

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW053119\
 Data File : VW010635.D
 Acq On : 31 May 2019 14:33
 Operator : SY/VA
 Sample : K3105-01
 Misc : 5.67G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 101-102

Quant Time: Jun 01 05:22:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

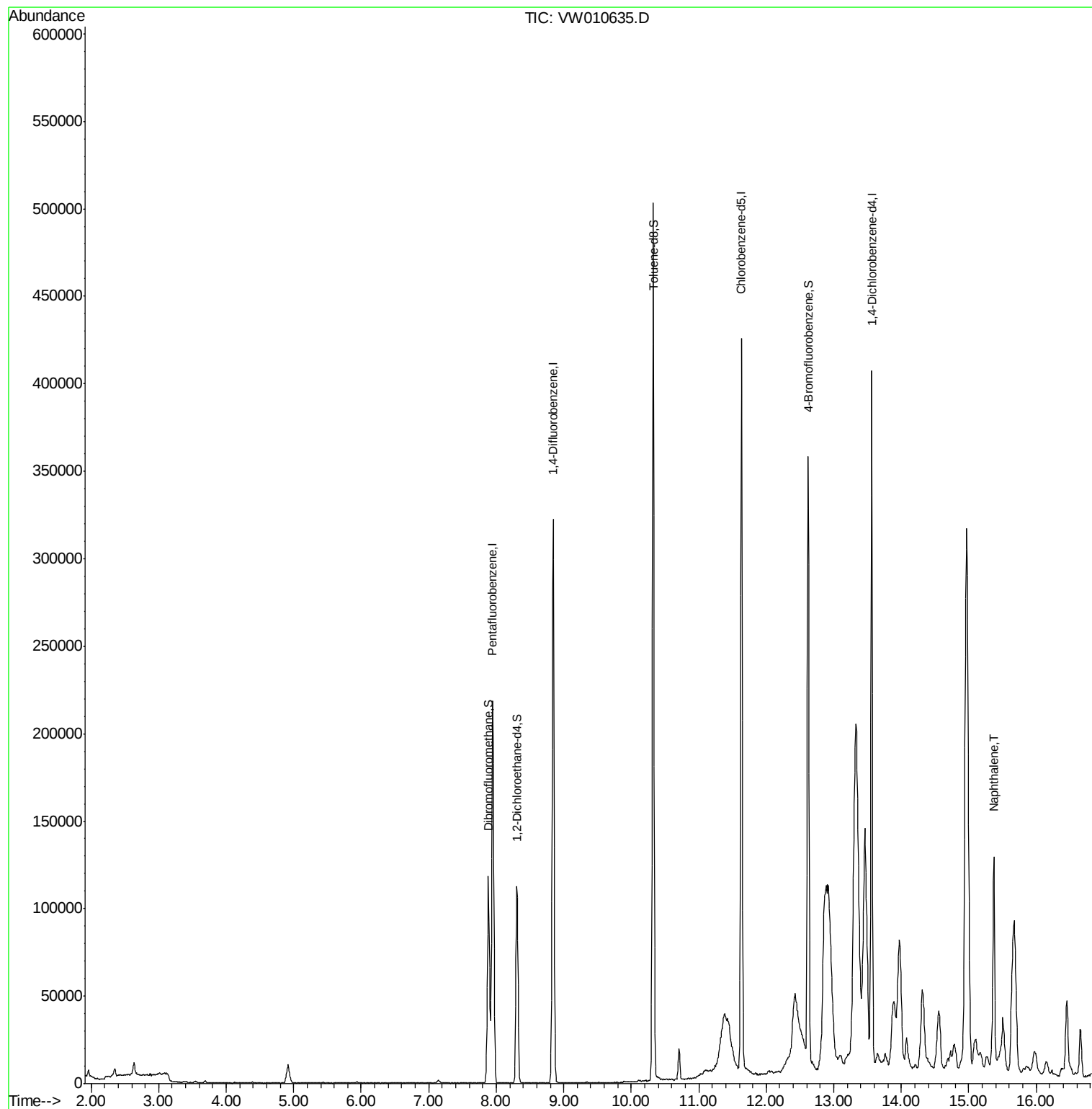
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	171323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	292904	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	254204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	106087	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	87345	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
35) Dibromofluoromethane	7.88	113	86370	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
50) Toluene-d8	10.32	98	347128	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
62) 4-Bromofluorobenzene	12.62	95	123771	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	
Target Compounds						
95) Naphthalene	15.37	128	98143	20.405	ug/l	Qvalue 99

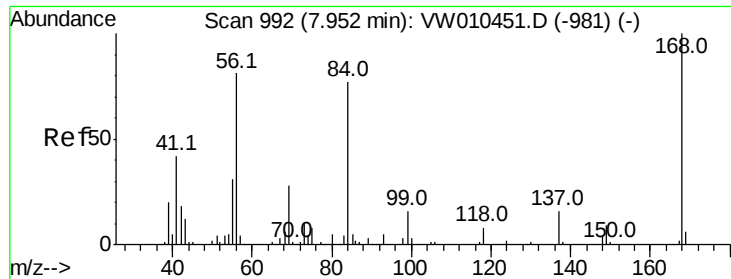
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010635.D

Acq: 31 May 2019 14:33

Instrument :

MSVOA_W

ClientSampleId :

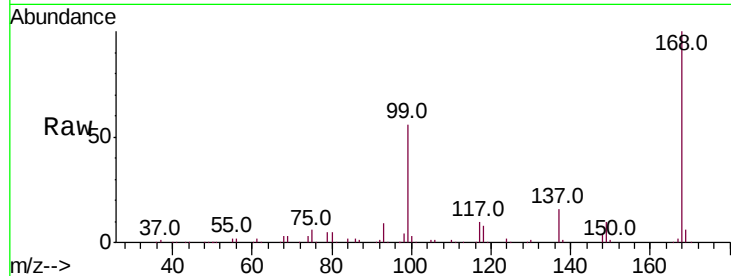
101-102

Tot Ion:168 Resp: 171323

Ion Ratio Lower Upper

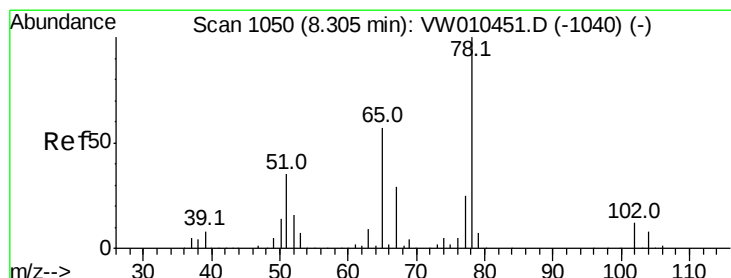
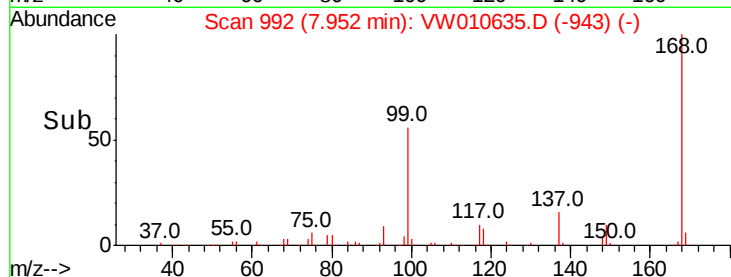
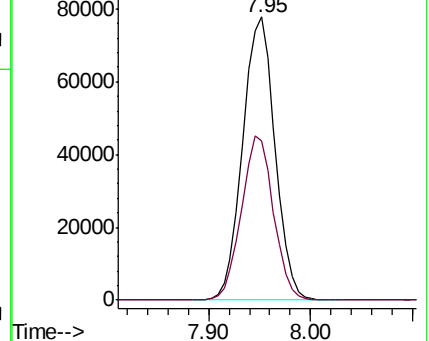
168 100

99 56.3 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 49.394 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010635.D

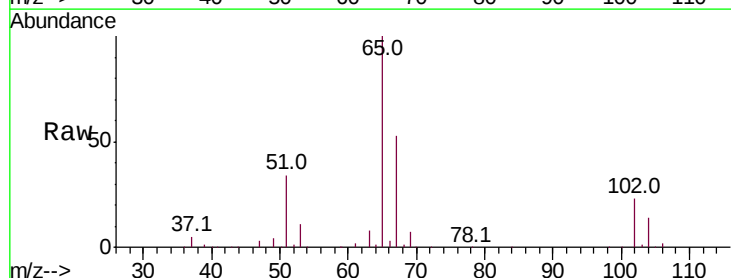
Acq: 31 May 2019 14:33

Tgt Ion: 65 Resp: 87345

Ion Ratio Lower Upper

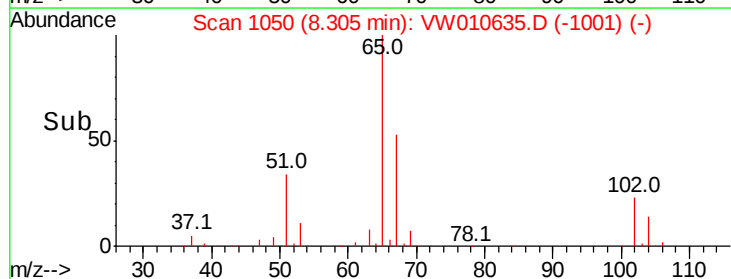
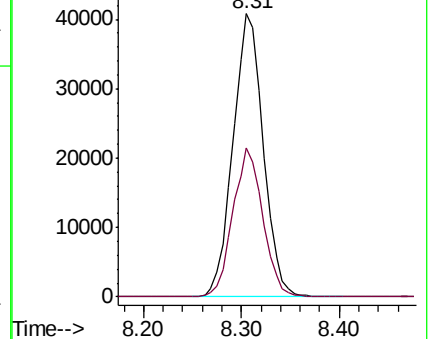
65 100

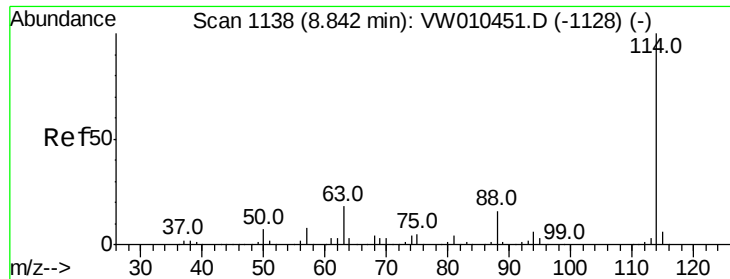
67 51.9 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

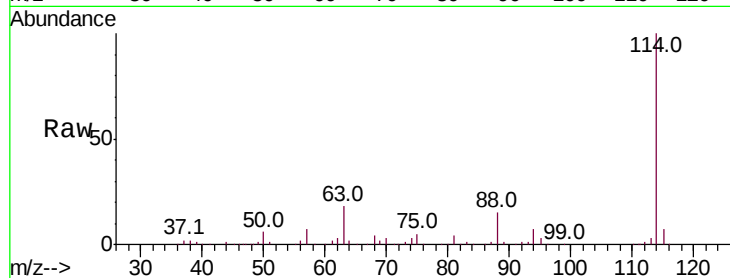




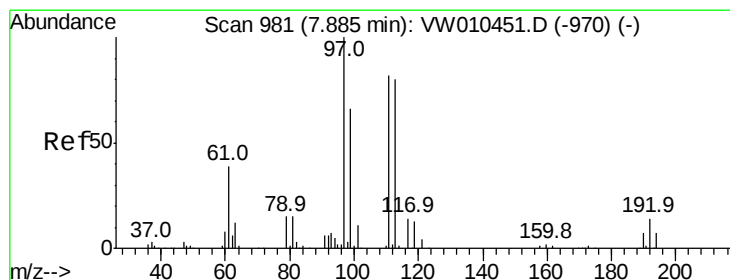
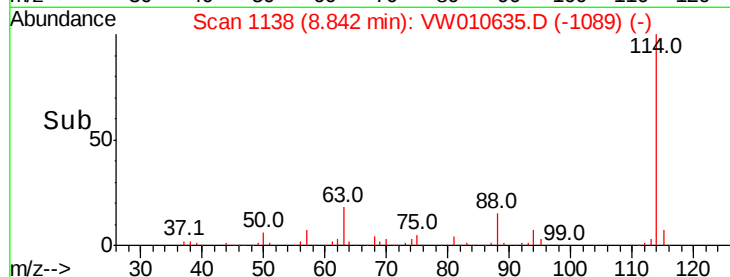
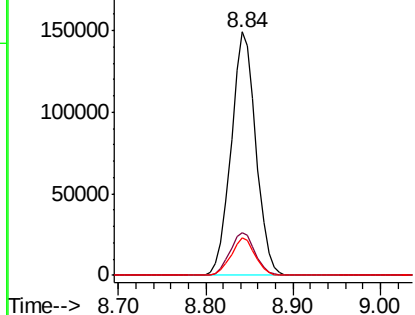
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010635.D
 Acq: 31 May 2019 14:33

Instrument :
 MSVOA_W
 ClientSampleId :
 101-102

Tot Ion:114 Resp: 292904
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.0
 88 15.4 0.0 32.0

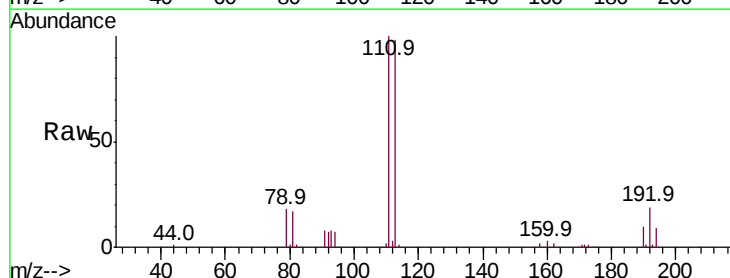


Abundance Ion 113.90 (113.60 to 114.60): V
 200000 Ion 63.00 (62.70 to 63.70): VW
 150000 Ion 87.90 (87.60 to 88.60): VW
 100000
 50000
 0

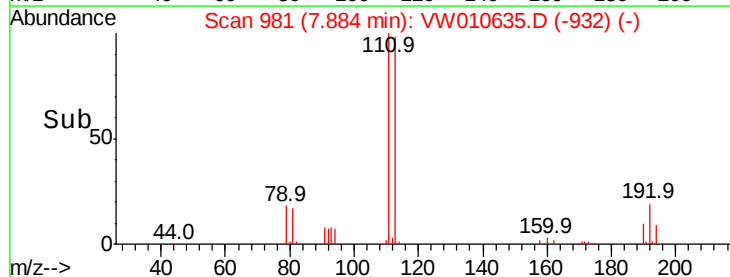
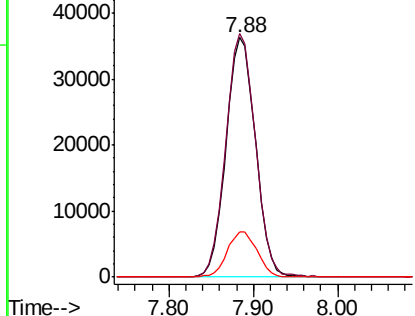


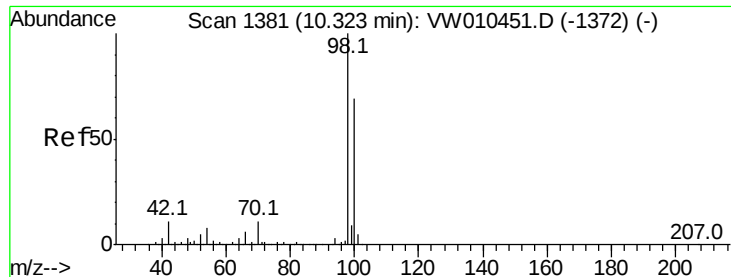
#35
 Dibromofluoromethane
 Concen: 48.597 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010635.D
 Acq: 31 May 2019 14:33

Tgt Ion:113 Resp: 86370
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.4
 192 19.2 14.3 21.5



Abundance Ion 112.80 (112.50 to 113.50): V
 50000 Ion 110.80 (110.50 to 111.50): V
 40000 Ion 191.70 (191.40 to 192.40): V
 30000
 20000
 10000
 0





#50

Toluene-d8

Concen: 51.126 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010635.D

Acq: 31 May 2019 14:33

Instrument :

MSVOA_W

ClientSampled :

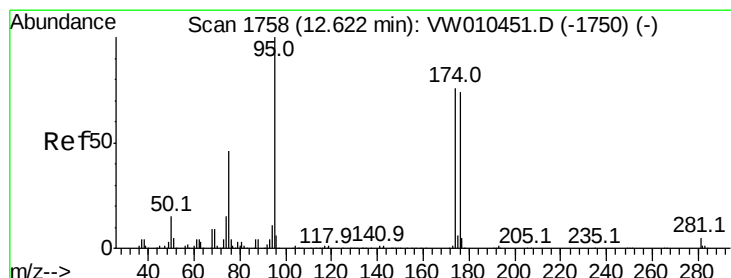
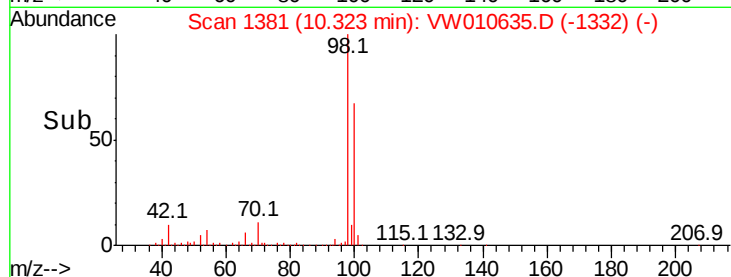
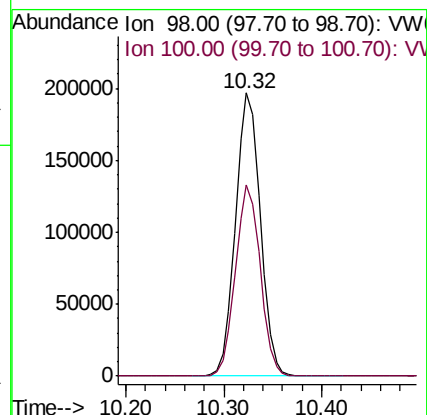
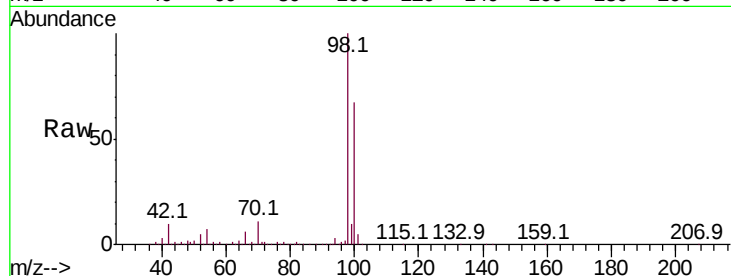
101-102

Tot Ion: 98 Resp: 347128

Ion Ratio Lower Upper

98 100

100 67.4 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 45.766 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010635.D

Acq: 31 May 2019 14:33

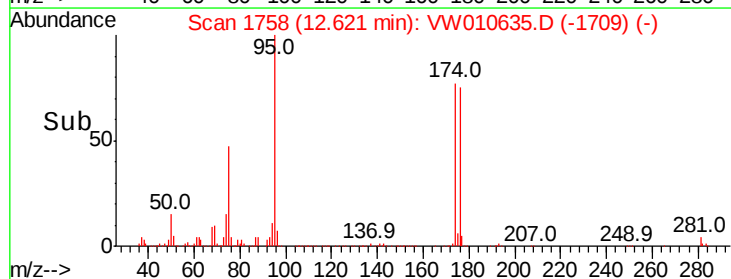
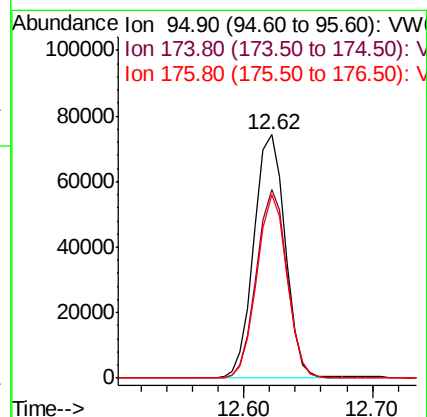
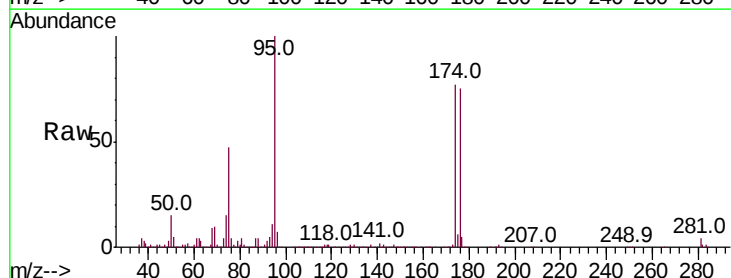
Tgt Ion: 95 Resp: 123771

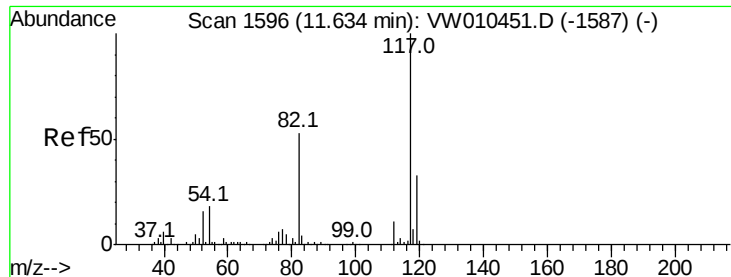
Ion Ratio Lower Upper

95 100

174 76.3 0.0 148.6

176 73.0 0.0 144.2

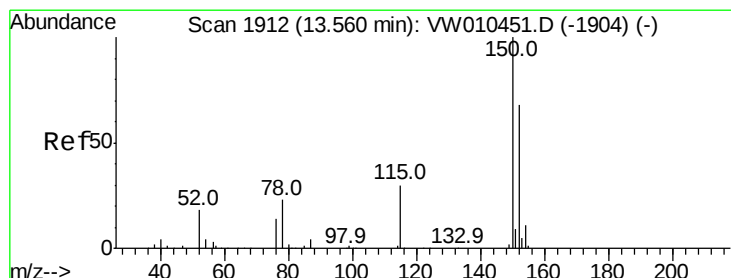
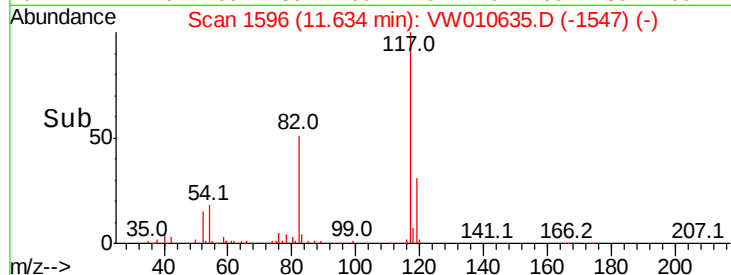
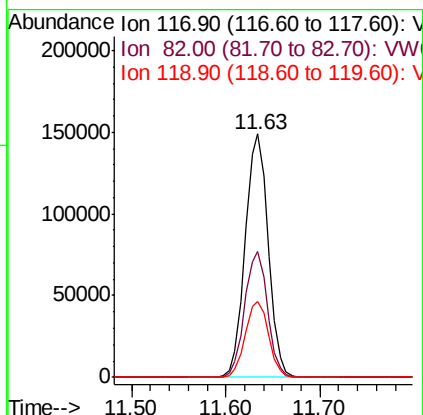
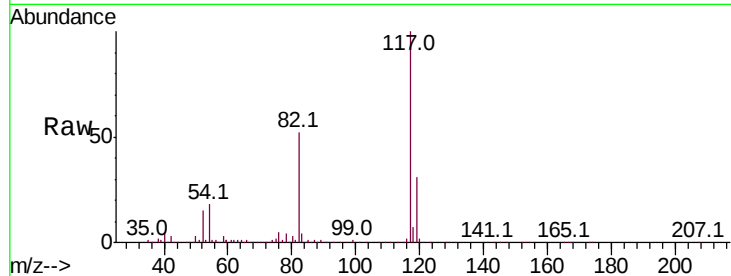




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010635.D
Acq: 31 May 2019 14:33

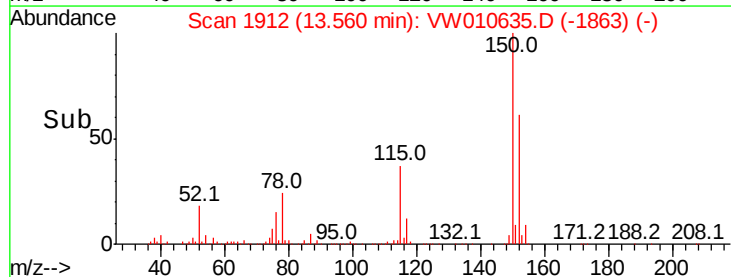
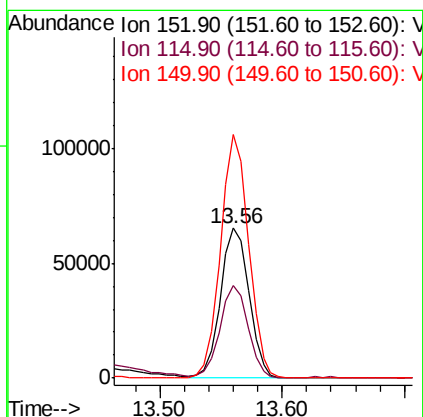
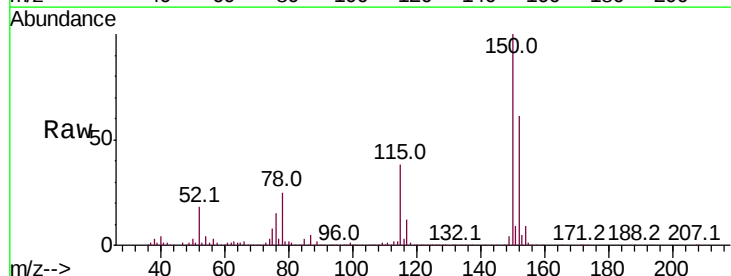
Instrument :
MSVOA_W
ClientSampleId :
101-102

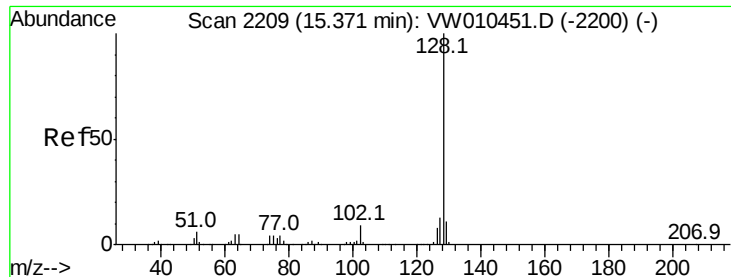
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	42.8	64.2
119	31.2	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010635.D
Acq: 31 May 2019 14:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	30.3	91.0
150	158.6	0.0	349.8

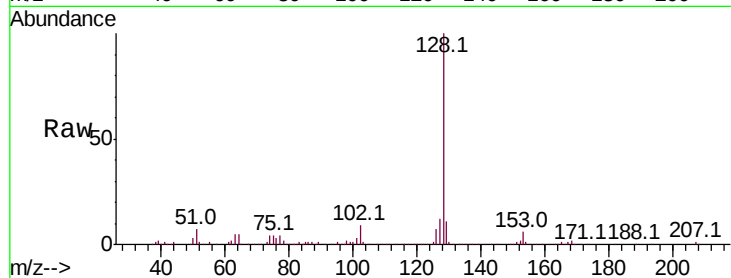




#95
Naphthalene
Concen: 20.405 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010635.D
Acq: 31 May 2019 14:33

Instrument :
MSVOA_W
ClientSampleId :
101-102

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	10.5	8.9	13.3



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

