

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011355.D
 Acq On : 19 Jul 2019 02:04
 Operator : SY/VA
 Sample : K3835-04
 Misc : 6.42G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2(10-12)

Quant Time: Jul 19 08:17:00 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	139172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	280337	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	262304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	120585	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	112240	64.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.36%	
35) Dibromofluoromethane	7.88	113	81497	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
50) Toluene-d8	10.32	98	309735	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	
62) 4-Bromofluorobenzene	12.62	95	114930	46.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.84%	

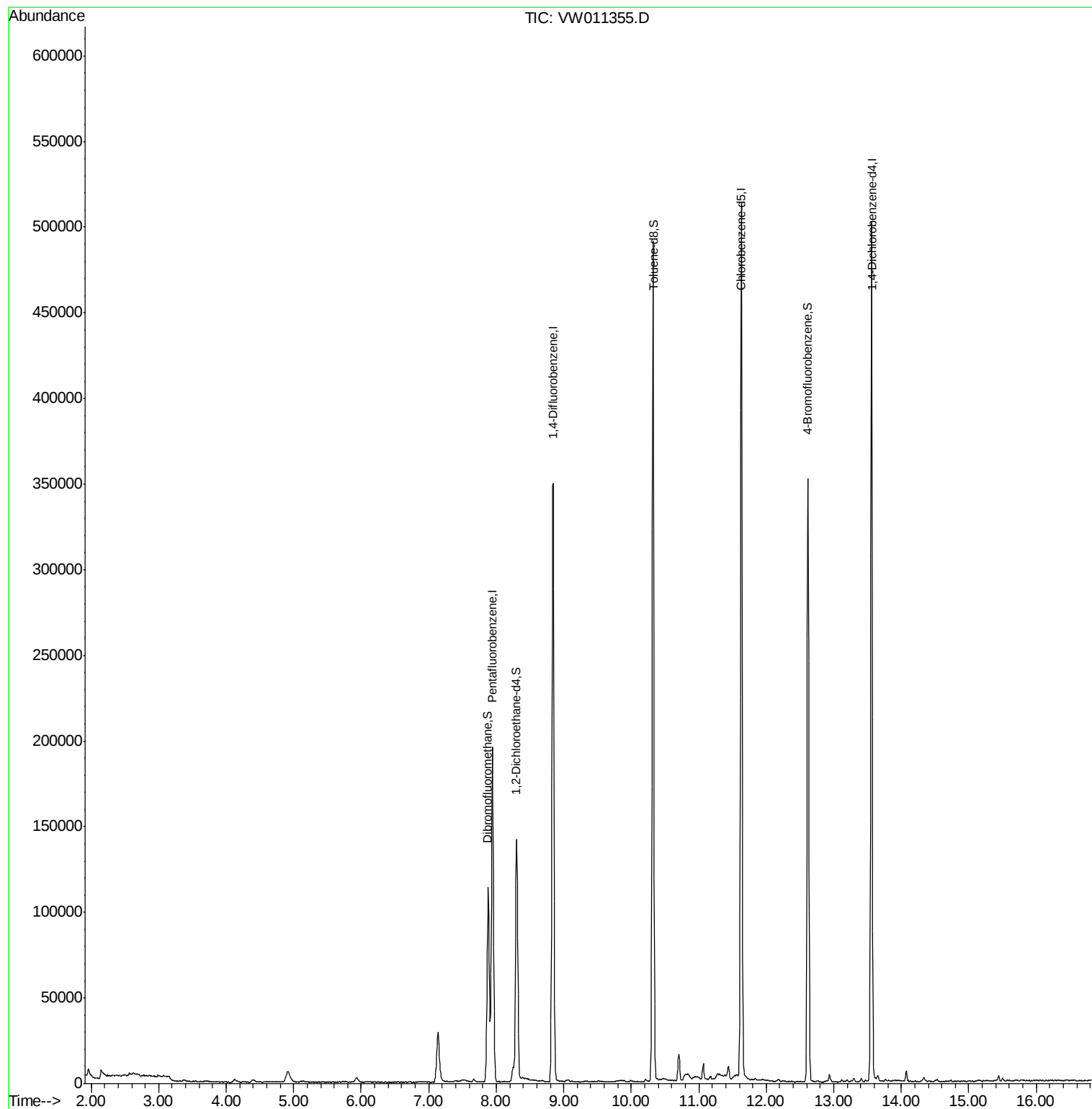
Target Compounds	Qvalue

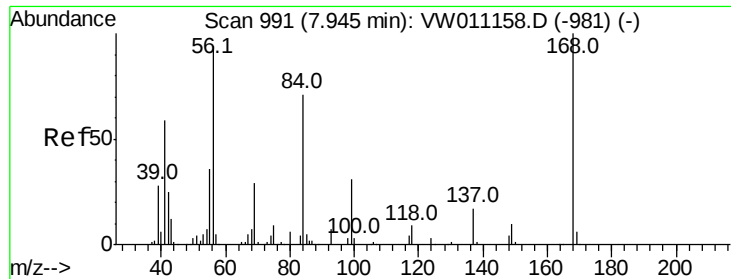
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071819\
Data File : VW011355.D
Acq On : 19 Jul 2019 02:04
Operator : SY/VA
Sample : K3835-04
Misc : 6.42G/5ML/MSVOA W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-2(10-12)

Quant Time: Jul 19 08:17:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
Quant Title : SW846 8260
QLast Update : Thu Jul 11 08:14:17 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011355.D

Acq: 19 Jul 2019 02:04

Instrument :

MSVOA_W

ClientSampleId :

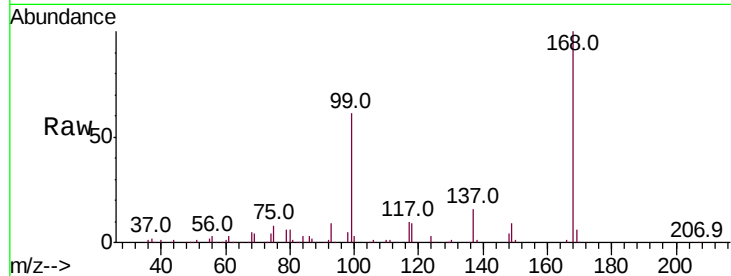
SB-2(10-12)

Tot Ion:168 Resp: 139172

Ion Ratio Lower Upper

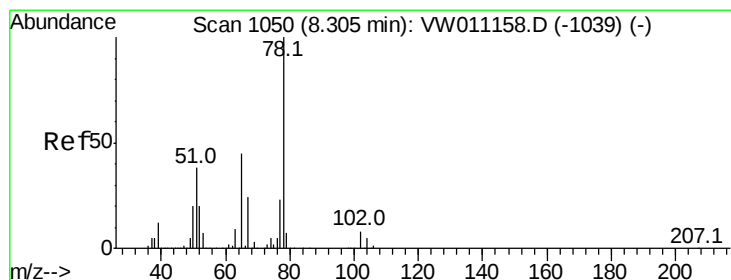
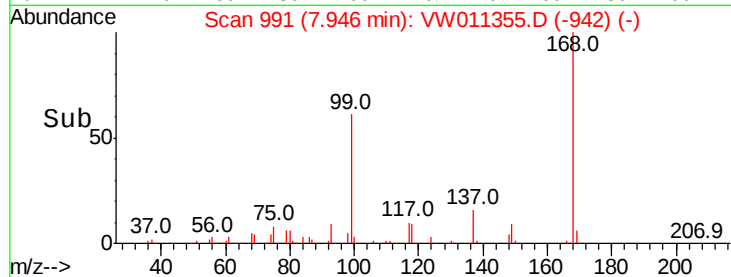
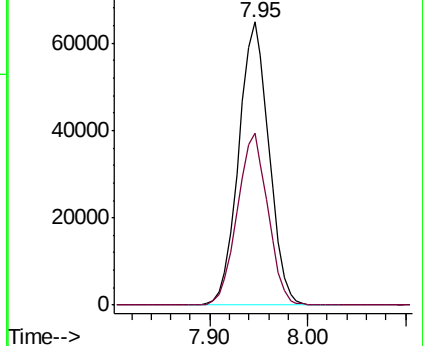
168 100

99 60.8 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: 64.183 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011355.D

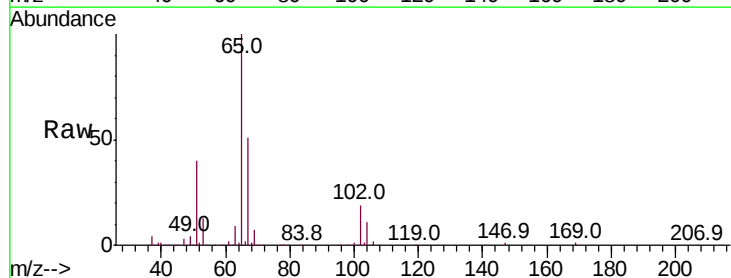
Acq: 19 Jul 2019 02:04

Tgt Ion: 65 Resp: 112240

Ion Ratio Lower Upper

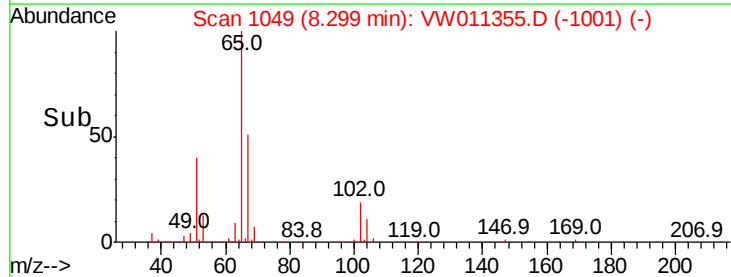
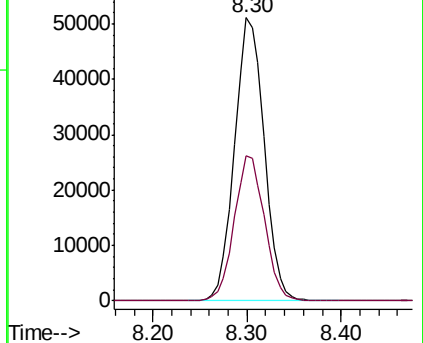
65 100

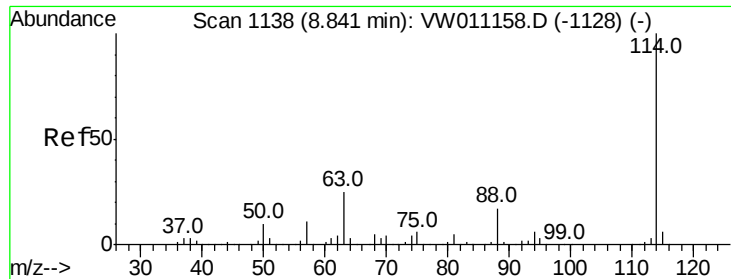
67 52.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

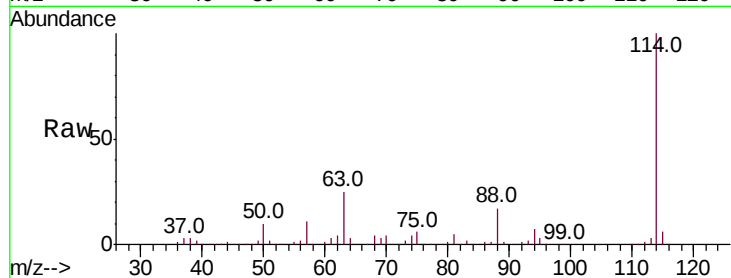




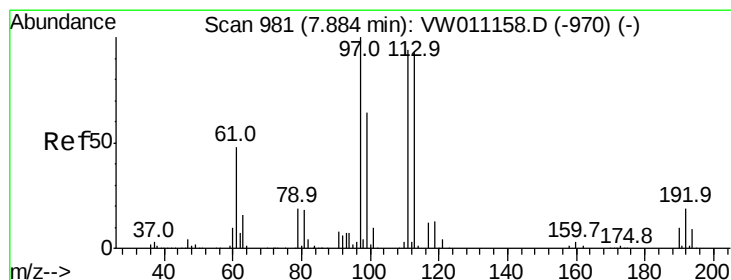
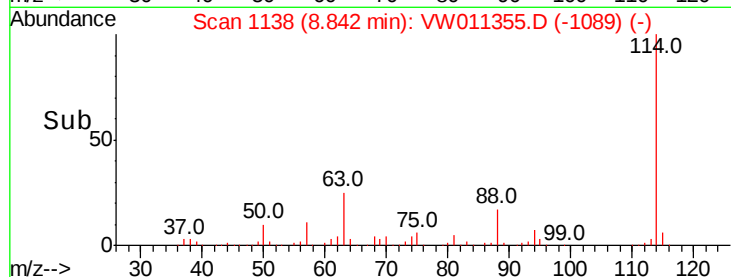
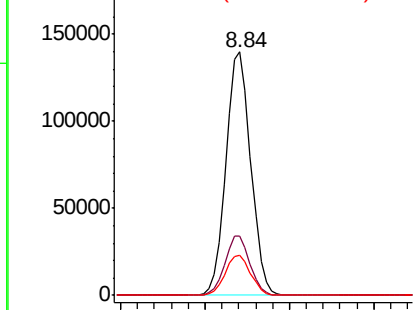
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011355.D
 Acq: 19 Jul 2019 02:04

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2(10-12)

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.5	0.0	50.8
88	16.5	0.0	34.2

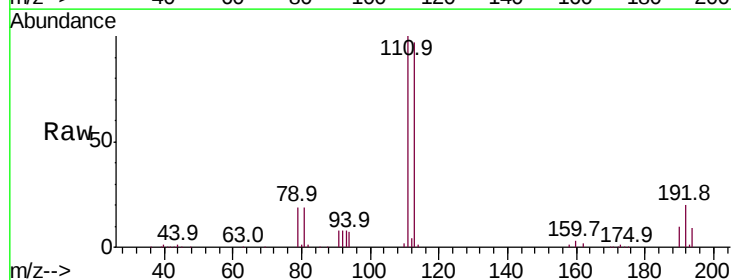


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

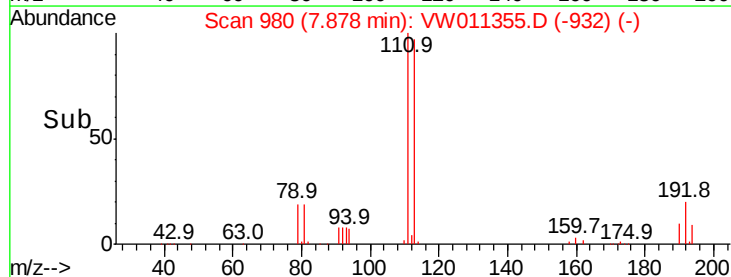
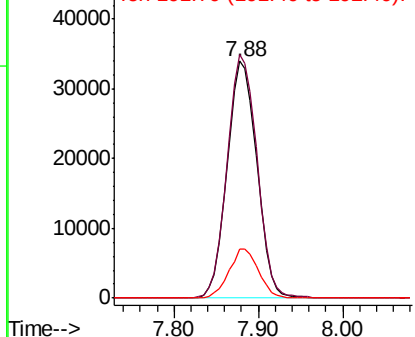


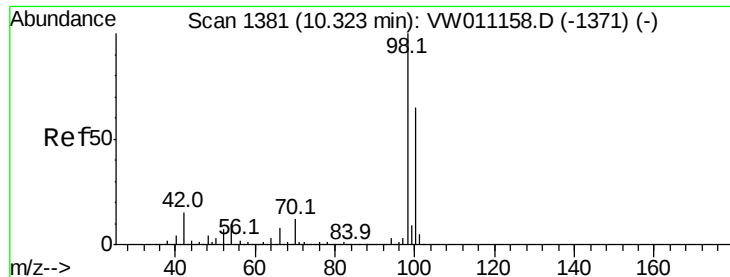
#35
 Dibromofluoromethane
 Concen: 48.773 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011355.D
 Acq: 19 Jul 2019 02:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.4	123.6
192	20.4	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

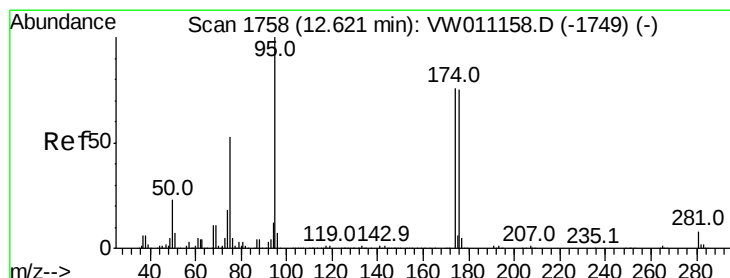
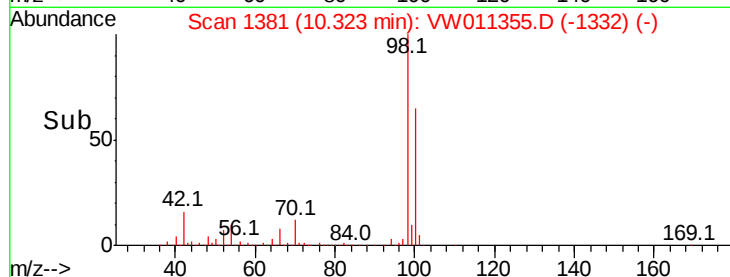
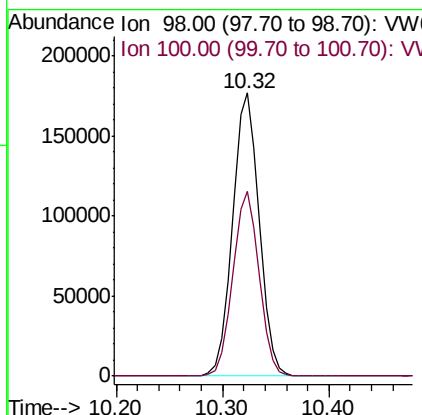
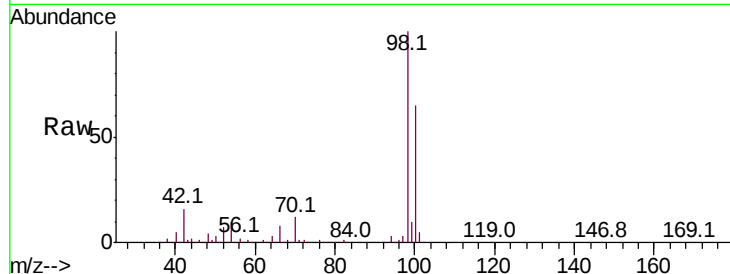




#50
Toluene-d8
Concen: 45.858 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011355.D
Acq: 19 Jul 2019 02:04

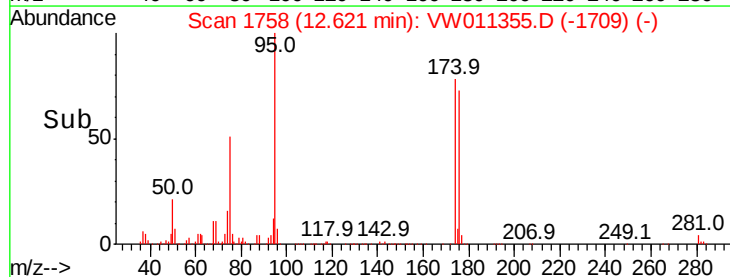
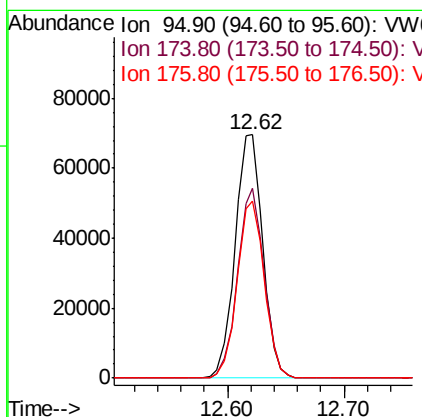
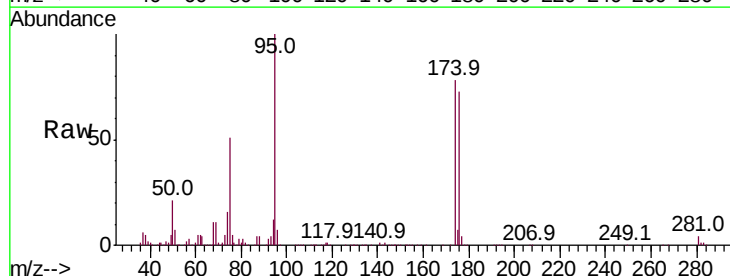
Instrument :
MSVOA_W
ClientSampleId :
SB-2(10-12)

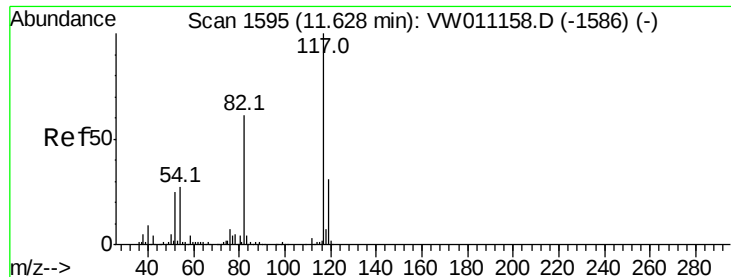
Tot Ion: 98 Resp: 309735
Ion Ratio Lower Upper
98 100
100 64.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.424 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW011355.D
Acq: 19 Jul 2019 02:04

Tgt Ion: 95 Resp: 114930
Ion Ratio Lower Upper
95 100
174 75.2 0.0 147.6
176 71.8 0.0 144.6

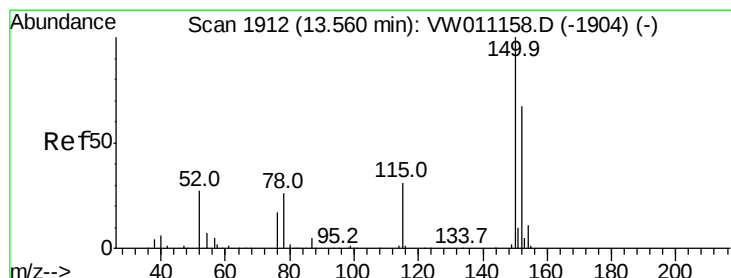
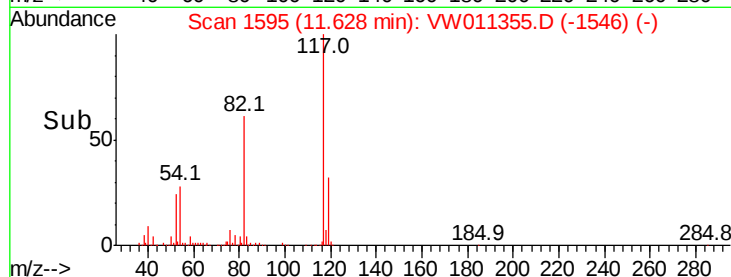
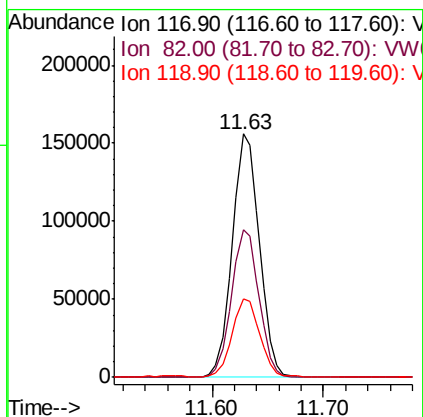
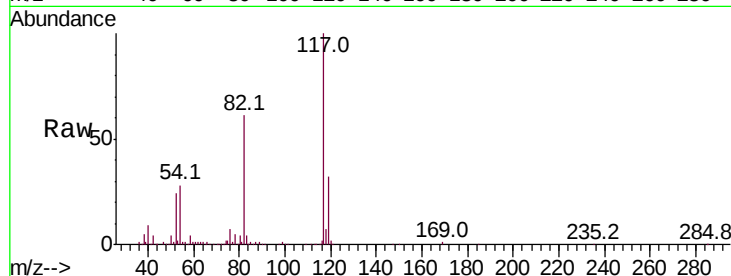




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011355.D
Acq: 19 Jul 2019 02:04

Instrument :
MSVOA_W
ClientSampleId :
SB-2(10-12)

Tot Ion:117 Resp: 262304
Ion Ratio Lower Upper
117 100
82 60.5 48.9 73.3
119 31.8 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: VW011355.D
Acq: 19 Jul 2019 02:04

Tgt Ion:152 Resp: 120585
Ion Ratio Lower Upper
152 100
115 61.2 30.1 90.3
150 159.6 0.0 346.0

