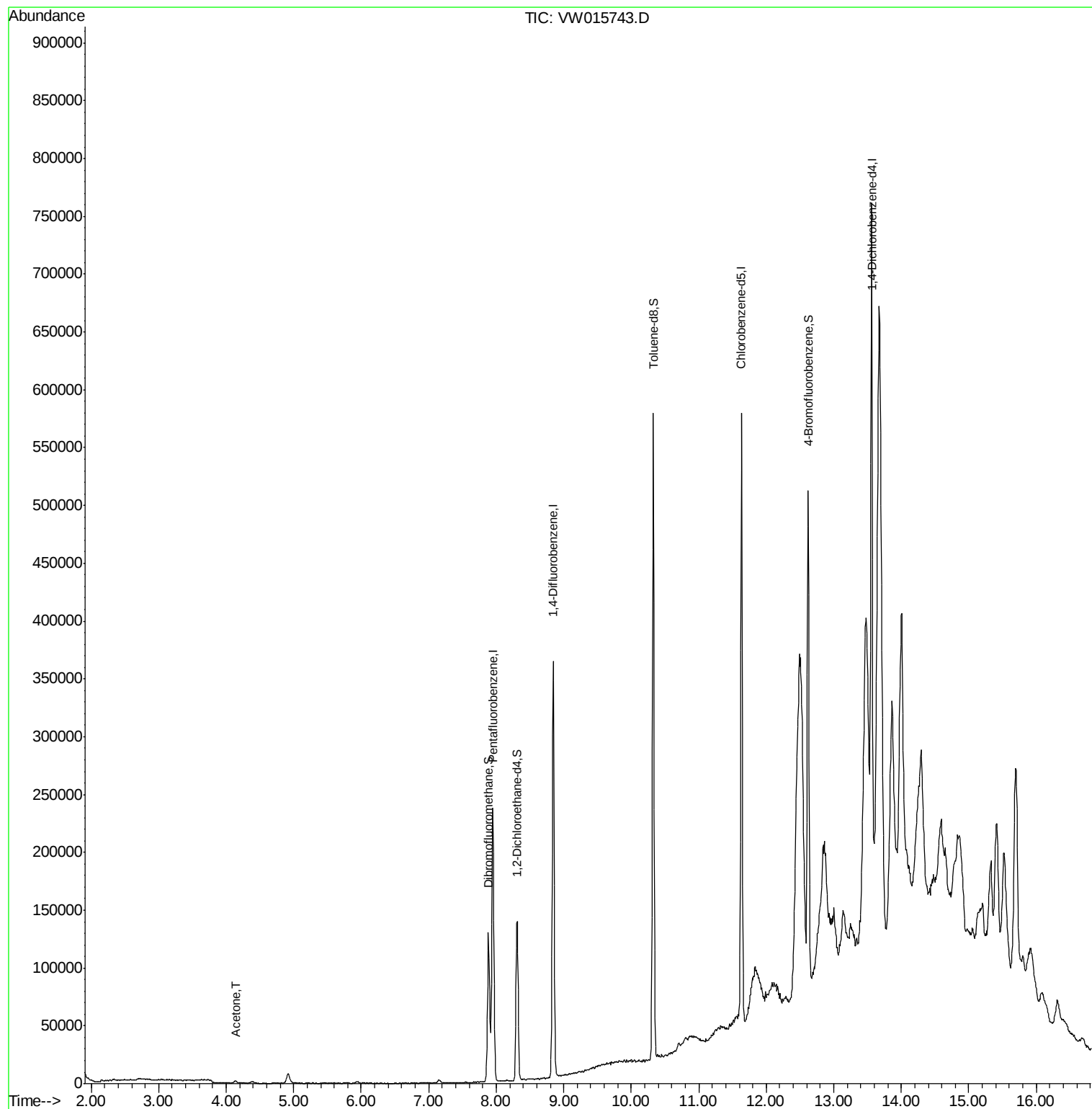
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	169538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	292682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	135956	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	112145	59.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.90%	
35) Dibromofluoromethane	7.88	113	91690	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
50) Toluene-d8	10.32	98	364996	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
62) 4-Bromofluorobenzene	12.62	95	140466	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
Target Compounds						
16) Acetone	4.14	43	3749	10.455	ug/l	Qvalue 99

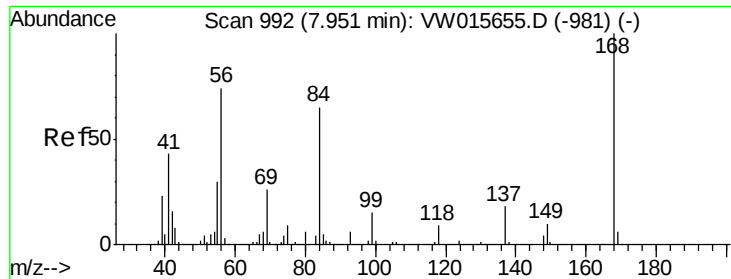
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015743.D

Acq: 26 Jun 2020 13:41

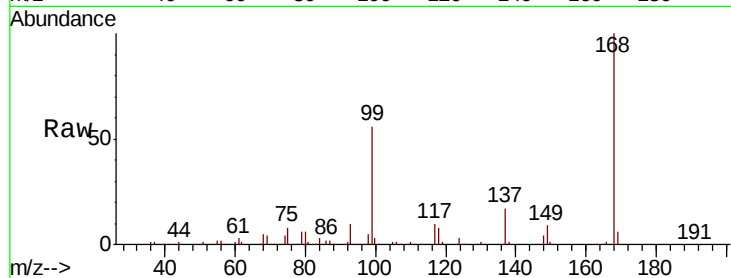
Instrument :
MSVOA_W
ClientSampled :
TP

Tot Ion:168 Resp: 169538

Ion Ratio Lower Upper

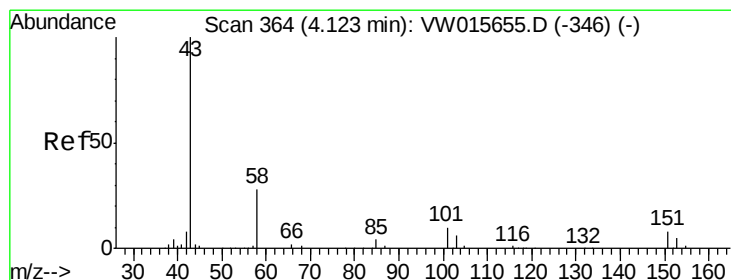
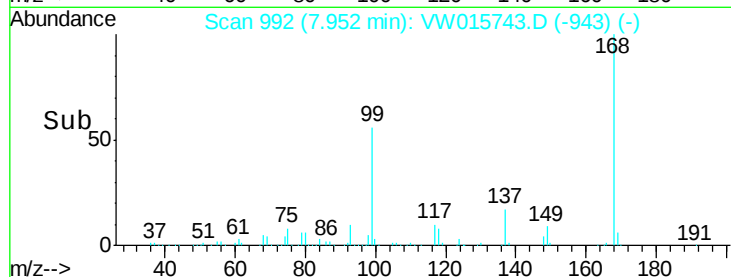
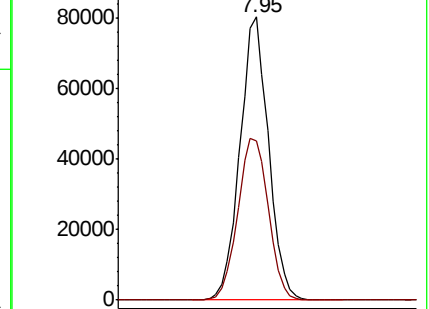
168 100

99 56.4 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 10.455 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015743.D

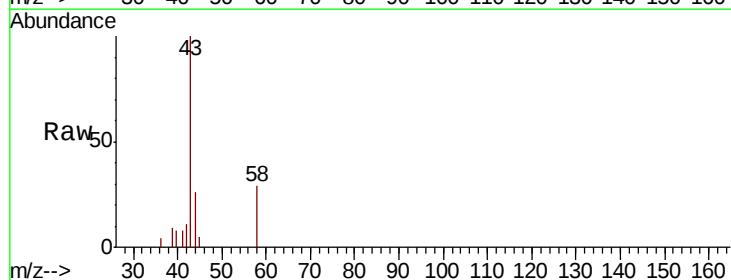
Acq: 26 Jun 2020 13:41

Tgt Ion: 43 Resp: 3749

Ion Ratio Lower Upper

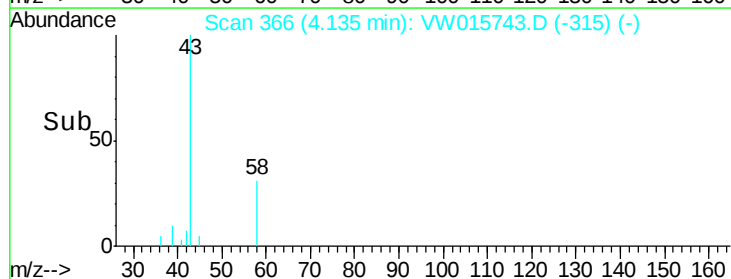
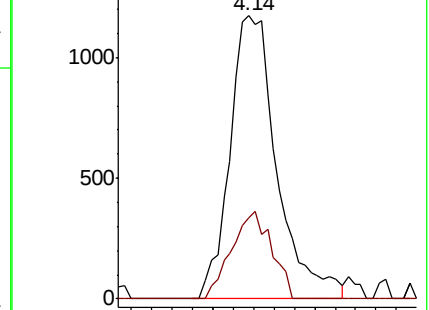
43 100

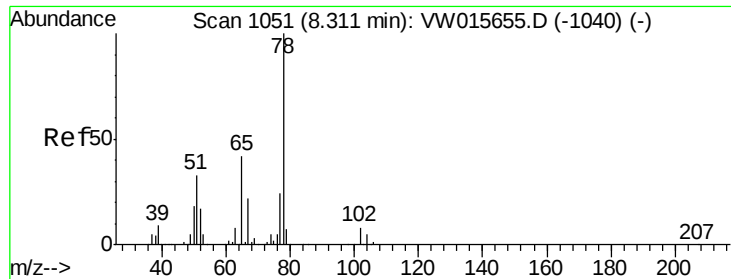
58 28.6 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

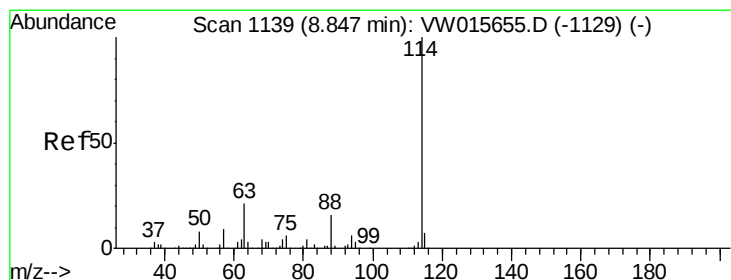
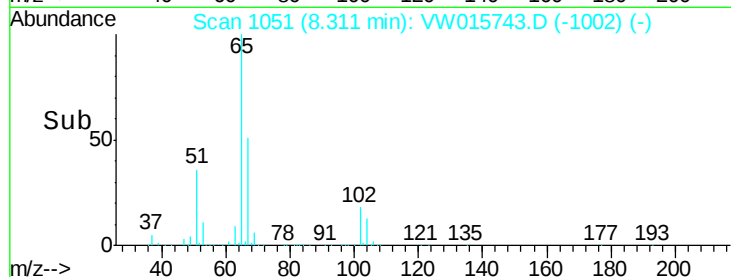
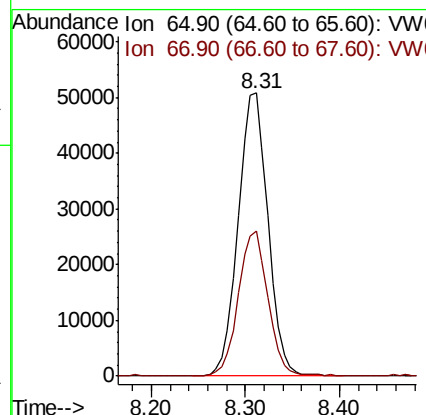
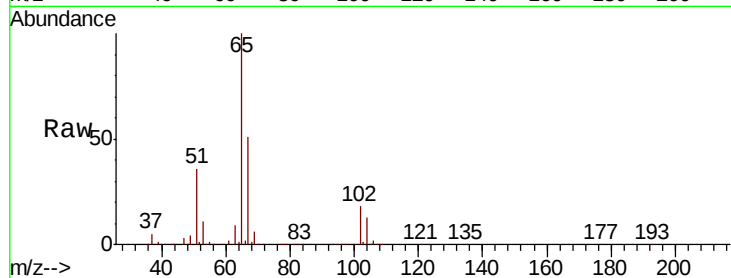




#33
 1,2-Dichloroethane-d4
 Concen: 59.451 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW015743.D
 Acq: 26 Jun 2020 13:41

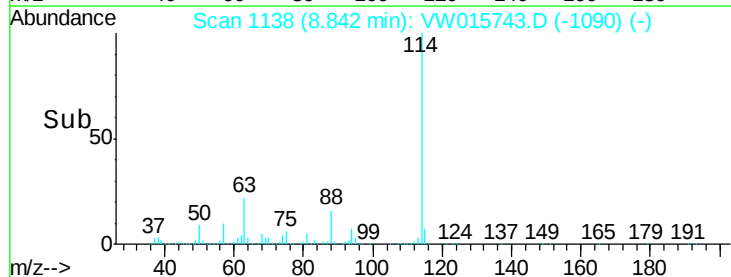
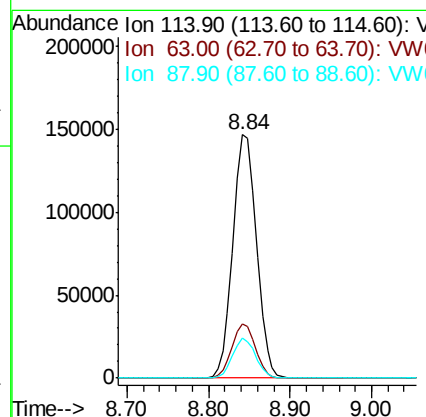
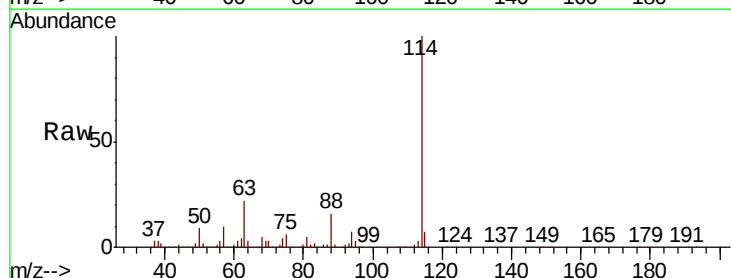
Instrument :
 MSVOA_W
 ClientSampled :
 TP

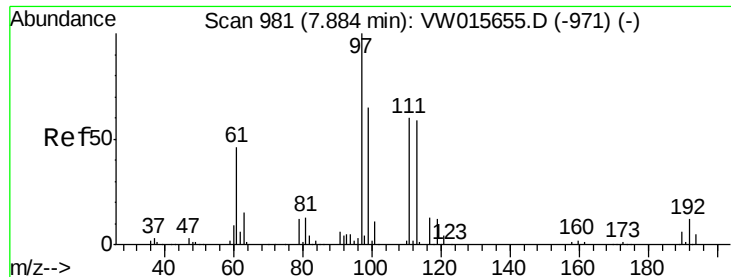
Tot Ion: 65 Resp: 112145
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW015743.D
 Acq: 26 Jun 2020 13:41

Tgt Ion: 114 Resp: 292682
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 42.4
 88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.803 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015743.D

Acq: 26 Jun 2020 13:41

Instrument :
MSVOA_W
ClientSampled :
TP

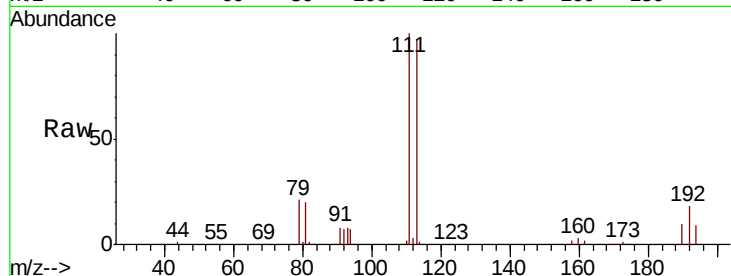
Tot Ion:113 Resp: 91690

Ion Ratio Lower Upper

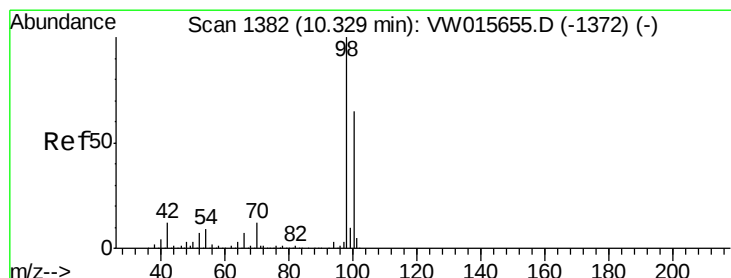
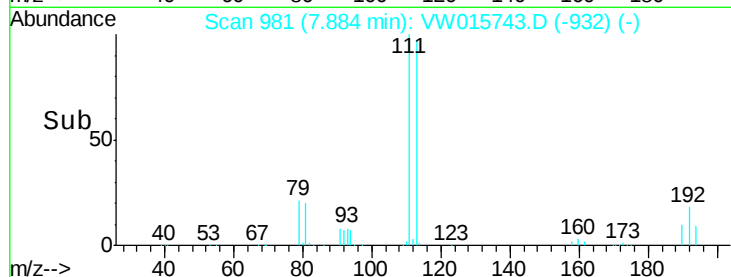
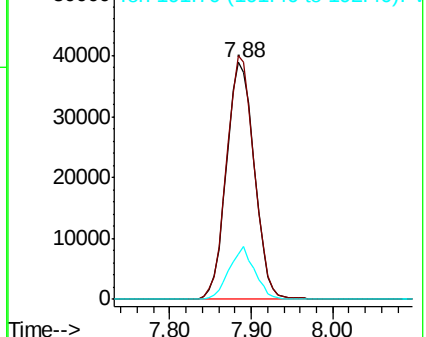
113 100

111 101.7 82.3 123.5

192 20.2 16.4 24.6



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: 50.377 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015743.D

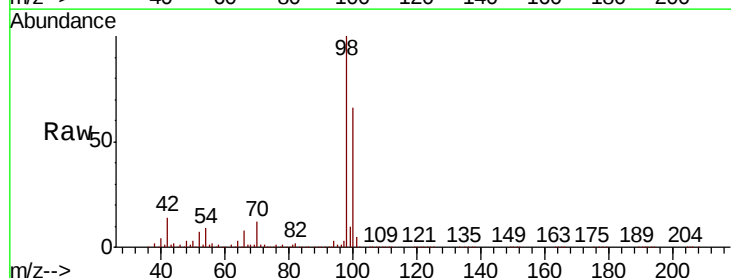
Acq: 26 Jun 2020 13:41

Tgt Ion: 98 Resp: 364996

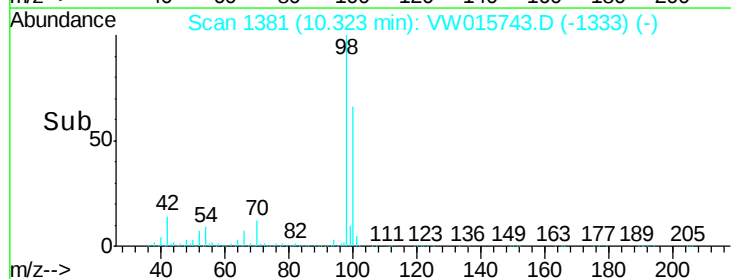
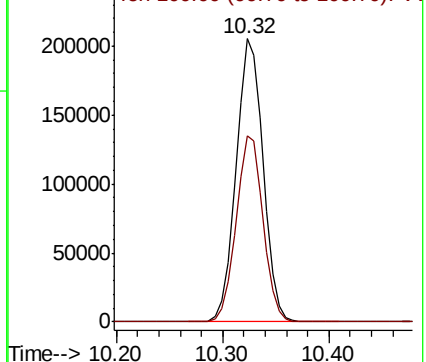
Ion Ratio Lower Upper

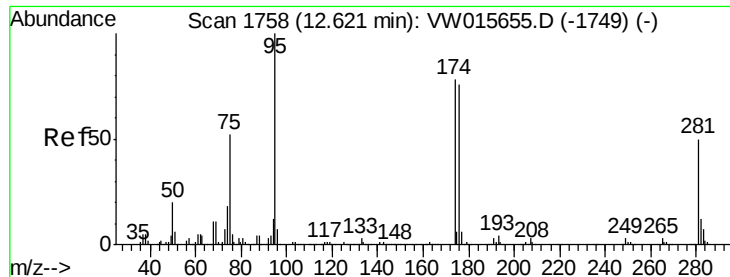
98 100

100 65.6 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 52.643 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015743.D

Acq: 26 Jun 2020 13:41

Instrument :

MSVOA_W

ClientSampleId :

TP

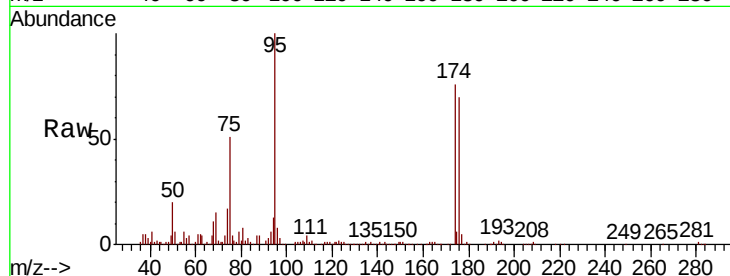
Tot Ion: 95 Resp: 140466

Ion Ratio Lower Upper

95 100

174 75.6 0.0 157.0

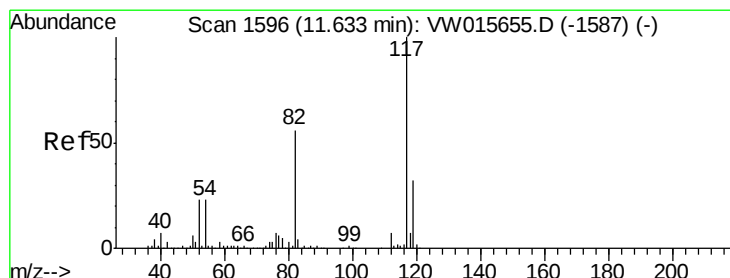
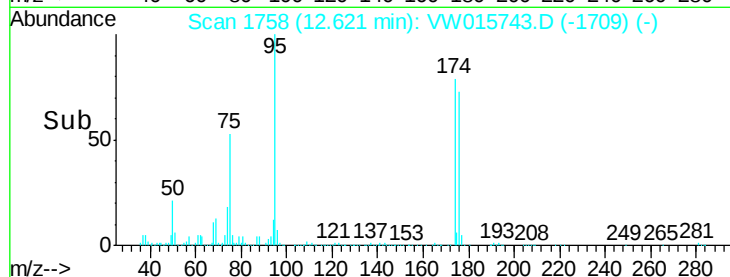
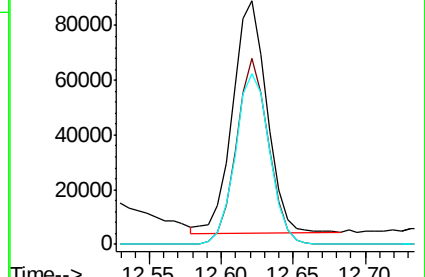
176 73.9 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW015743.D

Acq: 26 Jun 2020 13:41

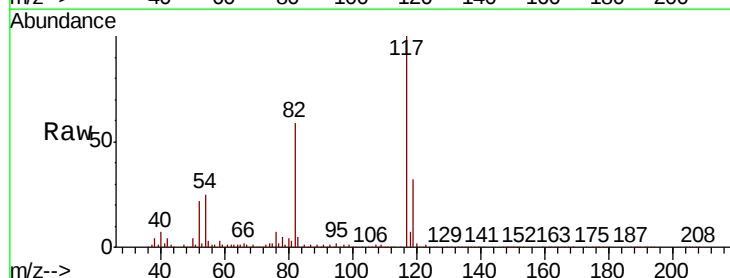
Tgt Ion: 117 Resp: 280229

Ion Ratio Lower Upper

117 100

82 58.2 45.1 67.7

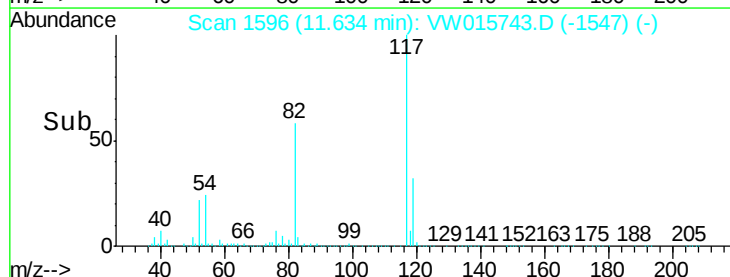
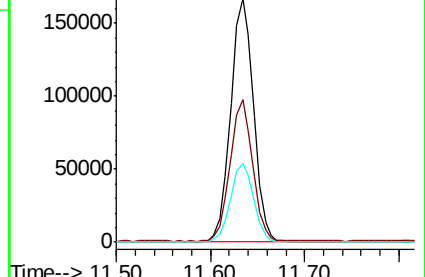
119 32.2 25.8 38.8

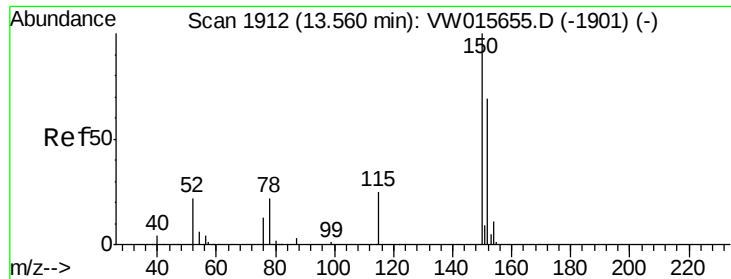


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015743.D

Acq: 26 Jun 2020 13:41

Instrument :

MSVOA_W

ClientSampleId :

TP

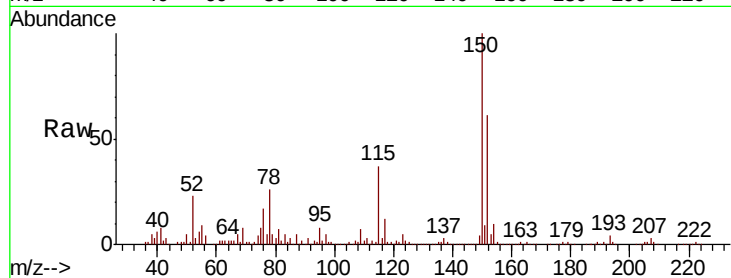
Tot Ion:152 Resp: 135956

Ion Ratio Lower Upper

152 100

115 60.7 30.1 90.5

150 157.7 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

