

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011366.D
 Acq On : 19 Jul 2019 06:59
 Operator : SY/VA
 Sample : K3835-27
 Misc : 4.97G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-10(0-2)

Quant Time: Jul 19 08:55:15 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	7.94	168	208682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	359286	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	313409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	123640	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	146925	56.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.06%	
35) Dibromofluoromethane	7.88	113	112118	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
50) Toluene-d8	10.32	98	456880	52.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.56%	
62) 4-Bromofluorobenzene	12.62	95	146786	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	

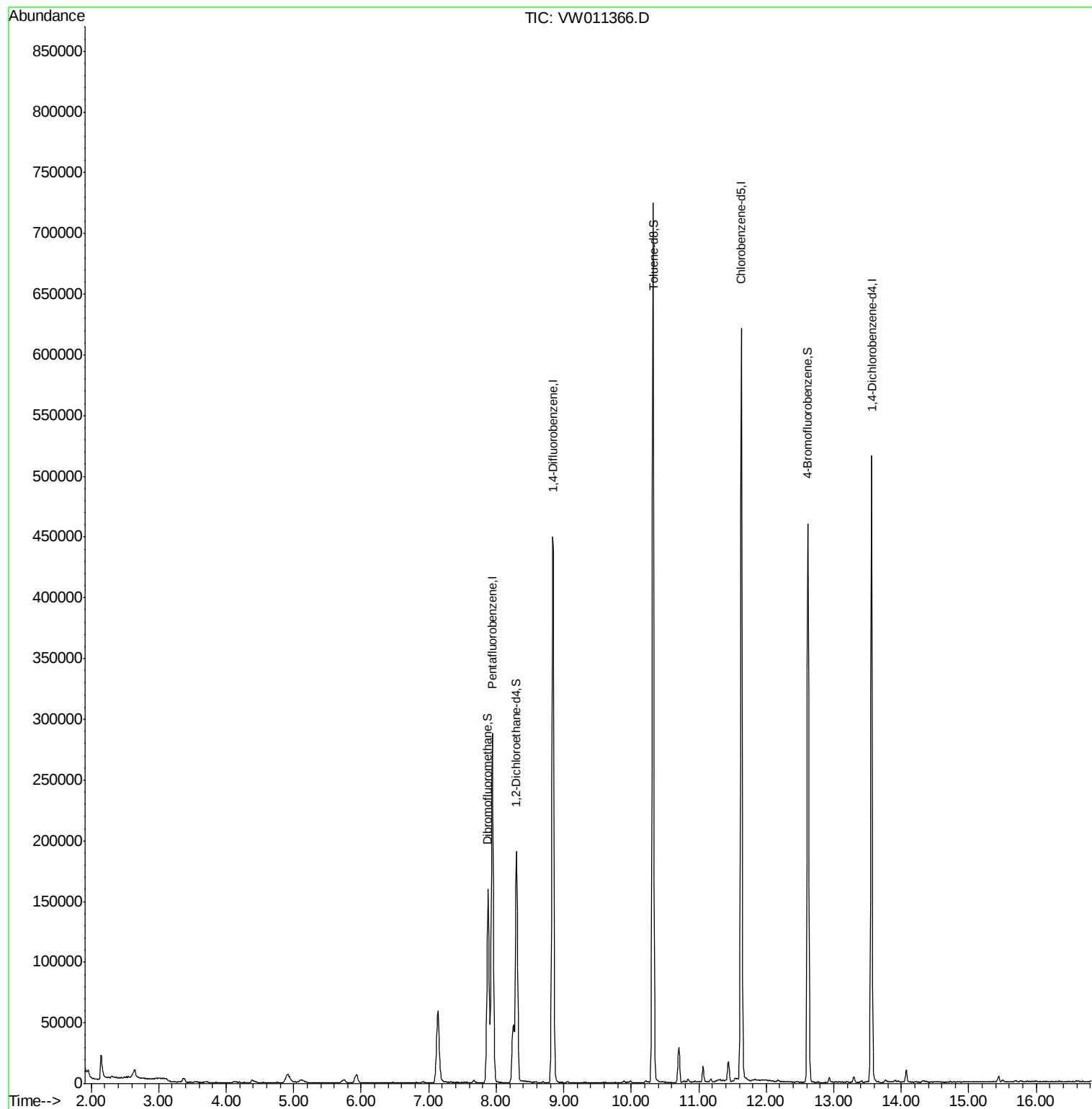
Target Compounds	Qvalue
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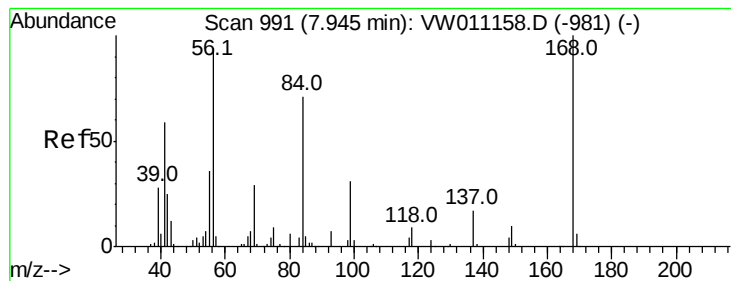
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW011366.D

Acq: 19 Jul 2019 06:59

Instrument :

MSVOA_W

ClientSampled :

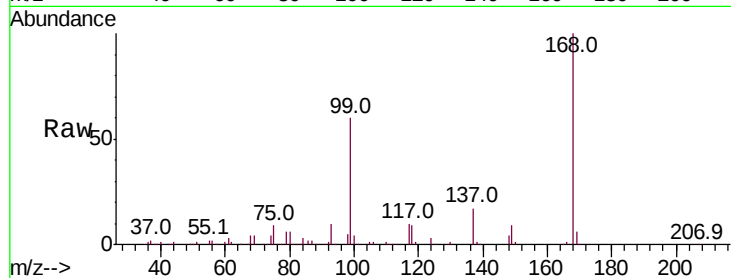
SB-10(0-2)

Tot Ion:168 Resp: 208682

Ion Ratio Lower Upper

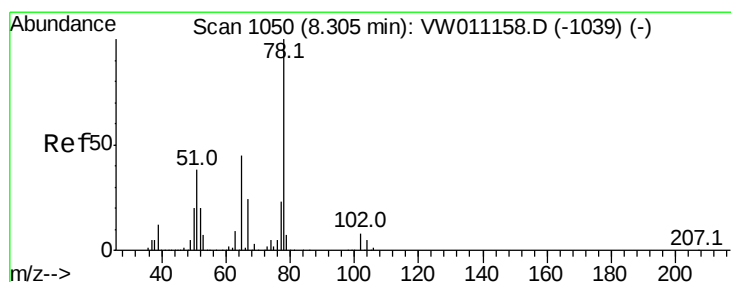
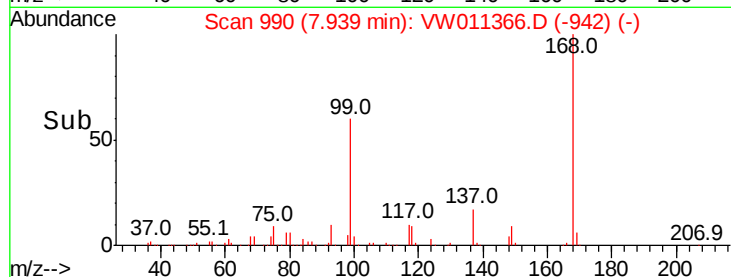
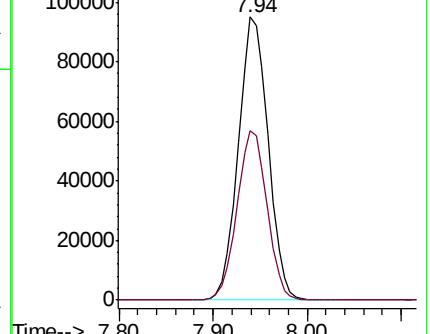
168 100

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: 56.032 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011366.D

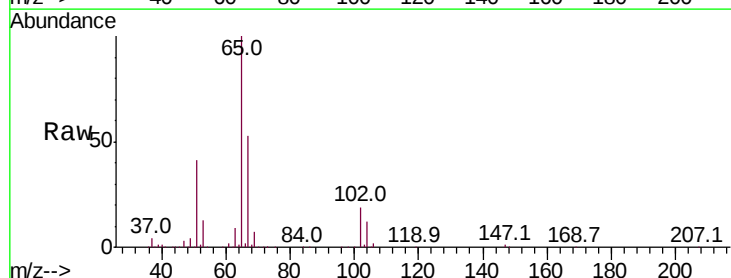
Acq: 19 Jul 2019 06:59

Tgt Ion: 65 Resp: 146925

Ion Ratio Lower Upper

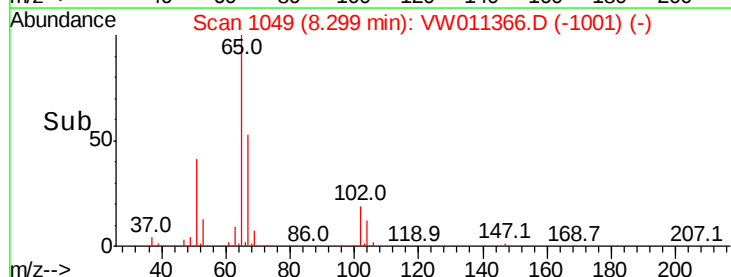
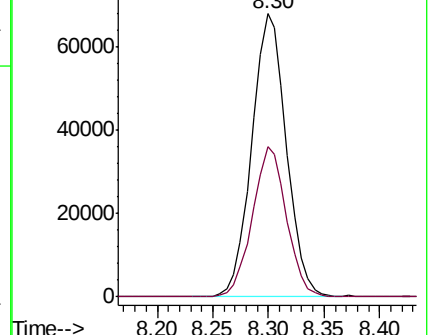
65 100

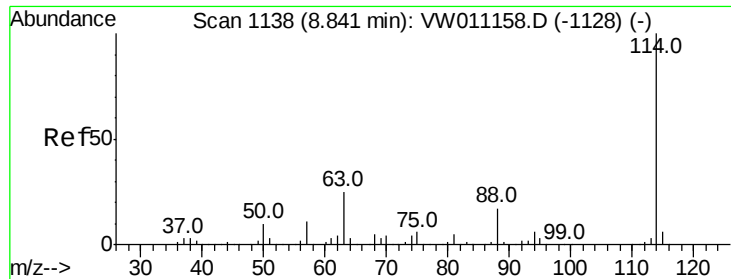
67 52.4 0.0 104.4



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: VW011366.D

Acq: 19 Jul 2019 06:59

Instrument :

MSVOA_W

ClientSampleId :

SB-10(0-2)

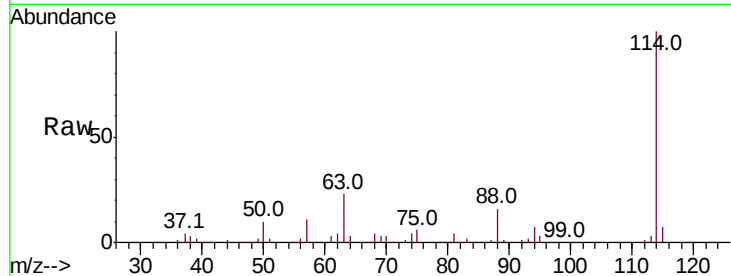
Tot Ion:114 Resp: 359286

Ion Ratio Lower Upper

114 100

63 23.1 0.0 50.8

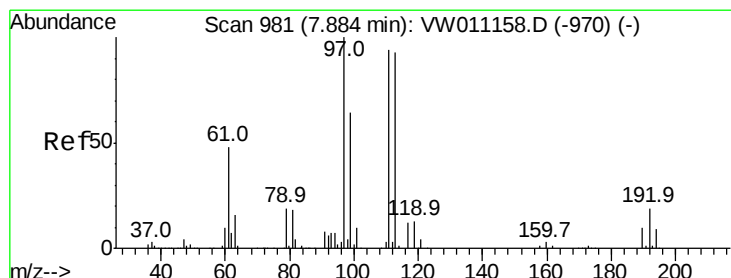
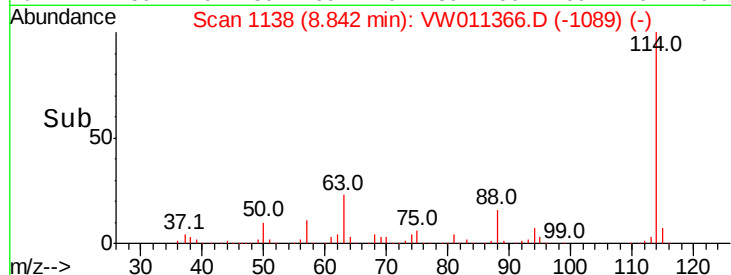
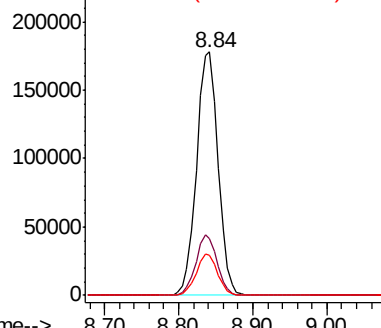
88 16.5 0.0 34.2



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: 52.355 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW011366.D

Acq: 19 Jul 2019 06:59

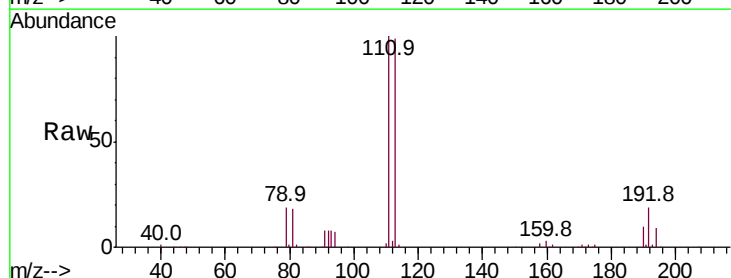
Tgt Ion:113 Resp: 112118

Ion Ratio Lower Upper

113 100

111 104.0 82.4 123.6

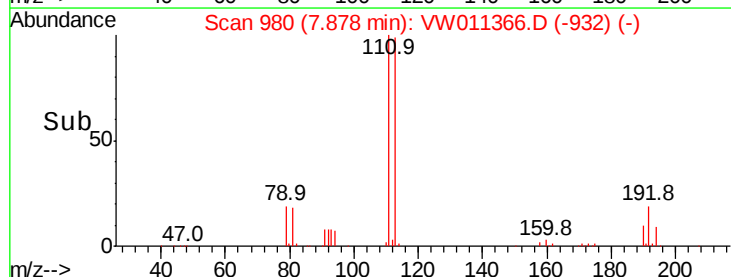
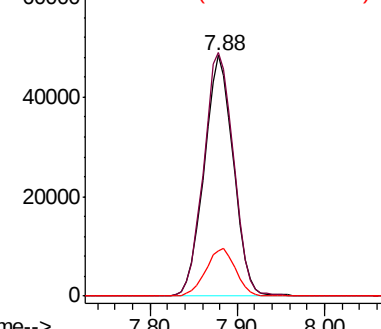
192 20.1 15.8 23.8

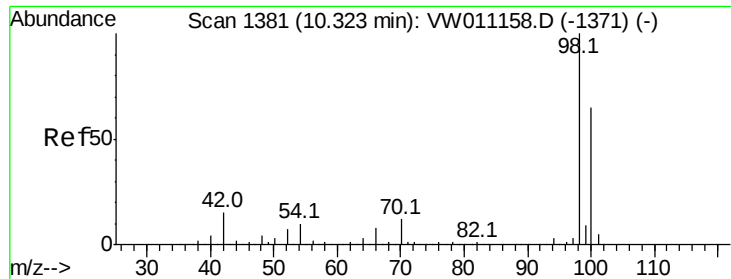


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.780 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011366.D

Acq: 19 Jul 2019 06:59

Instrument :

MSVOA_W

ClientSampled :

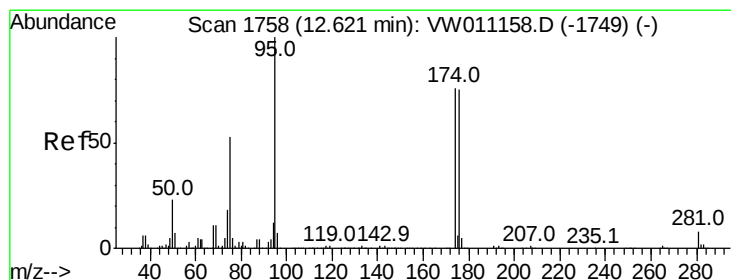
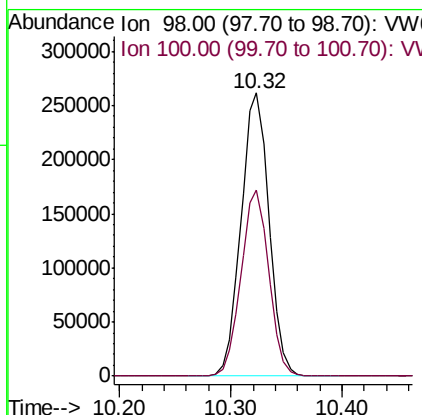
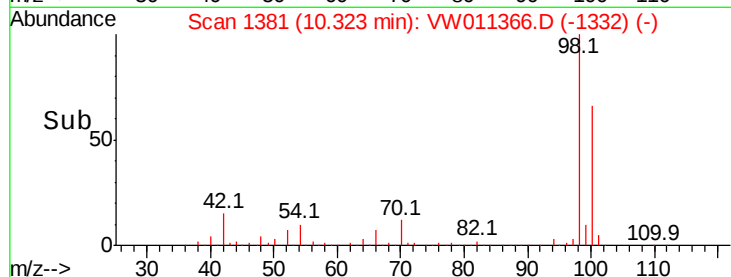
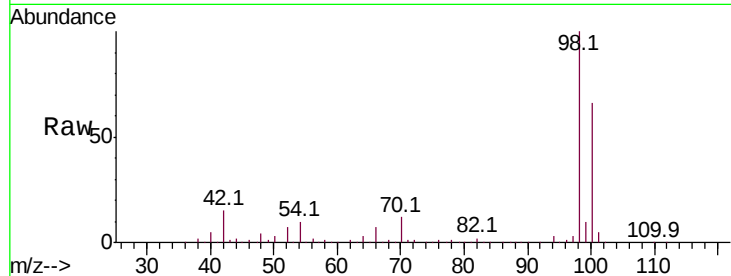
SB-10(0-2)

Tot Ion: 98 Resp: 456880

Ion Ratio Lower Upper

98 100

100 65.1 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 46.263 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW011366.D

Acq: 19 Jul 2019 06:59

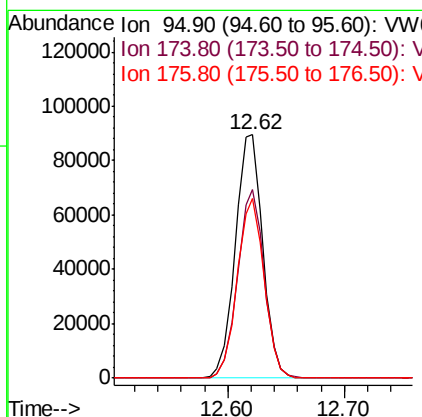
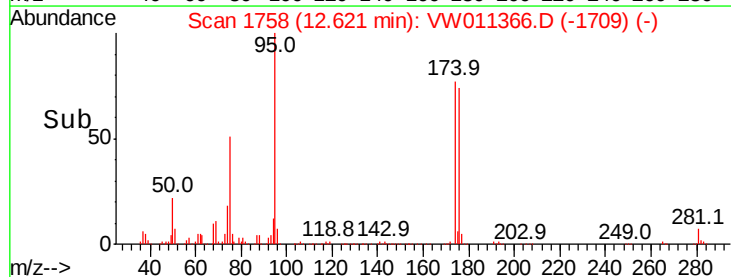
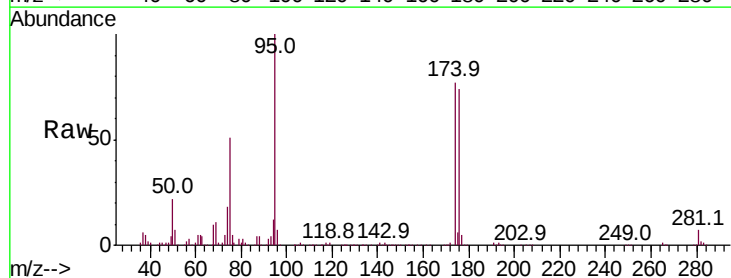
Tgt Ion: 95 Resp: 146786

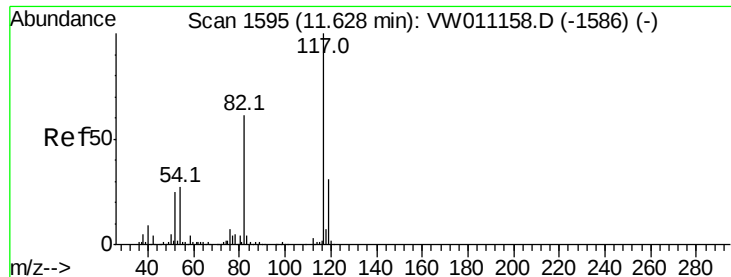
Ion Ratio Lower Upper

95 100

174 75.2 0.0 147.6

176 72.5 0.0 144.6

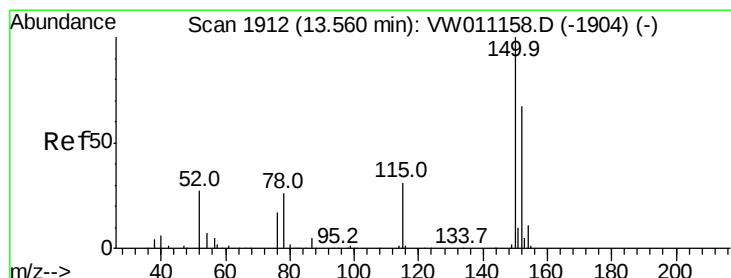
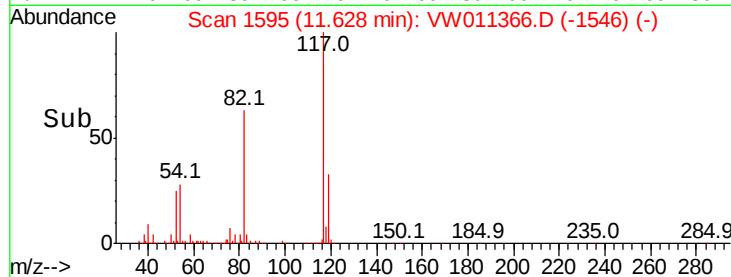
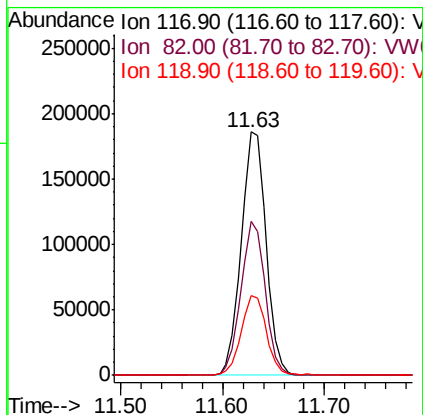
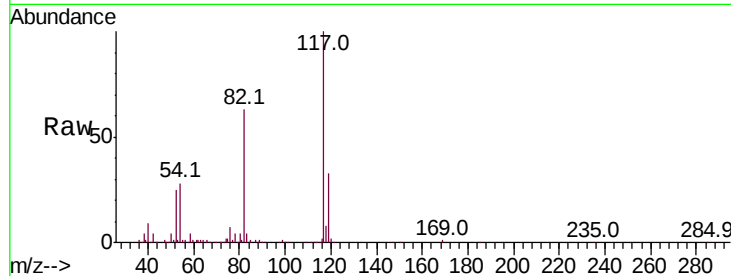




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011366.D
Acq: 19 Jul 2019 06:59

Instrument :
MSVOA_W
ClientSampleId :
SB-10(0-2)

Tot Ion:117 Resp: 313409
Ion Ratio Lower Upper
117 100
82 63.1 48.9 73.3
119 32.6 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: VW011366.D
Acq: 19 Jul 2019 06:59

Tgt Ion:152 Resp: 123640
Ion Ratio Lower Upper
152 100
115 60.7 30.1 90.3
150 158.8 0.0 346.0

