

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092319\
 Data File : VW013237.D
 Acq On : 23 Sep 2019 17:48
 Operator : SY/VA
 Sample : K4863-16RE
 Misc : 5.47G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CSA-2-5-4RE

Quant Time: Sep 24 07:48:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

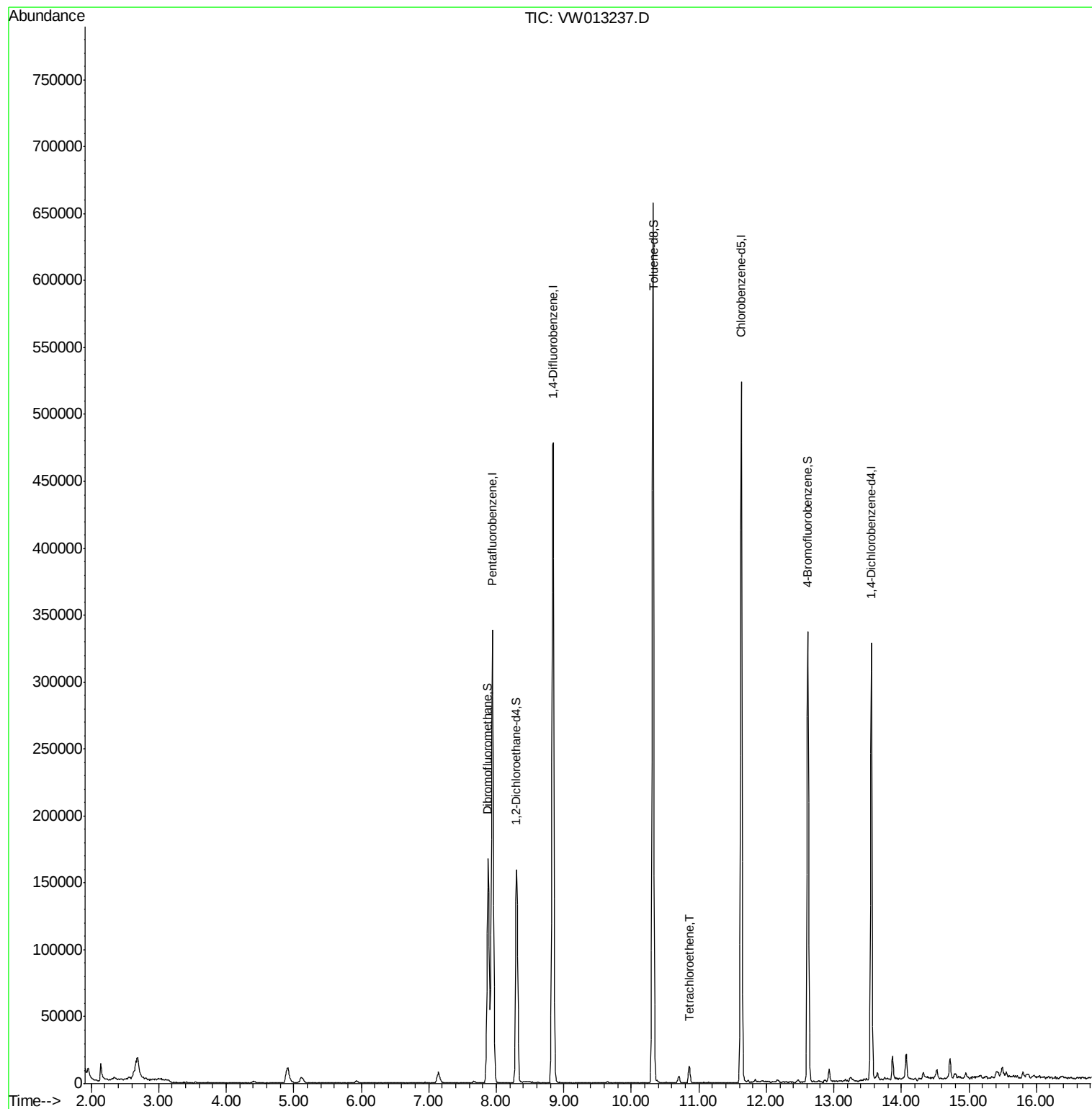
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	279083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	432263	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	304658	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	90846	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	127853	56.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.26%	
35) Dibromofluoromethane	7.88	113	124658	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.86%	
50) Toluene-d8	10.32	98	455168	45.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.50%	
62) 4-Bromofluorobenzene	12.62	95	113889	33.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.02%	
Target Compounds						
64) Tetrachloroethene	10.86	164	3143	1.360	ug/l	Qvalue 87

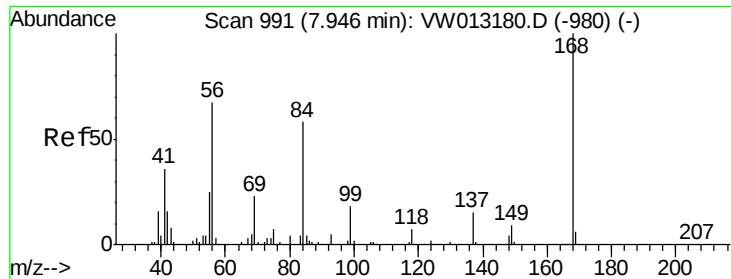
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092319\
Data File : VW013237.D
Acq On : 23 Sep 2019 17:48
Operator : SY/VA
Sample : K4863-16RE
Misc : 5.47G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CSA-2-5-4RE

Quant Time: Sep 24 07:48:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 20 15:58:08 2019
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: VW013237.D

Acq: 23 Sep 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

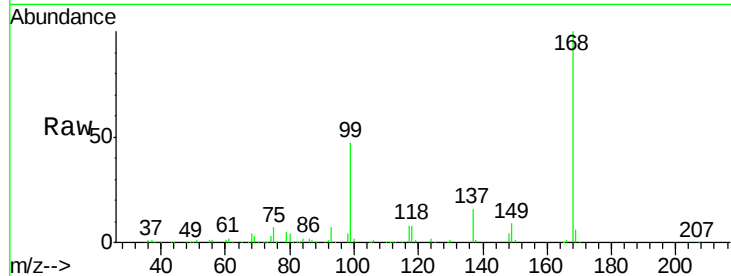
CSA-2-5-4RE

Tot Ion:168 Resp: 279083

Ion Ratio Lower Upper

168 100

99 46.9 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

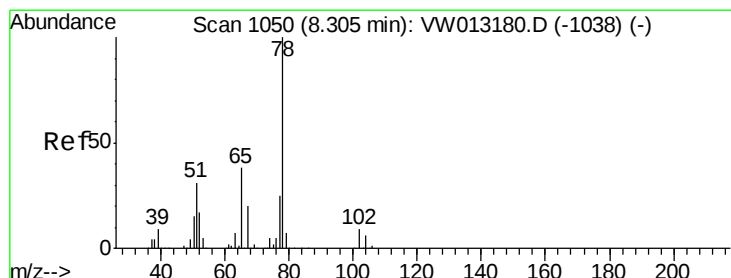
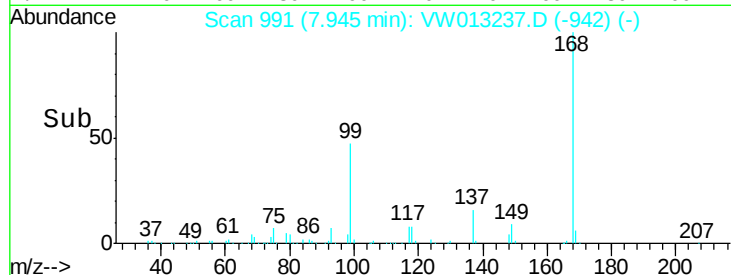
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.132 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013237.D

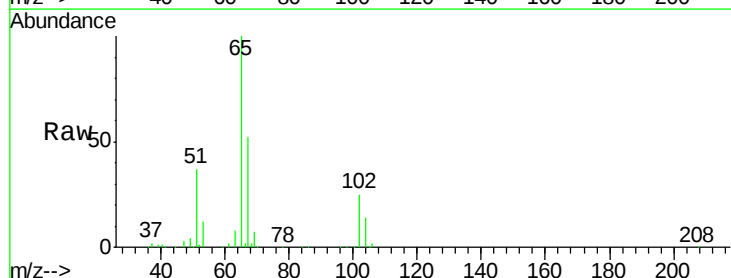
Acq: 23 Sep 2019 17:48

Tgt Ion: 65 Resp: 127853

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

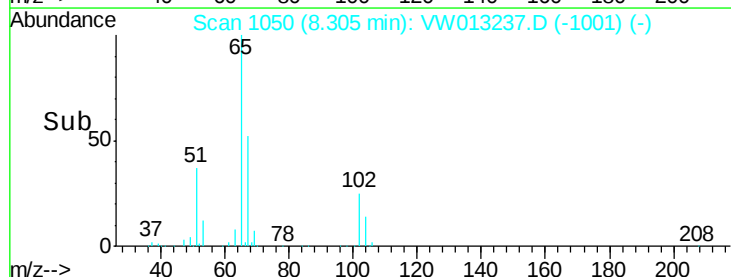
60000

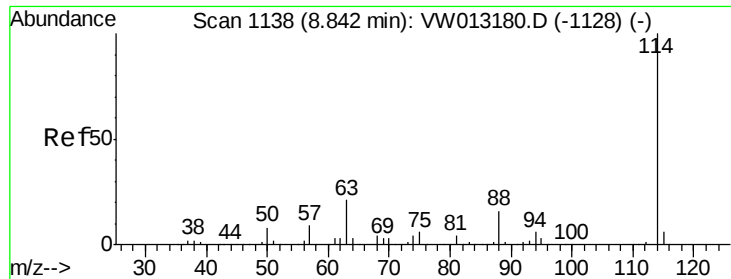
40000

20000

0

Time-->

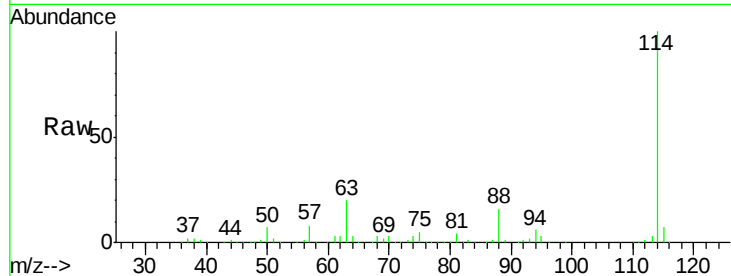




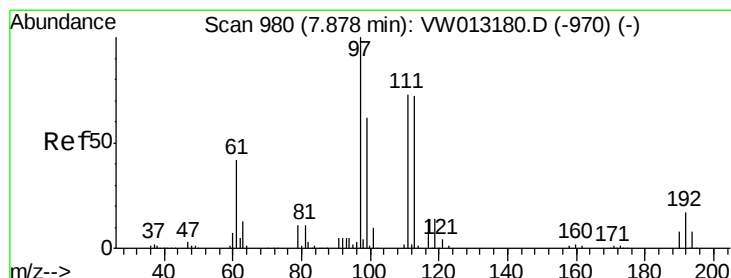
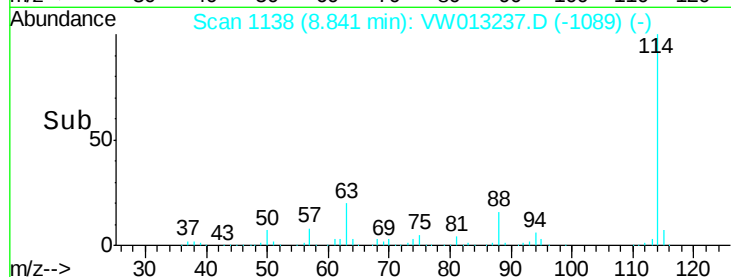
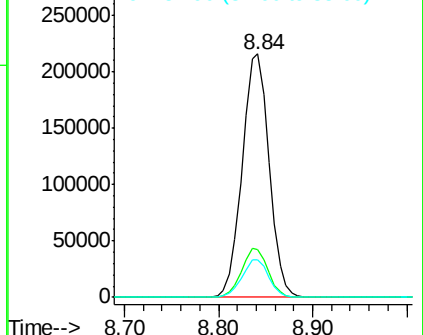
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013237.D
 Acq: 23 Sep 2019 17:48

Instrument :
 MSVOA_W
 ClientSampleId :
 CSA-2-5-4RE

Tot Ion:114 Resp: 432263
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.4
 88 15.6 0.0 32.0

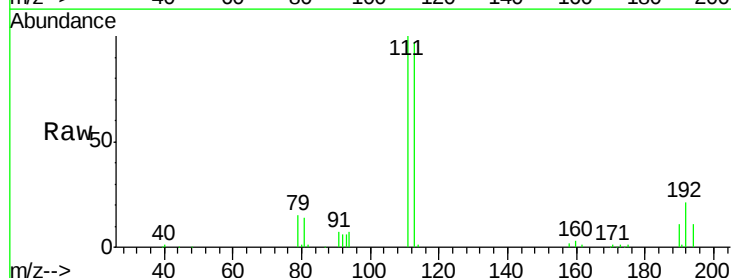


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

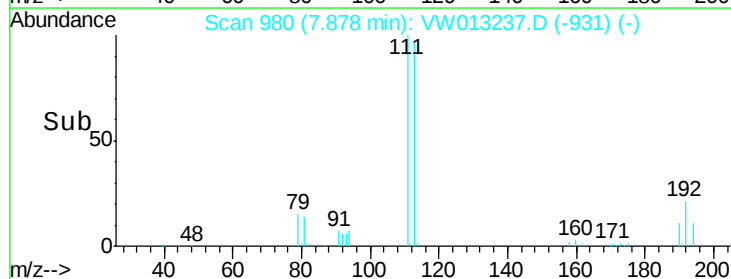
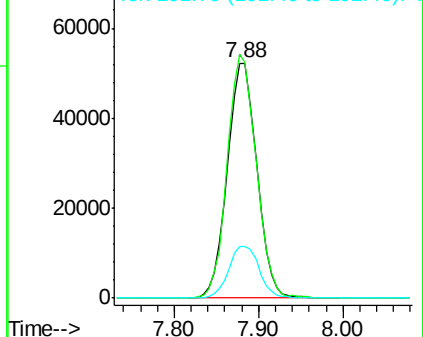


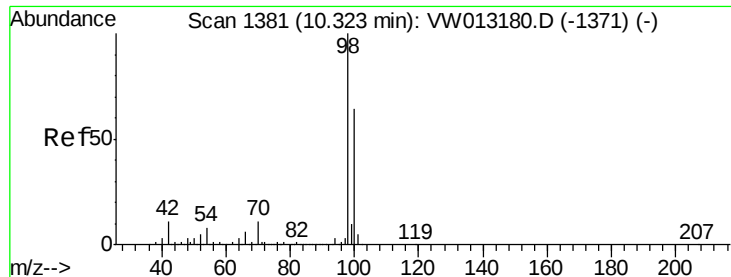
#35
 Dibromofluoromethane
 Concen: 52.433 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013237.D
 Acq: 23 Sep 2019 17:48

Tgt Ion:113 Resp: 124658
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.9 122.9
 192 22.7 19.1 28.7



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: 45.746 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013237.D

Acq: 23 Sep 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

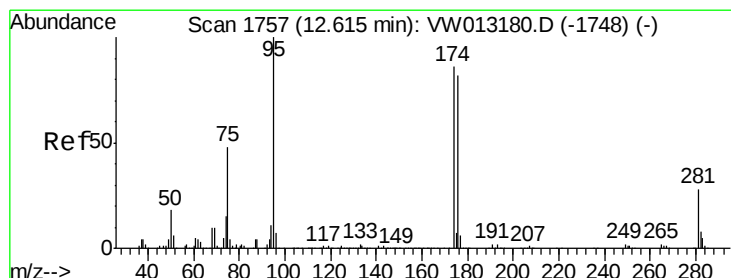
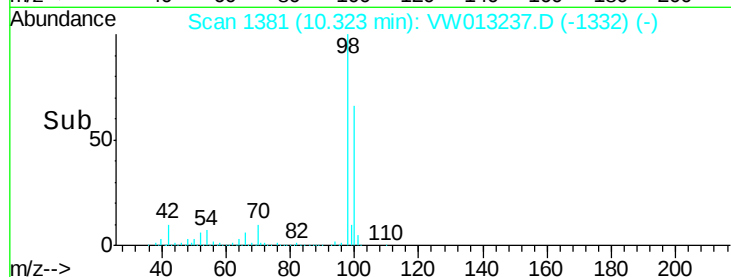
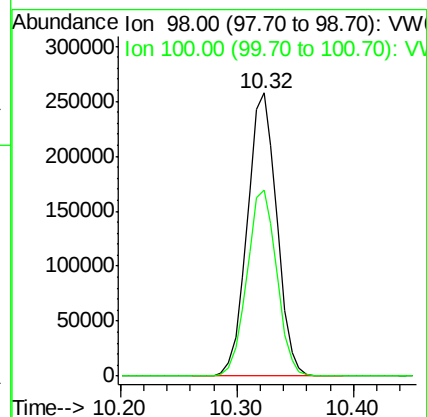
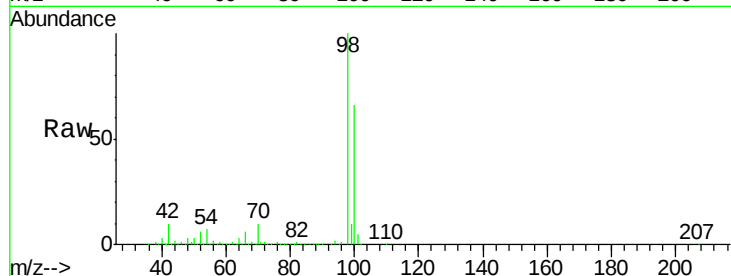
CSA-2-5-4RE

Tot Ion: 98 Resp: 455168

Ion Ratio Lower Upper

98 100

100 66.2 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 33.509 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013237.D

Acq: 23 Sep 2019 17:48

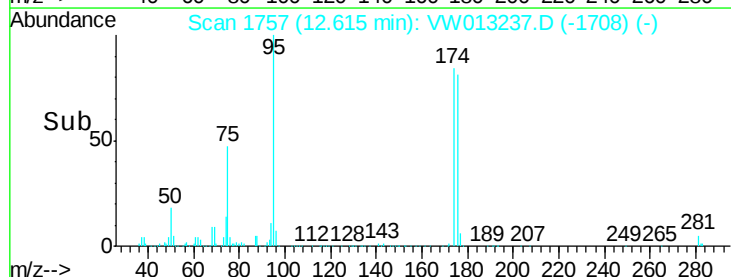
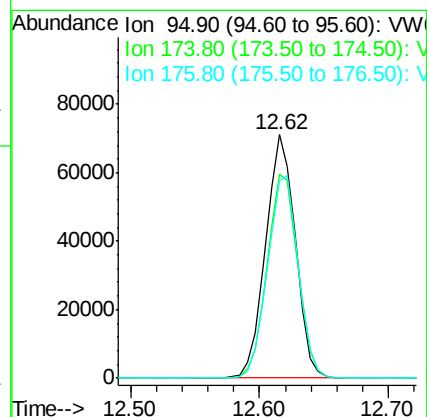
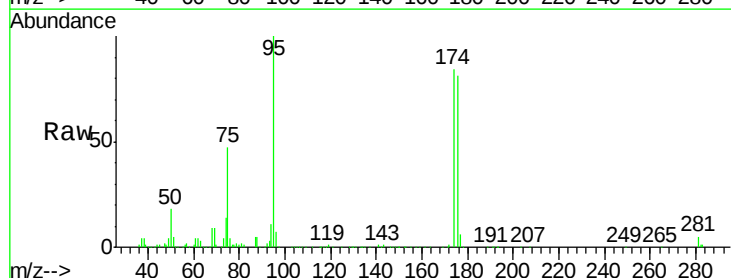
Tgt Ion: 95 Resp: 113889

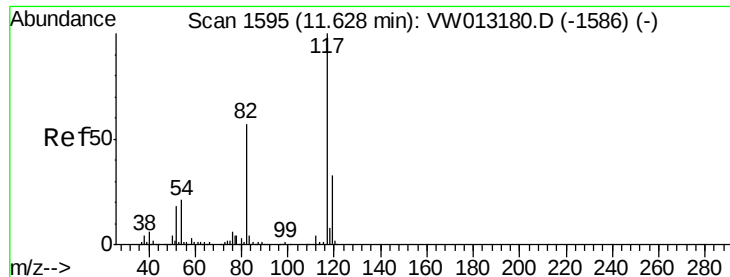
Ion Ratio Lower Upper

95 100

174 87.0 0.0 178.4

176 86.0 0.0 172.2

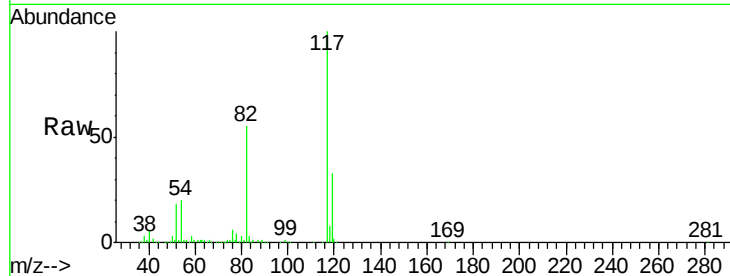




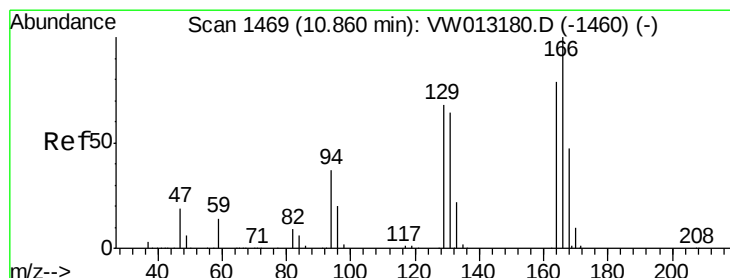
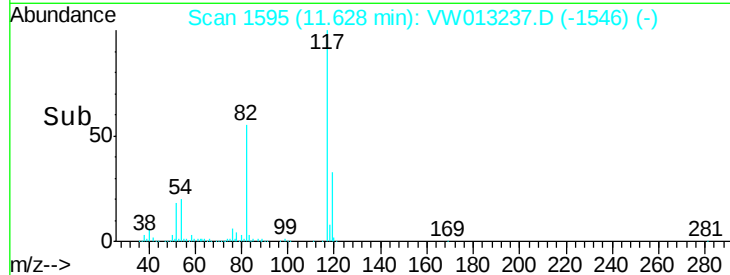
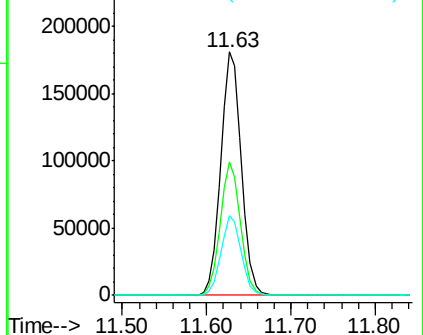
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013237.D
Acq: 23 Sep 2019 17:48

Instrument :
MSVOA_W
ClientSampleId :
CSA-2-5-4RE

Tot Ion:117 Resp: 304658
Ion Ratio Lower Upper
117 100
82 54.8 45.9 68.9
119 32.9 26.2 39.2

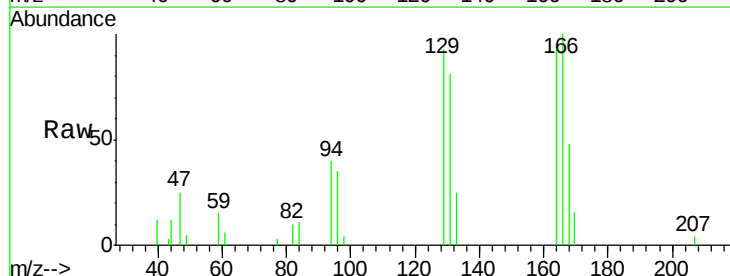


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

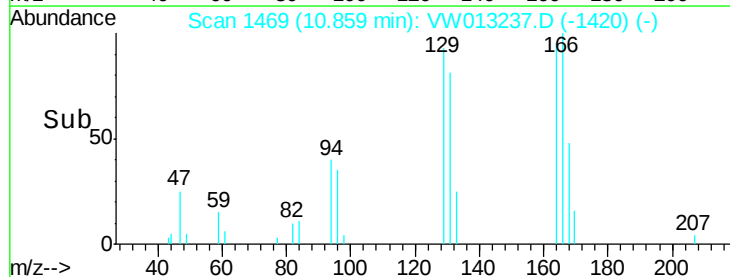
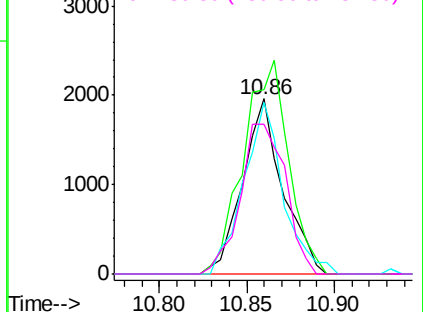


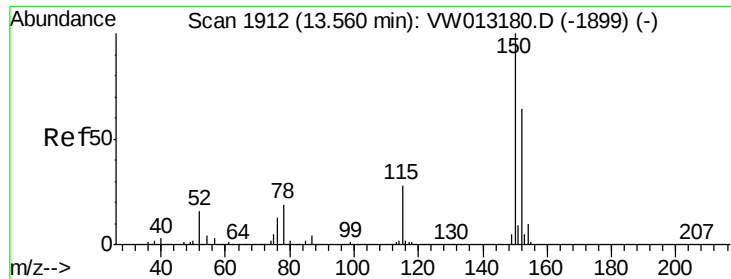
#64
Tetrachloroethene
Concen: 1.360 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013237.D
Acq: 23 Sep 2019 17:48

Tgt Ion:164 Resp: 3143
Ion Ratio Lower Upper
164 100
166 105.2 101.2 151.8
129 97.7 68.8 103.2
131 85.6 65.2 97.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW013237.D

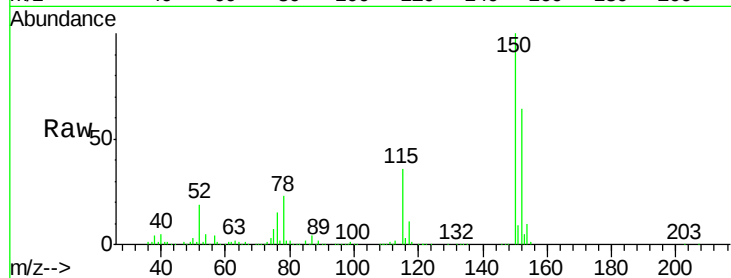
Acq: 23 Sep 2019 17:48

Instrument :

MSVOA_W

ClientSampleId :

CSA-2-5-4RE



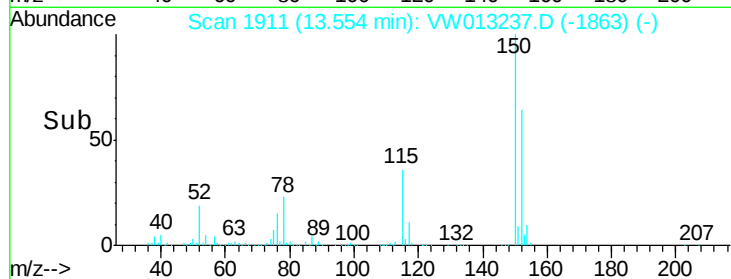
Tot Ion:152 Resp: 90846

Ion Ratio Lower Upper

152 100

115 56.1 27.3 81.9

150 158.0 0.0 349.0



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

