

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012857.D
 Acq On : 10 Sep 2019 07:31
 Operator : SY/VA
 Sample : K4679-03
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WS-SB02-5.5-6.0

Quant Time: Sep 10 08:27:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

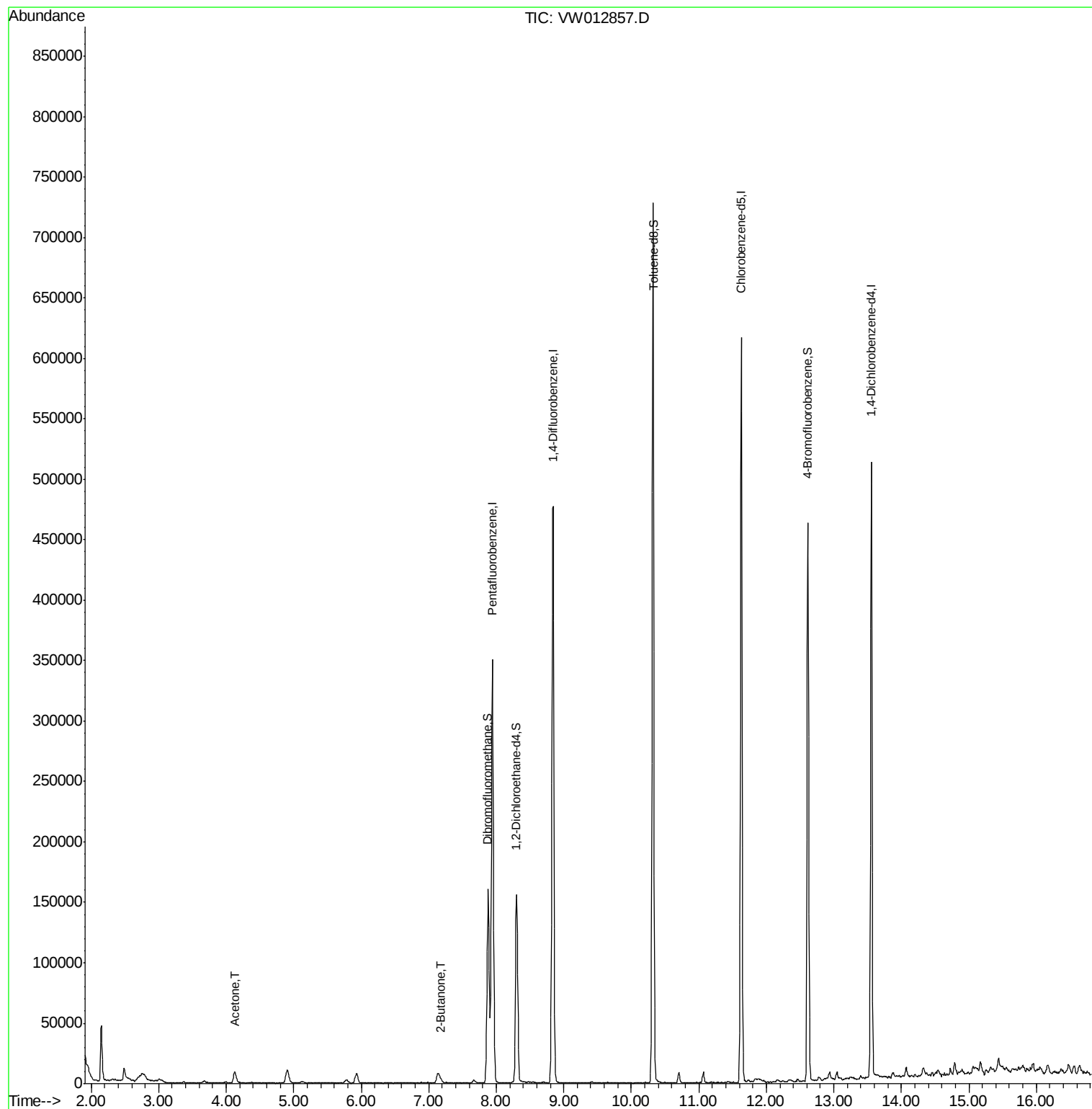
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	267321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	406153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	332773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134630	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	129391	43.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.64%	
35) Dibromofluoromethane	7.88	113	115313	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.50%	
50) Toluene-d8	10.32	98	480331	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.62	95	147403	42.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.84%	
Target Compounds						
16) Acetone	4.12	43	18434	22.638	ug/l	94
25) 2-Butanone	7.18	43	4777	23.351	ug/l #	80

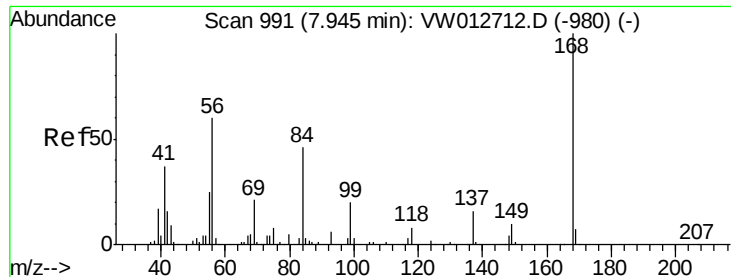
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW012857.D

Acq: 10 Sep 2019 07:31

Instrument :

MSVOA_W

ClientSampleId :

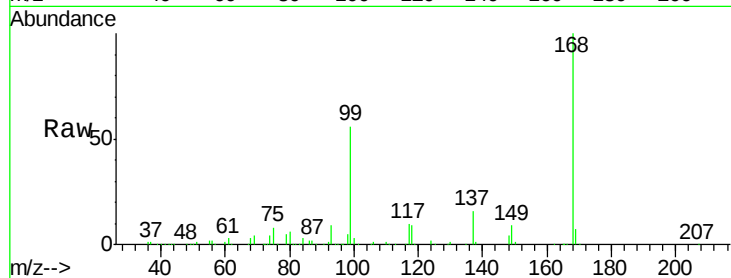
WS-SB02-5.5-6.0

Tot Ion:168 Resp: 267321

Ion Ratio Lower Upper

168 100

99 56.3 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

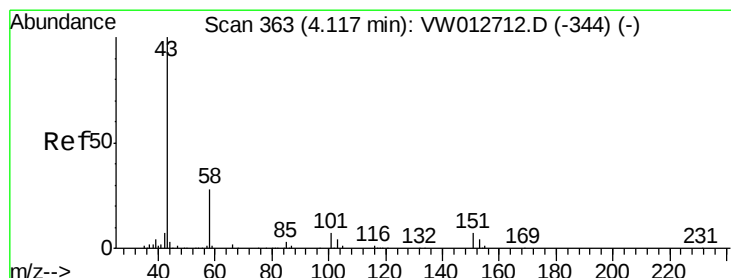
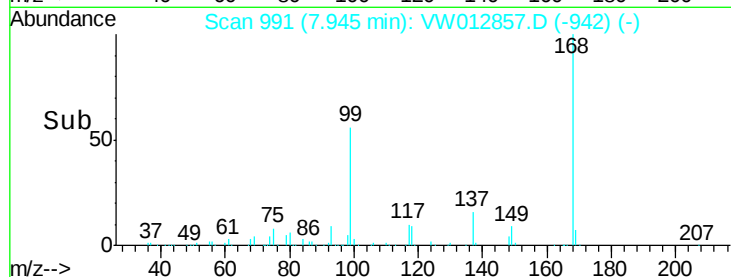
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 22.638 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW012857.D

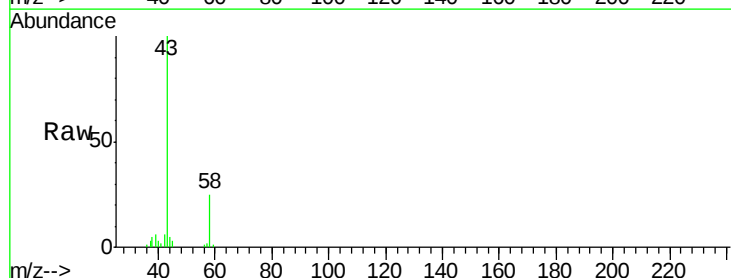
Acq: 10 Sep 2019 07:31

Tgt Ion: 43 Resp: 18434

Ion Ratio Lower Upper

43 100

58 24.9 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

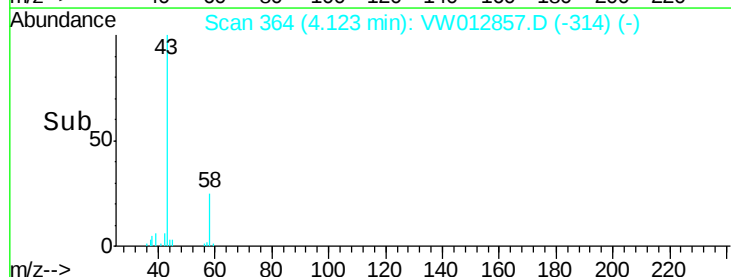
6000

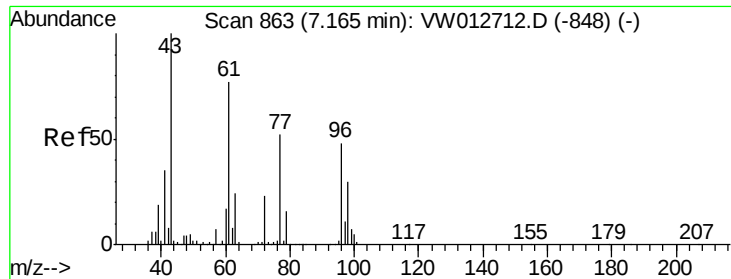
4000

2000

0

Time--> 4.00 4.10 4.20 4.30





#25

2-Butanone

Concen: 23.351 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW012857.D

Acq: 10 Sep 2019 07:31

Instrument :

MSVOA_W

ClientSampleId :

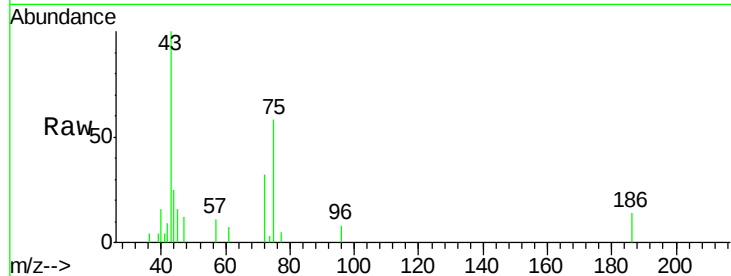
WS-SB02-5.5-6.0

Tot Ion: 43 Resp: 4777

Ion Ratio Lower Upper

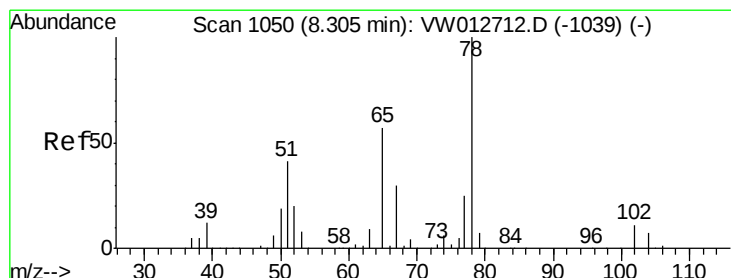
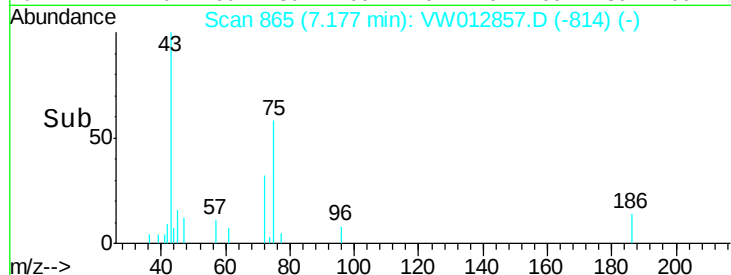
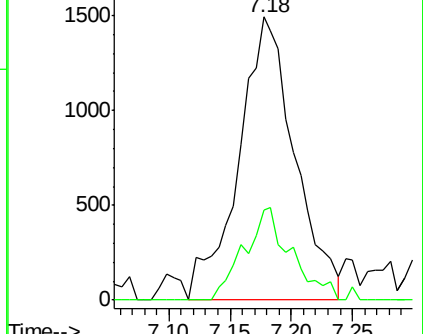
43 100

72 31.9 18.0 27.0#



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: 43.320 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012857.D

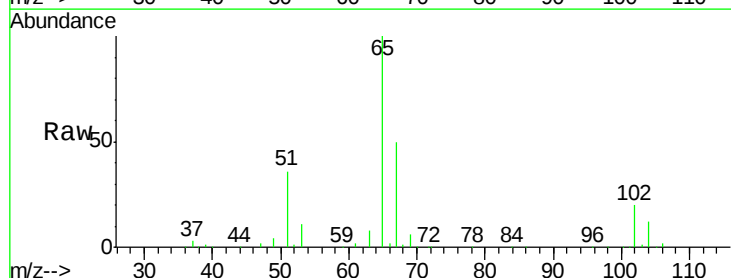
Acq: 10 Sep 2019 07:31

Tgt Ion: 65 Resp: 129391

Ion Ratio Lower Upper

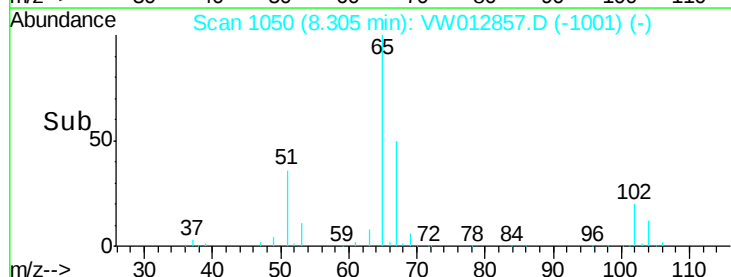
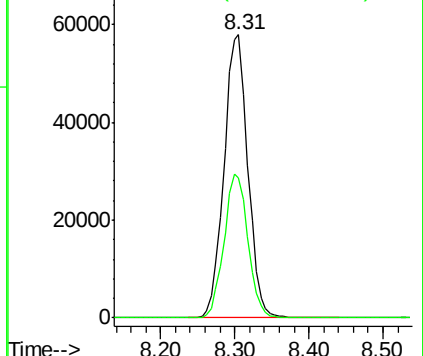
65 100

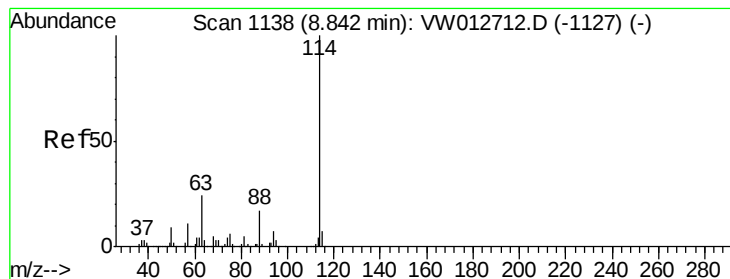
67 51.2 0.0 101.8



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: VW012857.D

Acq: 10 Sep 2019 07:31

Instrument :

MSVOA_W

ClientSampleId :

WS-SB02-5.5-6.0

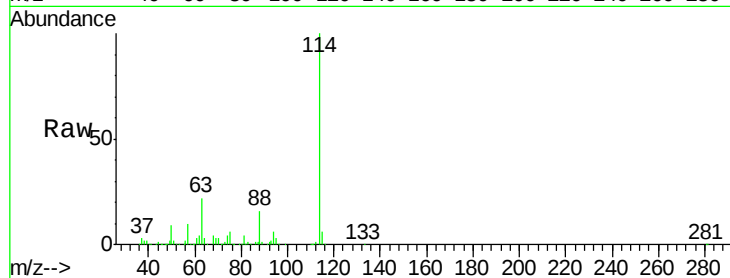
Tot Ion:114 Resp: 406153

Ion Ratio Lower Upper

114 100

63 21.9 0.0 47.2

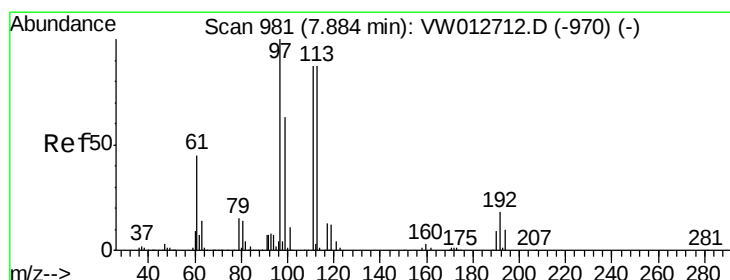
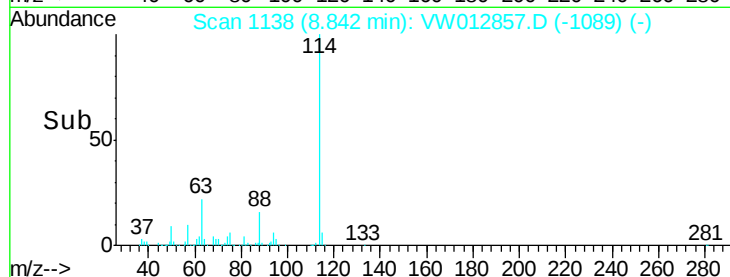
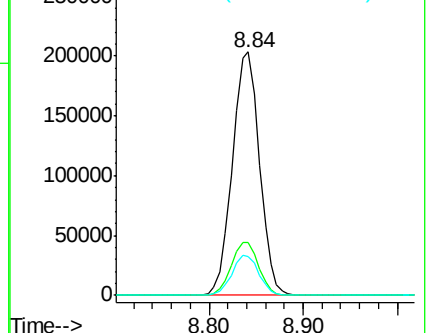
88 15.7 0.0 34.0



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: 47.755 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012857.D

Acq: 10 Sep 2019 07:31

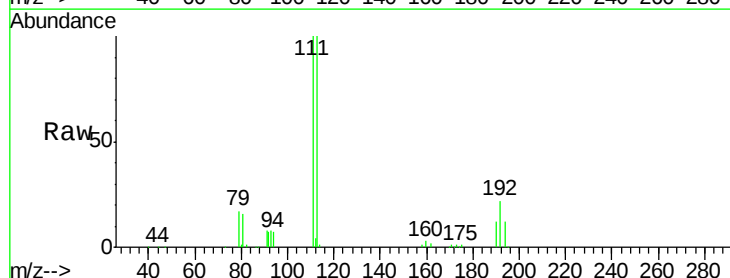
Tgt Ion:113 Resp: 115313

Ion Ratio Lower Upper

113 100

111 101.5 80.2 120.4

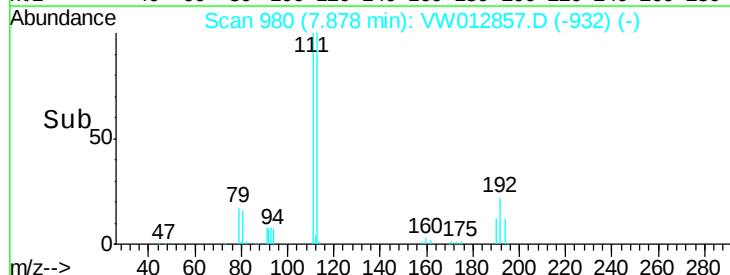
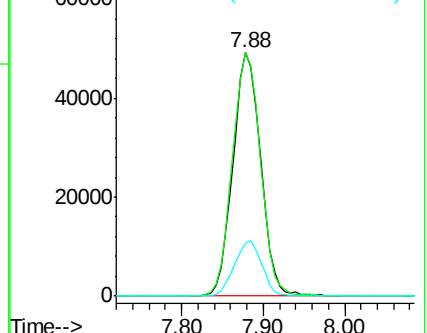
192 22.5 17.3 25.9

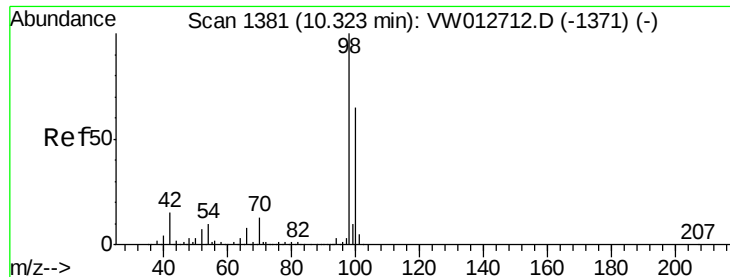


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.774 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012857.D

Acq: 10 Sep 2019 07:31

Instrument :

MSVOA_W

ClientSampleId :

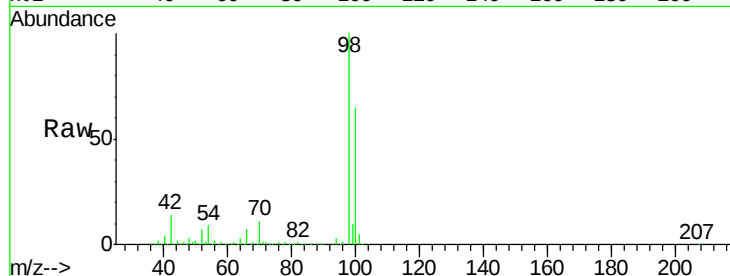
WS-SB02-5.5-6.0

Tot Ion: 98 Resp: 480331

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

300000

250000

200000

150000

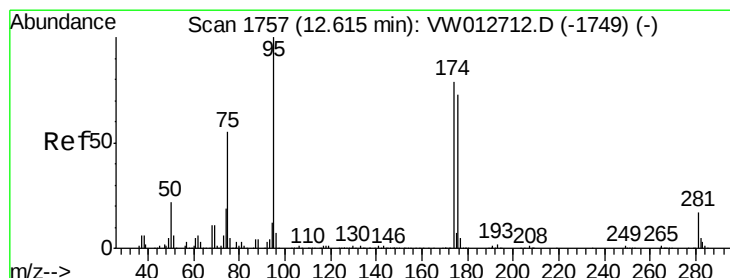
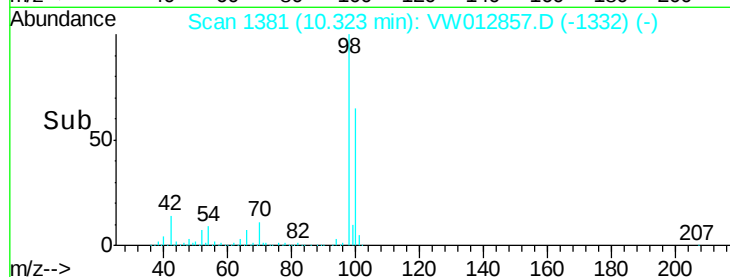
100000

50000

0

Time-->

10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 42.920 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012857.D

Acq: 10 Sep 2019 07:31

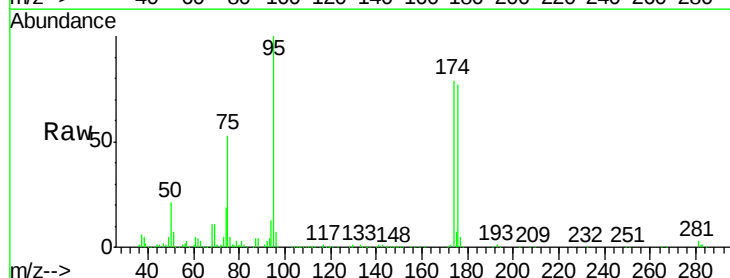
Tgt Ion: 95 Resp: 147403

Ion Ratio Lower Upper

95 100

174 83.6 0.0 161.0

176 80.7 0.0 156.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

120000

100000

80000

60000

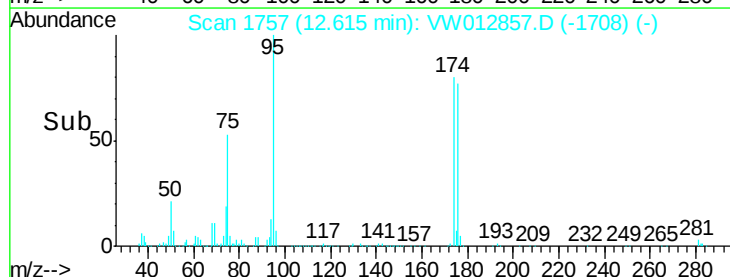
40000

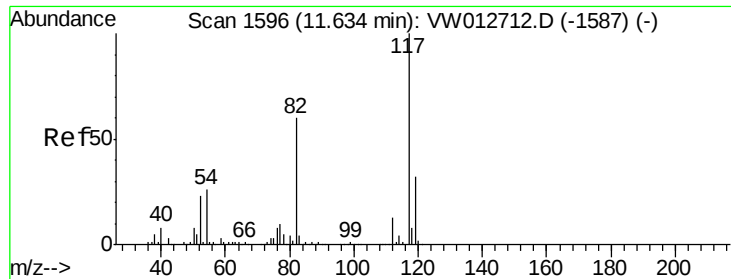
20000

0

Time-->

12.50 12.60 12.70

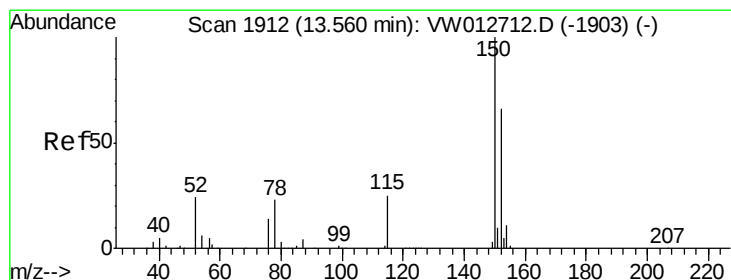
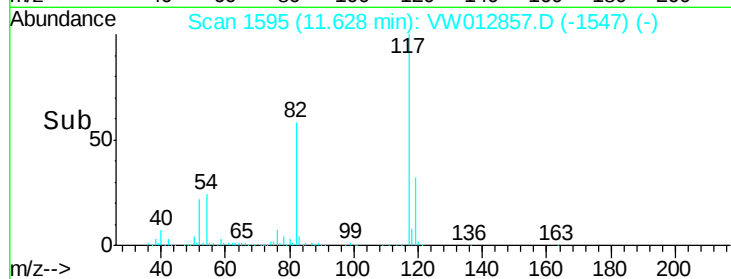
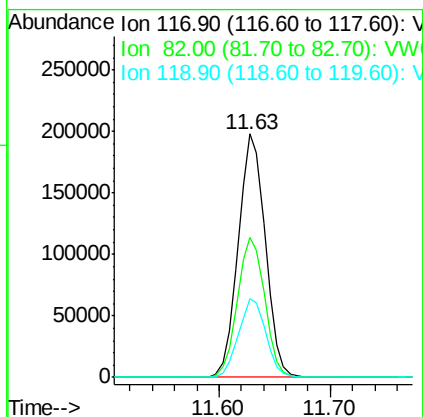
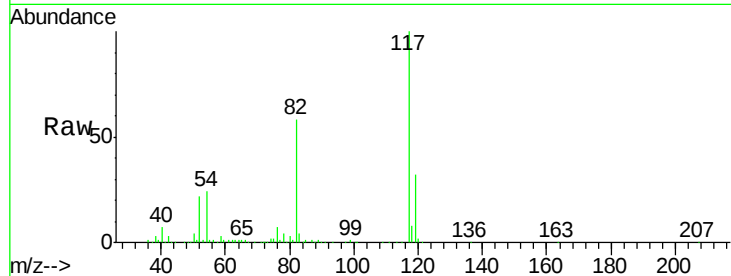




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012857.D
Acq: 10 Sep 2019 07:31

Instrument :
MSVOA_W
ClientSampleId :
WS-SB02-5.5-6.0

Tot Ion:117 Resp: 332773
Ion Ratio Lower Upper
117 100
82 57.7 48.2 72.4
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012857.D
Acq: 10 Sep 2019 07:31

Tgt Ion:152 Resp: 134630
Ion Ratio Lower Upper
152 100
115 57.5 30.0 90.1
150 154.7 0.0 349.0

