

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072019\
 Data File : VW011404.D
 Acq On : 20 Jul 2019 05:17
 Operator : SY/VA
 Sample : K3835-29
 Misc : 4.71G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-11(0-2)

Quant Time: Jul 20 06:58:50 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	236877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	402374	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	336840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	138906	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	160988	54.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.18%	
35) Dibromofluoromethane	7.88	113	126452	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
50) Toluene-d8	10.32	98	498943	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.62	95	159397	44.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.72%	

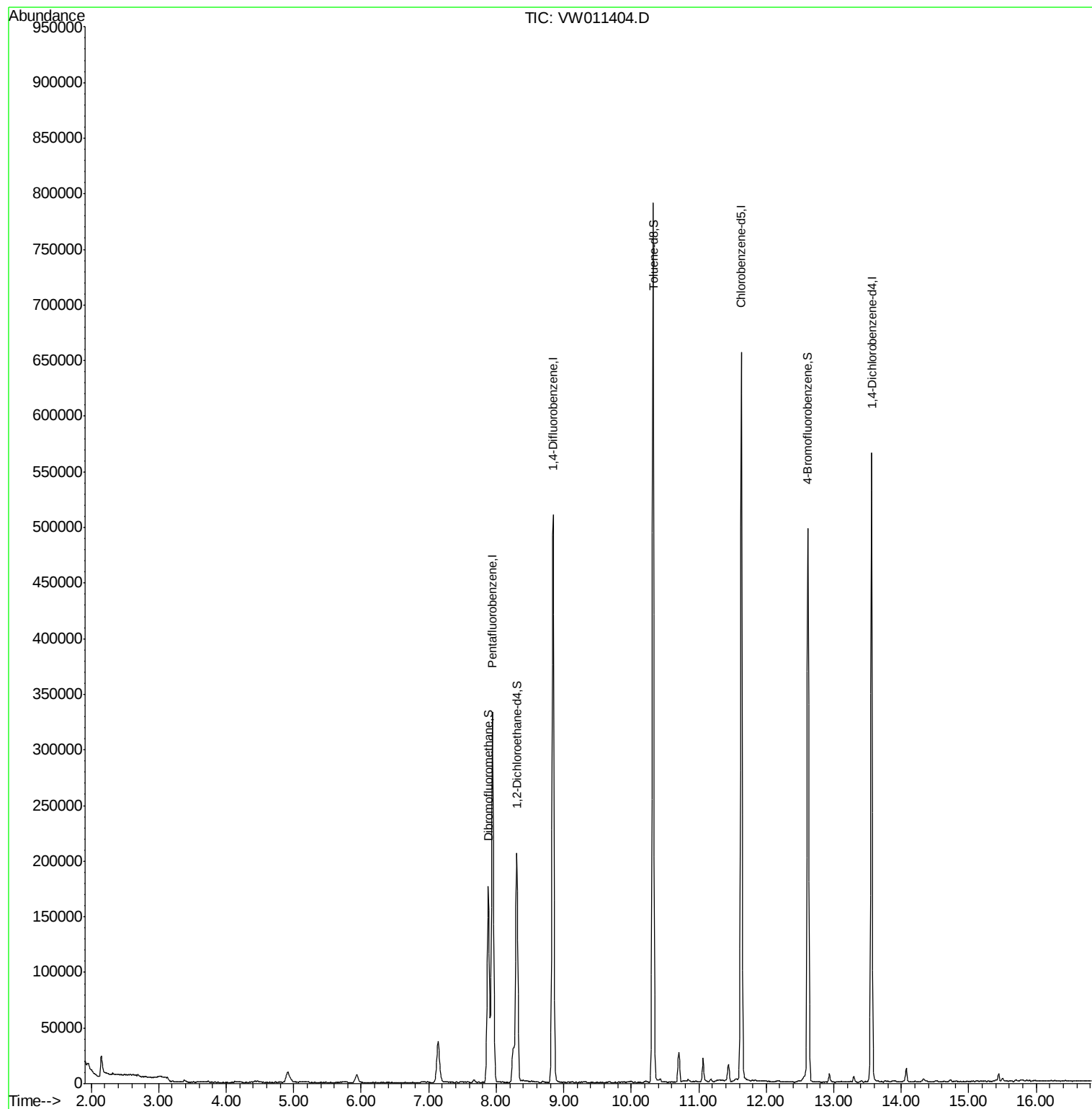
Target Compounds	Qvalue

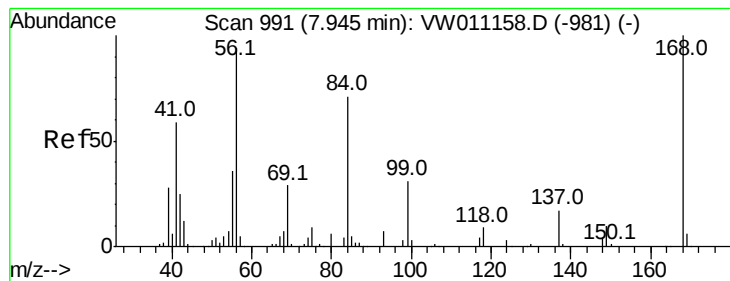
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011404.D

Acq: 20 Jul 2019 05:17

Instrument :

MSVOA_W

ClientSampleId :

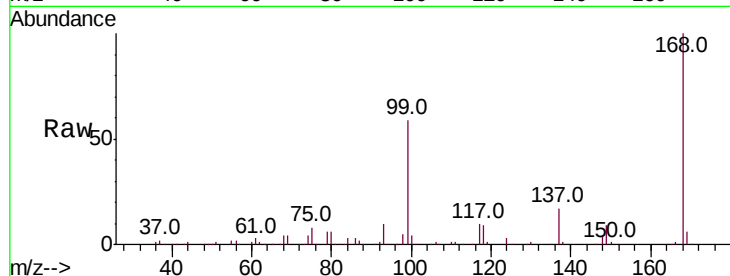
SB-11(0-2)

Tot Ion:168 Resp: 236877

Ion Ratio Lower Upper

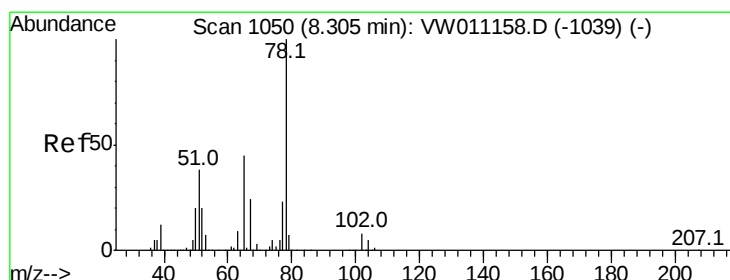
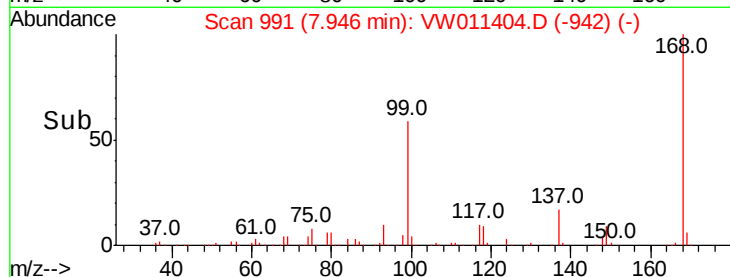
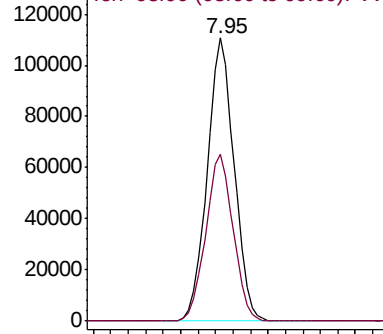
168 100

99 59.1 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: 54.087 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011404.D

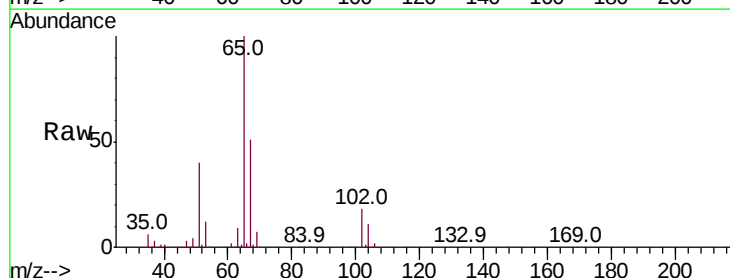
Acq: 20 Jul 2019 05:17

Tgt Ion: 65 Resp: 160988

Ion Ratio Lower Upper

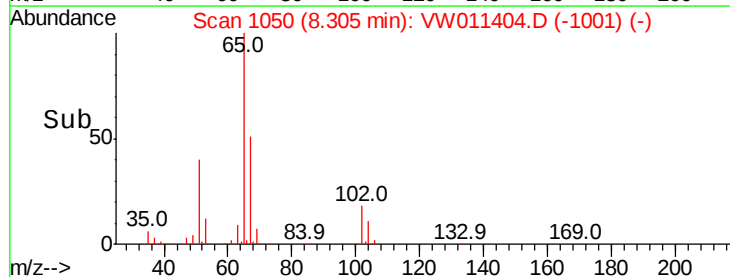
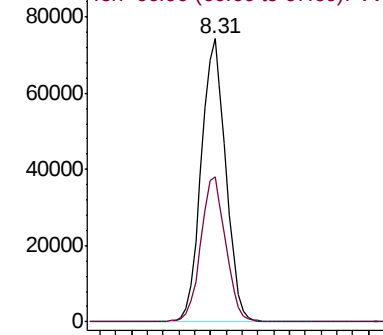
65 100

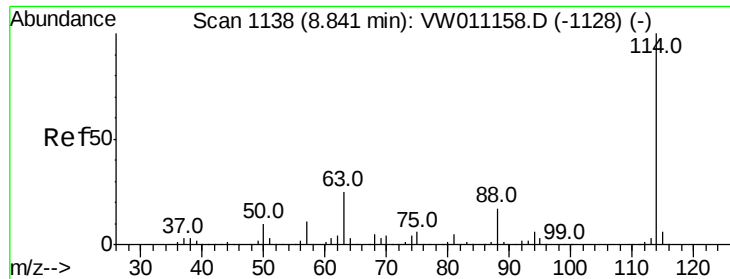
67 52.0 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

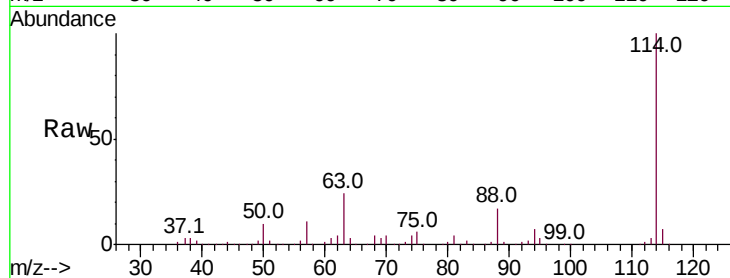




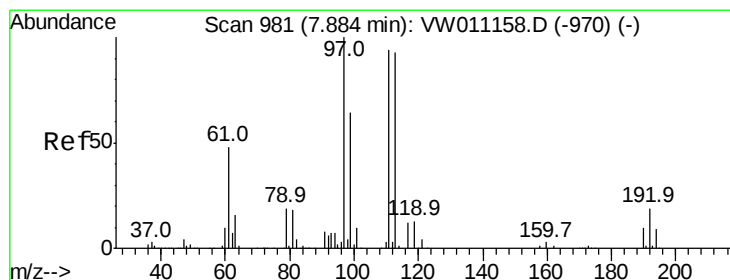
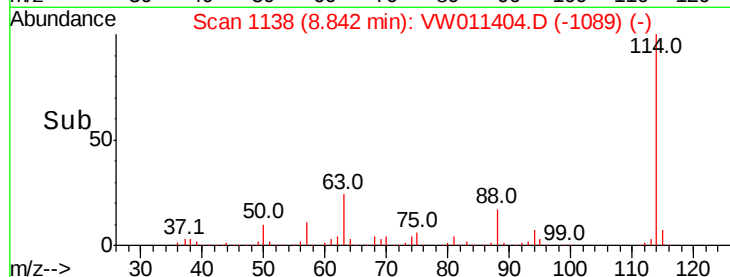
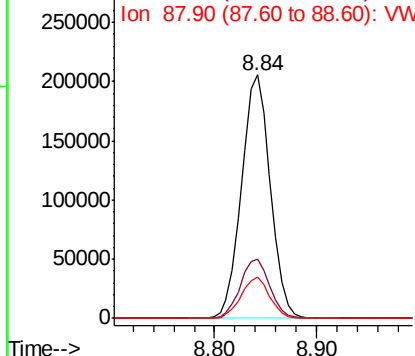
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011404.D
 Acq: 20 Jul 2019 05:17

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-11(0-2)

Tot Ion:114 Resp: 402374
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 50.8
 88 16.8 0.0 34.2

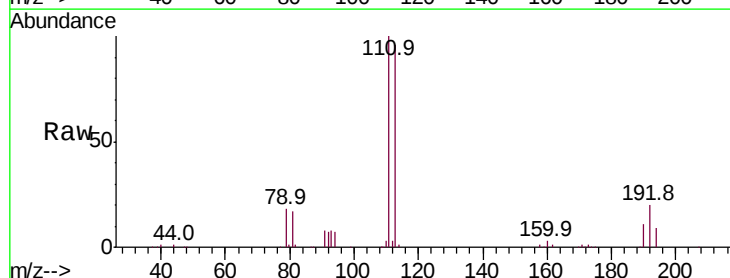


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

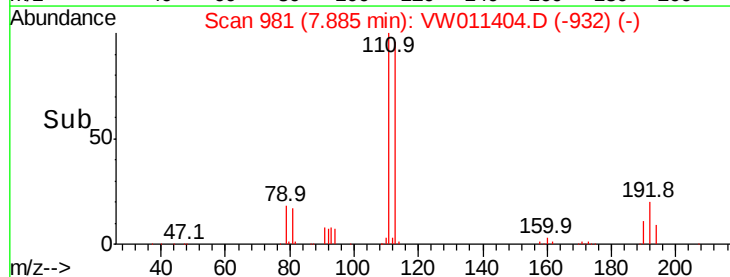
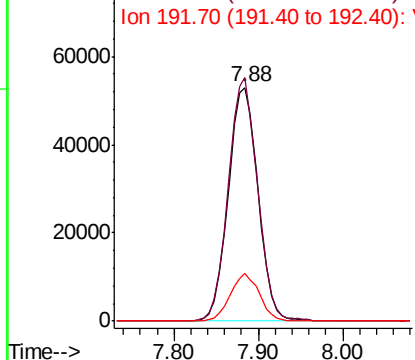


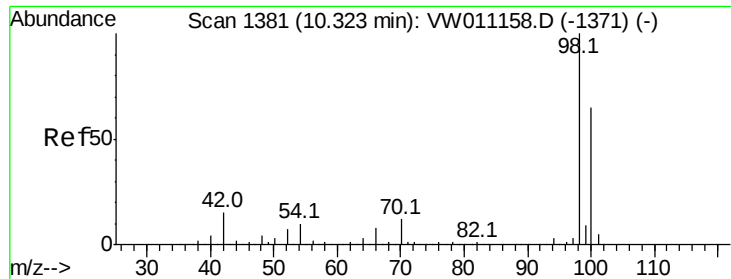
#35
 Dibromofluoromethane
 Concen: 52.725 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011404.D
 Acq: 20 Jul 2019 05:17

Tgt Ion:113 Resp: 126452
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.4 123.6
 192 19.8 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: 51.467 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011404.D

Acq: 20 Jul 2019 05:17

Instrument :

MSVOA_W

ClientSampleId :

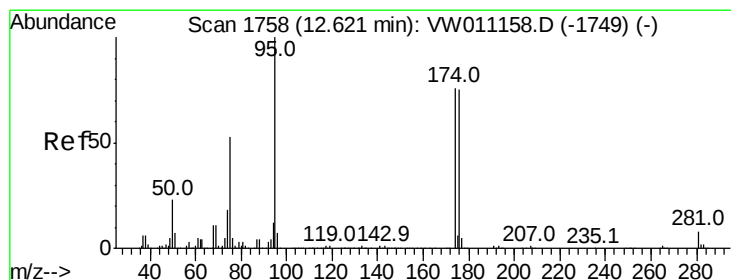
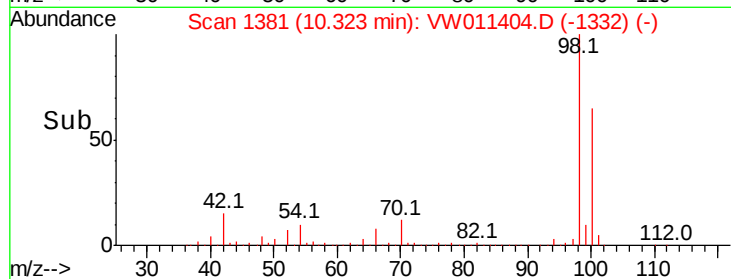
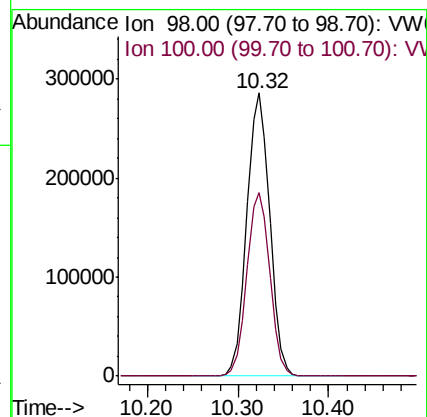
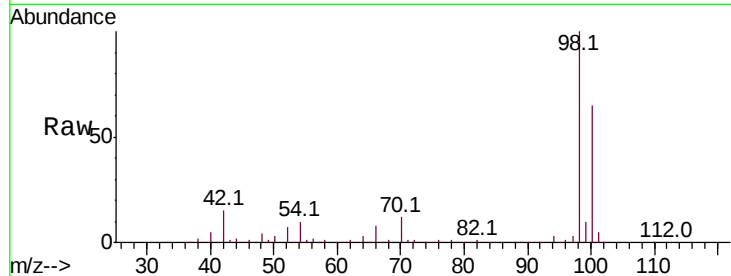
SB-11(0-2)

Tot Ion: 98 Resp: 498943

Ion Ratio Lower Upper

98 100

100 65.0 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 44.858 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW011404.D

Acq: 20 Jul 2019 05:17

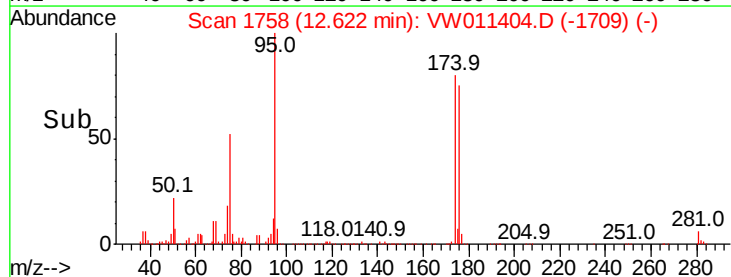
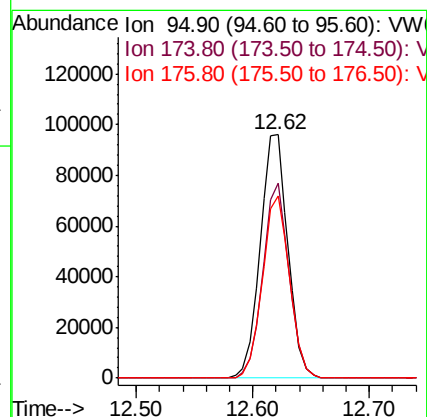
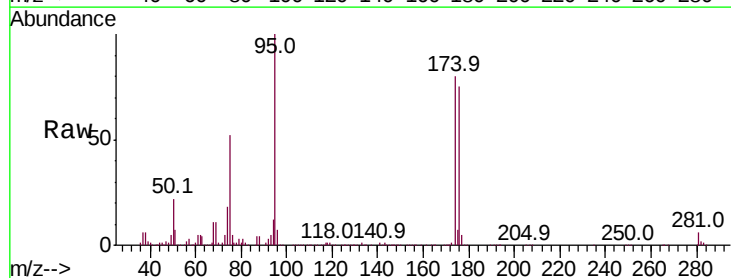
Tgt Ion: 95 Resp: 159397

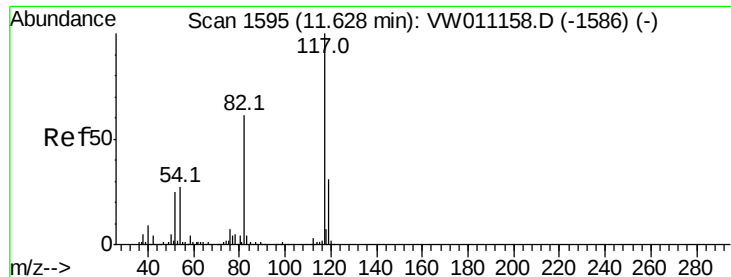
Ion Ratio Lower Upper

95 100

174 75.7 0.0 147.6

176 73.2 0.0 144.6

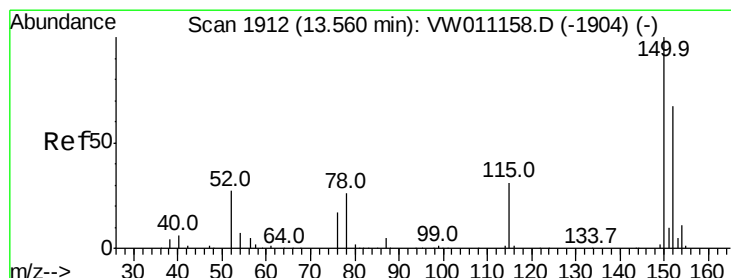
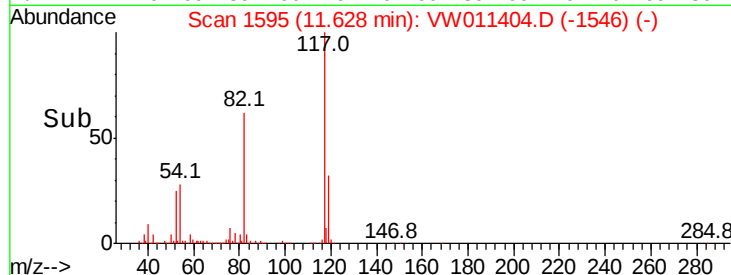
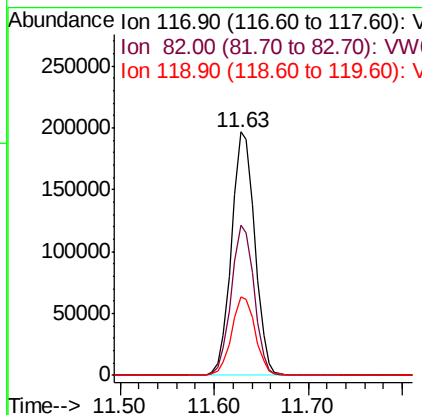
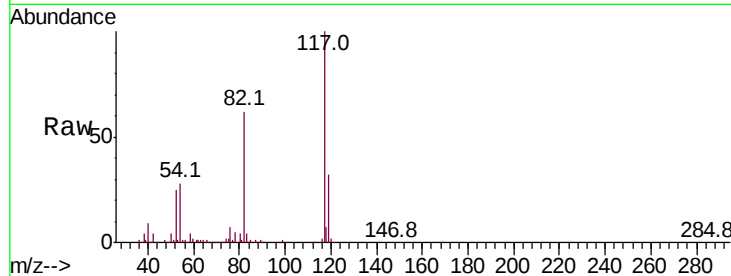




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011404.D
Acq: 20 Jul 2019 05:17

Instrument :
MSVOA_W
ClientSampleId :
SB-11(0-2)

Tot Ion:117 Resp: 336840
Ion Ratio Lower Upper
117 100
82 61.7 48.9 73.3
119 32.1 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: VW011404.D
Acq: 20 Jul 2019 05:17

Tgt Ion:152 Resp: 138906
Ion Ratio Lower Upper
152 100
115 60.5 30.1 90.3
150 156.0 0.0 346.0

