

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071219\
 Data File : VW011223.D
 Acq On : 11 Jul 2019 12:29
 Operator : SY/VA
 Sample : K3733-05RE
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC001-SD-190709RE

Quant Time: Jul 12 09:10:44 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

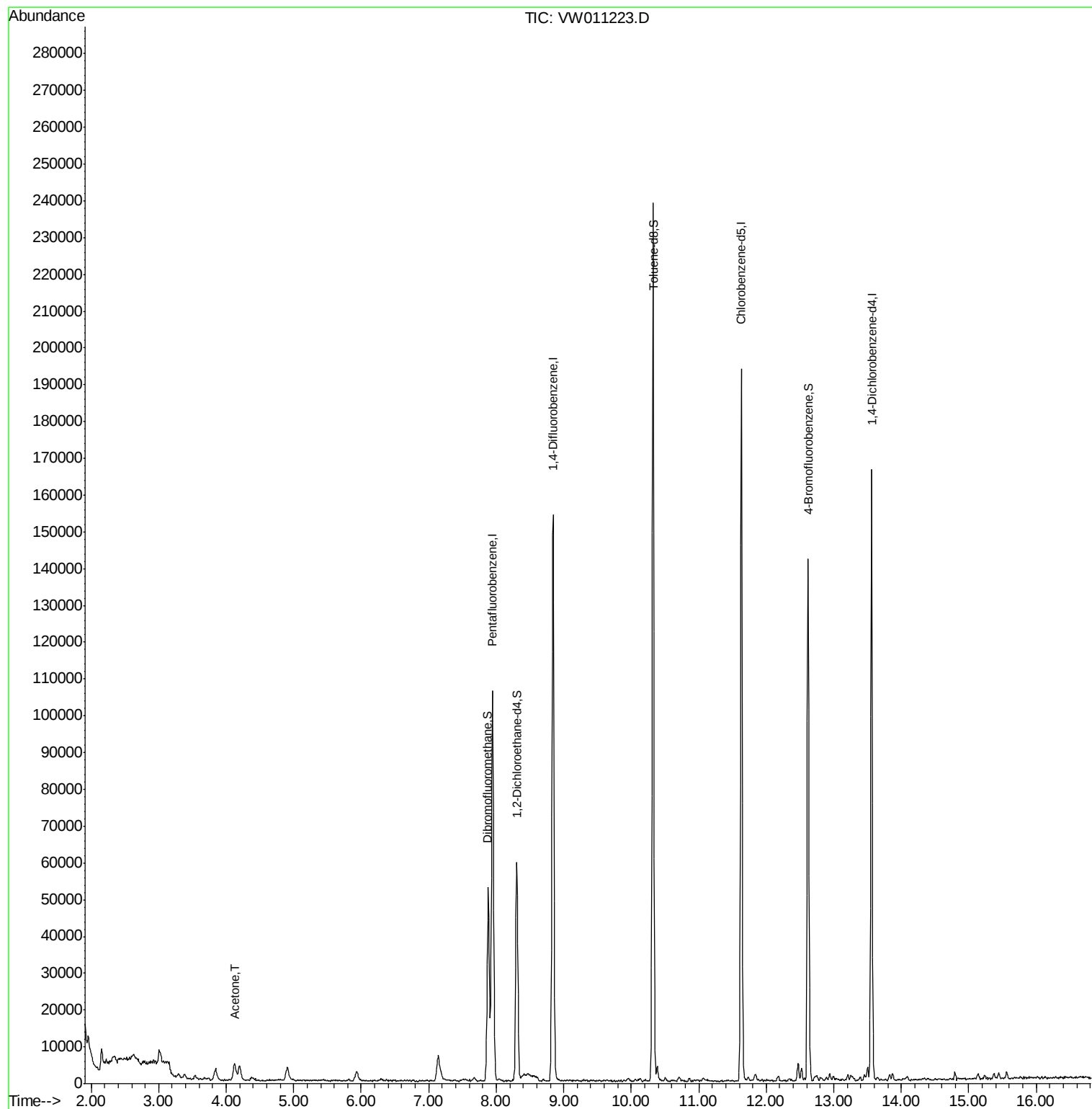
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	77058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	122225	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	100011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	40208	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	46666	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
35) Dibromofluoromethane	7.88	113	36589	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
50) Toluene-d8	10.32	98	148266	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.62	95	46619	43.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.38%	
Target Compounds						
16) Acetone	4.13	43	9188	39.438	ug/l	Qvalue 100

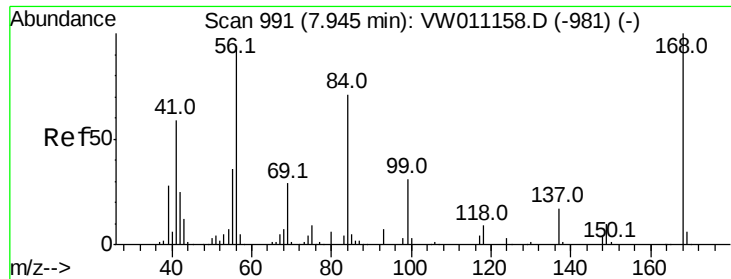
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

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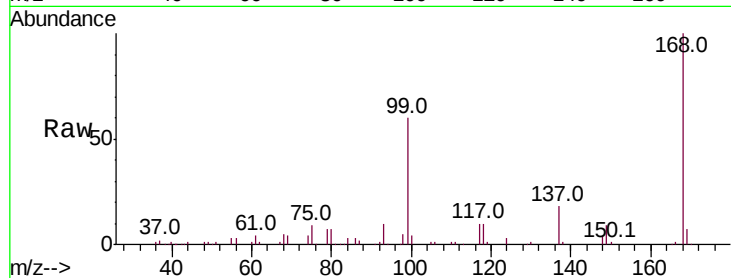
Instrument :
MSVOA_W
ClientSampleId :
KY030LC001-SD-190709RE

Tot Ion:168 Resp: 77058

Ion Ratio Lower Upper

168 100

99 59.8 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

30000

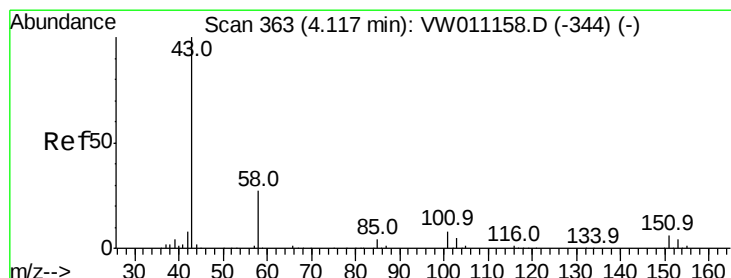
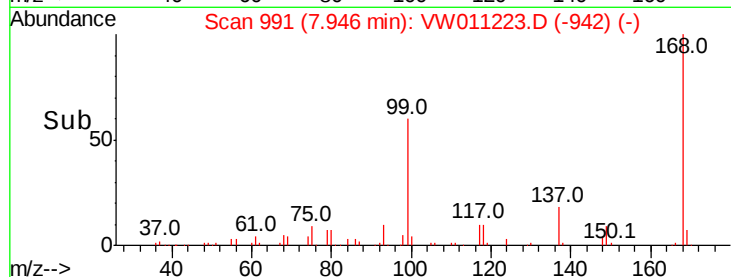
20000

10000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 39.438 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011223.D

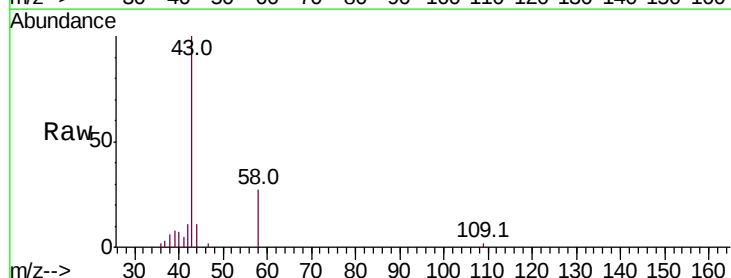
Acq: 11 Jul 2019 12:29

Tgt Ion: 43 Resp: 9188

Ion Ratio Lower Upper

43 100

58 27.4 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

3000

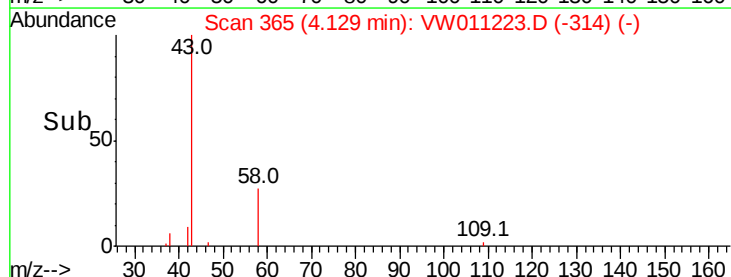
2000

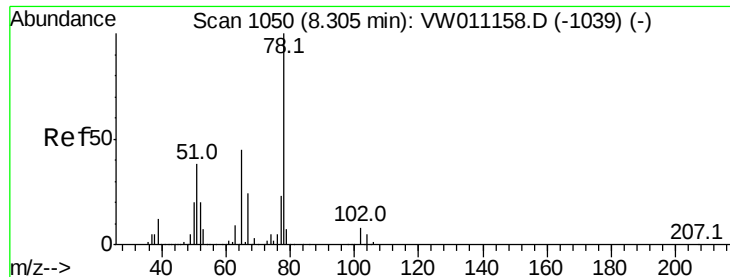
1000

0

4.05 4.10 4.15 4.20

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.196 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011223.D

Acq: 11 Jul 2019 12:29

Instrument :

MSVOA_W

ClientSampleId :

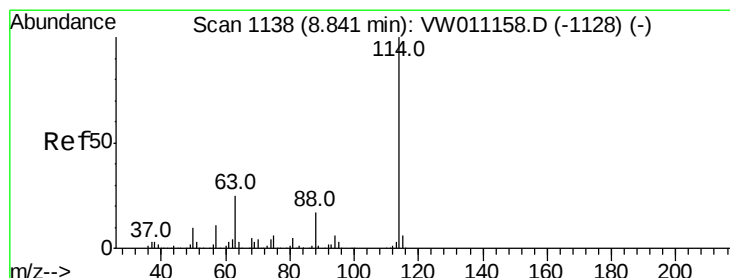
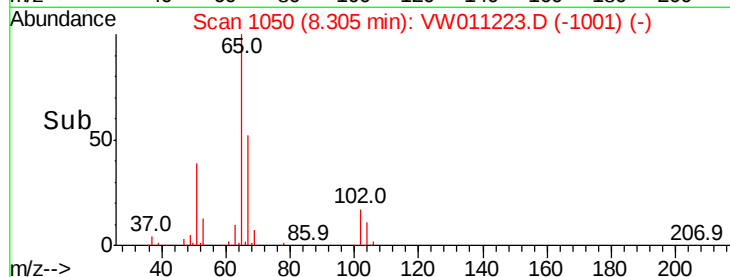
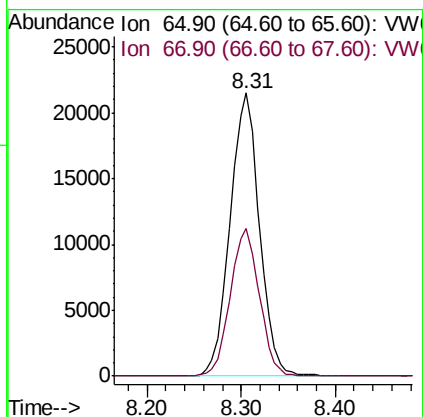
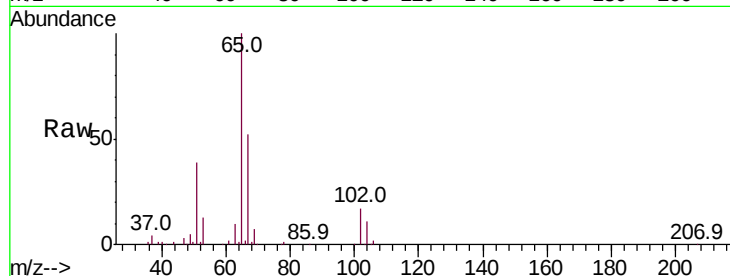
KY030LC001-SD-190709RE

Tot Ion: 65 Resp: 46666

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW011223.D

Acq: 11 Jul 2019 12:29

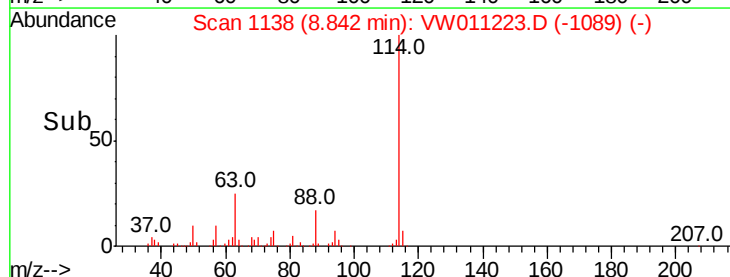
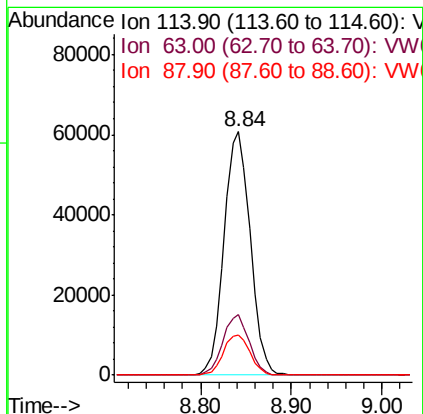
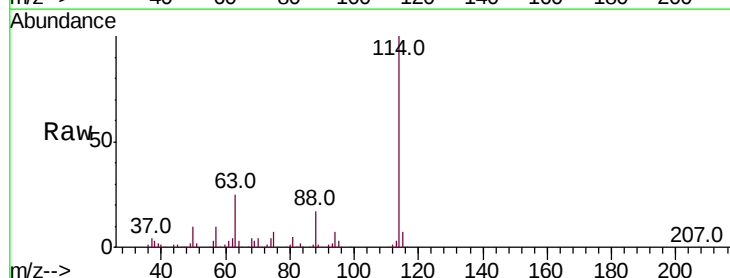
Tgt Ion: 114 Resp: 122225

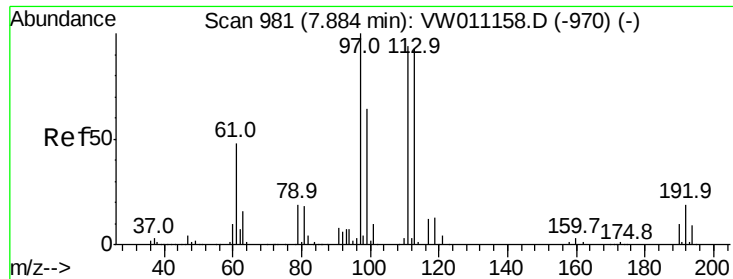
Ion Ratio Lower Upper

114 100

63 24.8 0.0 50.8

88 16.6 0.0 34.2

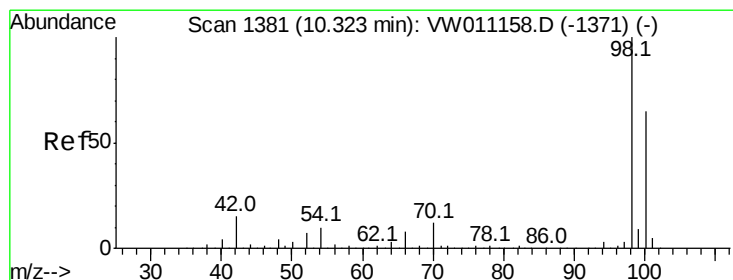
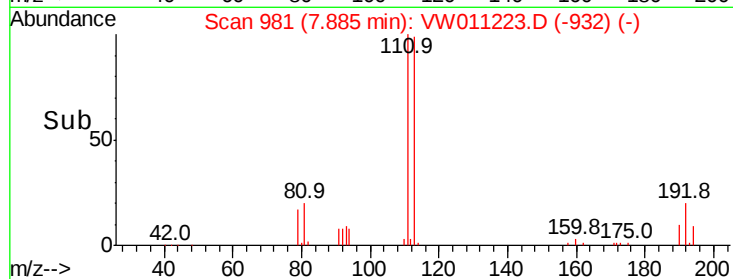
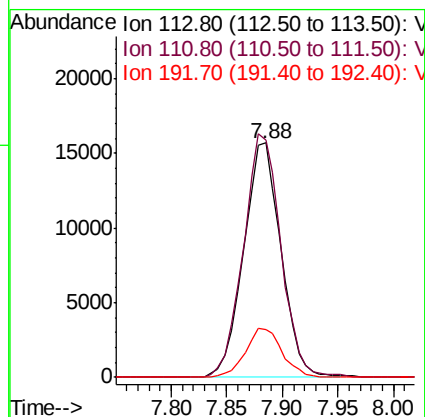
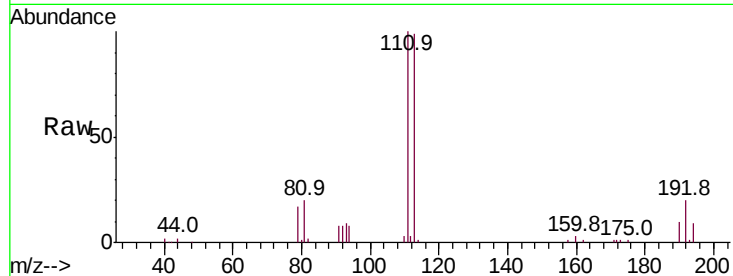




#35
 Dibromofluoromethane
 Concen: 50.224 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011223.D
 Acq: 11 Jul 2019 12:29

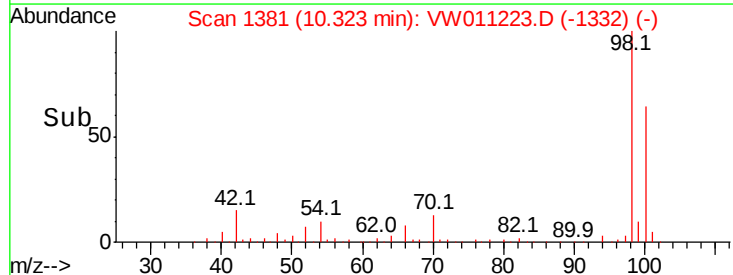
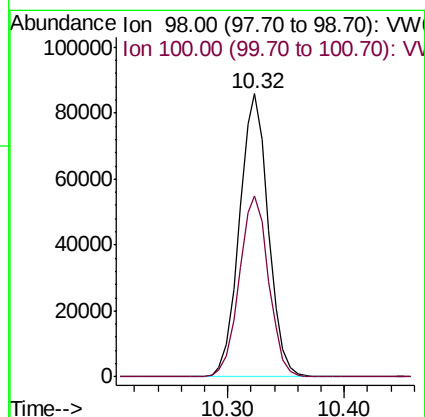
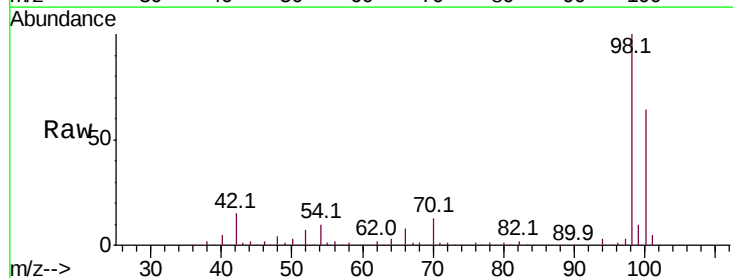
Instrument :
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 KY030LC001-SD-190709RE

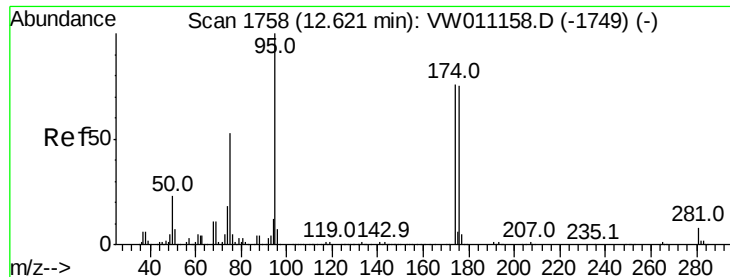
Tot Ion:113 Resp: 36589
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.4 123.6
 192 20.7 15.8 23.8



#50
 Toluene-d8
 Concen: 50.349 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW011223.D
 Acq: 11 Jul 2019 12:29

Tgt Ion: 98 Resp: 148266
 Ion Ratio Lower Upper
 98 100
 100 65.0 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 43.191 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011223.D

Acq: 11 Jul 2019 12:29

Instrument :

MSVOA_W

ClientSampleId :

KY030LC001-SD-190709RE

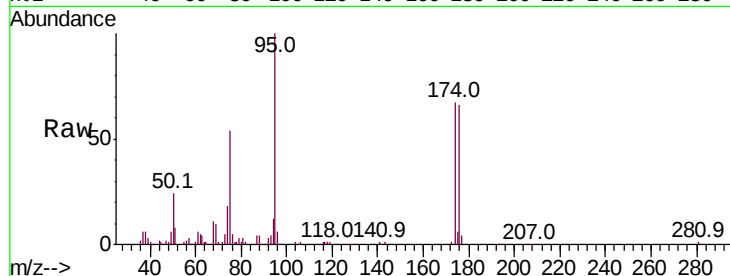
Tot Ion: 95 Resp: 46619

Ion Ratio Lower Upper

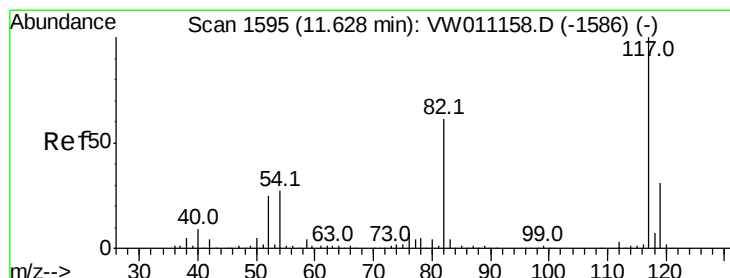
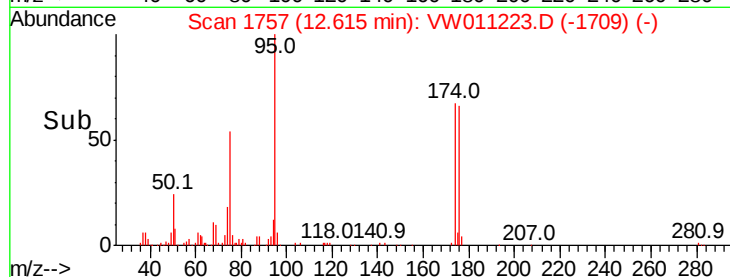
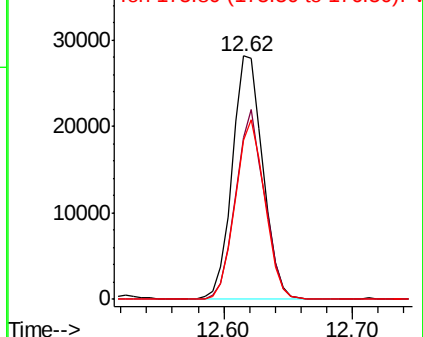
95 100

174 73.1 0.0 147.6

176 71.1 0.0 144.6



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# 1595

Delta R.T. 0.00 min

Lab File: VW011223.D

Acq: 11 Jul 2019 12:29

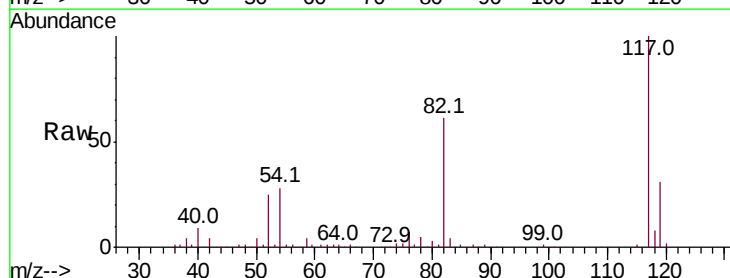
Tgt Ion: 117 Resp: 100011

Ion Ratio Lower Upper

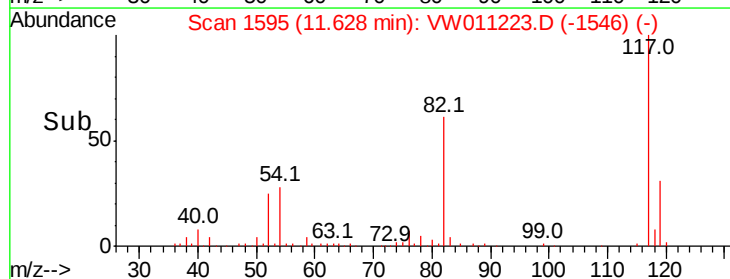
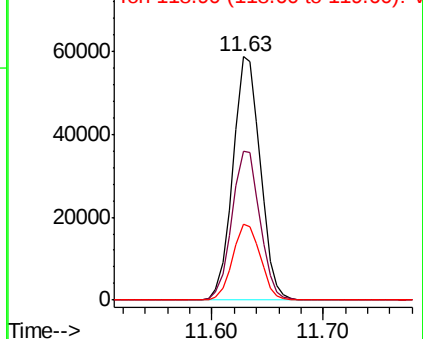
117 100

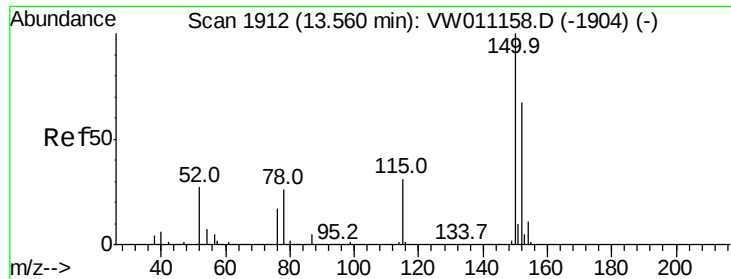
82 61.2 48.9 73.3

119 31.2 25.0 37.6



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: VW011223.D

Acq: 11 Jul 2019 12:29

Instrument :

MSVOA_W

ClientSampleId :

KY030LC001-SD-190709RE

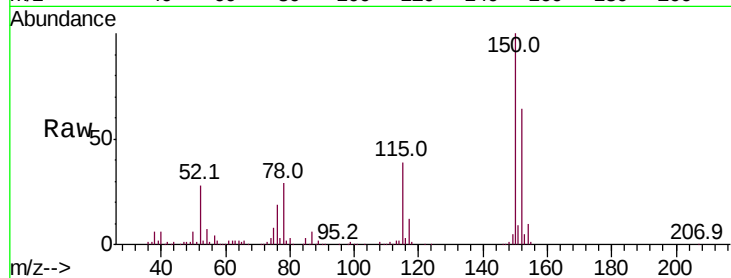
Tot Ion:152 Resp: 40208

Ion Ratio Lower Upper

152 100

115 59.3 30.1 90.3

150 156.8 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

