

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011337.D
 Acq On : 18 Jul 2019 16:42
 Operator : SY/VA
 Sample : K3813-01
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LA119SW005-SD-190712

Quant Time: Jul 19 07:26:15 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	189530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	326145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	278020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	117426	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	134455	56.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.92%	
35) Dibromofluoromethane	7.88	113	102022	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
50) Toluene-d8	10.32	98	405611	51.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.24%	
62) 4-Bromofluorobenzene	12.62	95	136095	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	

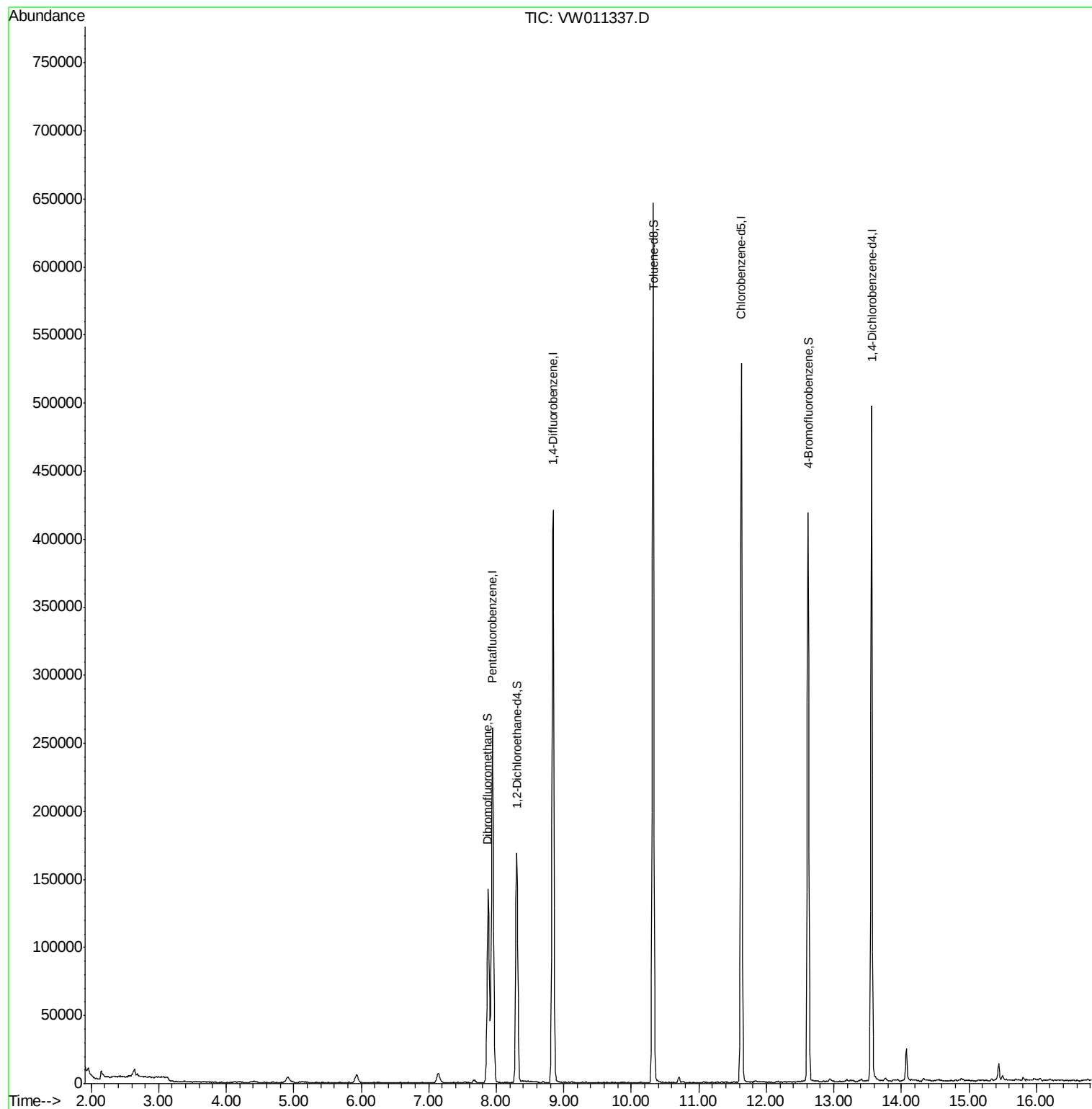
Target Compounds Qvalue

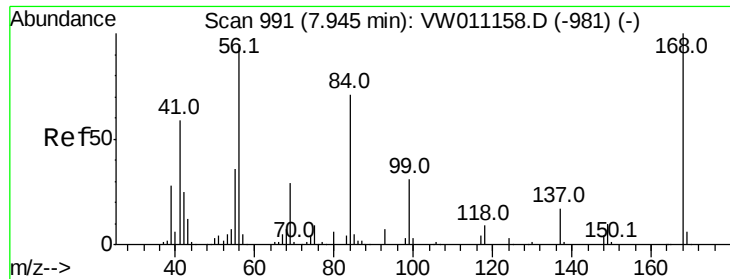
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011337.D

Acq: 18 Jul 2019 16:42

Instrument :

MSVOA_W

ClientSampleId :

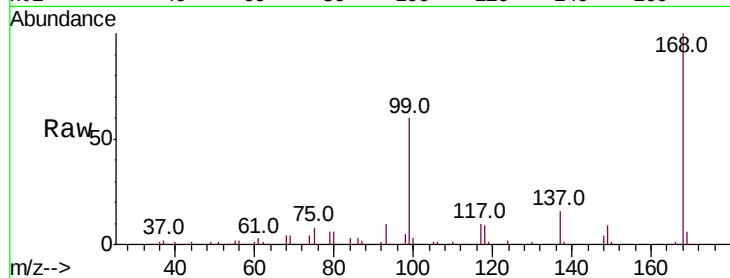
LA119SW005-SD-190712

Tot Ion:168 Resp: 189530

Ion Ratio Lower Upper

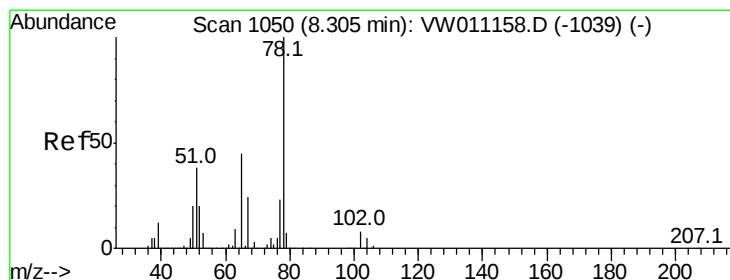
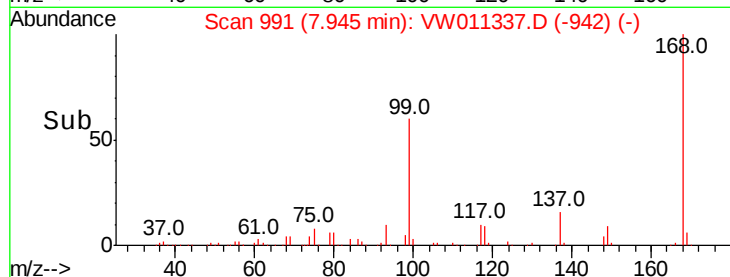
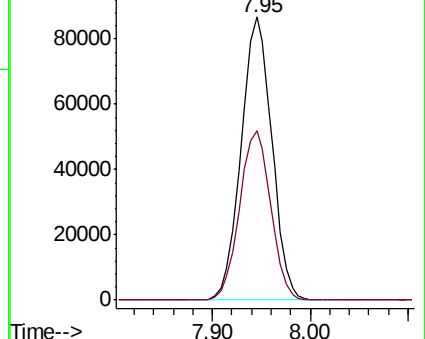
168 100

99 59.7 50.1 75.1



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: 56.458 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011337.D

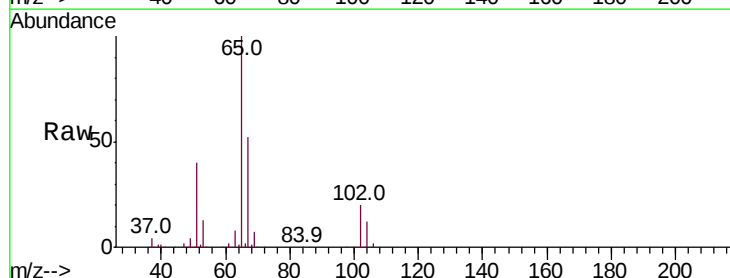
Acq: 18 Jul 2019 16:42

Tgt Ion: 65 Resp: 134455

Ion Ratio Lower Upper

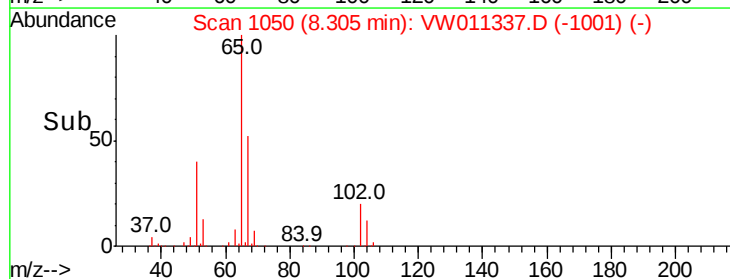
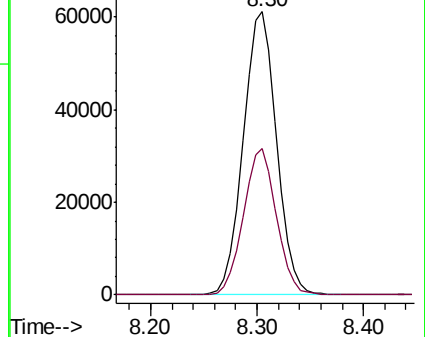
65 100

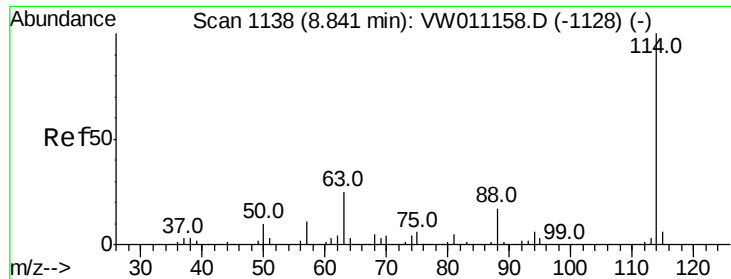
67 51.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

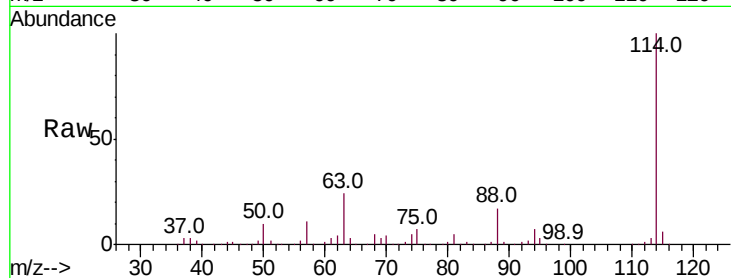




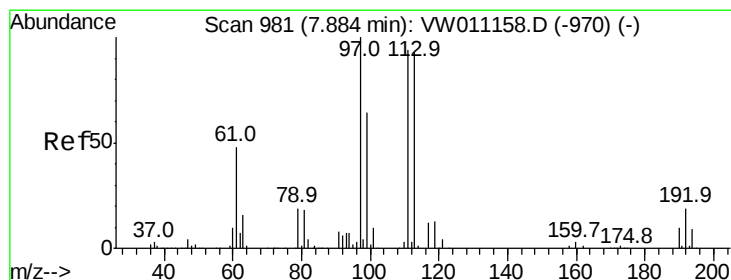
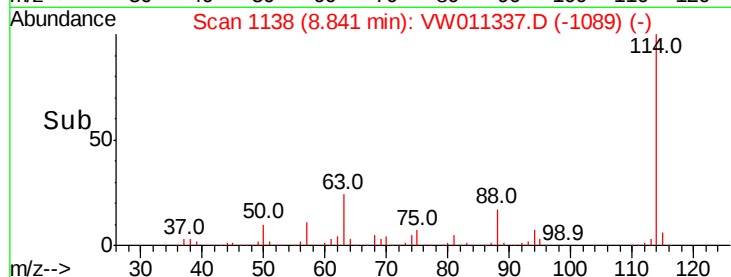
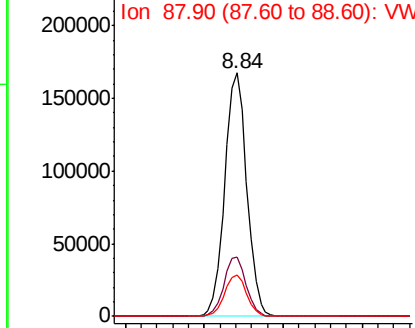
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW011337.D
Acq: 18 Jul 2019 16:42

Instrument :
MSVOA_W
ClientSampleId :
LA119SW005-SD-190712

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.5	0.0	50.8
88	17.0	0.0	34.2

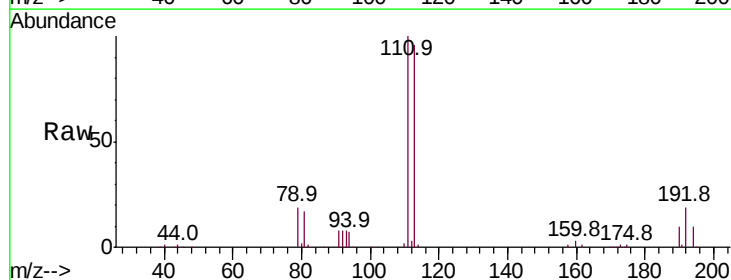


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

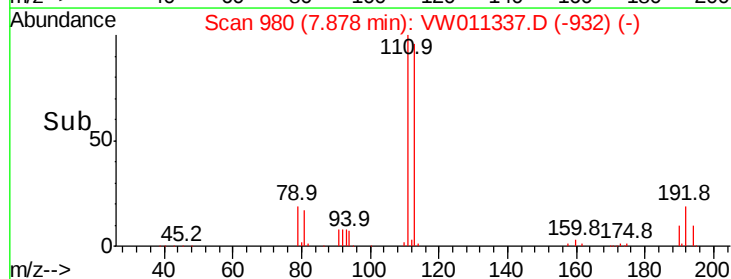
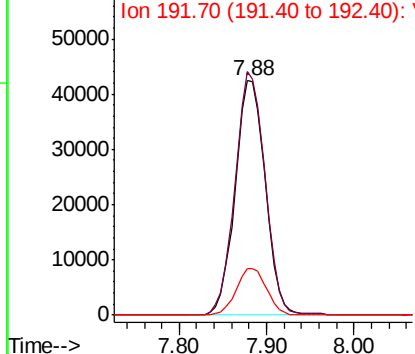


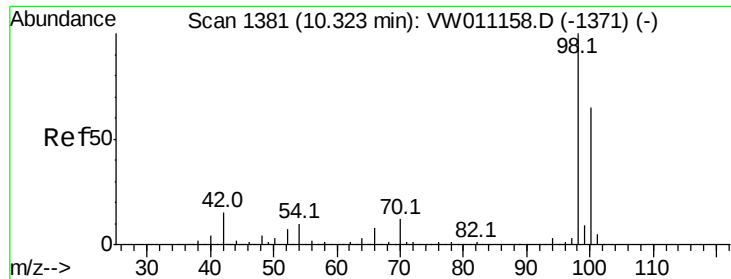
#35
Dibromofluoromethane
Concen: 52.481 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW011337.D
Acq: 18 Jul 2019 16:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	19.9	15.8	23.8



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: 51.619 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011337.D

Acq: 18 Jul 2019 16:42

Instrument :

MSVOA_W

ClientSampleId :

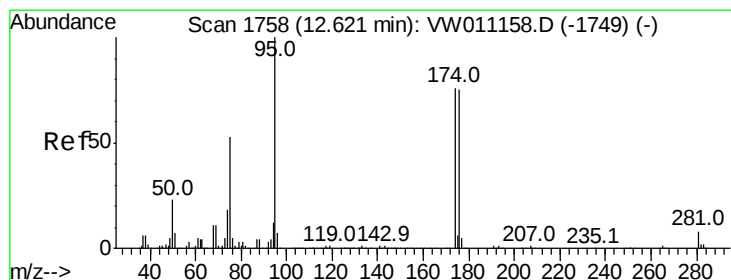
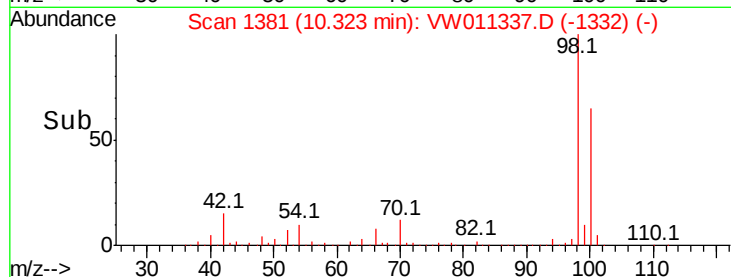
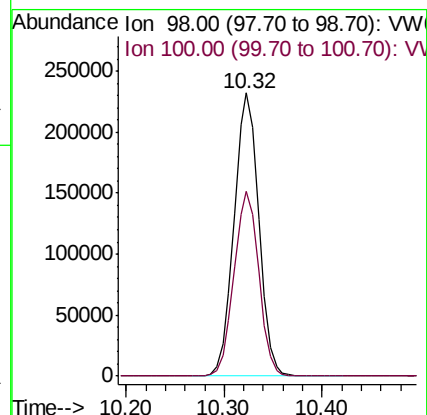
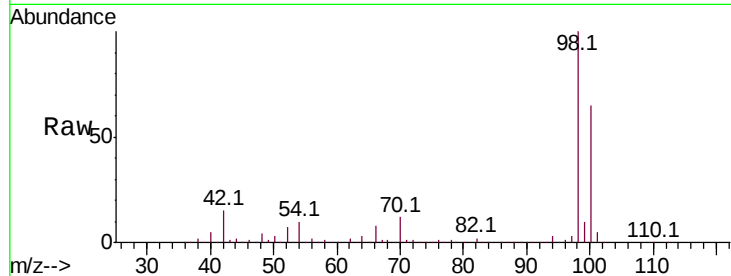
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Tot Ion: 98 Resp: 405611

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 47.253 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW011337.D

Acq: 18 Jul 2019 16:42

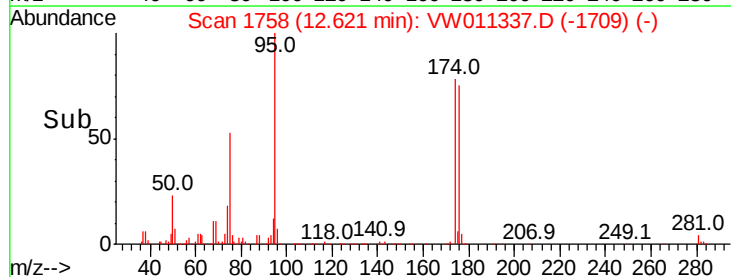
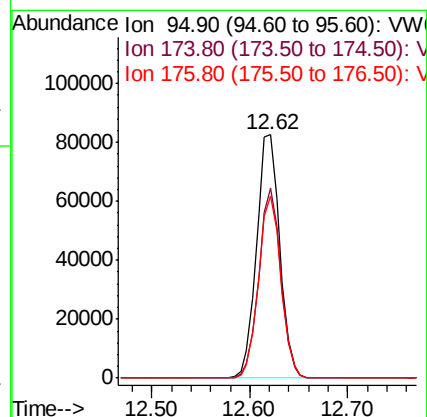
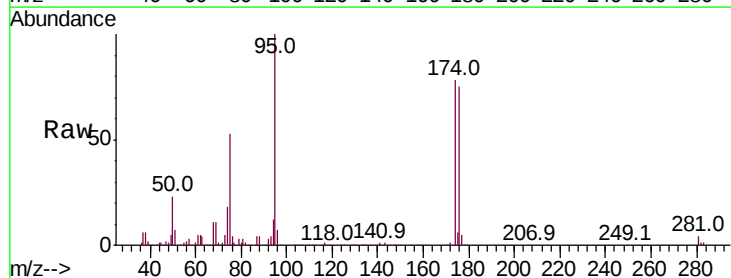
Tgt Ion: 95 Resp: 136095

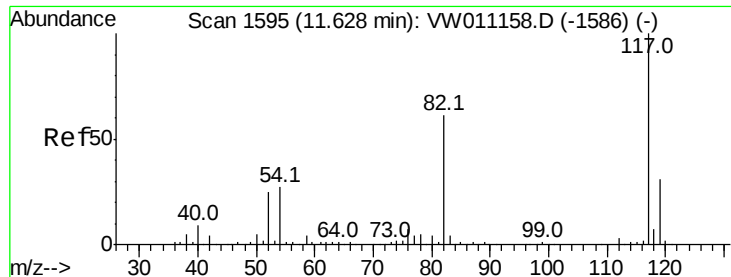
Ion Ratio Lower Upper

95 100

174 74.3 0.0 147.6

176 72.2 0.0 144.6

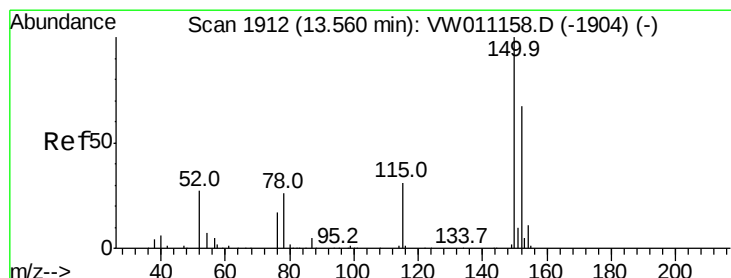
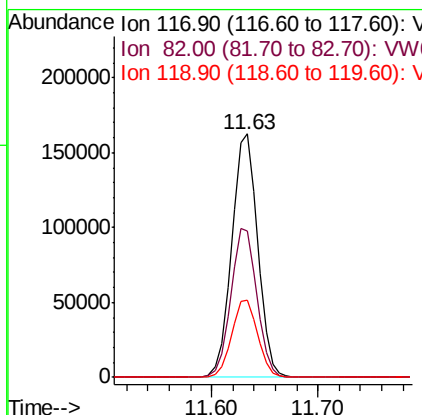
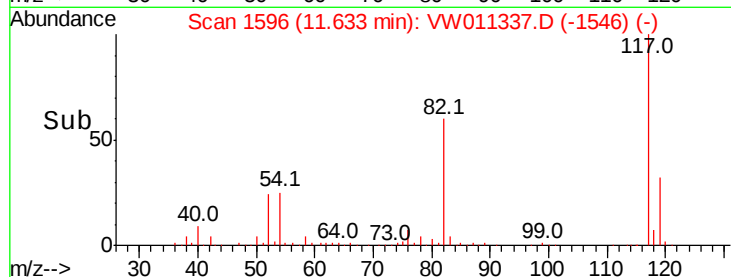
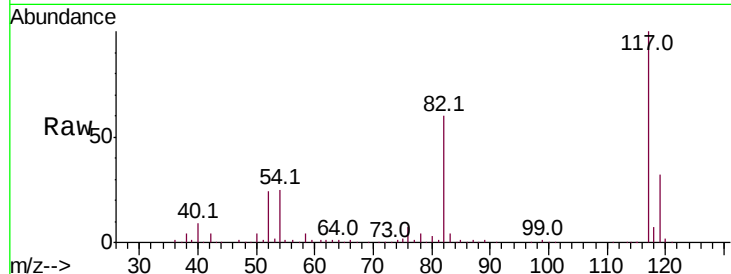




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011337.D
Acq: 18 Jul 2019 16:42

Instrument :
MSVOA_W
ClientSampleId :
LA119SW005-SD-190712

Tot Ion:117 Resp: 278020
Ion Ratio Lower Upper
117 100
82 60.0 48.9 73.3
119 31.9 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011337.D
Acq: 18 Jul 2019 16:42

Tgt Ion:152 Resp: 117426
Ion Ratio Lower Upper
152 100
115 60.9 30.1 90.3
150 157.8 0.0 346.0

