

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012890.D
 Acq On : 11 Sep 2019 01:28
 Operator : SY/VA
 Sample : K4755-02
 Misc : 2.86G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RO-1-3

Quant Time: Sep 11 08:59:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	258518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	393421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	315976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	117289	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	138741	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
35) Dibromofluoromethane	7.88	113	113453	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
50) Toluene-d8	10.32	98	460520	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.62	95	135632	40.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.54%	

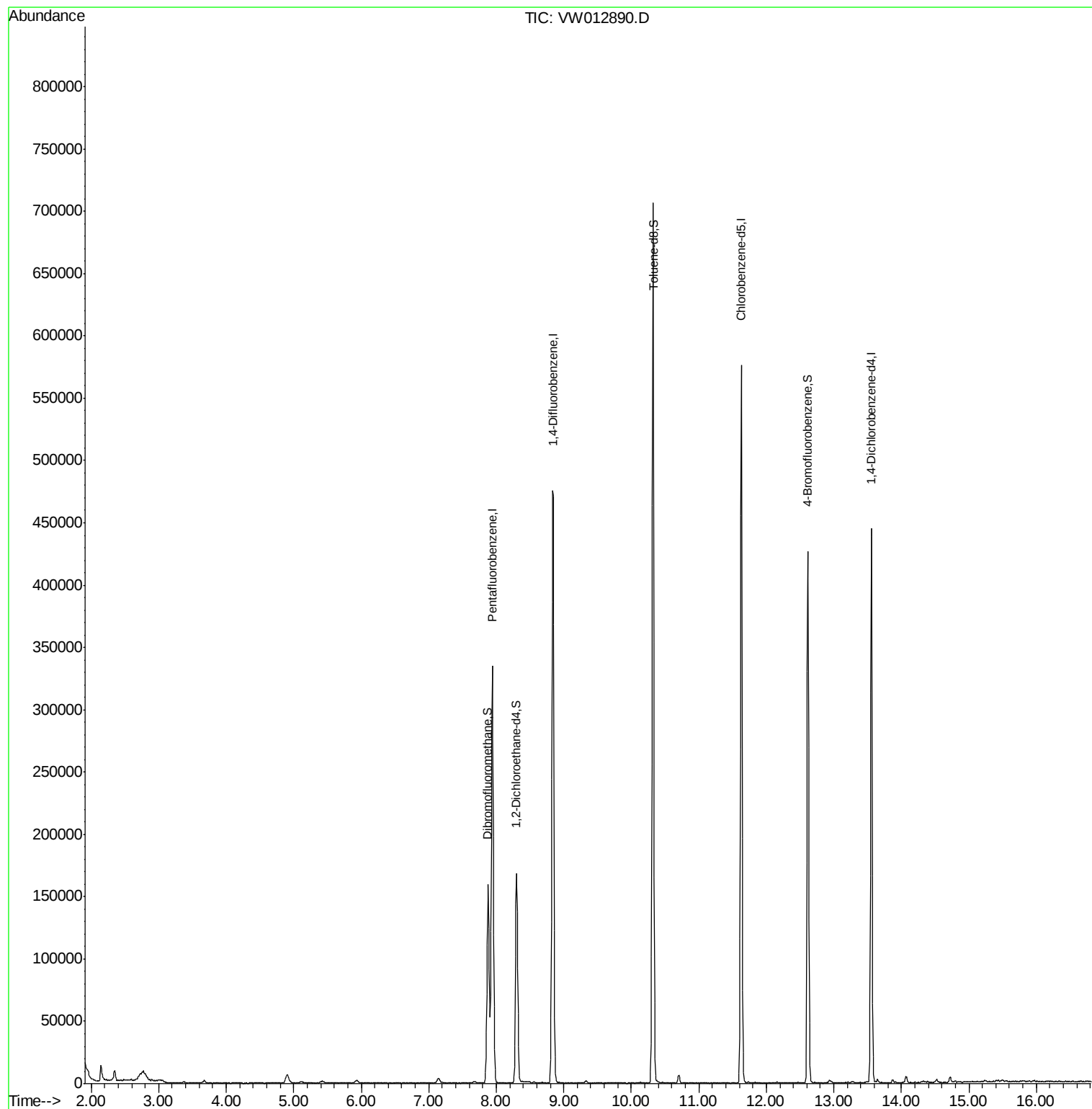
Target Compounds	Qvalue

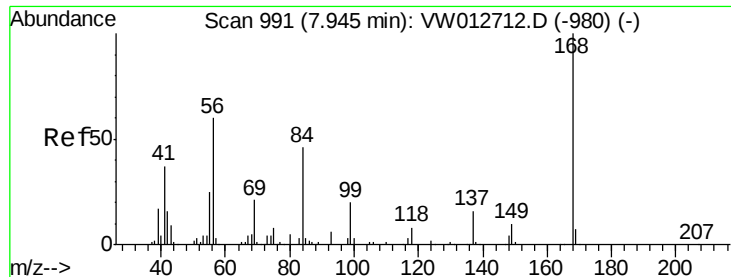
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012890.D

Acq: 11 Sep 2019 01:28

Instrument :

MSVOA_W

ClientSampled :

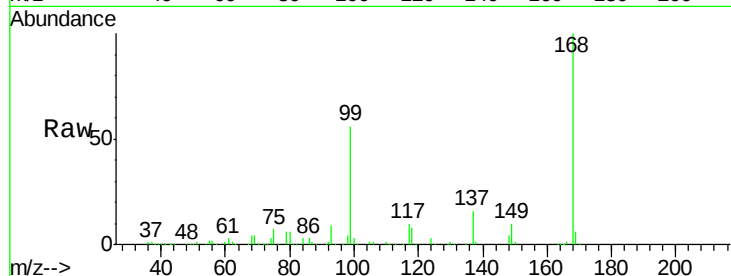
RO-1-3

Tot Ion:168 Resp: 258518

Ion Ratio Lower Upper

168 100

99 55.7 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

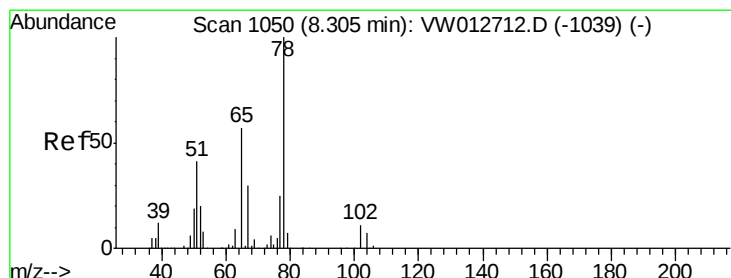
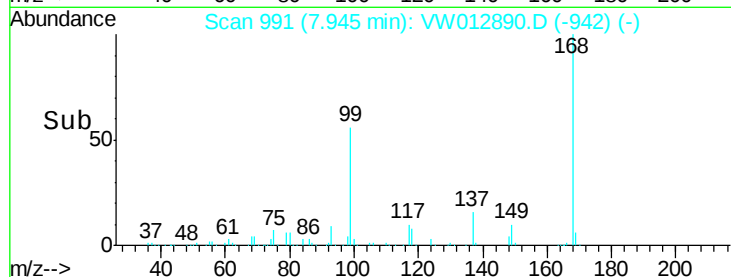
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 48.032 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012890.D

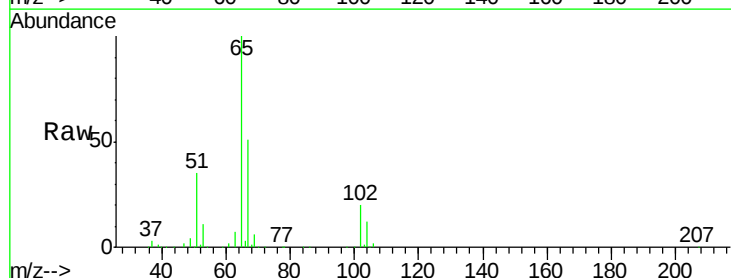
Acq: 11 Sep 2019 01:28

Tgt Ion: 65 Resp: 138741

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

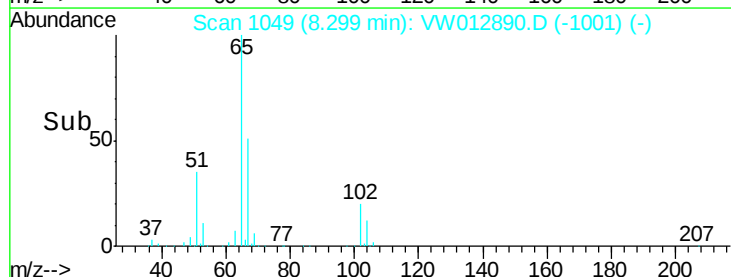
60000

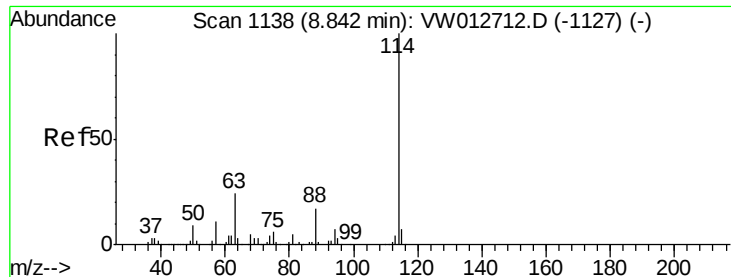
40000

20000

0

Time--> 8.20 8.30 8.40

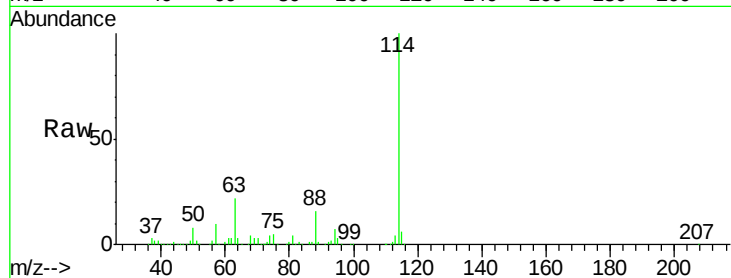




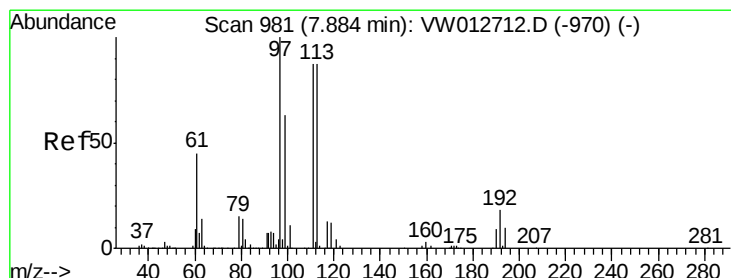
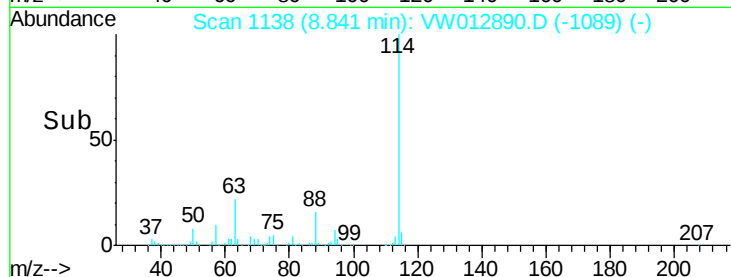
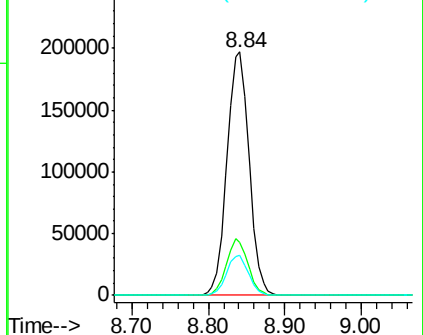
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012890.D
 Acq: 11 Sep 2019 01:28

Instrument :
 MSVOA_W
 ClientSampleId :
 RO-1-3

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	47.2
88	16.5	0.0	34.0

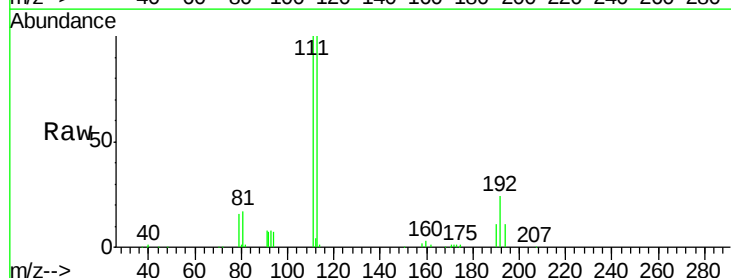


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

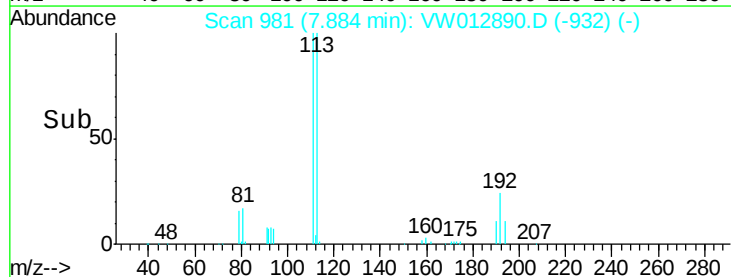
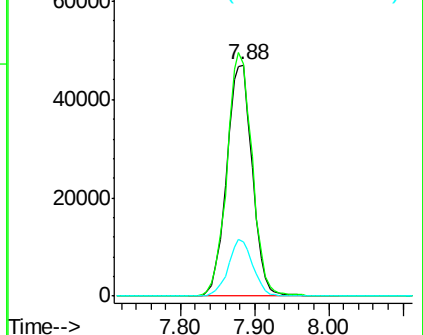


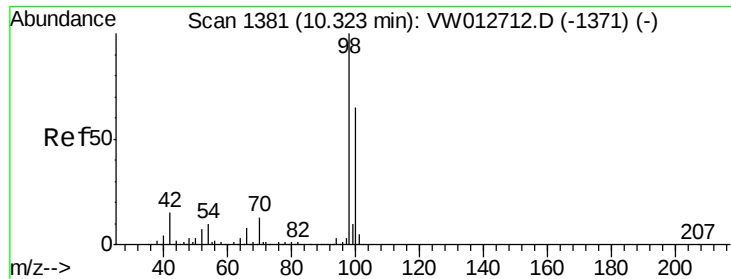
#35
 Dibromofluoromethane
 Concen: 48.505 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012890.D
 Acq: 11 Sep 2019 01:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	80.2	120.4
192	23.3	17.3	25.9



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

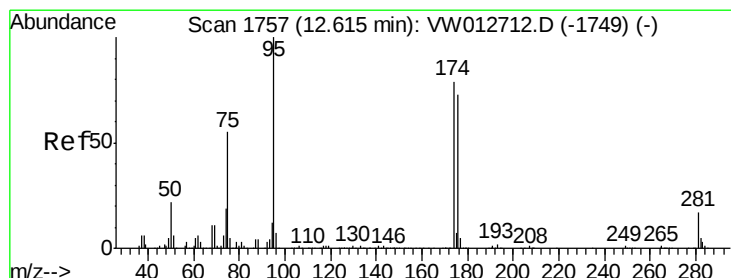
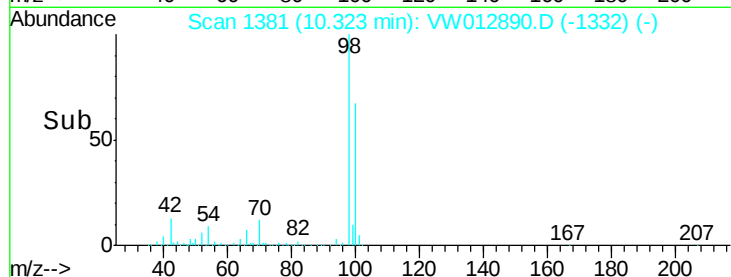
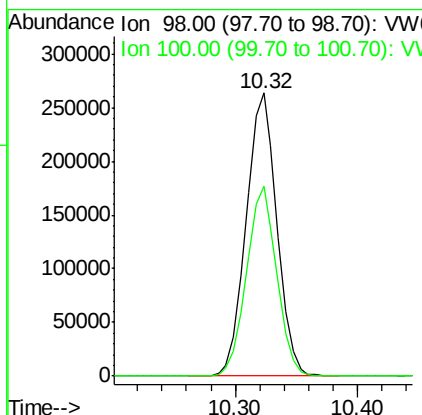
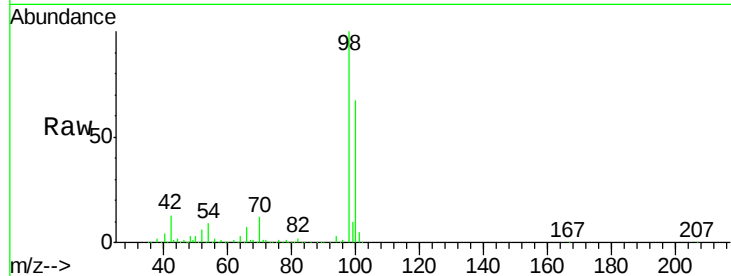




#50
Toluene-d8
Concen: 50.255 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012890.D
Acq: 11 Sep 2019 01:28

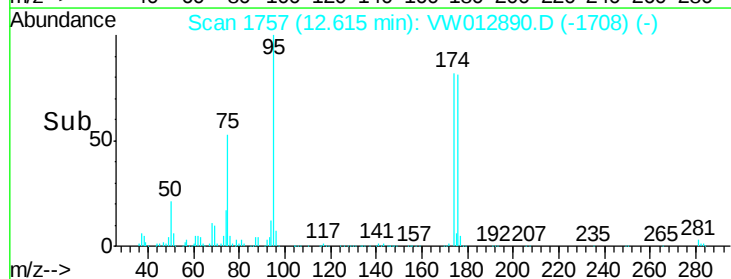
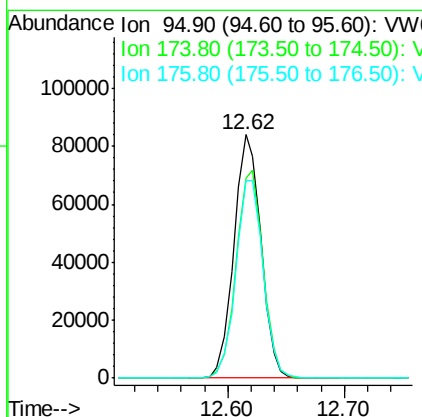
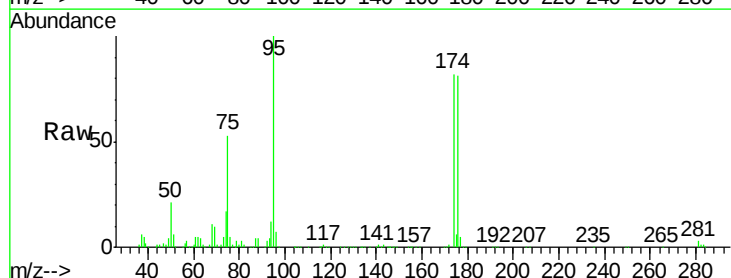
Instrument :
MSVOA_W
ClientSampled :
RO-1-3

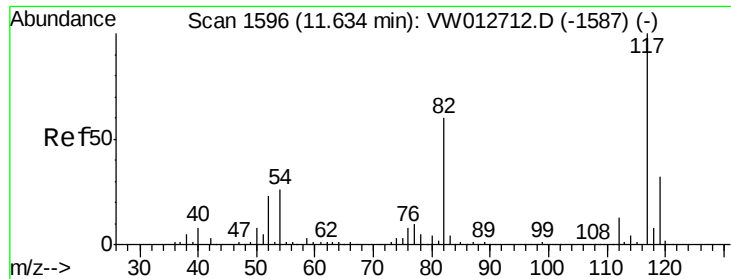
Tot Ion: 98 Resp: 460520
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 40.771 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012890.D
Acq: 11 Sep 2019 01:28

Tgt Ion: 95 Resp: 135632
Ion Ratio Lower Upper
95 100
174 85.5 0.0 161.0
176 82.3 0.0 156.4

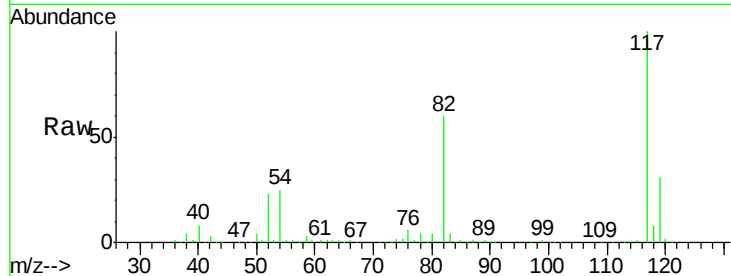




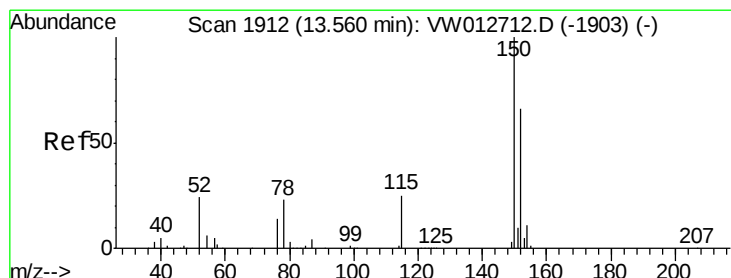
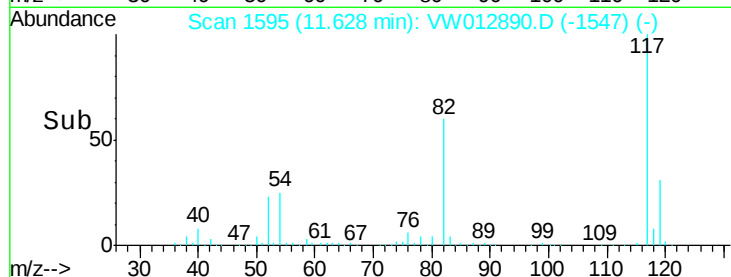
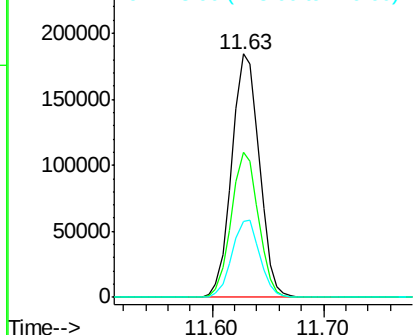
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012890.D
Acq: 11 Sep 2019 01:28

Instrument :
MSVOA_W
ClientSampled :
RO-1-3

Tot Ion:117 Resp: 315976
Ion Ratio Lower Upper
117 100
82 59.6 48.2 72.4
119 31.3 25.8 38.6

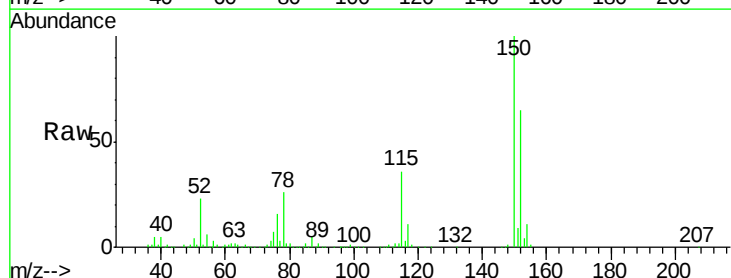


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012890.D
Acq: 11 Sep 2019 01:28

Tgt Ion:152 Resp: 117289
Ion Ratio Lower Upper
152 100
115 58.0 30.0 90.1
150 157.0 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

