

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071219\
 Data File : VW011228.D
 Acq On : 11 Jul 2019 14:43
 Operator : SY/VA
 Sample : K3757-01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY0300F002-SD-190710

Quant Time: Jul 15 14:02:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

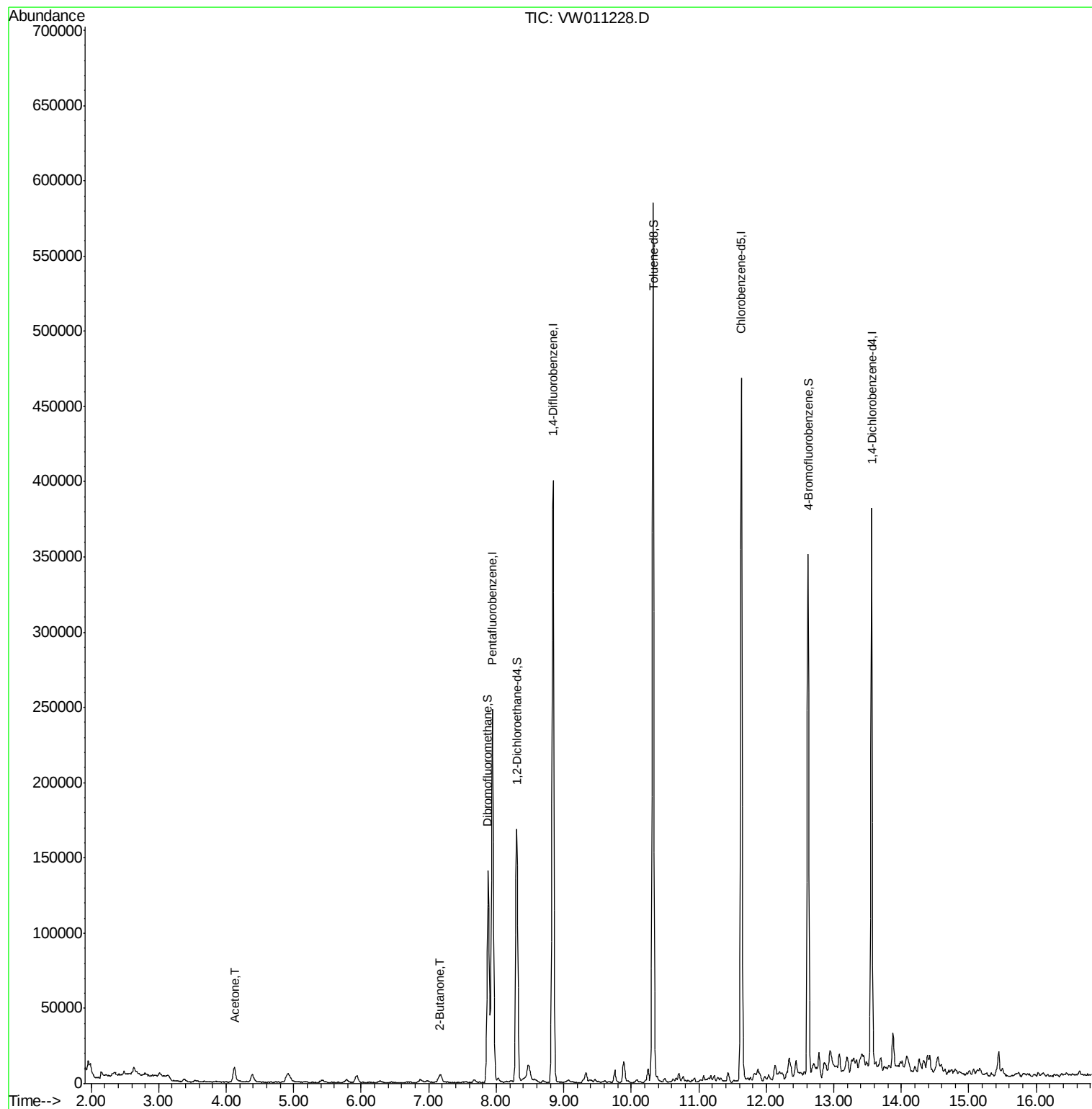
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	176810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	309735	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	241983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	88221	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	134978	60.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.50%	
35) Dibromofluoromethane	7.88	113	98220	53.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.40%	
50) Toluene-d8	10.32	98	366840	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
62) 4-Bromofluorobenzene	12.62	95	113199	41.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.78%	
Target Compounds						
16) Acetone	4.12	43	20356	38.080	ug/l	95
25) 2-Butanone	7.17	43	7181	8.558	ug/l #	88

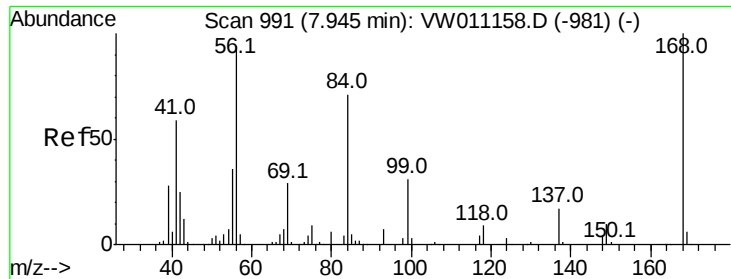
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011228.D

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ClientSampleId :

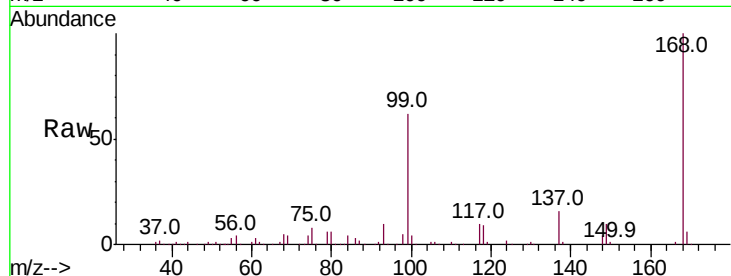
KY0300F002-SD-190710

Tot Ion:168 Resp: 176810

Ion Ratio Lower Upper

168 100

99 62.3 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

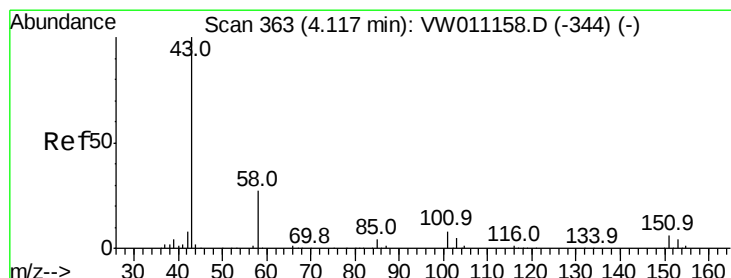
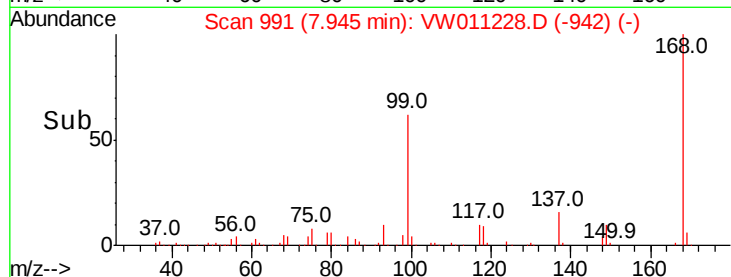
40000

20000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 38.080 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011228.D

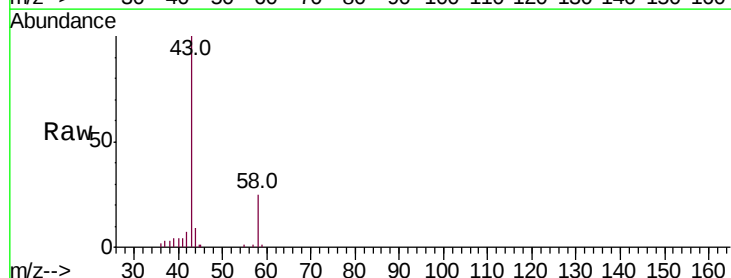
Acq: 11 Jul 2019 14:43

Tgt Ion: 43 Resp: 20356

Ion Ratio Lower Upper

43 100

58 24.7 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

6000

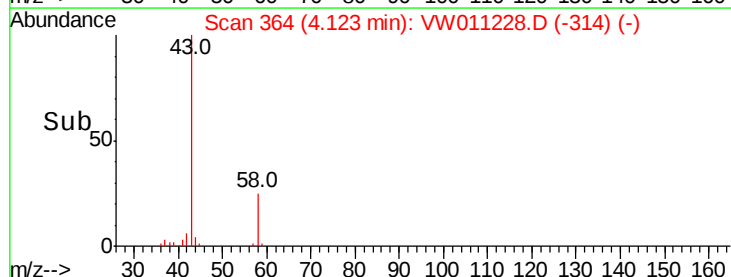
4000

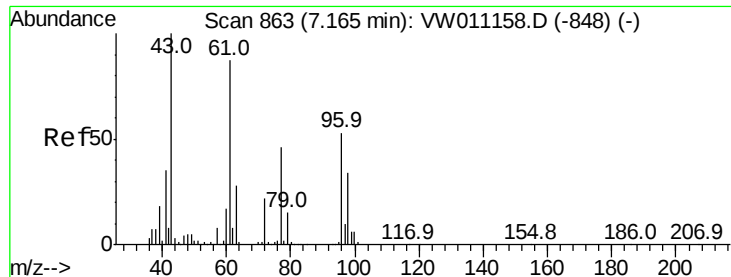
2000

0

4.00 4.10 4.20

Time-->





#25

2-Butanone

Concen: 8.558 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW011228.D

Acq: 11 Jul 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

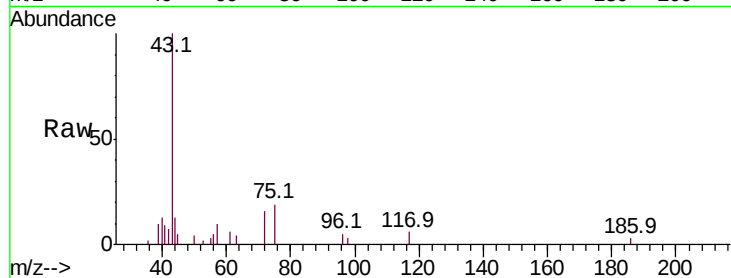
KY0300F002-SD-190710

Tot Ion: 43 Resp: 7181

Ion Ratio Lower Upper

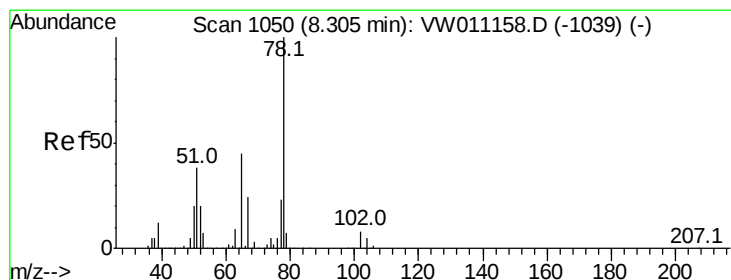
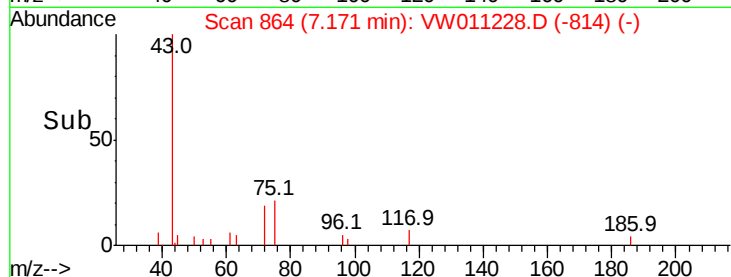
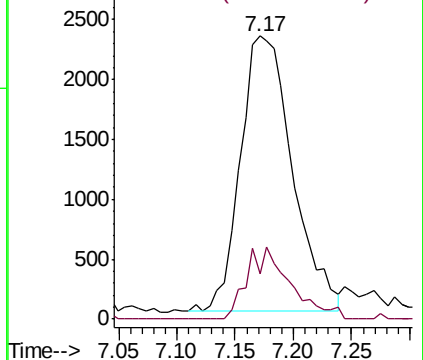
43 100

72 16.5 17.6 26.4#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#33

1,2-Dichloroethane-d4

Concen: 60.755 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011228.D

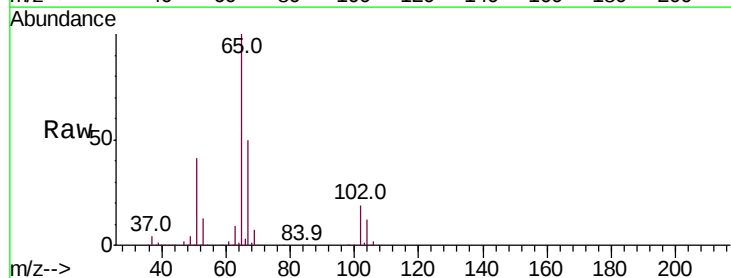
Acq: 11 Jul 2019 14:43

Tgt Ion: 65 Resp: 134978

Ion Ratio Lower Upper

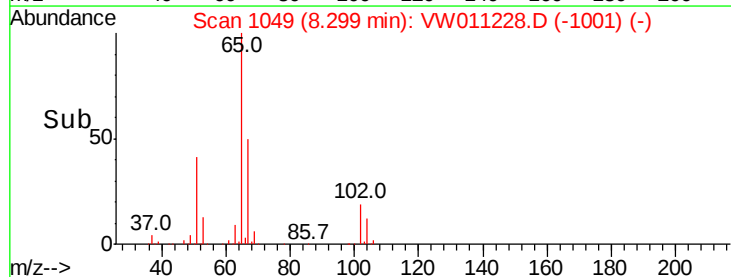
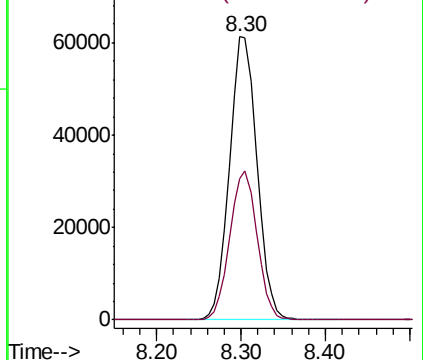
65 100

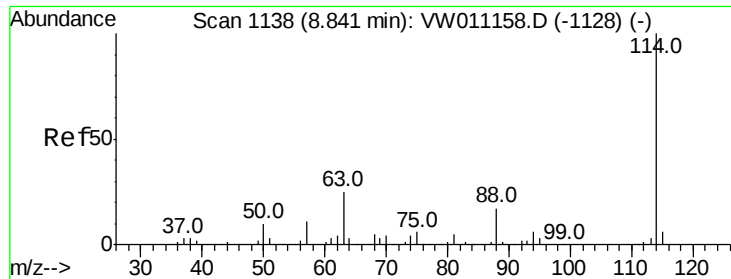
67 52.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

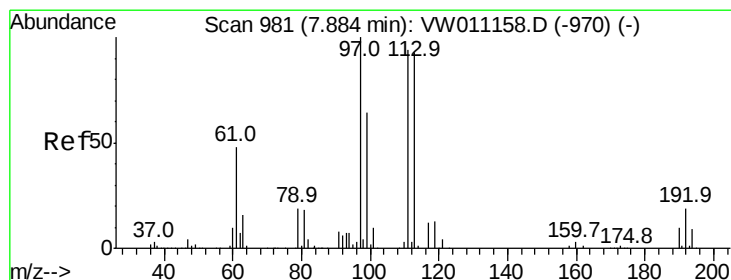
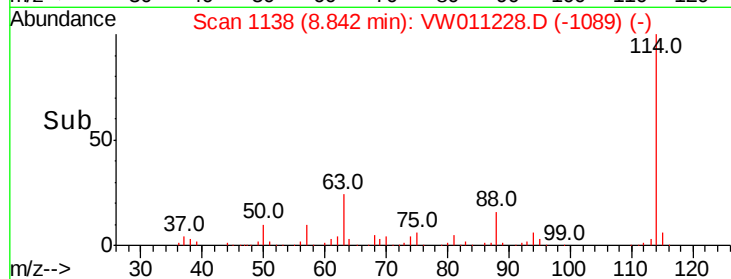
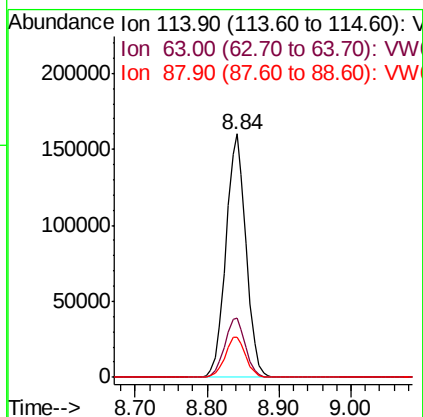
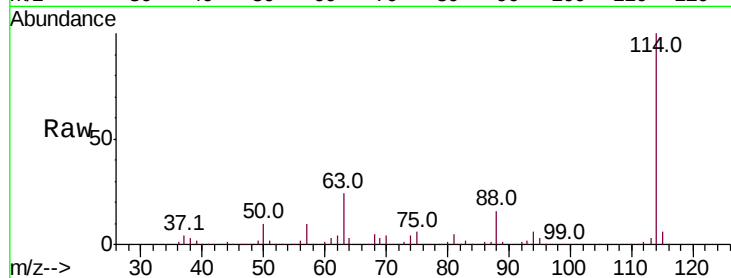




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011228.D
 Acq: 11 Jul 2019 14:43

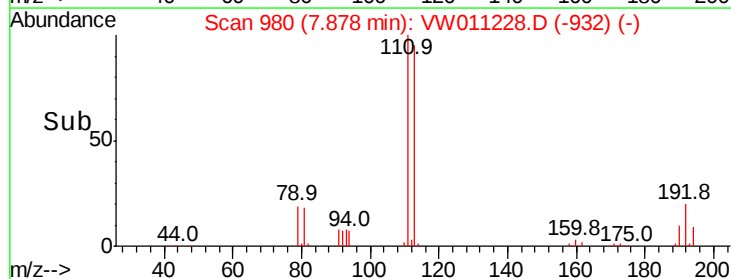
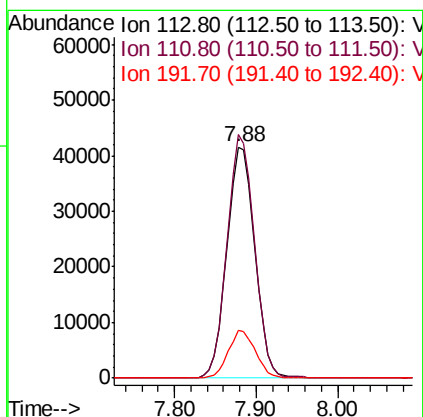
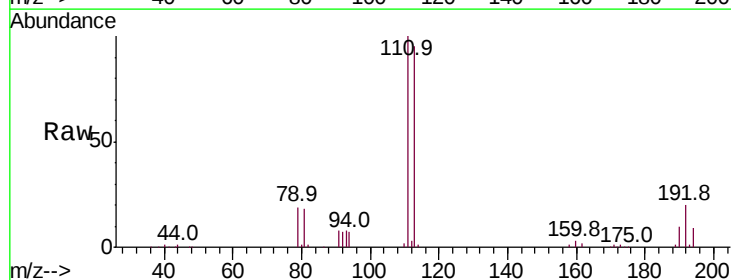
Instrument :
 MSVOA_W
 ClientSampleId :
 KY0300F002-SD-190710

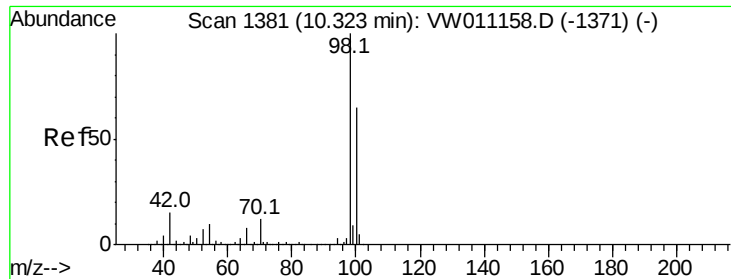
Tot Ion:	114	Resp:	309735
Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	50.8
88	16.4	0.0	34.2



#35
 Dibromofluoromethane
 Concen: 53.202 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011228.D
 Acq: 11 Jul 2019 14:43

Tgt Ion:	113	Resp:	98220
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.4	123.6
192	19.9	15.8	23.8





#50

Toluene-d8

Concen: 49.158 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011228.D

Acq: 11 Jul 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

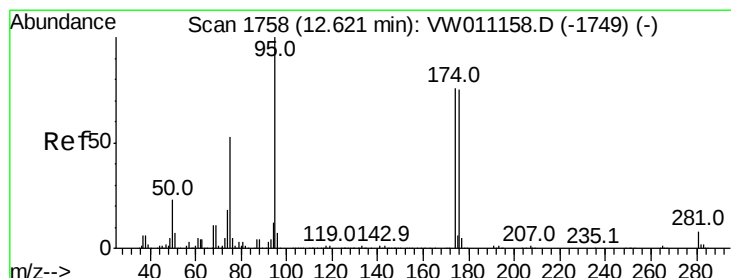
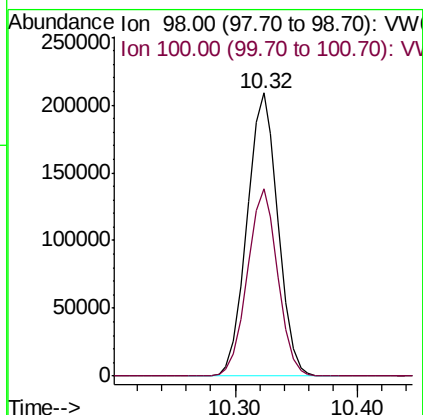
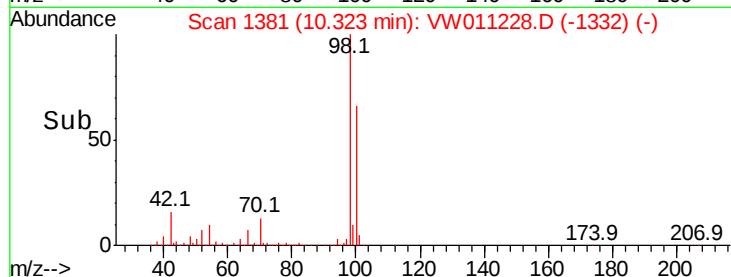
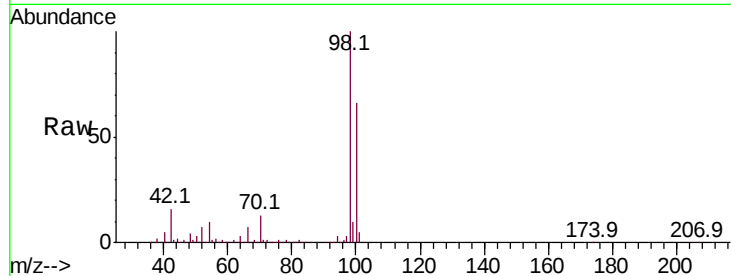
KY0300F002-SD-190710

Tot Ion: 98 Resp: 366840

Ion Ratio Lower Upper

98 100

100 65.2 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 41.385 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011228.D

Acq: 11 Jul 2019 14:43

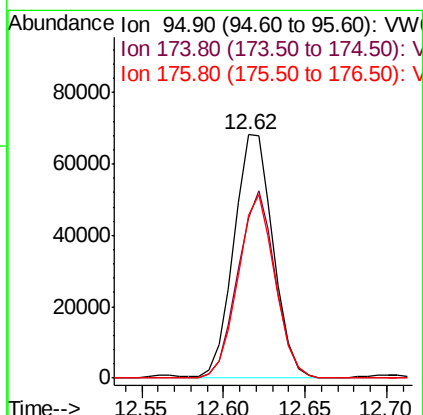
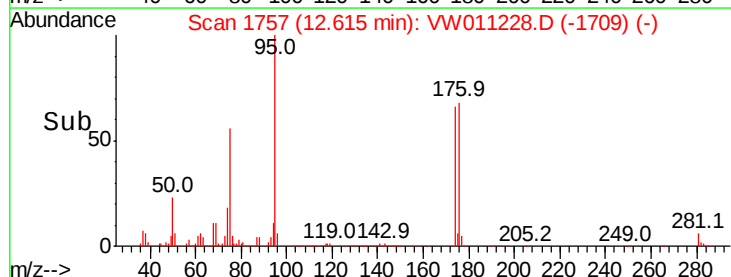
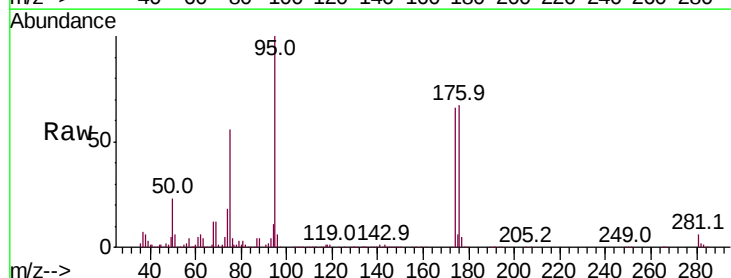
Tgt Ion: 95 Resp: 113199

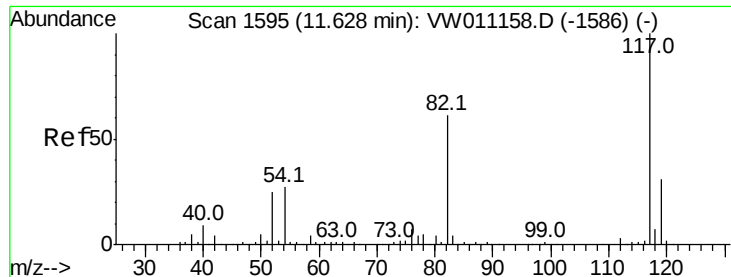
Ion Ratio Lower Upper

95 100

174 74.0 0.0 147.6

176 71.8 0.0 144.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.01 min

Lab File: VW011228.D

Acq: 11 Jul 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

KY0300F002-SD-190710

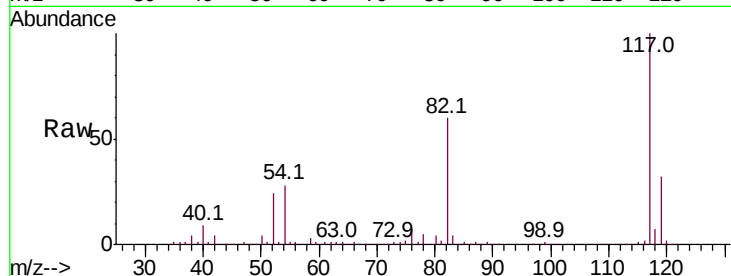
Tot Ion:117 Resp: 241983

Ion Ratio Lower Upper

117 100

82 59.6 48.9 73.3

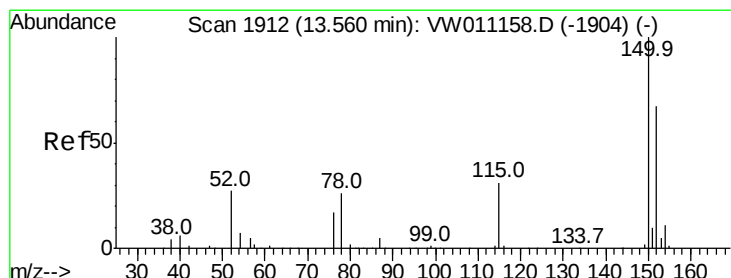
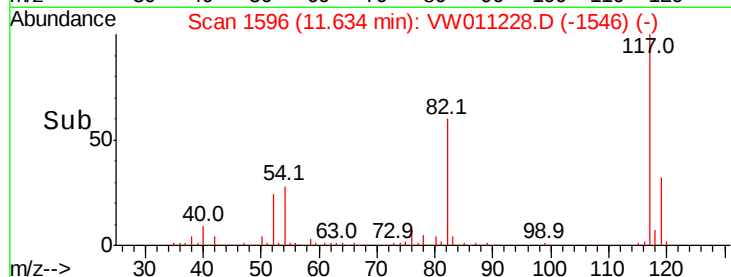
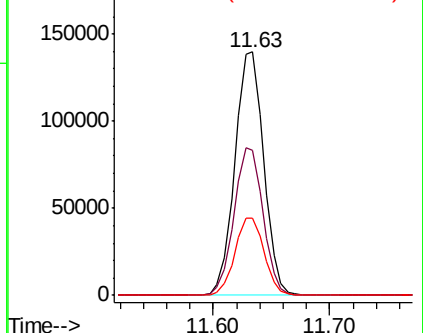
119 31.9 25.0 37.6



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: VW011228.D

Acq: 11 Jul 2019 14:43

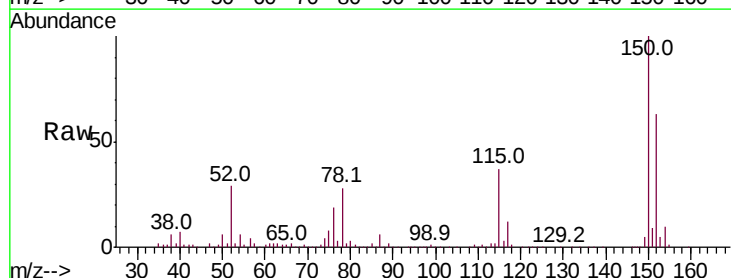
Tgt Ion:152 Resp: 88221

Ion Ratio Lower Upper

152 100

115 60.1 30.1 90.3

150 154.2 0.0 346.0



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

