

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093019\
 Data File : VW013342.D
 Acq On : 30 Sep 2019 19:10
 Operator : SY/VA
 Sample : K5093-03
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-02-(9.5-10.0)

Quant Time: Oct 01 05:54:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	325591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	491298	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	418109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	189308	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	137152	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
35) Dibromofluoromethane	7.88	113	139236	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
50) Toluene-d8	10.32	98	563011	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
62) 4-Bromofluorobenzene	12.62	95	183171	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	

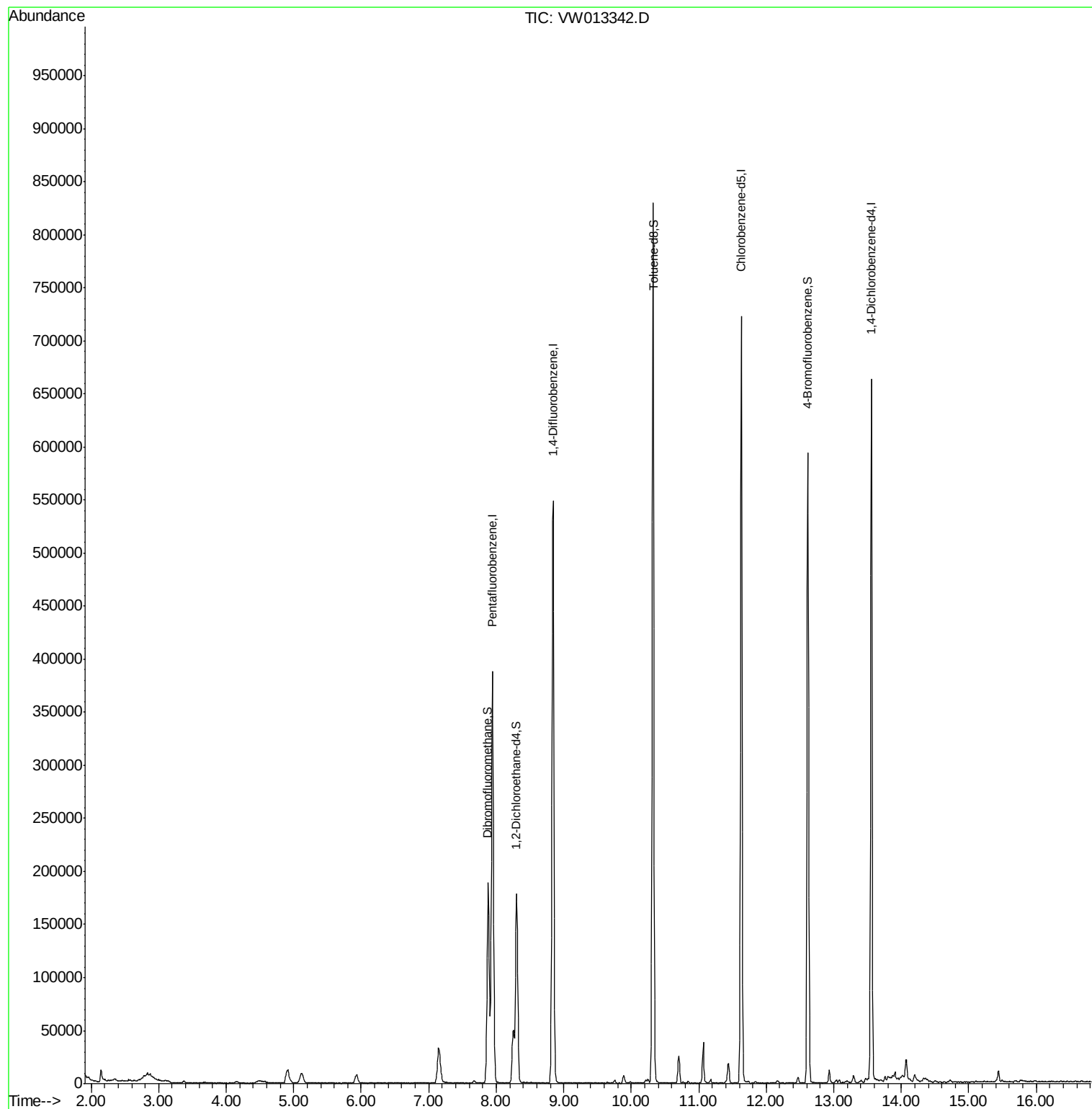
Target Compounds	Qvalue

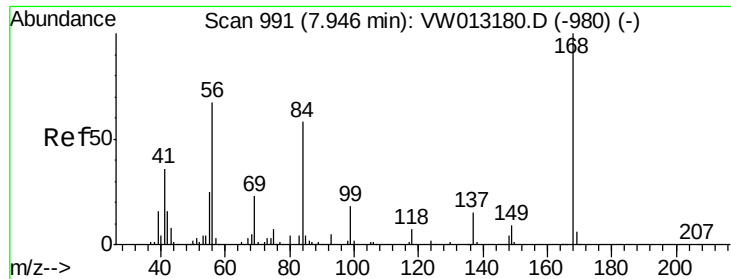
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013342.D

Acq: 30 Sep 2019 19:10

Instrument :

MSVOA_W

ClientSampleId :

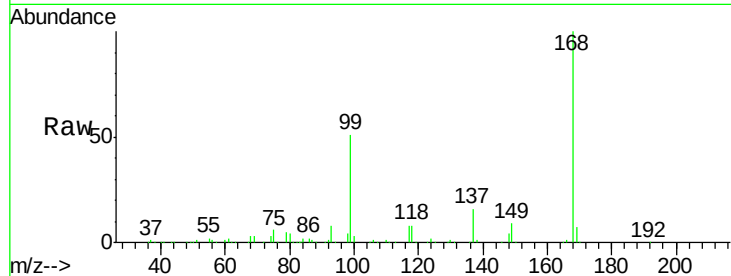
SB-02-(9.5-10.0)

Tot Ion:168 Resp: 325591

Ion Ratio Lower Upper

168 100

99 50.9 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

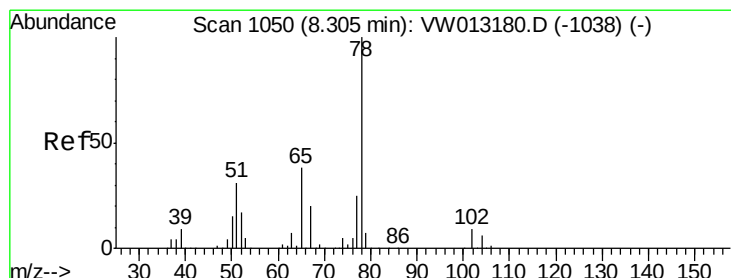
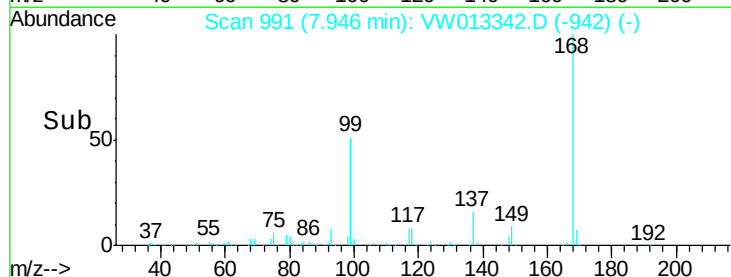
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.613 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013342.D

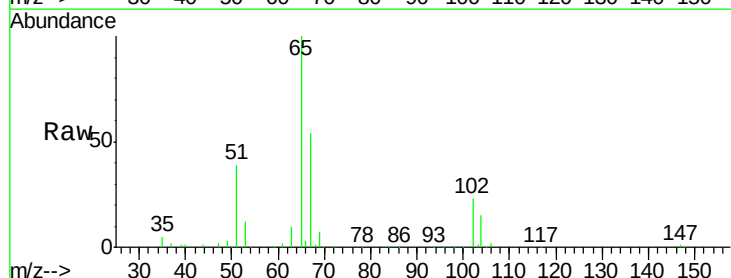
Acq: 30 Sep 2019 19:10

Tgt Ion: 65 Resp: 137152

Ion Ratio Lower Upper

65 100

67 54.1 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

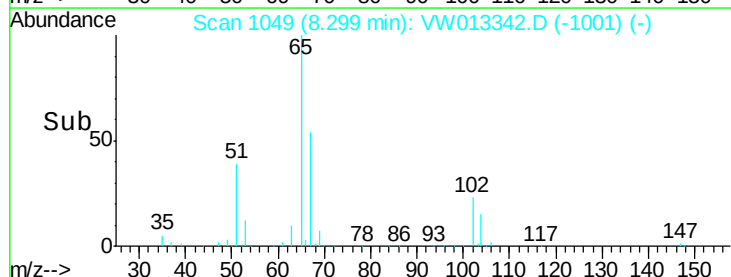
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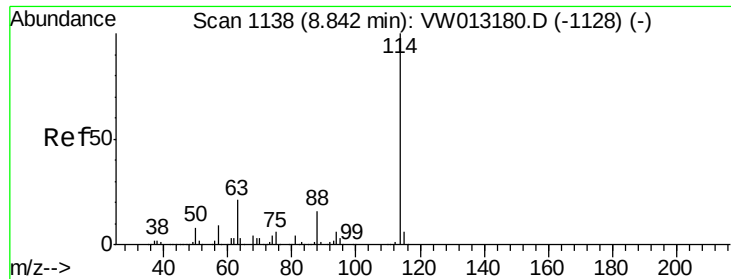
40000

20000

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Time-->

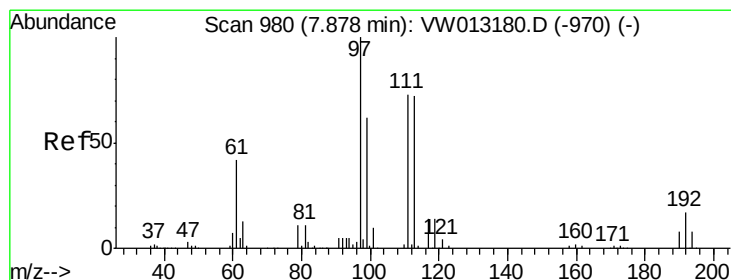
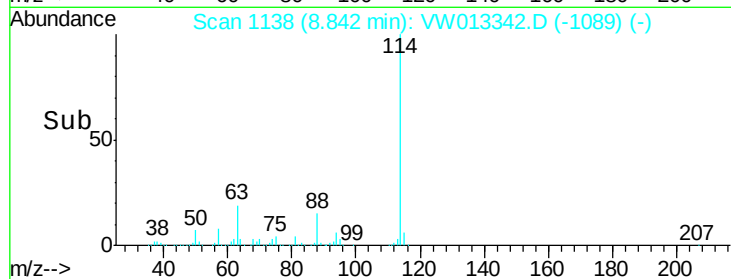
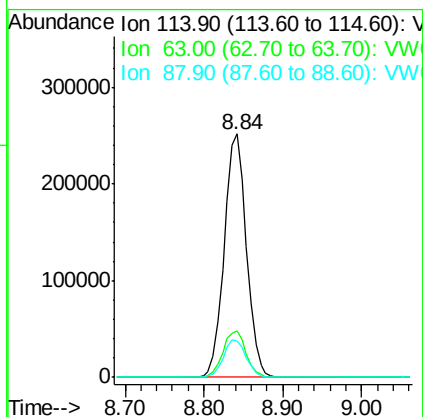
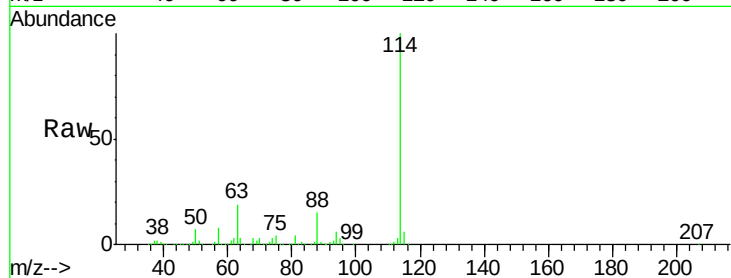




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013342.D
 Acq: 30 Sep 2019 19:10

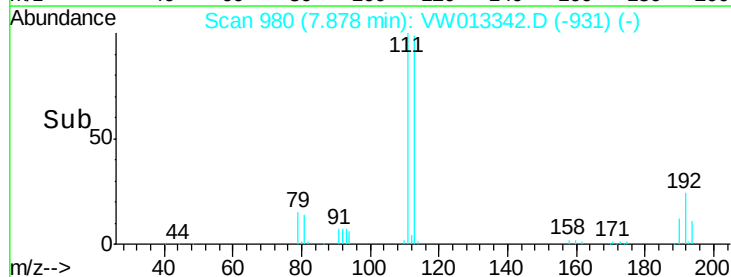
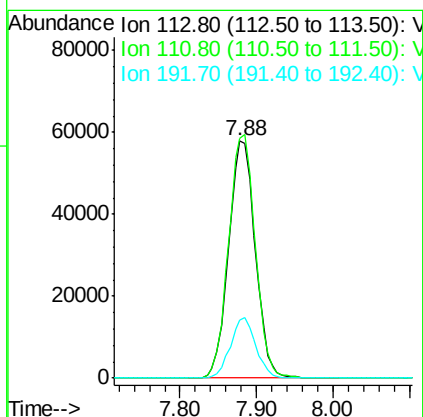
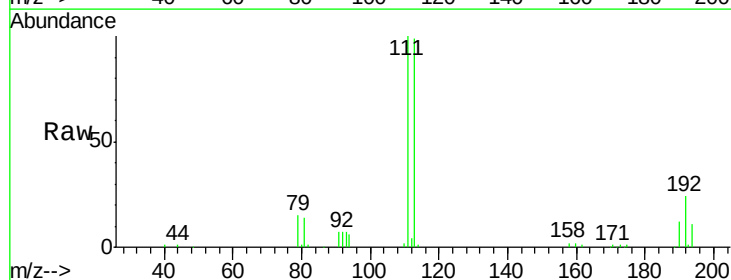
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-02-(9.5-10.0)

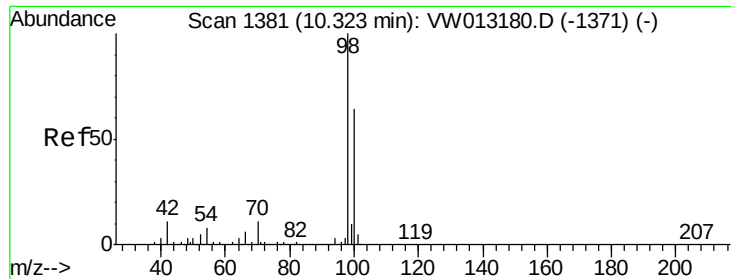
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	41.4
88	14.7	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 51.528 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013342.D
 Acq: 30 Sep 2019 19:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.9	122.9
192	24.3	19.1	28.7

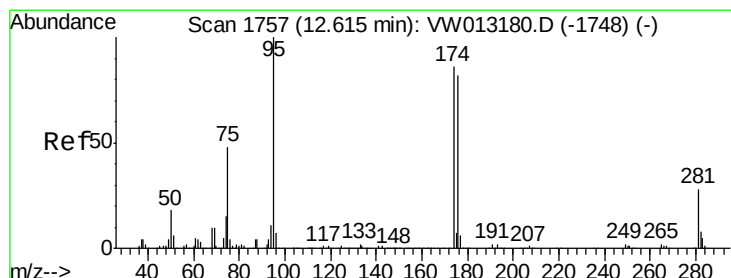
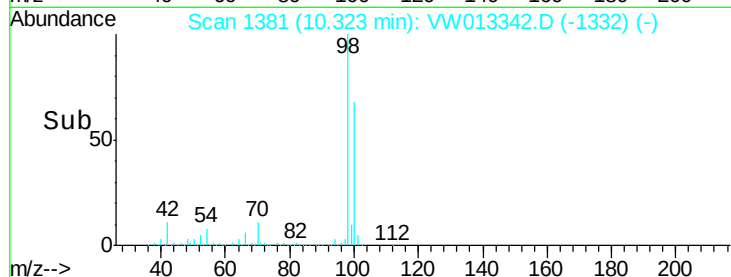
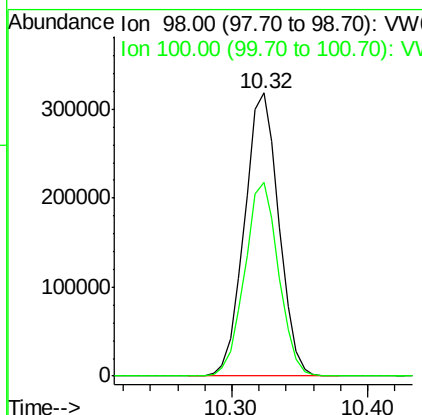
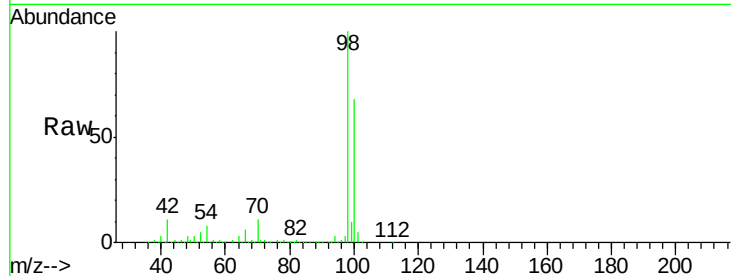




#50
Toluene-d8
Concen: 49.785 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013342.D
Acq: 30 Sep 2019 19:10

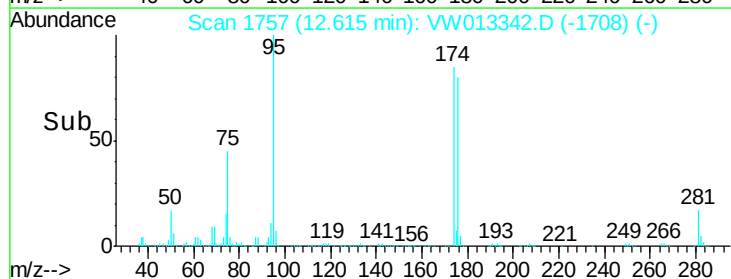
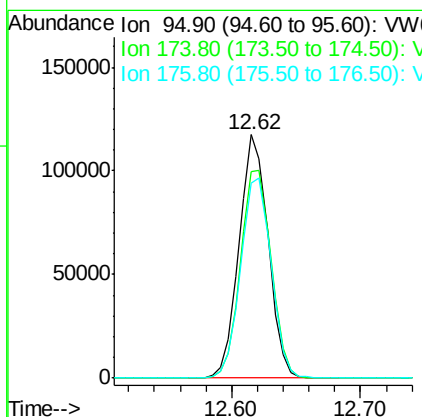
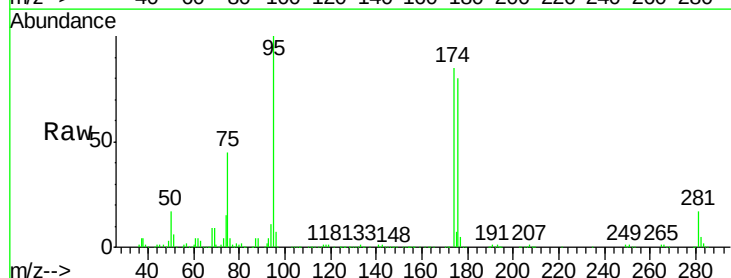
Instrument :
MSVOA_W
ClientSampleId :
SB-02-(9.5-10.0)

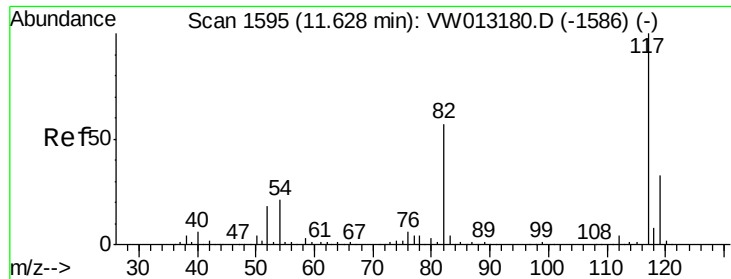
Tot Ion: 98 Resp: 563011
Ion Ratio Lower Upper
98 100
100 67.4 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 47.417 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013342.D
Acq: 30 Sep 2019 19:10

Tgt Ion: 95 Resp: 183171
Ion Ratio Lower Upper
95 100
174 90.1 0.0 178.4
176 86.3 0.0 172.2

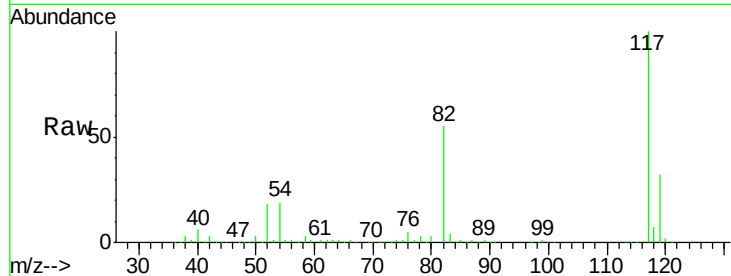




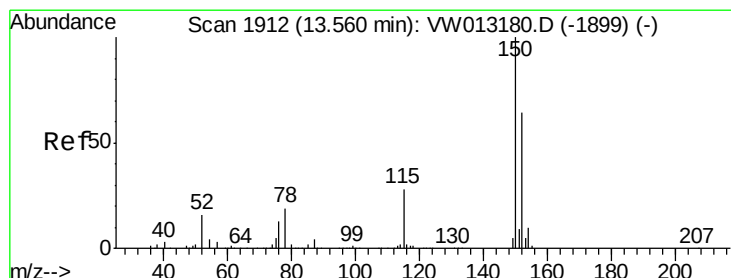
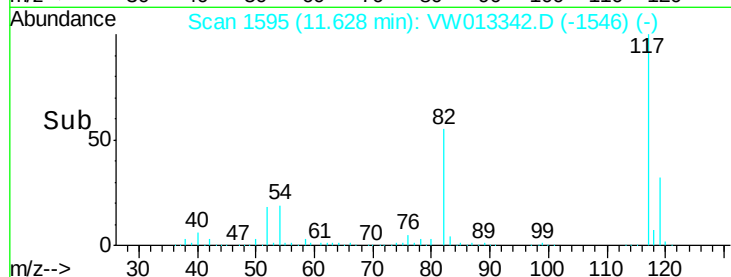
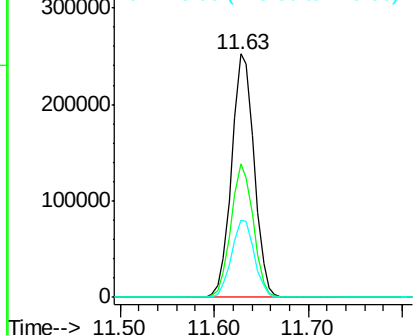
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013342.D
Acq: 30 Sep 2019 19:10

Instrument :
MSVOA_W
ClientSampleId :
SB-02-(9.5-10.0)

Tot Ion:117 Resp: 418109
Ion Ratio Lower Upper
117 100
82 54.7 45.9 68.9
119 32.0 26.2 39.2

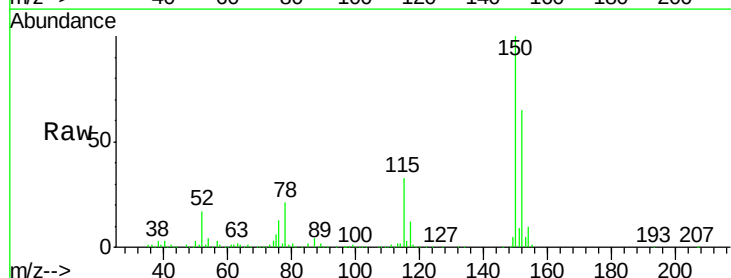


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW013342.D
Acq: 30 Sep 2019 19:10

Tgt Ion:152 Resp: 189308
Ion Ratio Lower Upper
152 100
115 54.1 27.3 81.9
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

