

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071119\
 Data File : VW011202.D
 Acq On : 10 Jul 2019 21:24
 Operator : SY/VA
 Sample : K3733-01
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC068-SD-190709

Quant Time: Jul 11 08:29:56 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

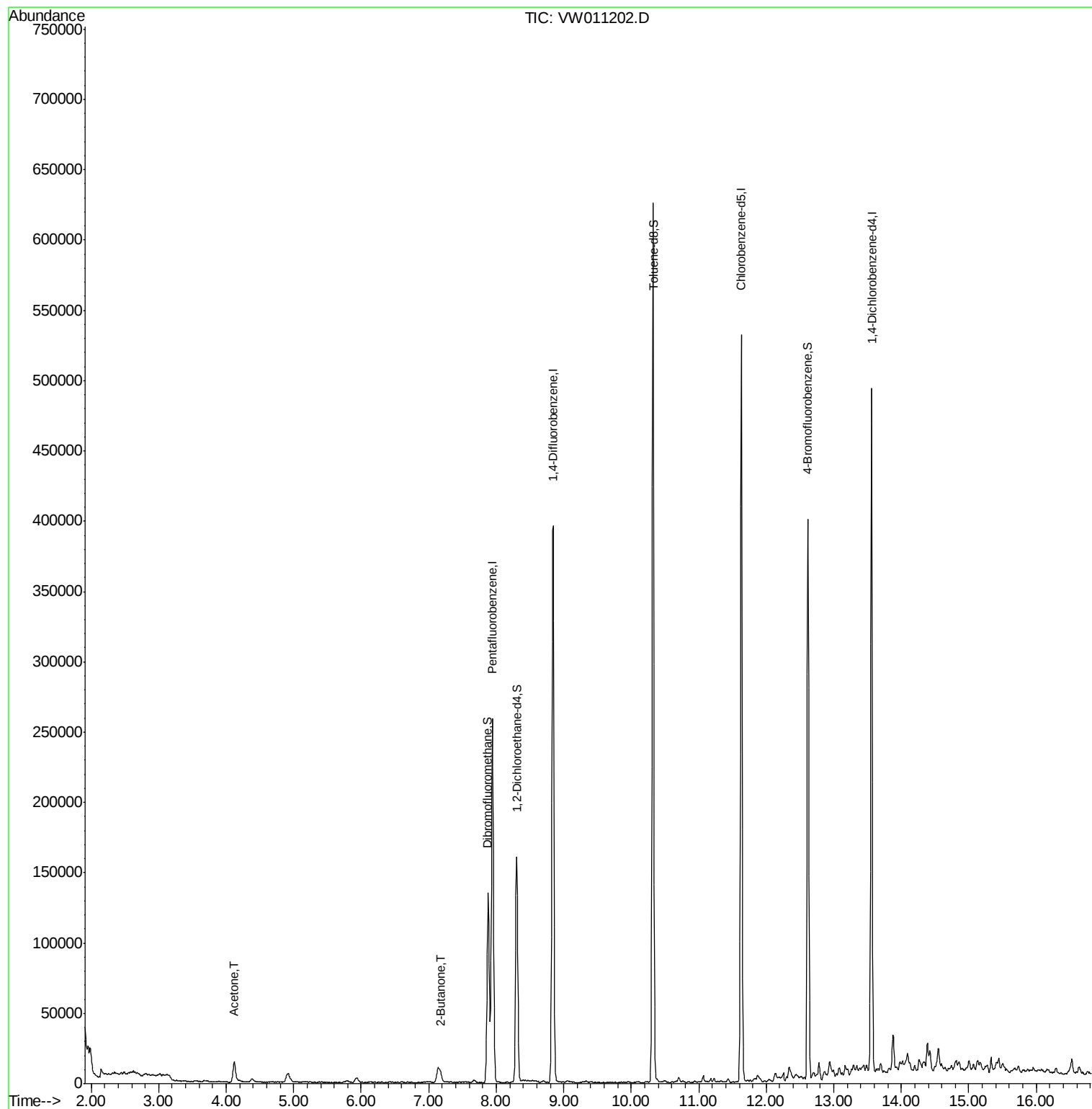
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	185327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	316607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	270229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	119042	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	128602	55.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.44%	
35) Dibromofluoromethane	7.88	113	97557	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
50) Toluene-d8	10.32	98	391148	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
62) 4-Bromofluorobenzene	12.62	95	130250	46.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.18%	
Target Compounds						
16) Acetone	4.12	43	27865	49.731	ug/l	99
25) 2-Butanone	7.18	43	10818	12.300	ug/l	96

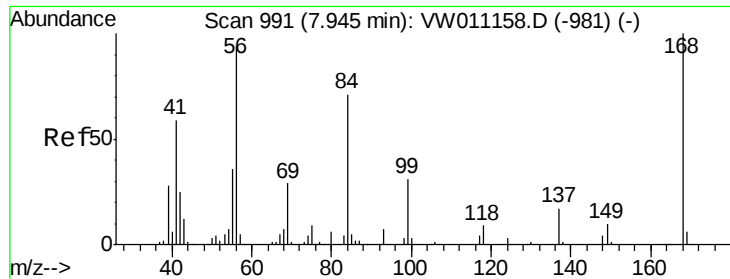
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 11 08:14:17 2019
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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: VW011202.D

Acq: 10 Jul 2019 21:24

Instrument :

MSVOA_W

ClientSampleId :

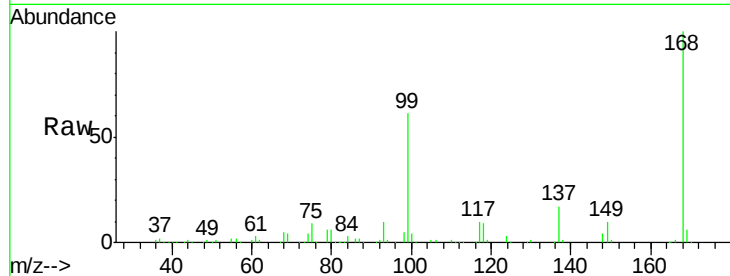
KY030LC068-SD-190709

Tot Ion:168 Resp: 185327

Ion Ratio Lower Upper

168 100

99 60.7 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

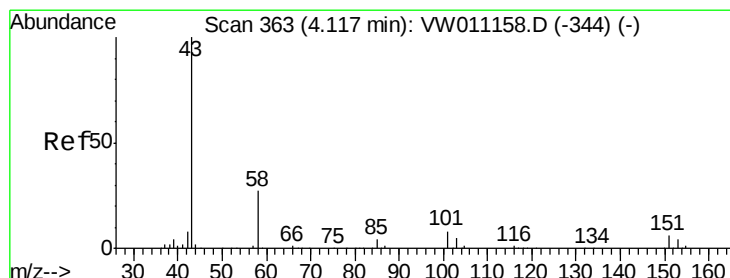
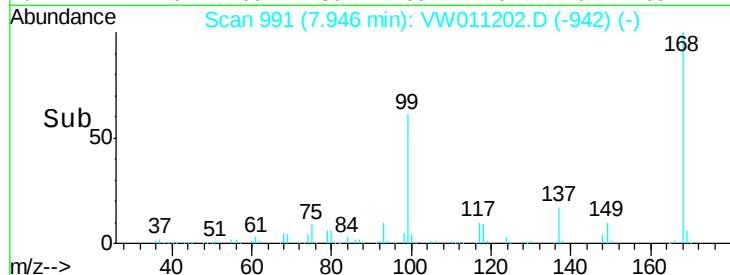
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 49.731 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011202.D

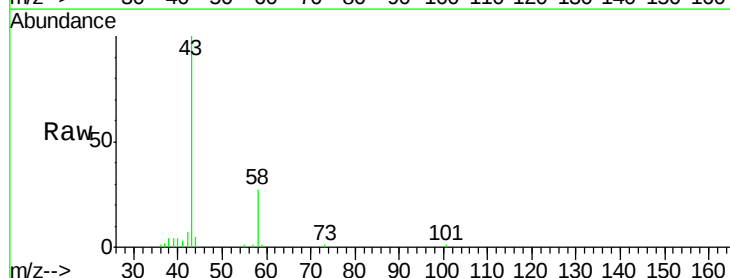
Acq: 10 Jul 2019 21:24

Tgt Ion: 43 Resp: 27865

Ion Ratio Lower Upper

43 100

58 26.5 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

10000

8000

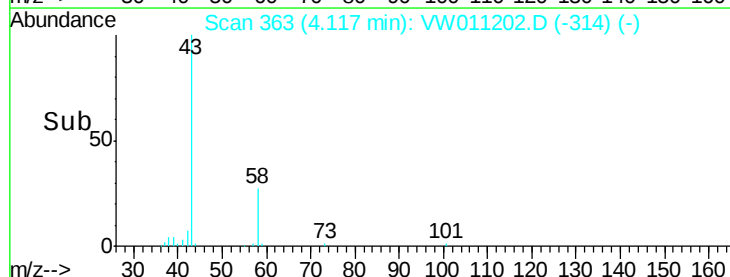
6000

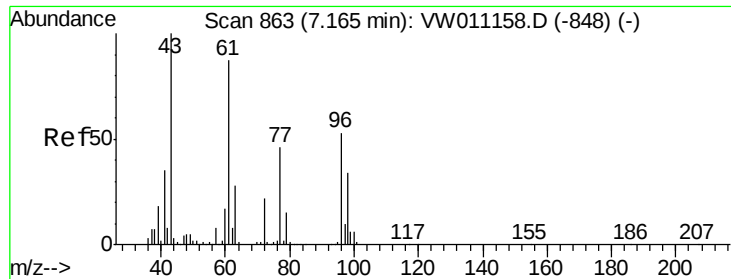
4000

2000

0

Time--> 4.00 4.10 4.20





#25

2-Butanone

Concen: 12.300 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW011202.D

Acq: 10 Jul 2019 21:24

Instrument :

MSVOA_W

ClientSampleId :

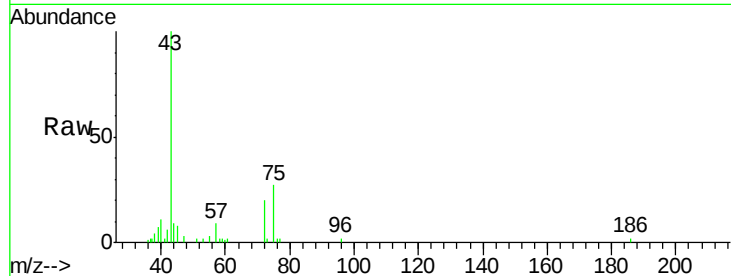
KY030LC068-SD-190709

Tot Ion: 43 Resp: 10818

Ion Ratio Lower Upper

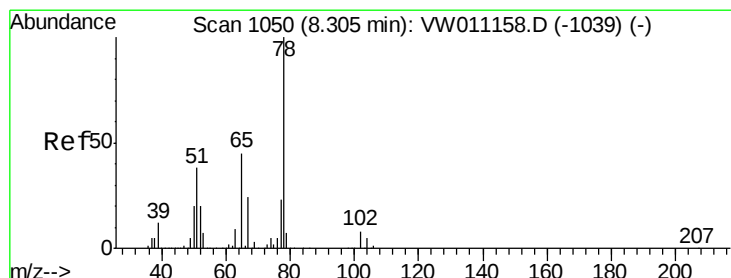
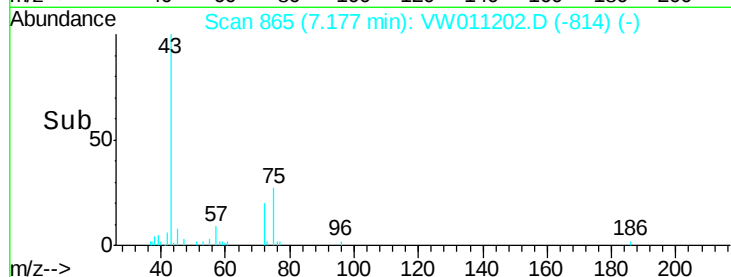
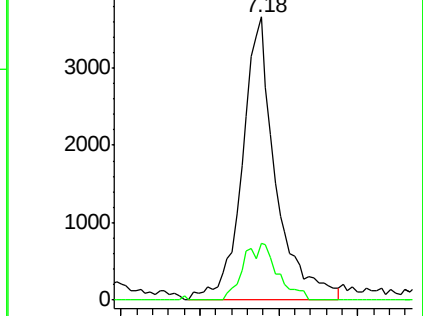
43 100

72 20.2 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: 55.225 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011202.D

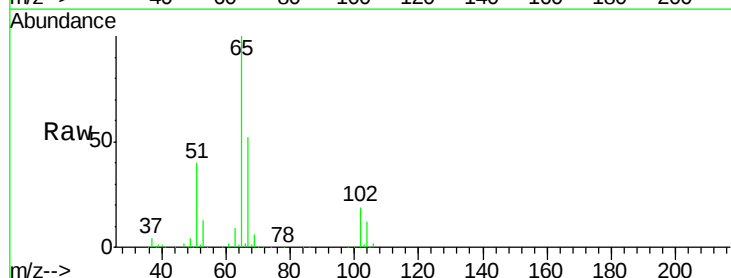
Acq: 10 Jul 2019 21:24

Tgt Ion: 65 Resp: 128602

Ion Ratio Lower Upper

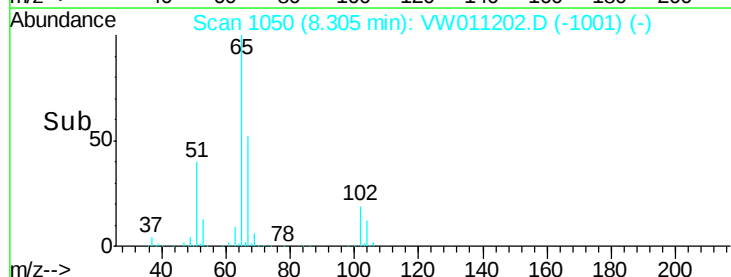
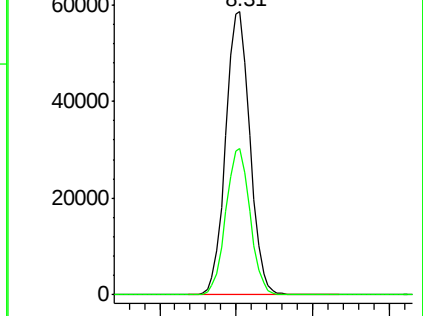
65 100

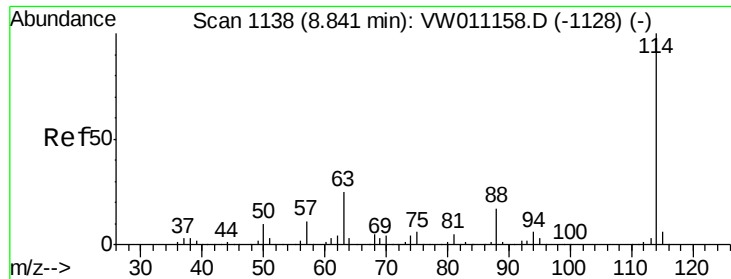
67 51.5 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

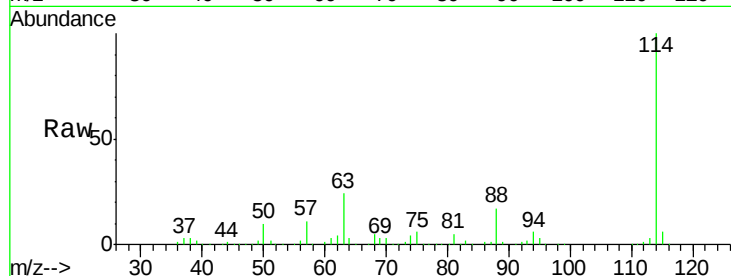




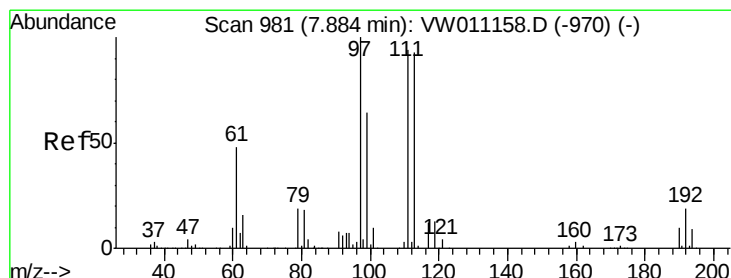
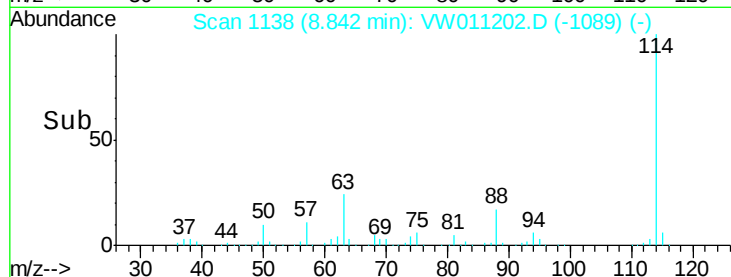
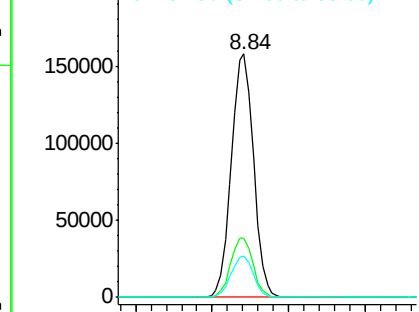
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011202.D
 Acq: 10 Jul 2019 21:24

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC068-SD-190709

Tot Ion:114 Resp: 316607
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 50.8
 88 17.1 0.0 34.2

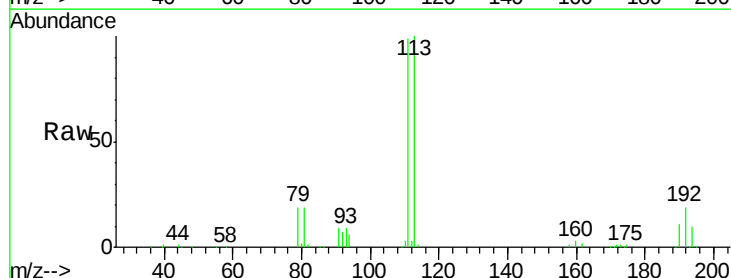


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

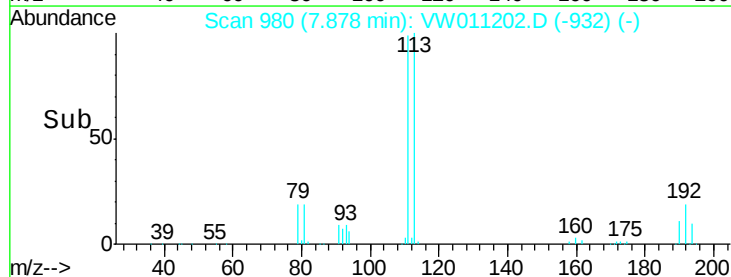
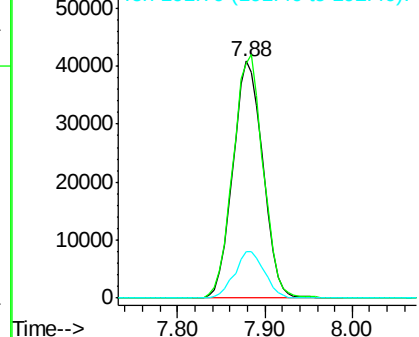


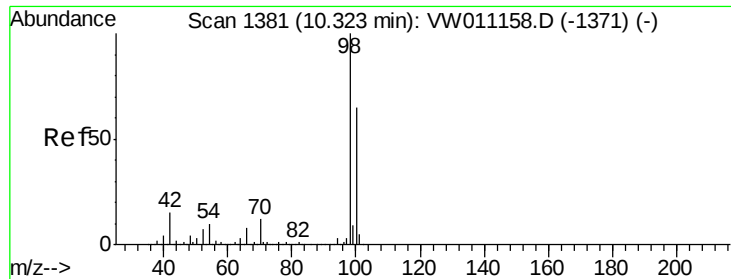
#35
 Dibromofluoromethane
 Concen: 51.696 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011202.D
 Acq: 10 Jul 2019 21:24

Tgt Ion:113 Resp: 97557
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.4 123.6
 192 19.7 15.8 23.8



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: 51.278 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011202.D

Acq: 10 Jul 2019 21:24

Instrument :

MSVOA_W

ClientSampleId :

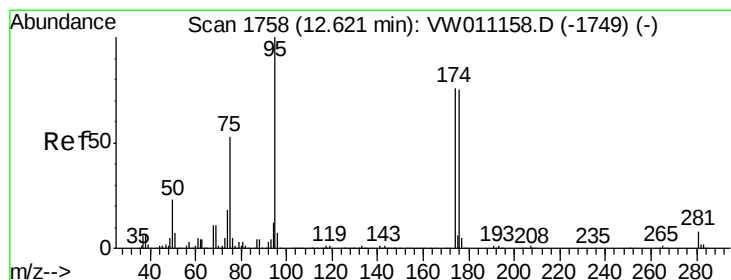
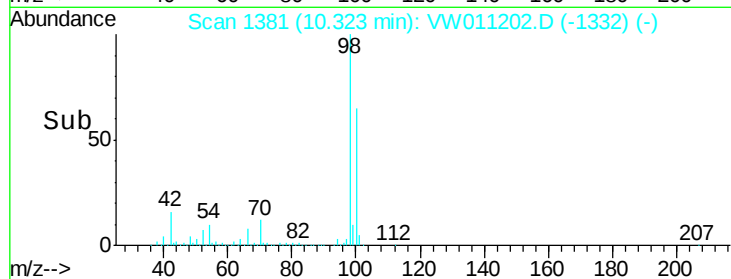
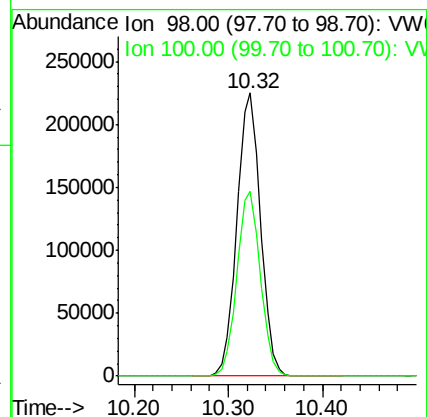
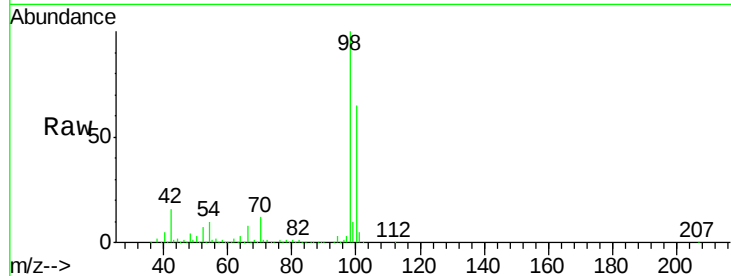
KY030LC068-SD-190709

Tot Ion: 98 Resp: 391148

Ion Ratio Lower Upper

98 100

100 64.9 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 46.585 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011202.D

Acq: 10 Jul 2019 21:24

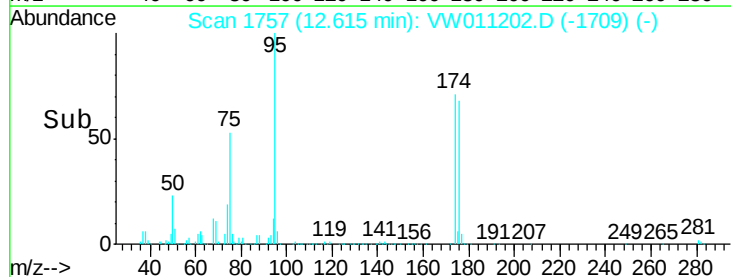
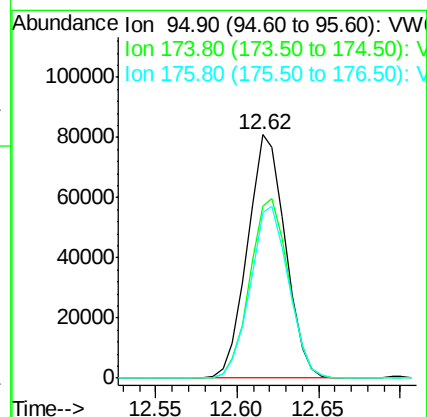
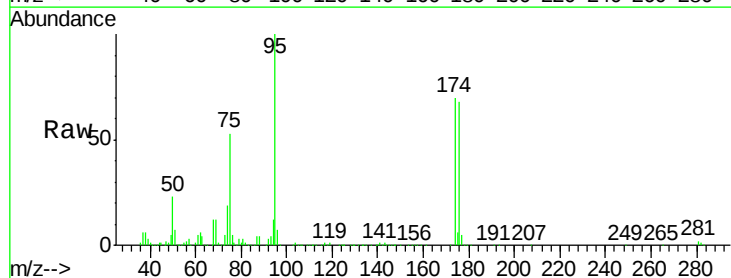
Tgt Ion: 95 Resp: 130250

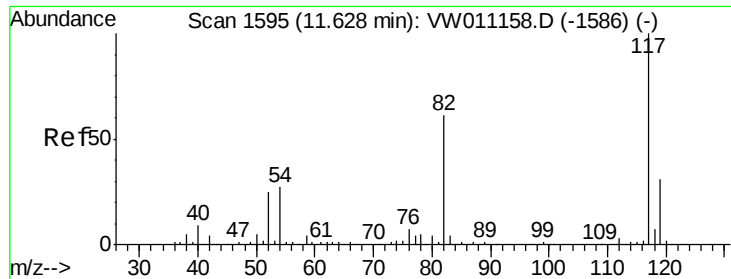
Ion Ratio Lower Upper

95 100

174 75.7 0.0 147.6

176 72.1 0.0 144.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VW011202.D

Acq: 10 Jul 2019 21:24

Instrument :

MSVOA_W

ClientSampleId :

KY030LC068-SD-190709

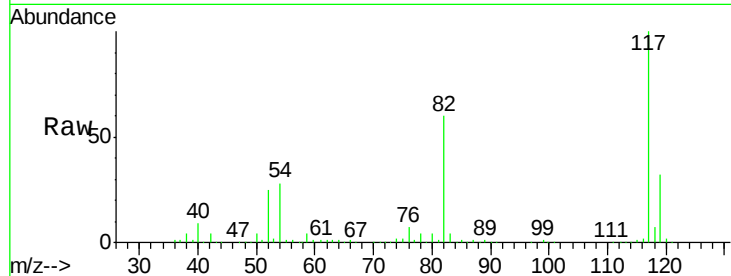
Tot Ion:117 Resp: 270229

Ion Ratio Lower Upper

117 100

82 60.2 48.9 73.3

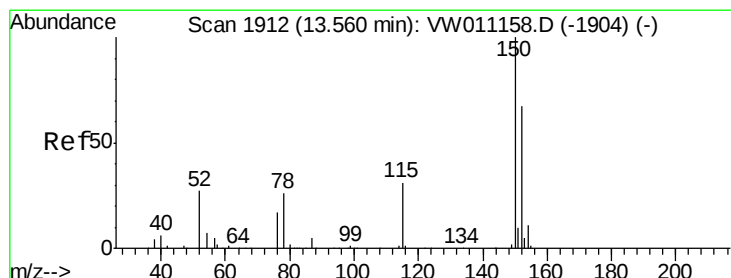
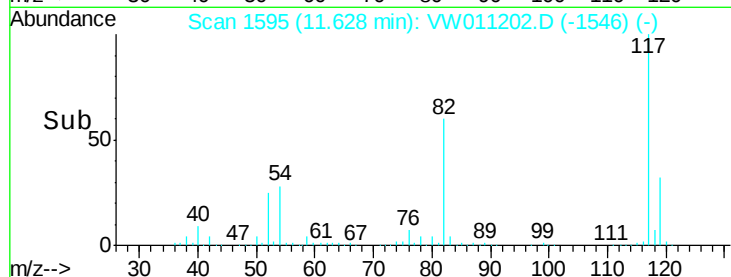
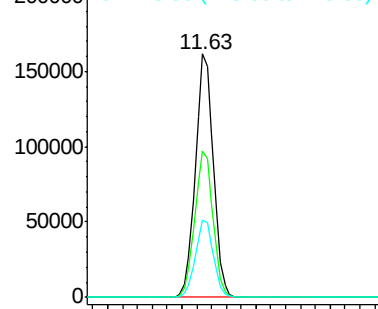
119 32.0 25.0 37.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VW011202.D

Acq: 10 Jul 2019 21:24

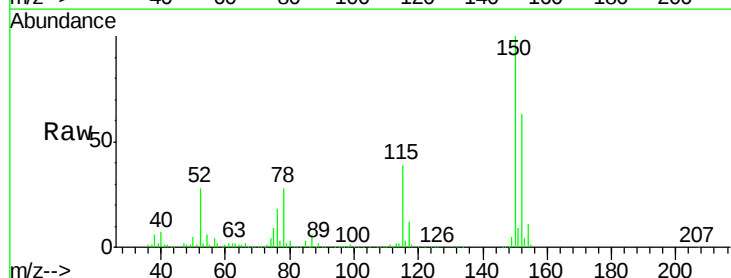
Tgt Ion:152 Resp: 119042

Ion Ratio Lower Upper

152 100

115 60.8 30.1 90.3

150 157.5 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

