

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011361.D
 Acq On : 19 Jul 2019 04:46
 Operator : SY/VA
 Sample : K3835-10
 Misc : 6.18G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5(7-9)

Quant Time: Jul 19 08:32:43 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

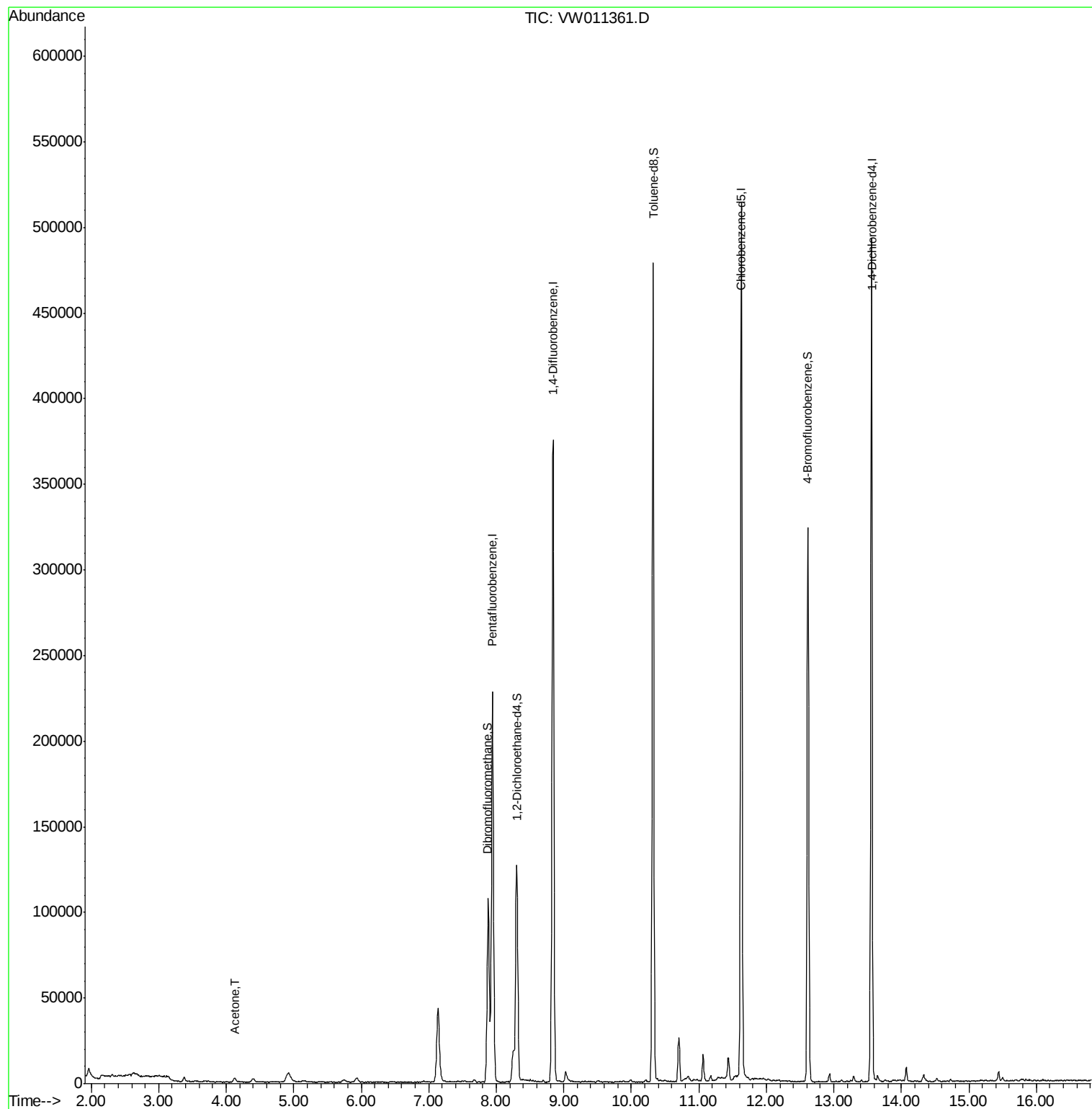
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	163100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	294845	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	261562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	118820	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	101465	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
35) Dibromofluoromethane	7.88	113	75339	42.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.74%	
50) Toluene-d8	10.32	98	295637	41.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.24%	
62) 4-Bromofluorobenzene	12.62	95	102741	39.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.92%	
Target Compounds						
16) Acetone	4.12	43	4569	9.266	ug/l #	Qvalue 88

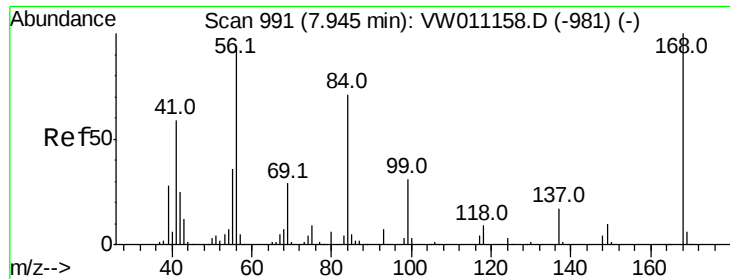
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011361.D

Acq: 19 Jul 2019 04:46

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MSVOA_W

ClientSampleId :

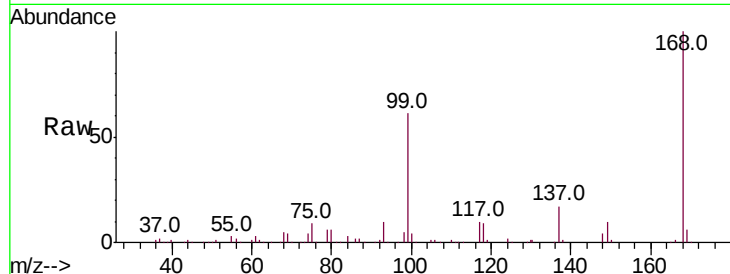
SB-5(7-9)

Tot Ion:168 Resp: 163100

Ion Ratio Lower Upper

168 100

99 60.9 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

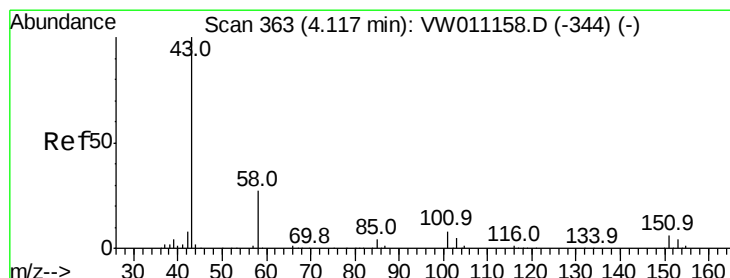
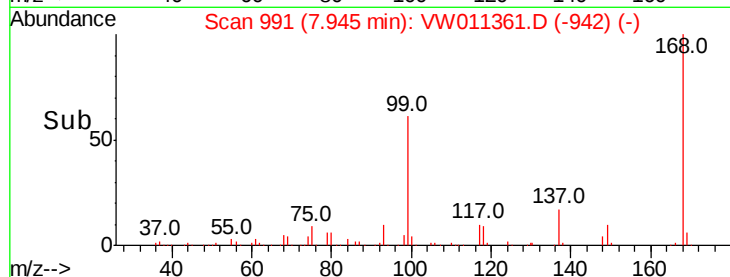
40000

20000

0

Time-->

7.80 7.90 8.00 8.10



#16

Acetone

Concen: 9.266 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011361.D

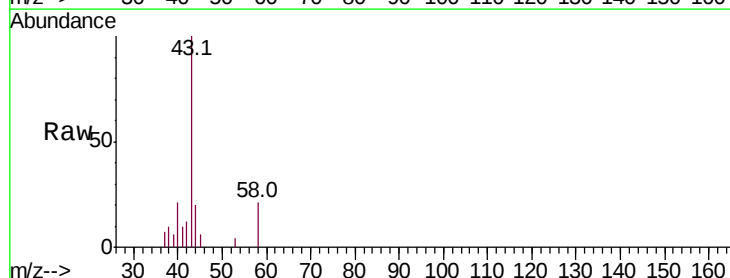
Acq: 19 Jul 2019 04:46

Tgt Ion: 43 Resp: 4569

Ion Ratio Lower Upper

43 100

58 20.7 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

1500

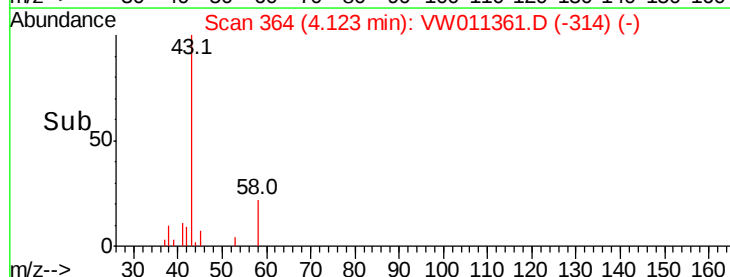
1000

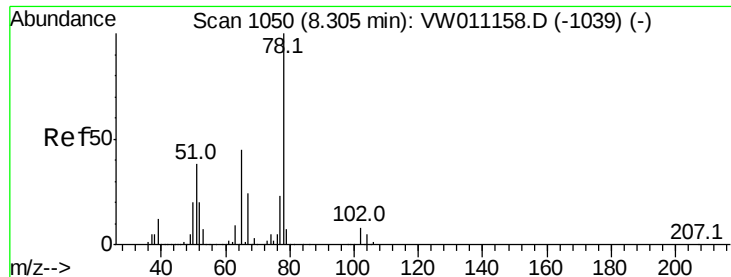
500

0

Time-->

4.05 4.10 4.15 4.20





#33

1,2-Dichloroethane-d4

Concen: 49.509 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011361.D

Acq: 19 Jul 2019 04:46

Instrument :

MSVOA_W

ClientSampled :

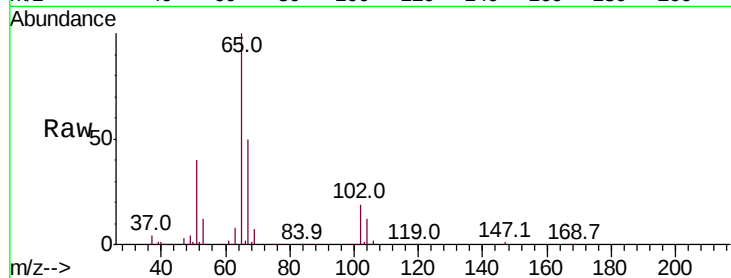
SB-5(7-9)

Tot Ion: 65 Resp: 101465

Ion Ratio Lower Upper

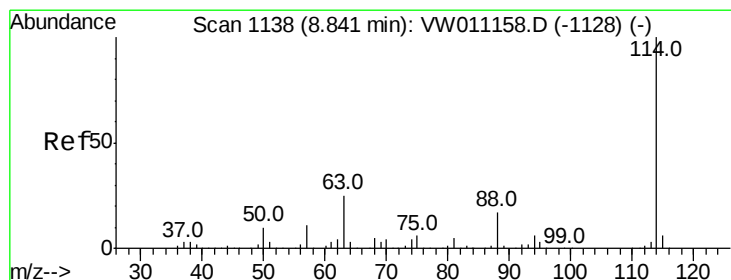
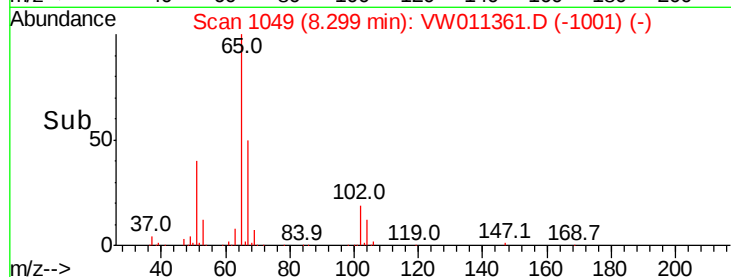
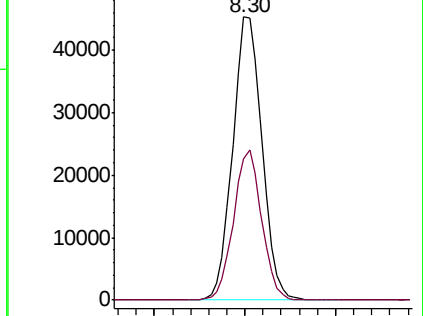
65 100

67 51.3 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: VW011361.D

Acq: 19 Jul 2019 04:46

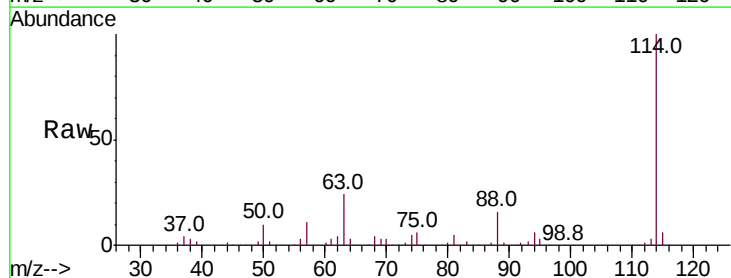
Tgt Ion: 114 Resp: 294845

Ion Ratio Lower Upper

114 100

63 24.3 0.0 50.8

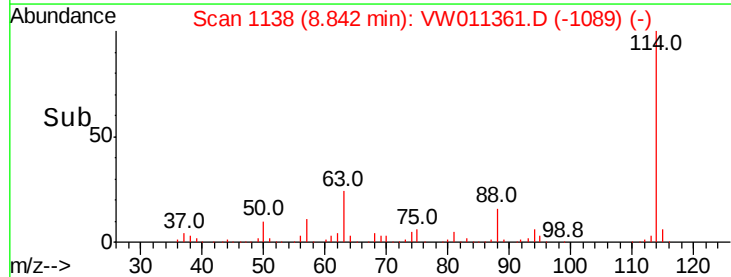
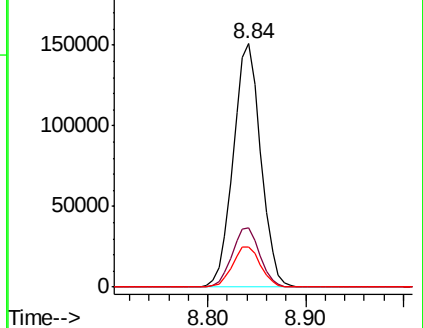
88 16.2 0.0 34.2

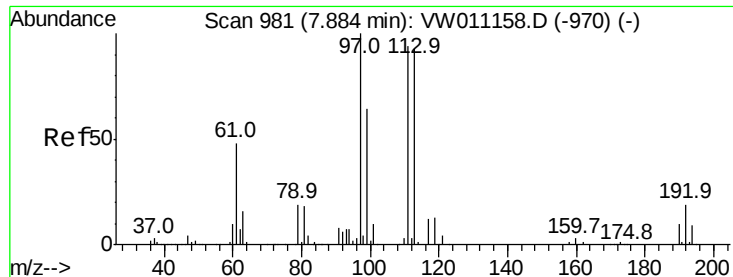


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

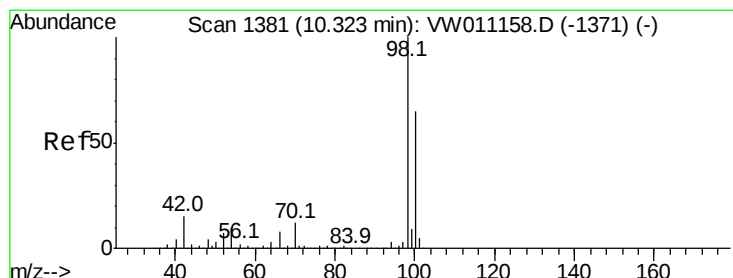
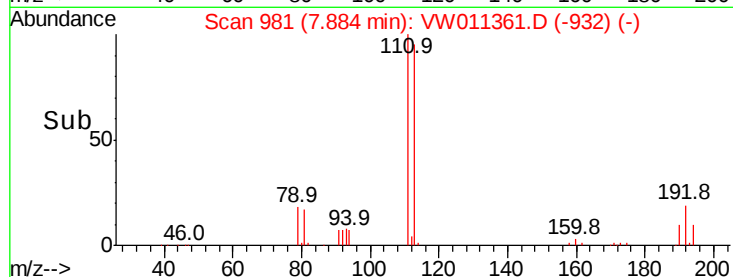
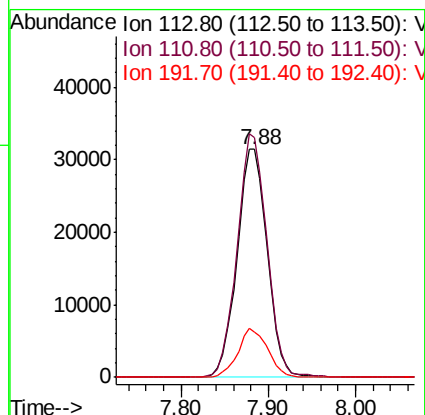
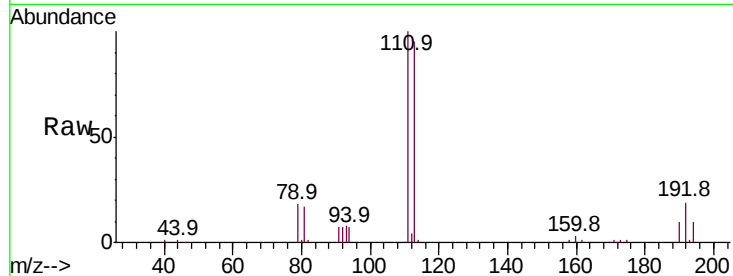




#35
 Dibromofluoromethane
 Concen: 42.869 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011361.D
 Acq: 19 Jul 2019 04:46

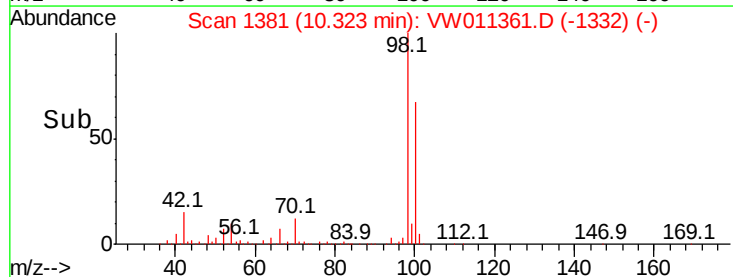
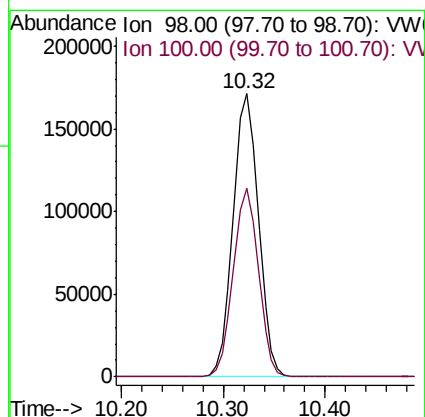
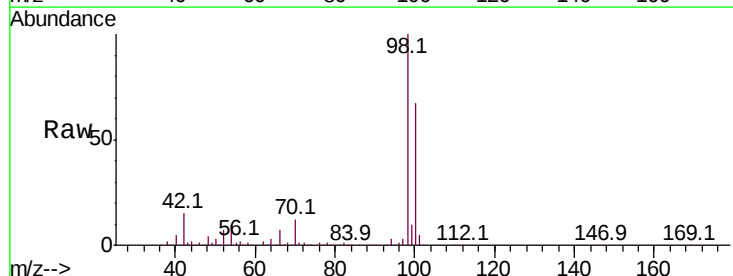
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5(7-9)

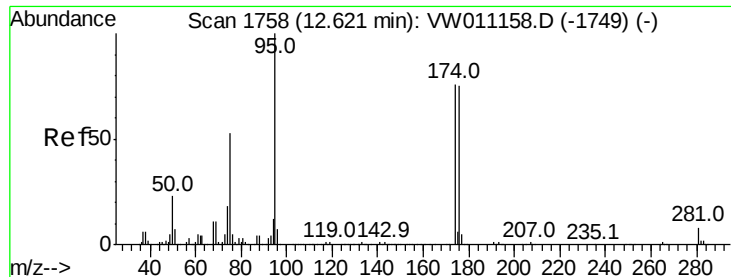
Tot Ion:113 Resp: 75339
 Ion Ratio Lower Upper
 113 100
 111 105.3 82.4 123.6
 192 21.0 15.8 23.8



#50
 Toluene-d8
 Concen: 41.617 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW011361.D
 Acq: 19 Jul 2019 04:46

Tgt Ion: 98 Resp: 295637
 Ion Ratio Lower Upper
 98 100
 100 66.1 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 39.459 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011361.D

Acq: 19 Jul 2019 04:46

Instrument :

MSVOA_W

ClientSampleId :

SB-5(7-9)

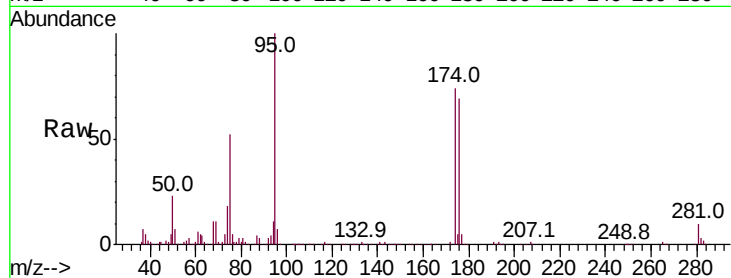
Tot Ion: 95 Resp: 102741

Ion Ratio Lower Upper

95 100

174 76.4 0.0 147.6

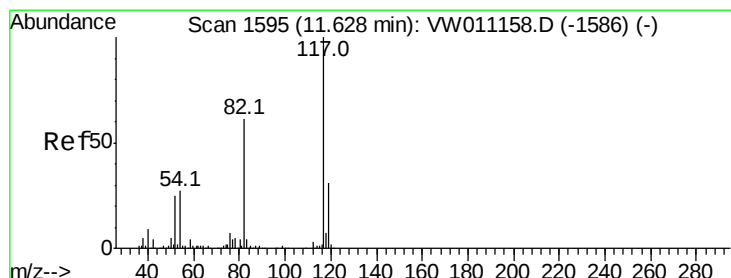
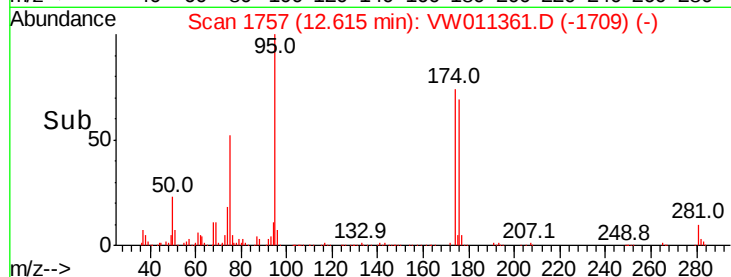
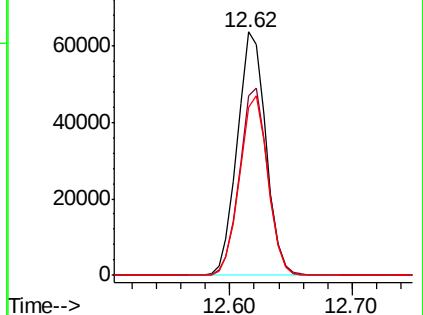
176 73.1 0.0 144.6



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: VW011361.D

Acq: 19 Jul 2019 04:46

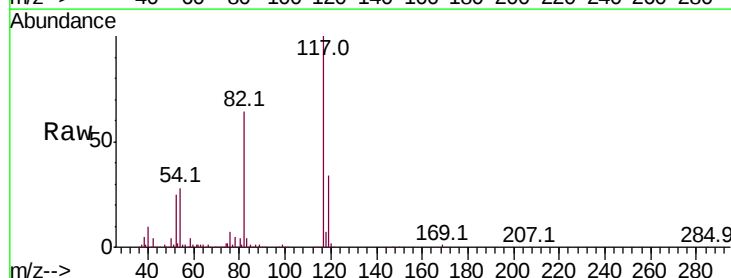
Tgt Ion: 117 Resp: 261562

Ion Ratio Lower Upper

117 100

82 63.9 48.9 73.3

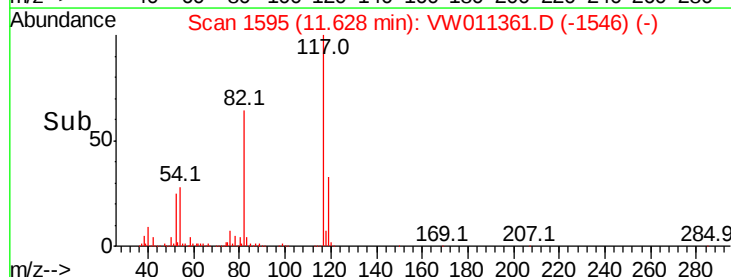
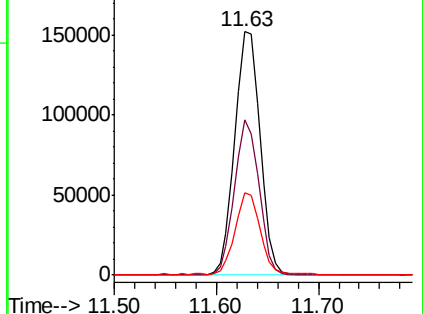
119 33.4 25.0 37.6

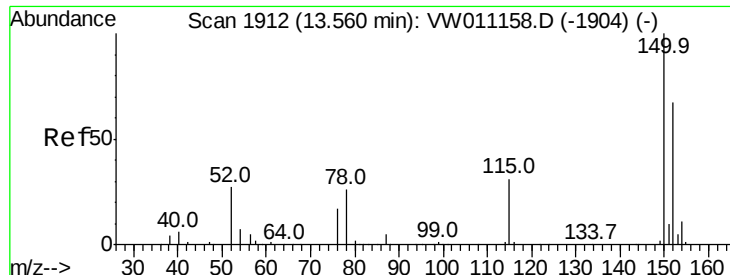


Abundance Ion 116.90 (116.60 to 117.60): VW

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: VW011361.D

Acq: 19 Jul 2019 04:46

Instrument :

MSVOA_W

ClientSampleId :

SB-5(7-9)

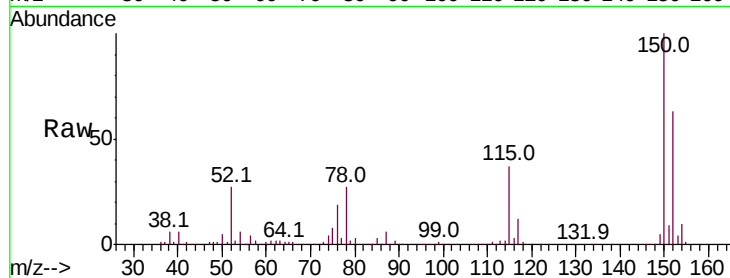
Tot Ion:152 Resp: 118820

Ion Ratio Lower Upper

152 100

115 60.0 30.1 90.3

150 157.0 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

