

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062019\
 Data File : VW010887.D
 Acq On : 20 Jun 2019 12:53
 Operator : SY/VA
 Sample : K3429-04
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TT-002-IDWGW-20190617

Quant Time: Jun 21 08:02:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

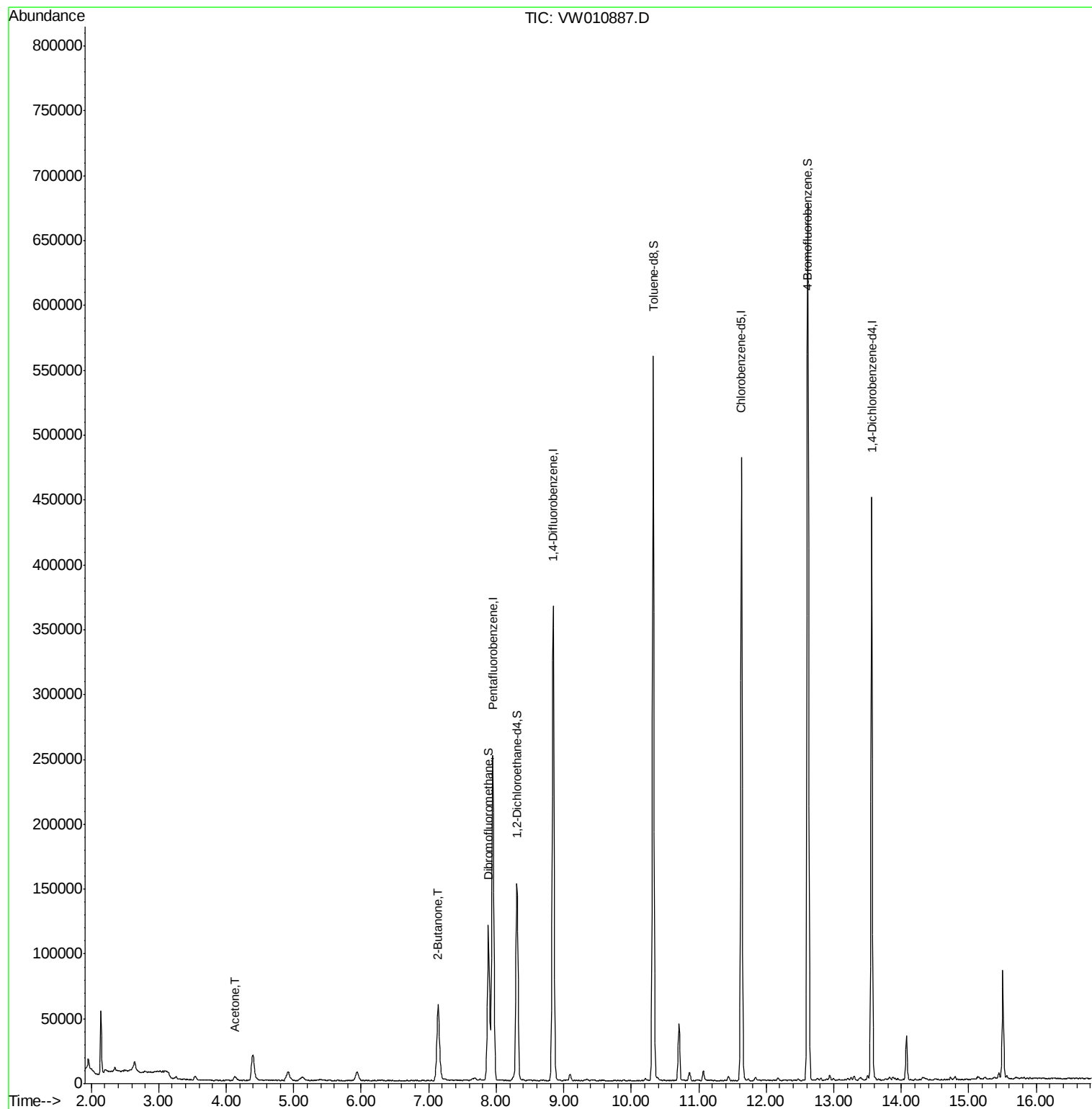
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	180131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	287957	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	244849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	106605	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	121600	57.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.54%	
35) Dibromofluoromethane	7.88	113	83949	53.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.42%	
50) Toluene-d8	10.32	98	346671	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
62) 4-Bromofluorobenzene	12.62	95	121761	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
Target Compounds						
16) Acetone	4.14	43	5840	10.266	ug/l #	86
25) 2-Butanone	7.14	43	3810	4.830	ug/l #	85

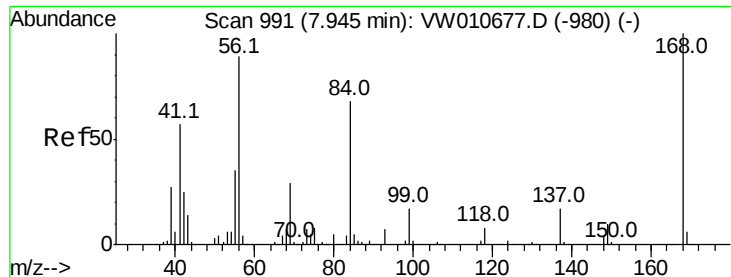
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 05 03:21:19 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

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Acq: 20 Jun 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

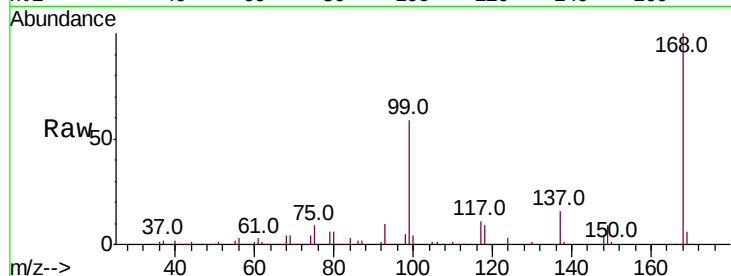
TT-002-IDW/GW-20190617

Tot Ion:168 Resp: 180131

Ion Ratio Lower Upper

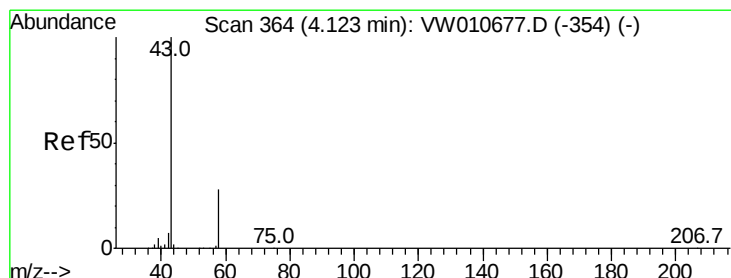
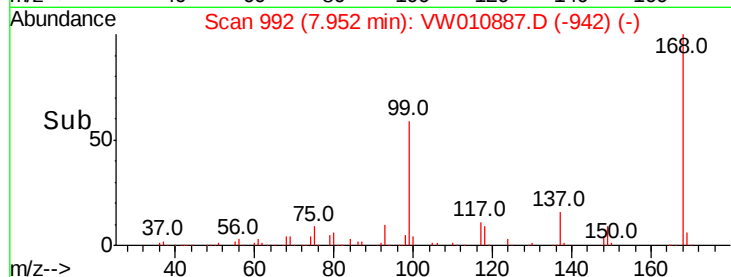
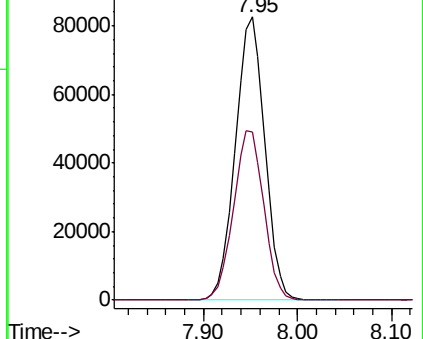
168 100

99 59.4 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 10.266 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW010887.D

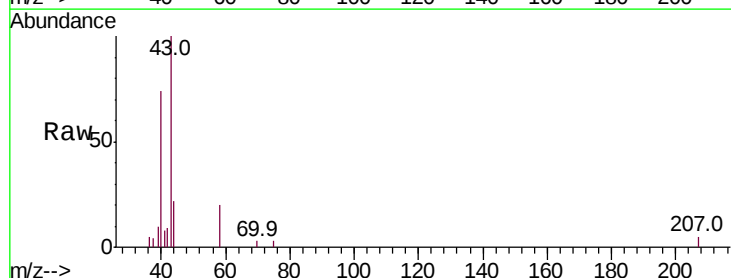
Acq: 20 Jun 2019 12:53

Tgt Ion: 43 Resp: 5840

Ion Ratio Lower Upper

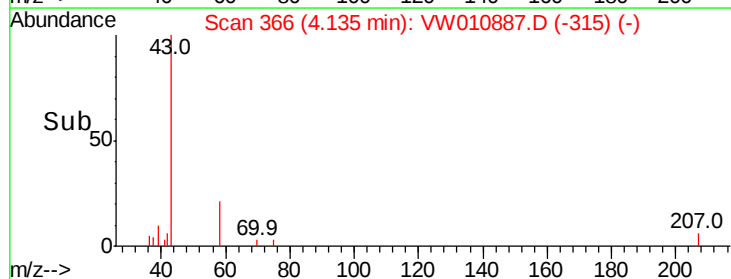
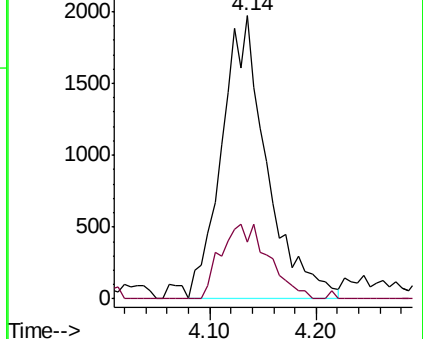
43 100

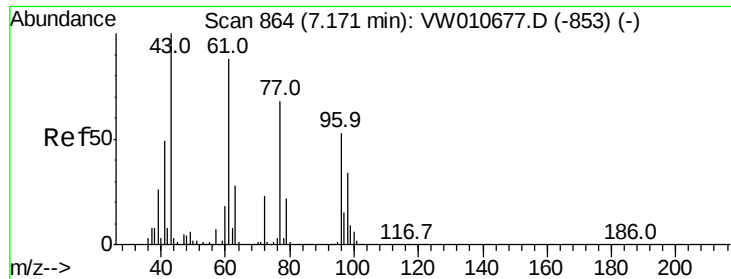
58 20.1 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#25

2-Butanone

Concen: 4.830 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW010887.D

Acq: 20 Jun 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

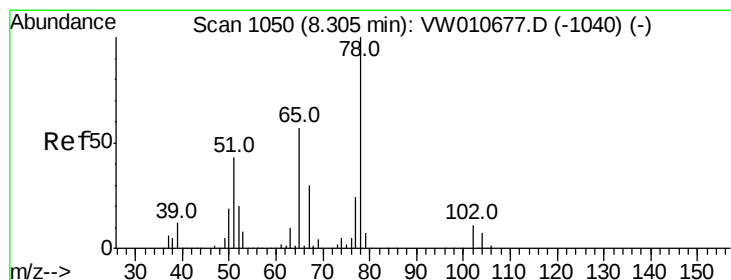
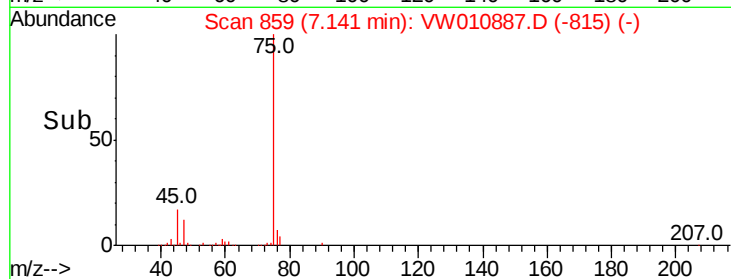
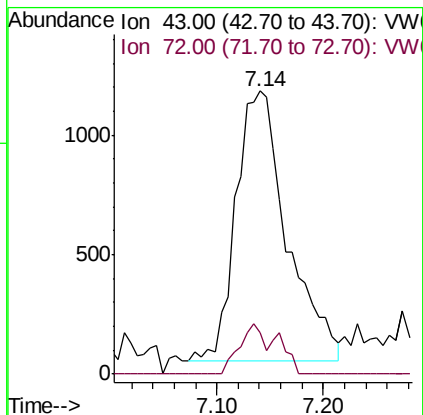
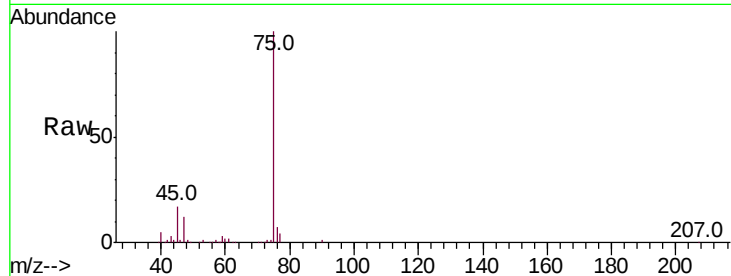
TT-002-IDW/GW-20190617

Tot Ion: 43 Resp: 3810

Ion Ratio Lower Upper

43 100

72 15.2 18.1 27.1#



#33

1,2-Dichloroethane-d4

Concen: 57.273 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010887.D

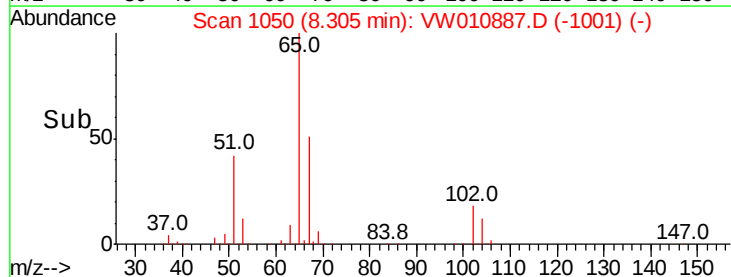
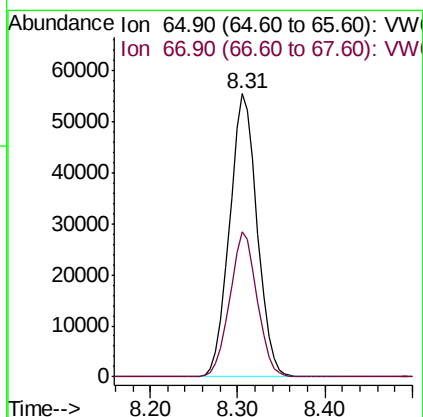
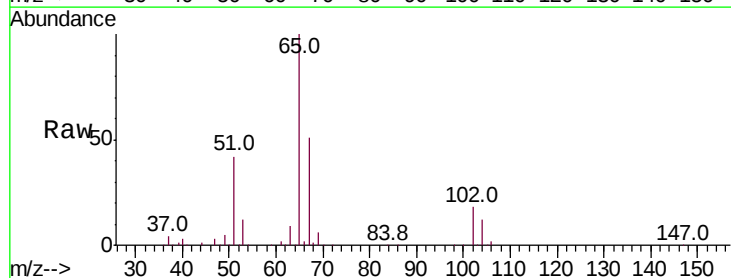
Acq: 20 Jun 2019 12:53

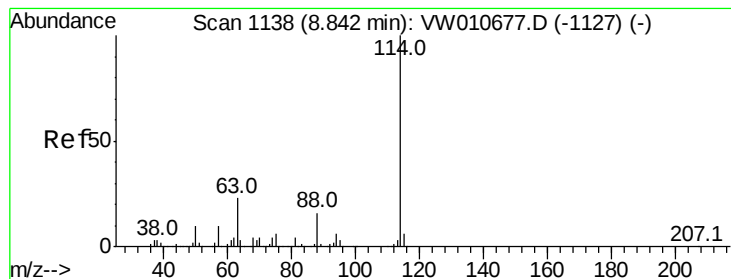
Tgt Ion: 65 Resp: 121600

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010887.D

Acq: 20 Jun 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

TT-002-IDW/GW-20190617

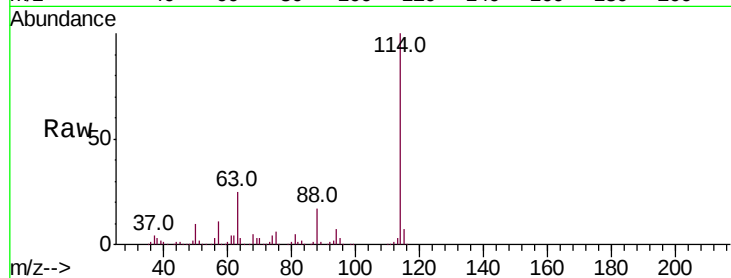
Tot Ion:114 Resp: 287957

Ion Ratio Lower Upper

114 100

63 25.2 0.0 46.4

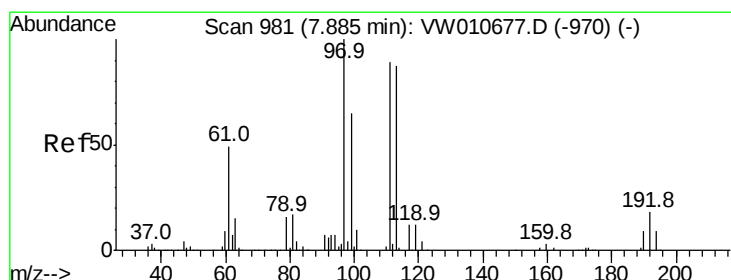
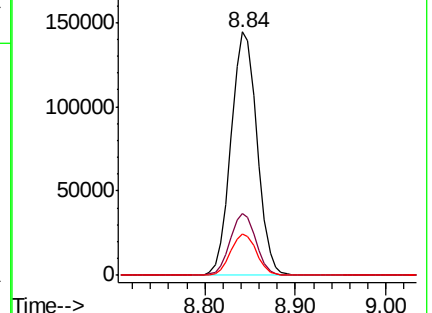
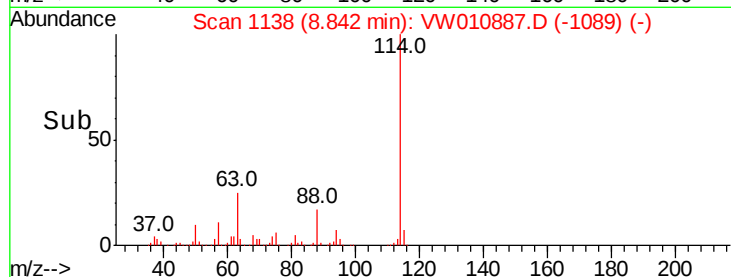
88 17.1 0.0 32.2



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: 53.711 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010887.D

Acq: 20 Jun 2019 12:53

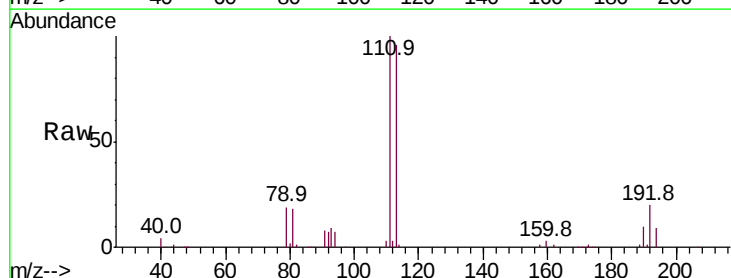
Tgt Ion:113 Resp: 83949

Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

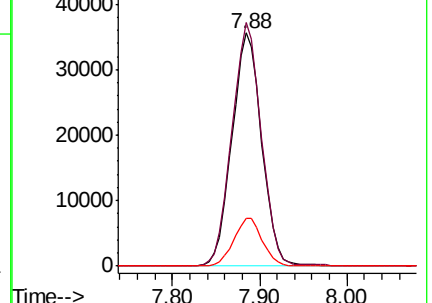
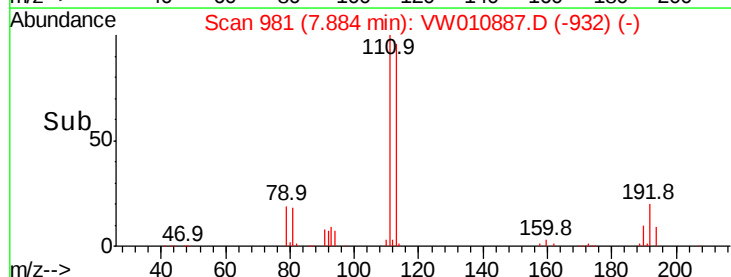
192 19.7 16.4 24.6

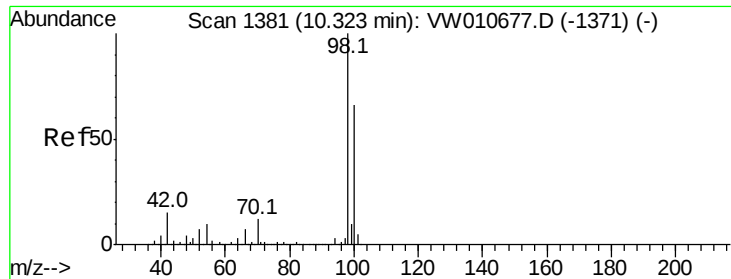


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.581 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010887.D

Acq: 20 Jun 2019 12:53

Instrument :

MSVOA_W

ClientSampleId :

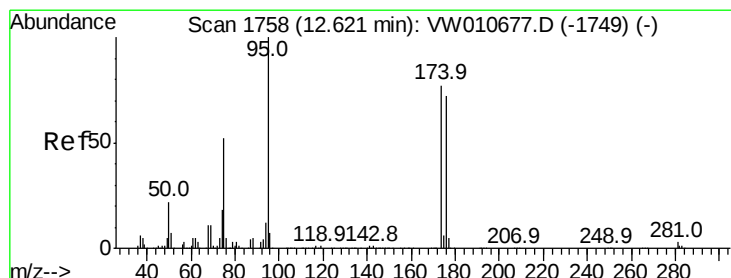
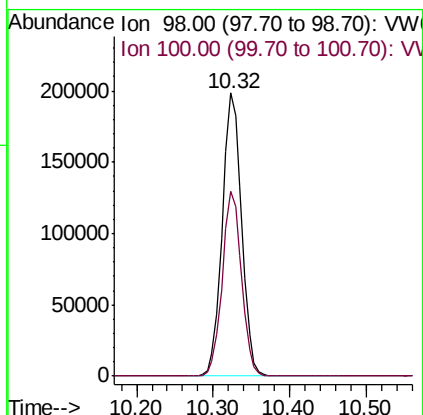
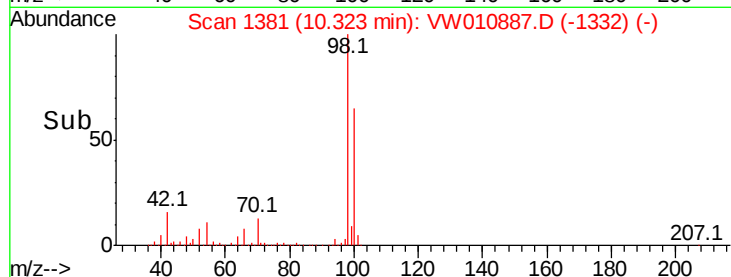
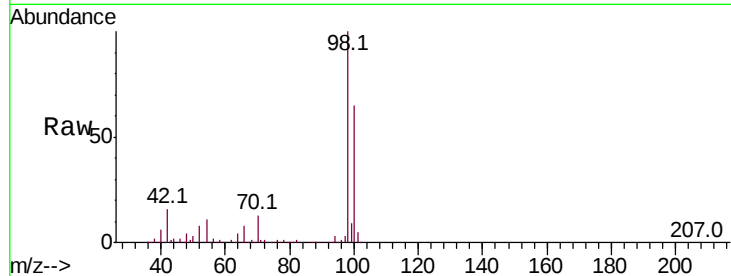
TT-002-IDW/GW-20190617

Tot Ion: 98 Resp: 346671

Ion Ratio Lower Upper

98 100

100 64.8 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 48.821 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010887.D

Acq: 20 Jun 2019 12:53

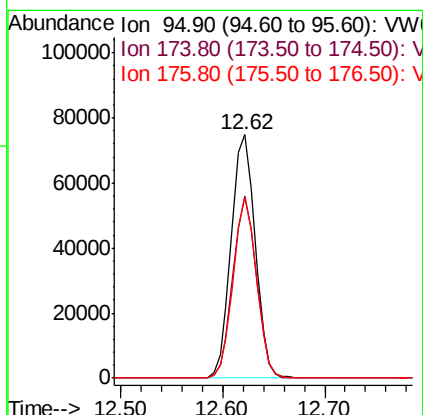
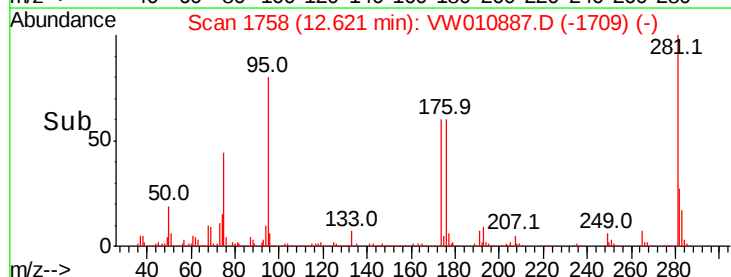
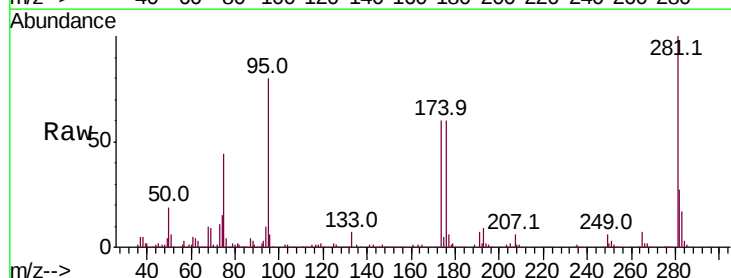
Tgt Ion: 95 Resp: 121761

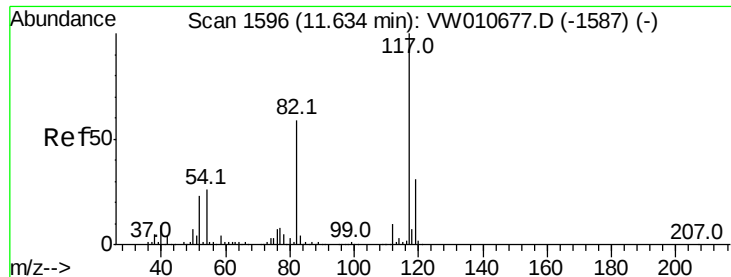
Ion Ratio Lower Upper

95 100

174 73.0 0.0 150.4

176 71.8 0.0 144.8

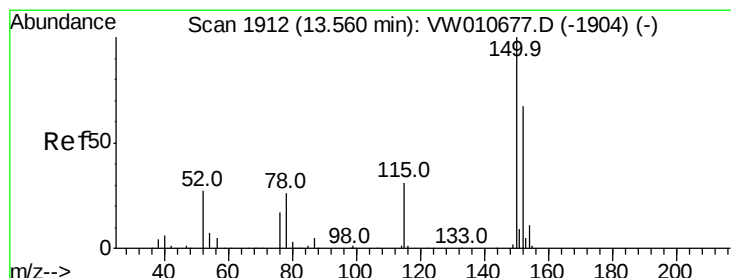
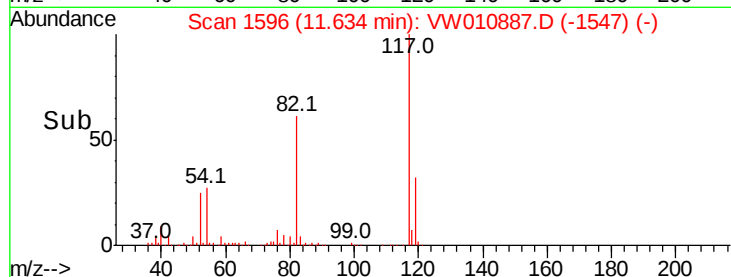
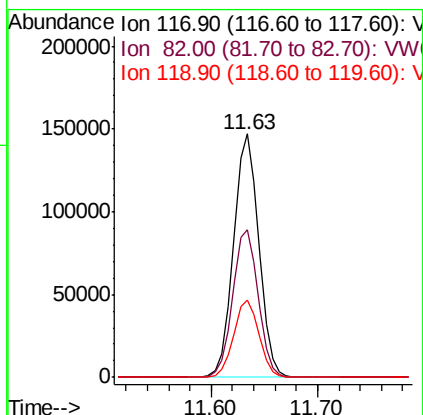
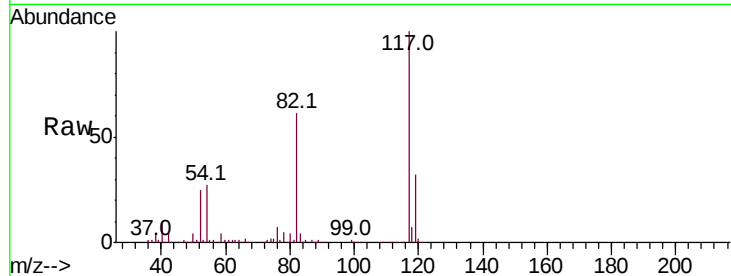




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010887.D
Acq: 20 Jun 2019 12:53

Instrument :
MSVOA_W
ClientSampleId :
TT-002-IDW/GW-20190617

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.6	47.0	70.4
119	31.5	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010887.D
Acq: 20 Jun 2019 12:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	29.8	89.3
150	155.6	0.0	345.0

