

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080619\
 Data File : VW011729.D
 Acq On : 05 Aug 2019 23:50
 Operator : SY/VA
 Sample : K4164-01
 Misc : 5.22G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-2000030

Quant Time: Aug 06 08:43:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	219902	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	367222	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	300333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	110556	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	144675	57.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.60%	
35) Dibromofluoromethane	7.88	113	112901	54.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.60%	
50) Toluene-d8	10.32	98	451155	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	
62) 4-Bromofluorobenzene	12.62	95	137215	45.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.26%	

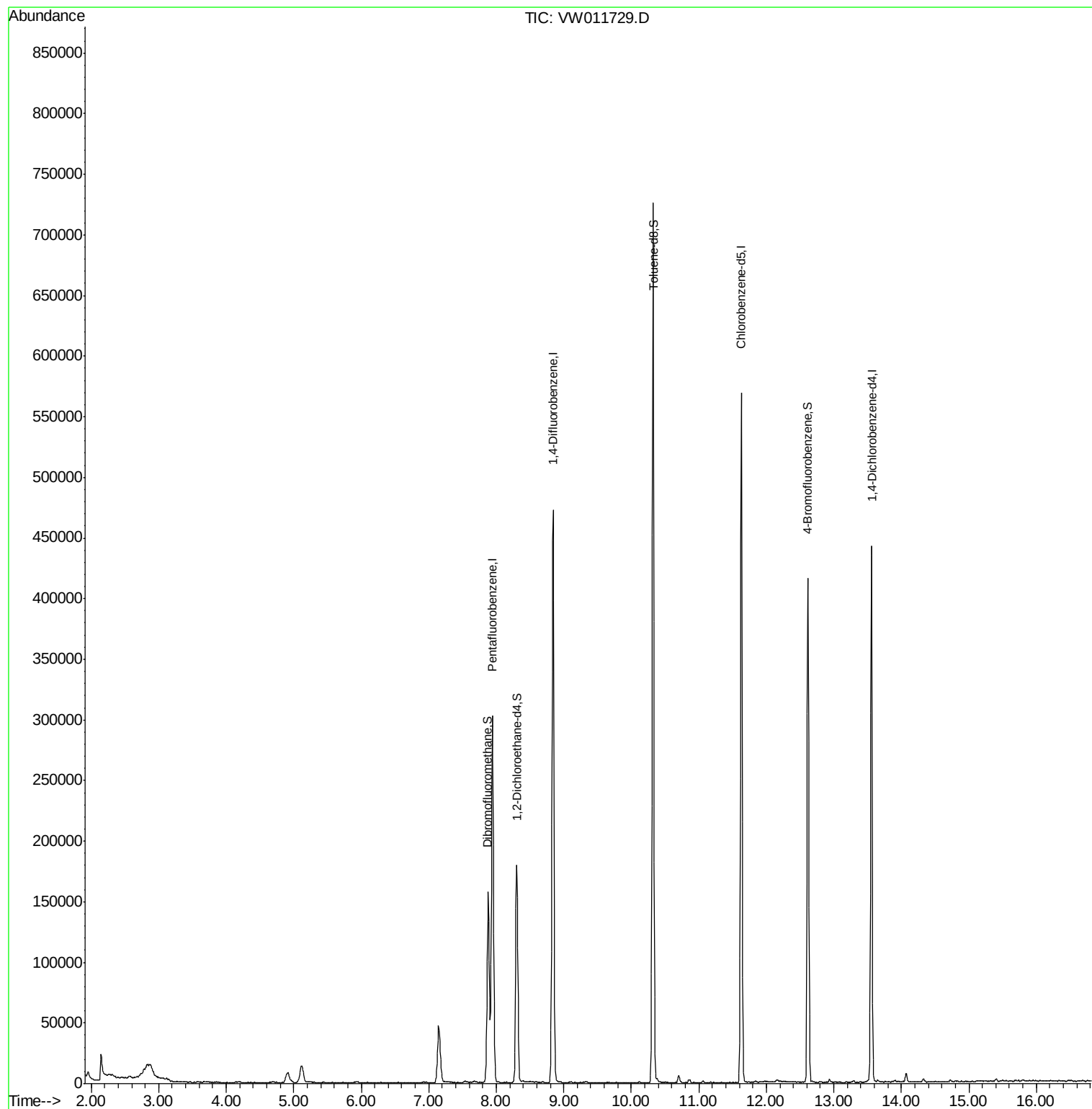
Target Compounds	Qvalue

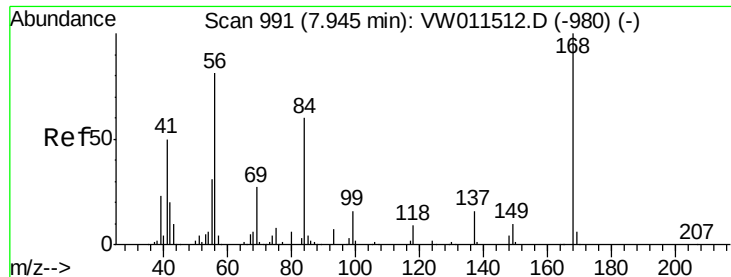
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011729.D

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Instrument :

MSVOA_W

ClientSampleId :

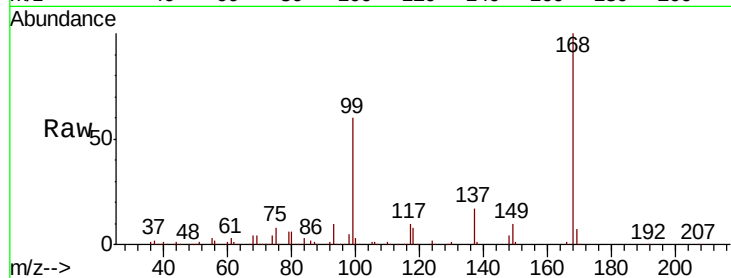
RBR-2000030

Tot Ion:168 Resp: 219902

Ion Ratio Lower Upper

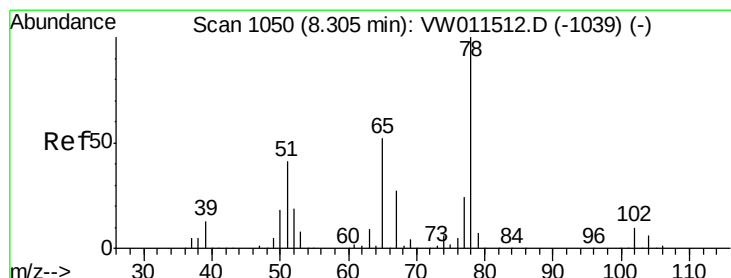
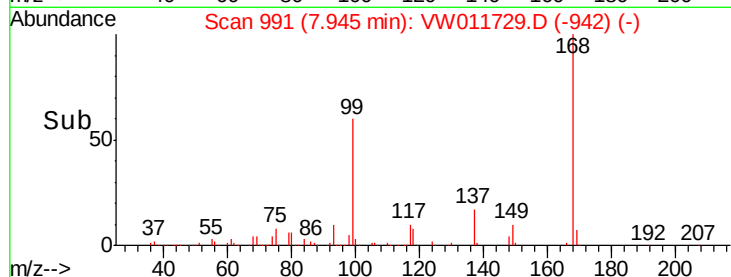
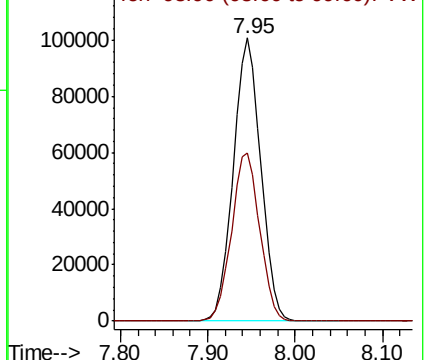
168 100

99 59.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 57.295 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011729.D

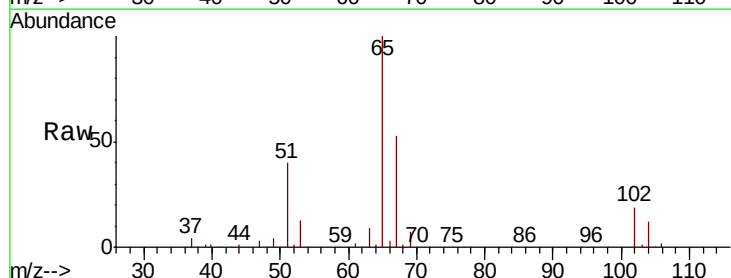
Acq: 05 Aug 2019 23:50

Tgt Ion: 65 Resp: 144675

Ion Ratio Lower Upper

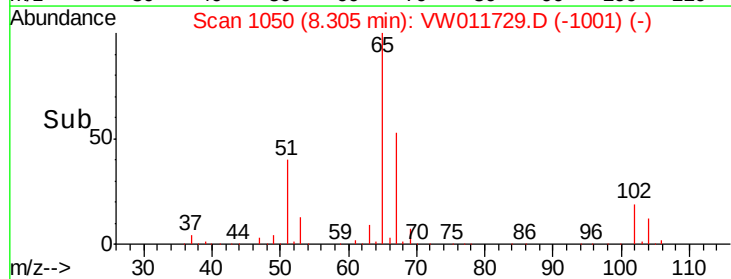
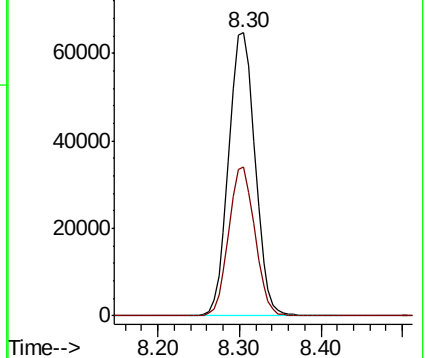
65 100

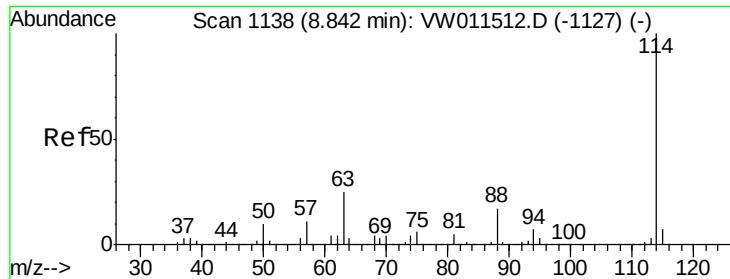
67 52.0 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

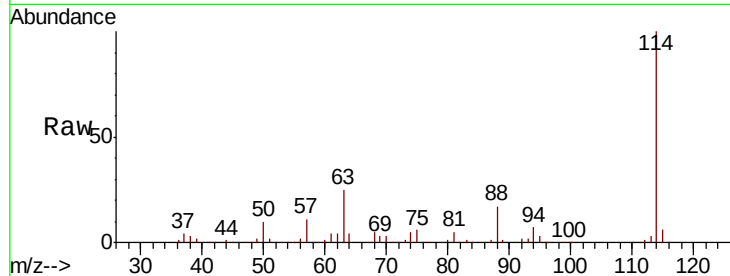




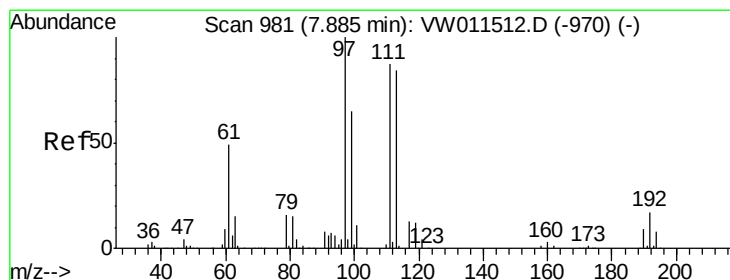
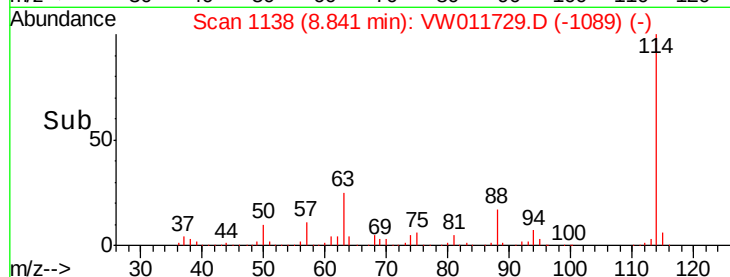
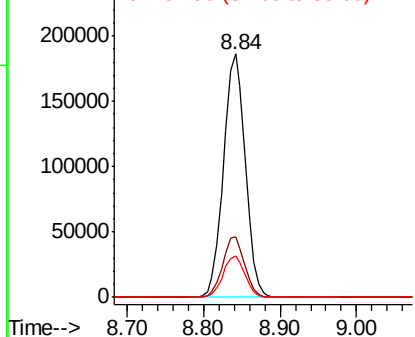
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011729.D
 Acq: 05 Aug 2019 23:50

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-2000030

Tot Ion:114 Resp: 367222
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 49.2
 88 17.1 0.0 33.8

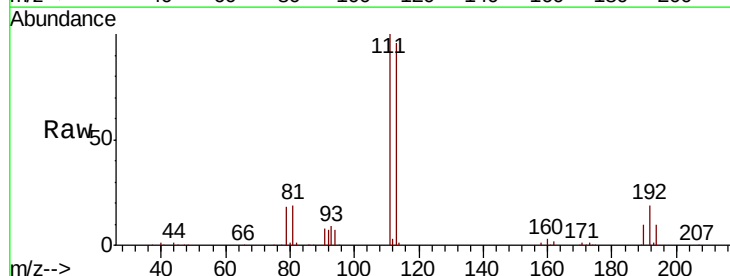


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

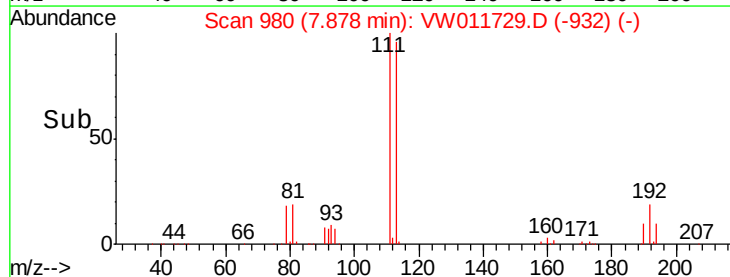
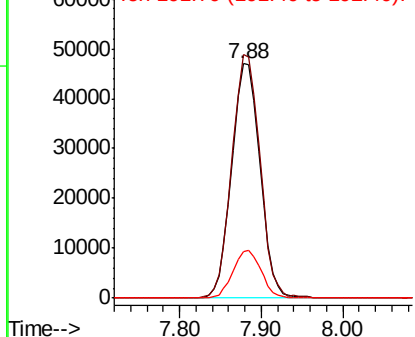


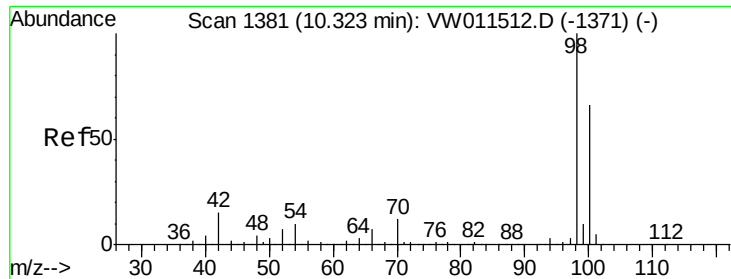
#35
 Dibromofluoromethane
 Concen: 54.802 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011729.D
 Acq: 05 Aug 2019 23:50

Tgt Ion:113 Resp: 112901
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.7 124.1
 192 20.2 16.1 24.1



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: 53.486 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011729.D

Acq: 05 Aug 2019 23:50

Instrument :

MSVOA_W

ClientSampleId :

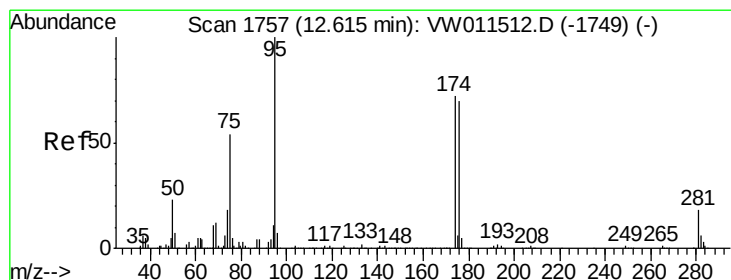
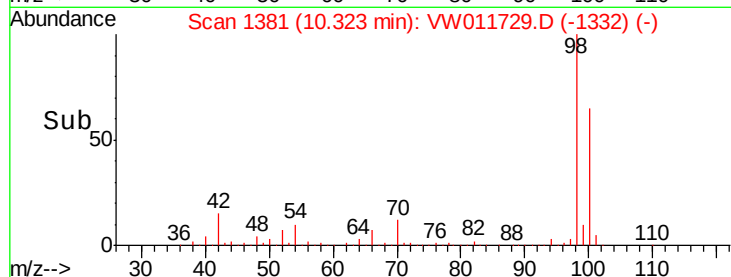
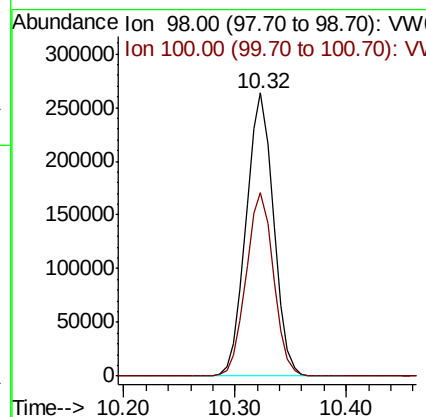
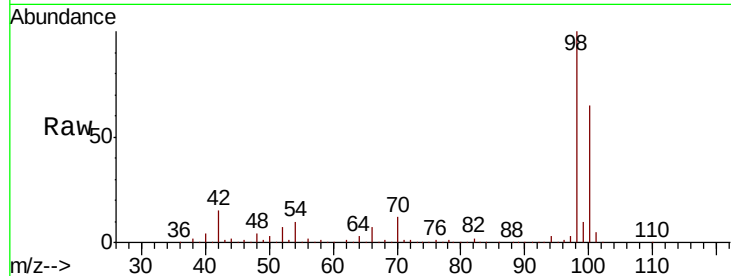
RBR-2000030

Tot Ion: 98 Resp: 451155

Ion Ratio Lower Upper

98 100

100 64.9 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 45.628 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011729.D

Acq: 05 Aug 2019 23:50

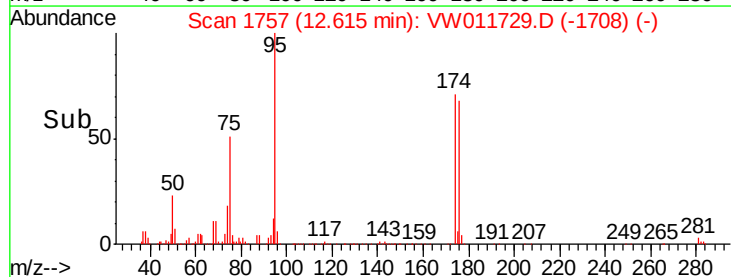
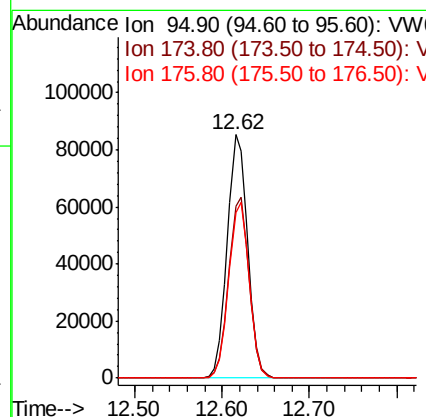
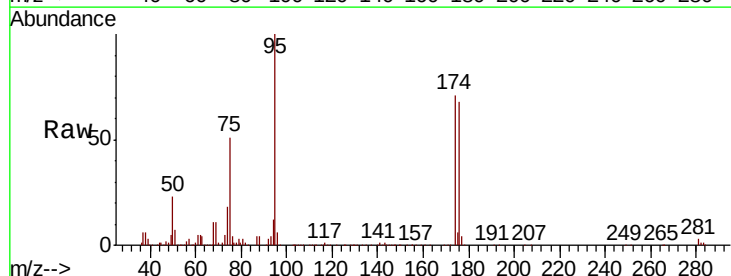
Tgt Ion: 95 Resp: 137215

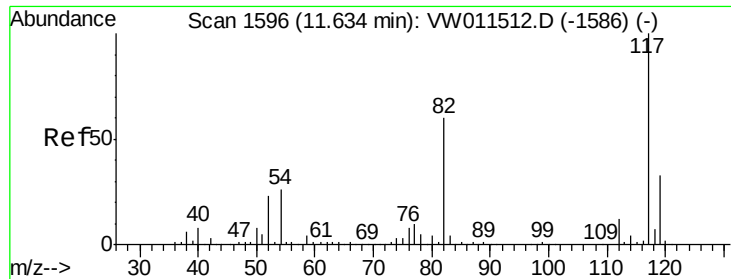
Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.2

176 72.9 0.0 144.4

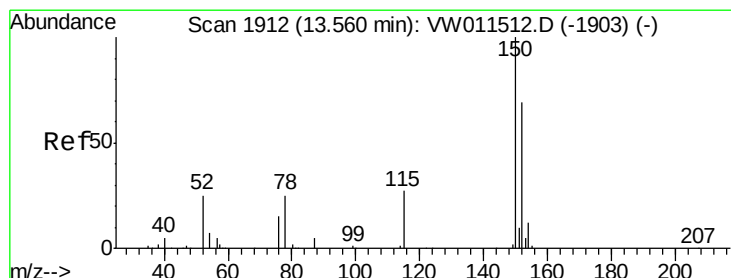
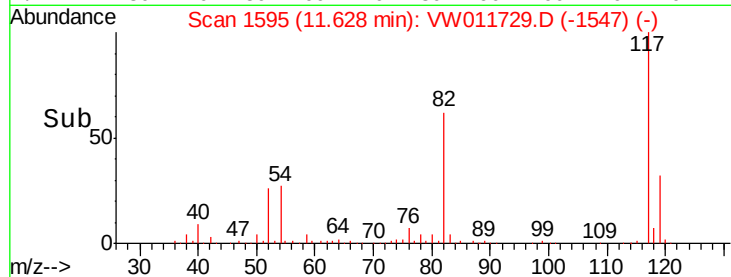
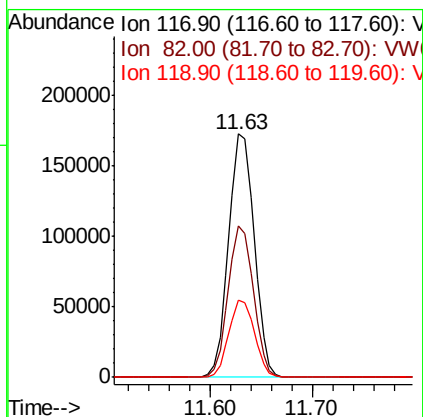
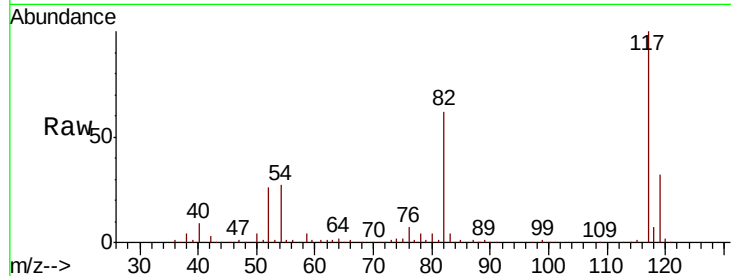




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011729.D
Acq: 05 Aug 2019 23:50

Instrument :
MSVOA_W
ClientSampleId :
RBR-2000030

Tot Ion:117 Resp: 300333
Ion Ratio Lower Upper
117 100
82 62.0 47.9 71.9
119 31.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011729.D
Acq: 05 Aug 2019 23:50

Tgt Ion:152 Resp: 110556
Ion Ratio Lower Upper
152 100
115 59.7 30.5 91.5
150 156.2 0.0 352.6

