

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070819\
 Data File : VW011162.D
 Acq On : 08 Jul 2019 15:44
 Operator : SY/VA
 Sample : VW0708SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBL01

Quant Time: Jul 09 07:03:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 06:41:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	240554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	393311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	341205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	161744	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	147172	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
35) Dibromofluoromethane	7.88	113	115737	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
50) Toluene-d8	10.32	98	470006	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
62) 4-Bromofluorobenzene	12.62	95	167440	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	

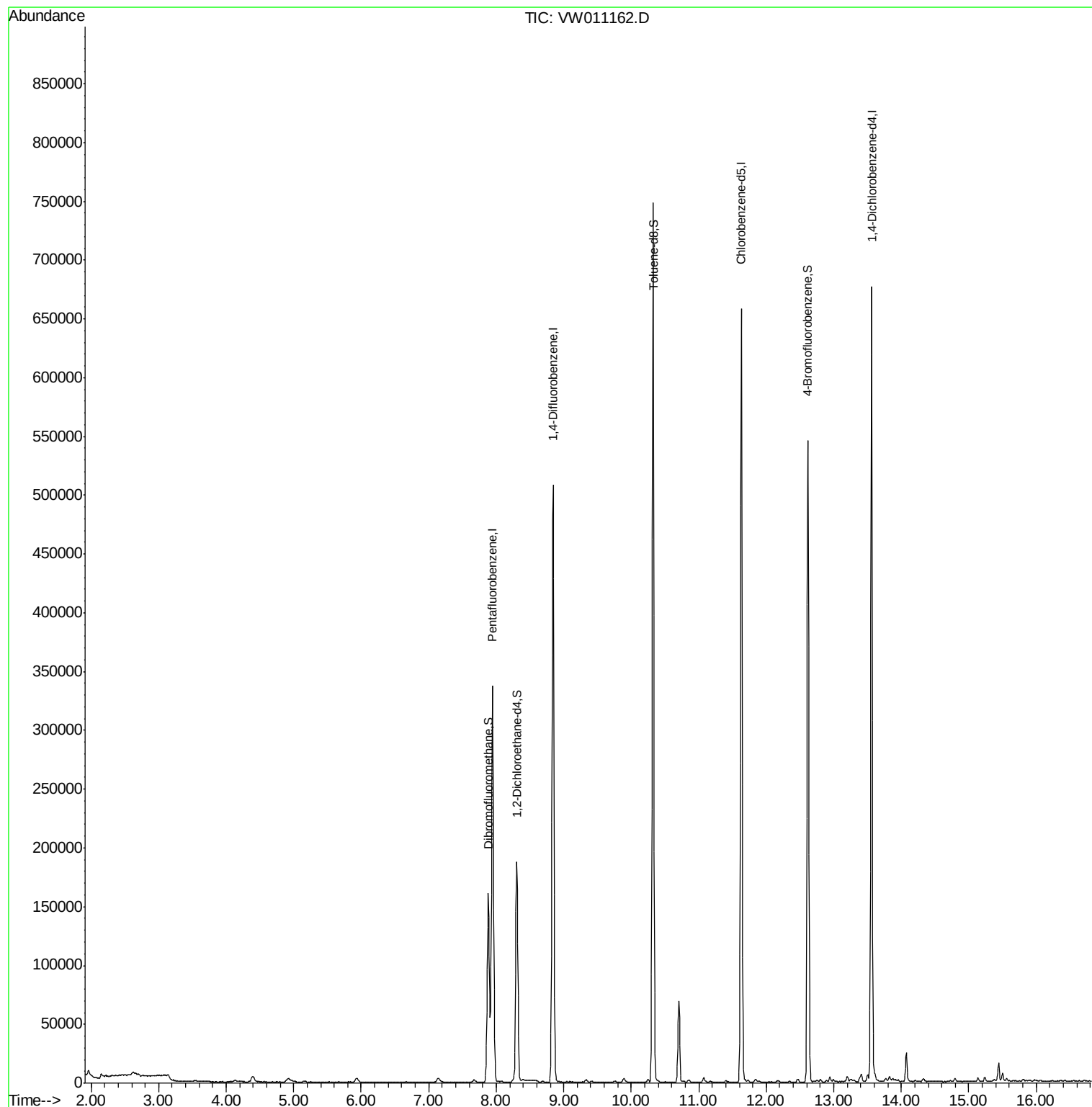
Target Compounds	Qvalue

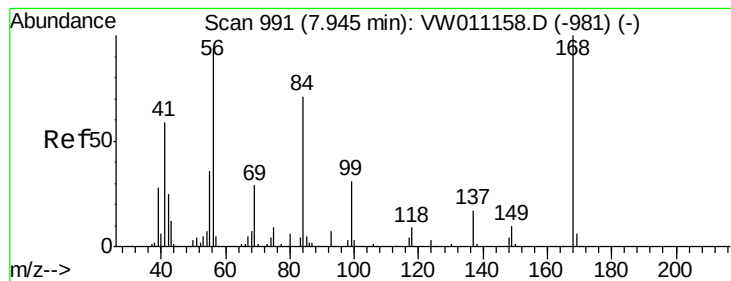
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011162.D

Acq: 08 Jul 2019 15:44

Instrument :

MSVOA_W

ClientSampled :

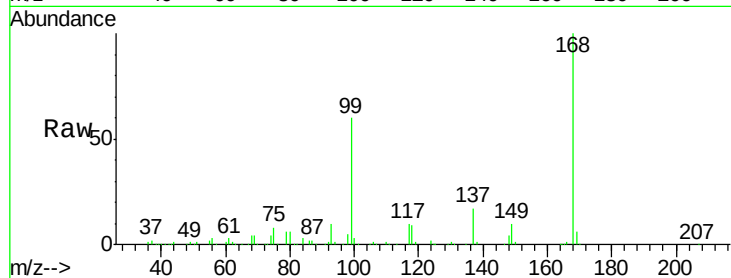
VW0708SBL01

Tot Ion:168 Resp: 240554

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

7.95

120000

100000

80000

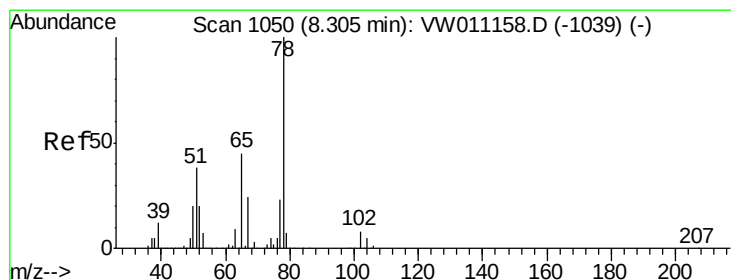
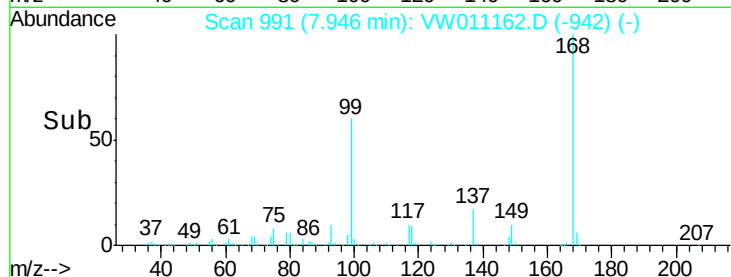
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 48.690 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011162.D

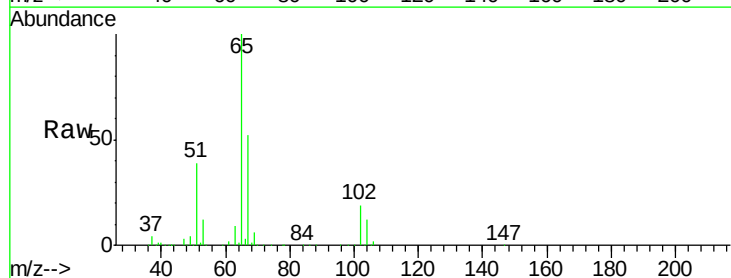
Acq: 08 Jul 2019 15:44

Tgt Ion: 65 Resp: 147172

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

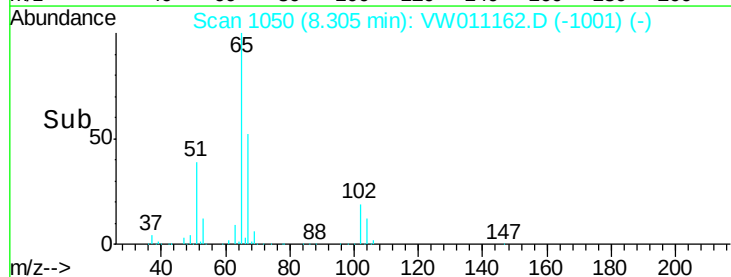
60000

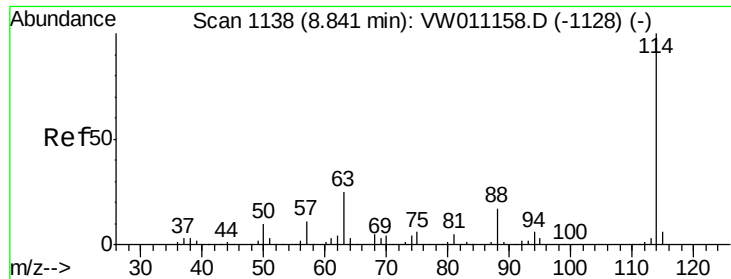
40000

20000

0

Time--> 8.20 8.30 8.40

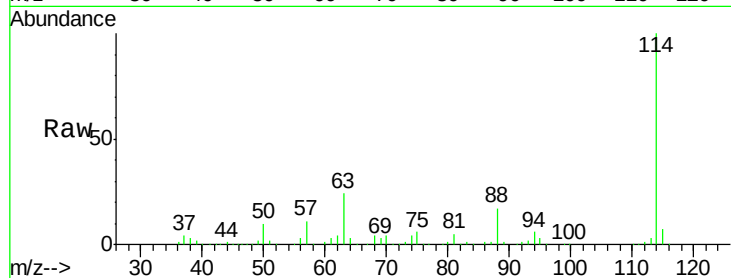




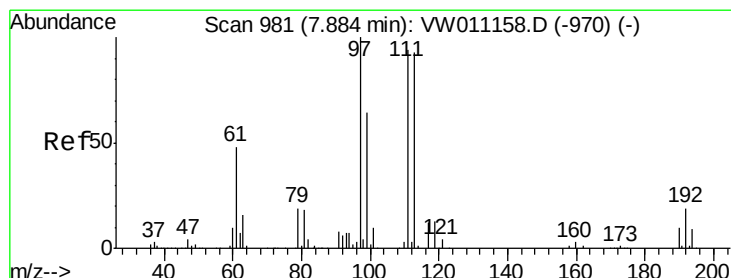
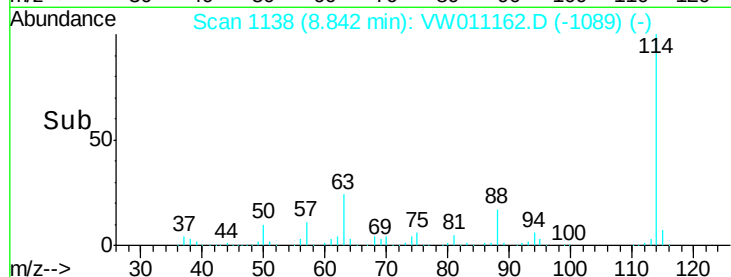
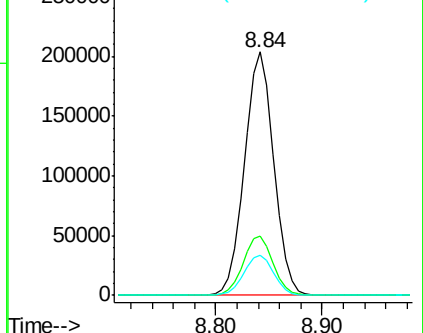
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011162.D
 Acq: 08 Jul 2019 15:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0708SBL01

Tot Ion:114 Resp: 393311
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 50.8
 88 16.7 0.0 34.2

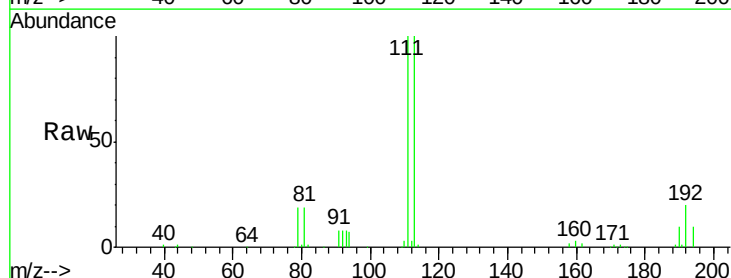


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

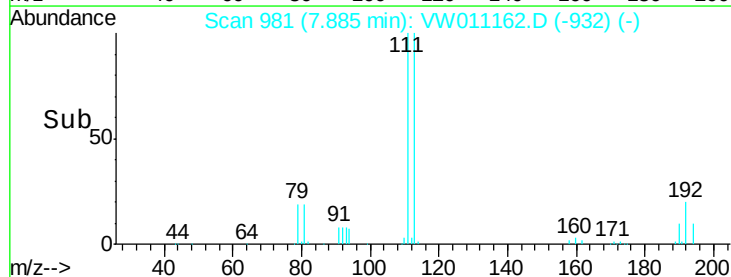
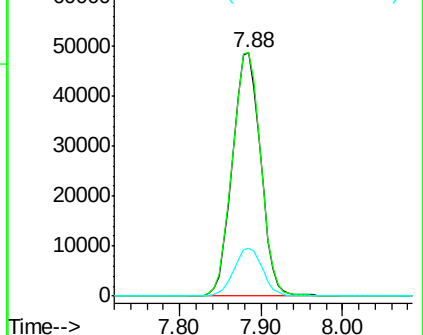


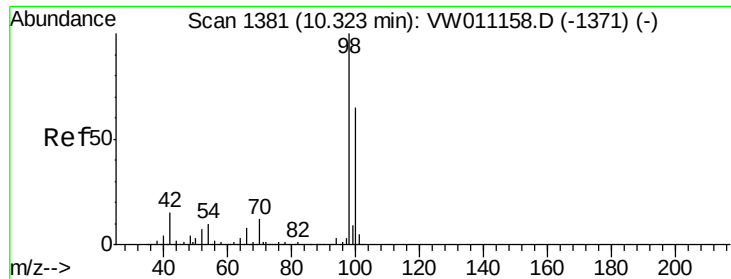
#35
 Dibromofluoromethane
 Concen: 49.369 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011162.D
 Acq: 08 Jul 2019 15:44

Tgt Ion:113 Resp: 115737
 Ion Ratio Lower Upper
 113 100
 111 101.2 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

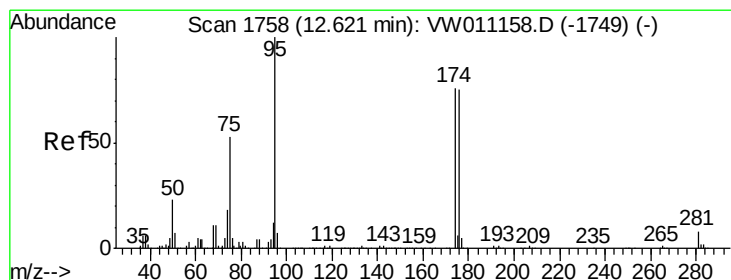
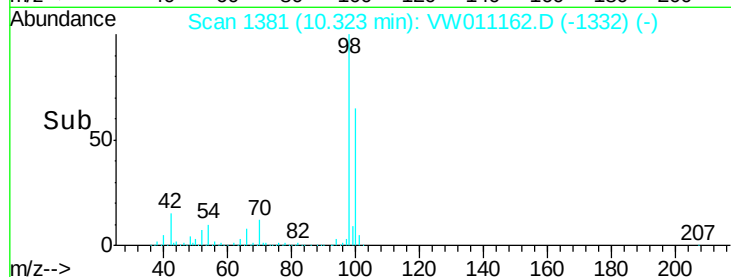
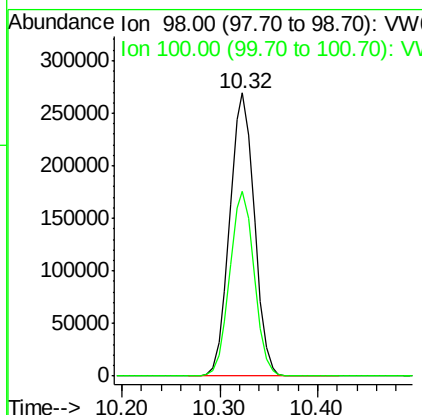
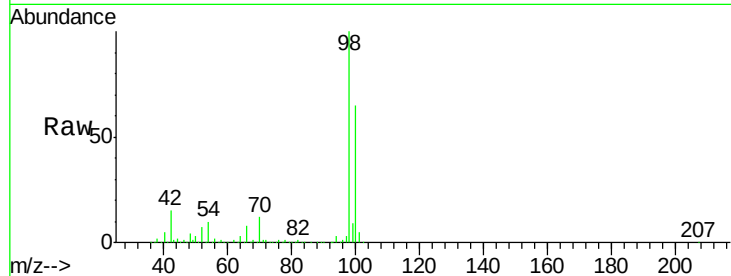




#50
Toluene-d8
Concen: 49.599 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011162.D
Acq: 08 Jul 2019 15:44

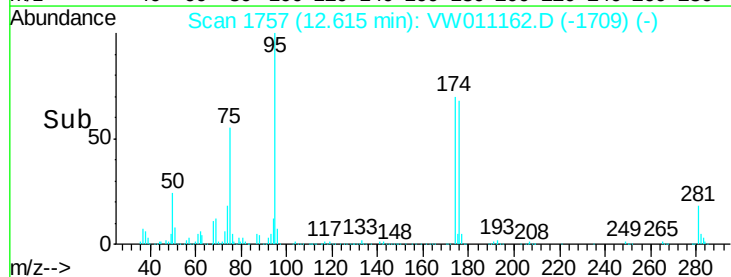
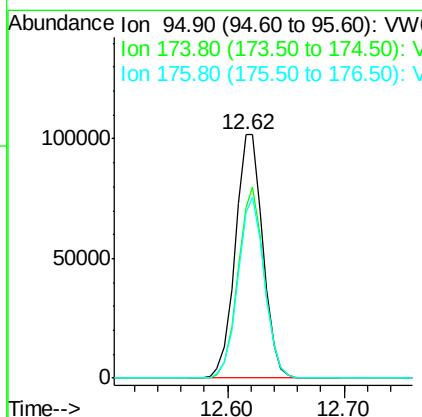
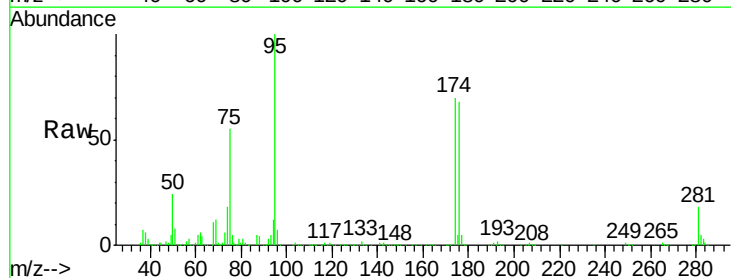
Instrument :
MSVOA_W
ClientSampleId :
VW0708SBL01

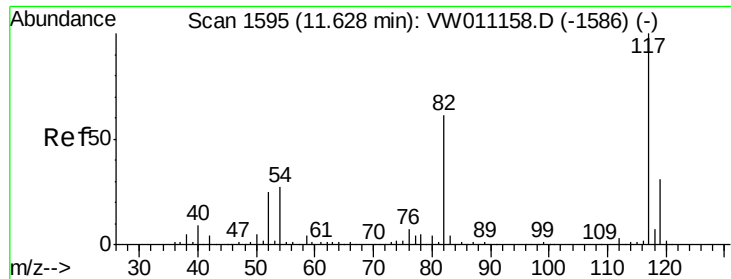
Tot Ion: 98 Resp: 470006
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.208 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW011162.D
Acq: 08 Jul 2019 15:44

Tgt Ion: 95 Resp: 167440
Ion Ratio Lower Upper
95 100
174 74.7 0.0 147.6
176 71.7 0.0 144.6

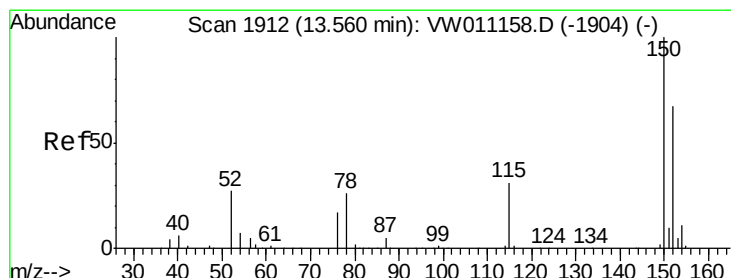
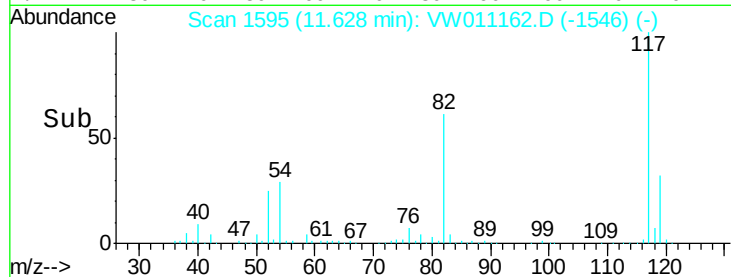
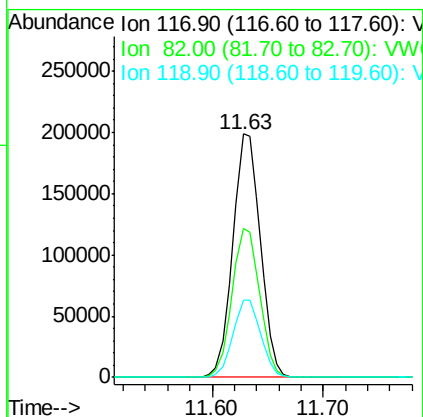
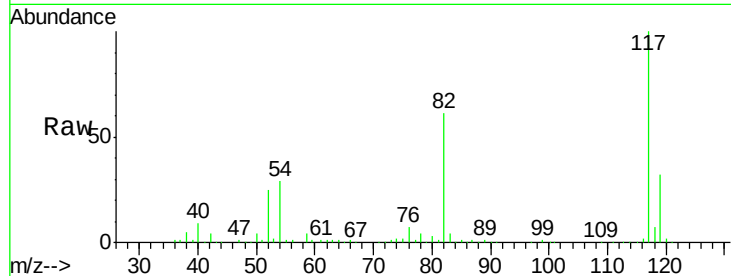




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011162.D
Acq: 08 Jul 2019 15:44

Instrument :
MSVOA_W
ClientSampleId :
VW0708SBL01

Tot Ion:117 Resp: 341205
Ion Ratio Lower Upper
117 100
82 60.9 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: VW011162.D
Acq: 08 Jul 2019 15:44

Tgt Ion:152 Resp: 161744
Ion Ratio Lower Upper
152 100
115 60.5 30.1 90.3
150 157.9 0.0 346.0

