

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111219\
 Data File : VW013986.D
 Acq On : 12 Nov 2019 19:58
 Operator : SY/VA
 Sample : K5788-04
 Misc : 7.48G/5.0ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-4

Quant Time: Nov 13 08:17:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

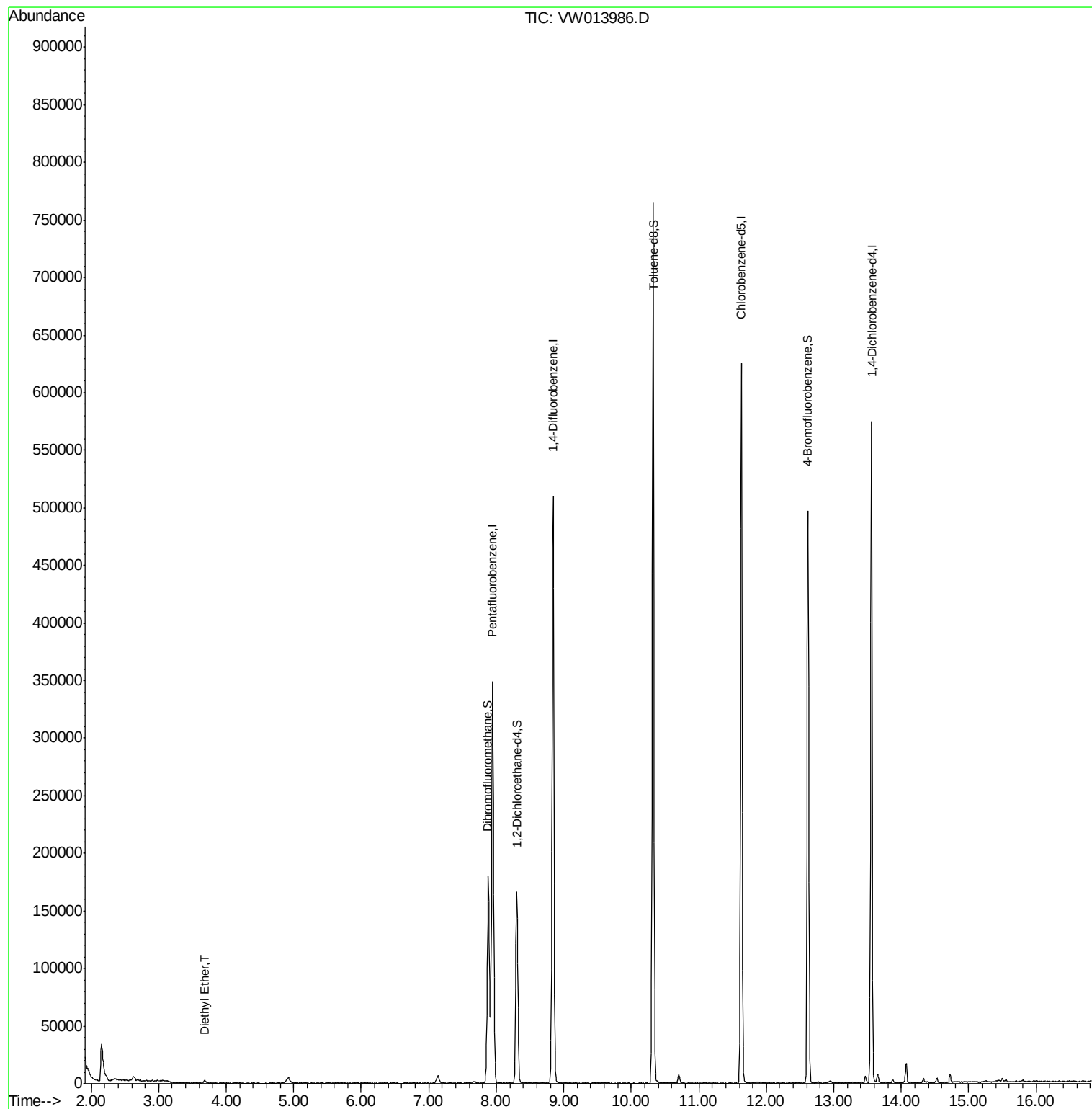
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	288360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	446496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	381555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	168832	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	125963	58.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.46%	
35) Dibromofluoromethane	7.88	113	129432	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
50) Toluene-d8	10.32	98	516216	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
62) 4-Bromofluorobenzene	12.62	95	163265	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
Target Compounds						
8) Diethyl Ether	3.68	74	1740	1.398	ug/l	Qvalue 90

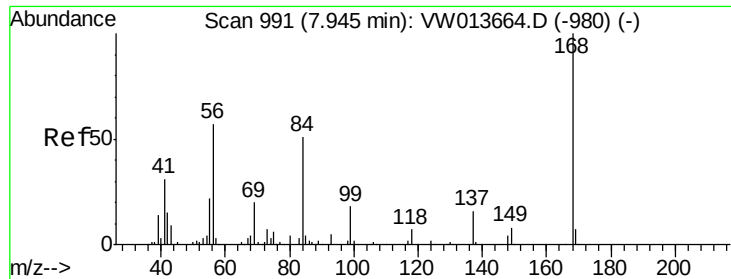
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 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: VW013986.D

Acq: 12 Nov 2019 19:58

Instrument :

MSVOA_W

ClientSampled :

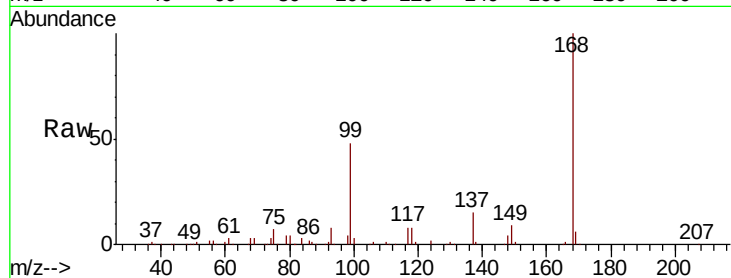
B-4

Tot Ion:168 Resp: 288360

Ion Ratio Lower Upper

168 100

99 48.1 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

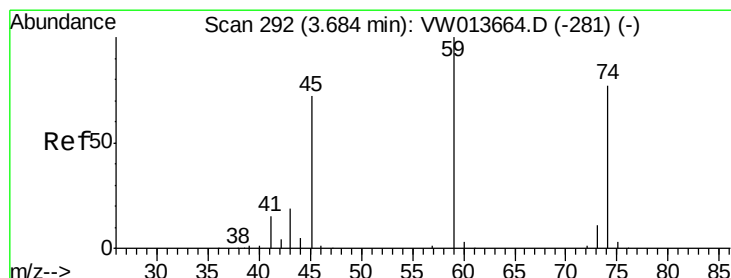
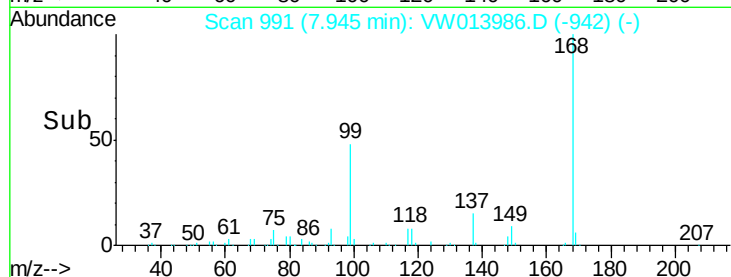
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#8

Diethyl Ether

Concen: 1.398 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.00 min

Lab File: VW013986.D

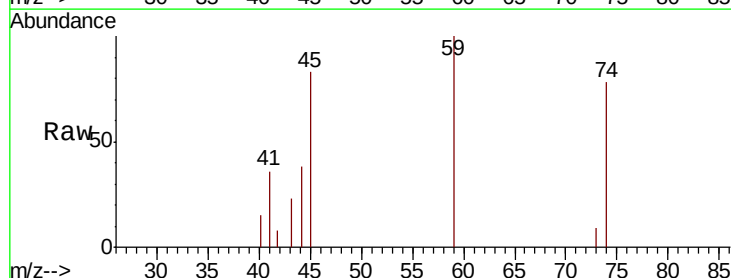
Acq: 12 Nov 2019 19:58

Tgt Ion: 74 Resp: 1740

Ion Ratio Lower Upper

74 100

45 86.0 47.9 143.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

800

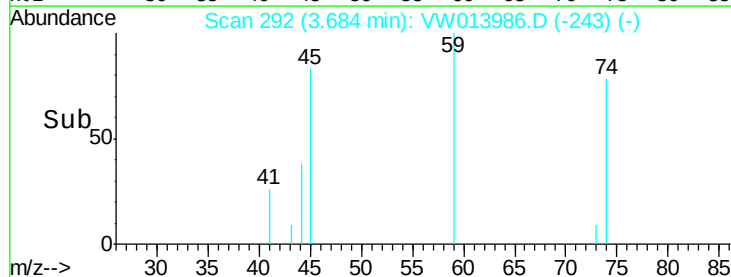
600

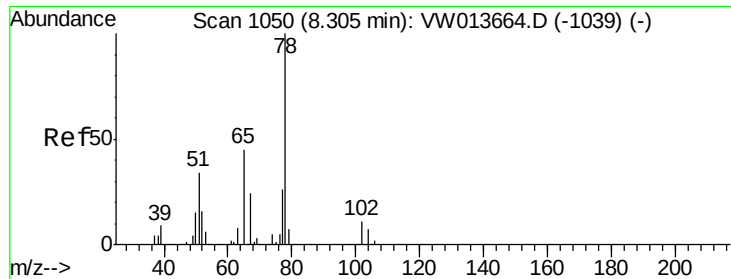
400

200

0

Time--> 3.60 3.65 3.70 3.75

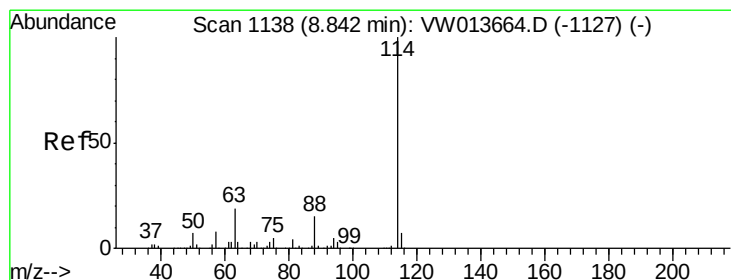
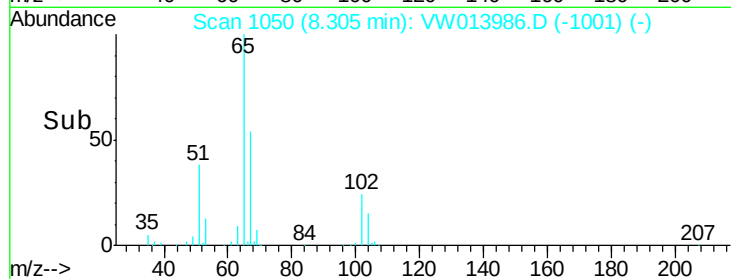
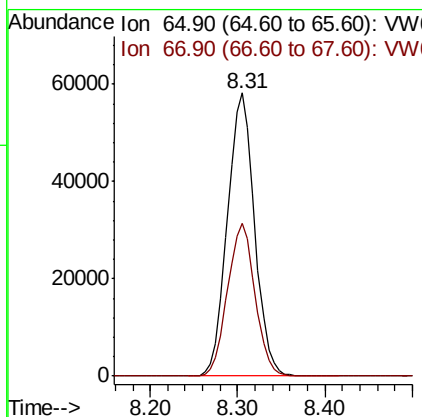
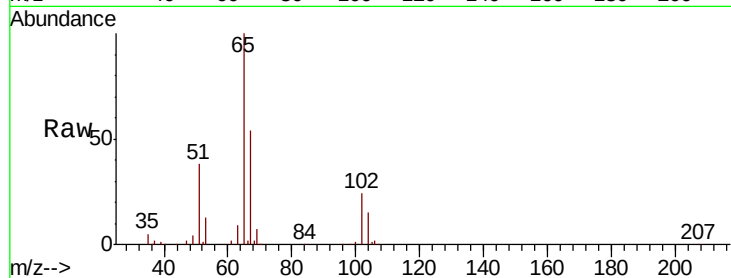




#33
 1,2-Dichloroethane-d4
 Concen: 58.231 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013986.D
 Acq: 12 Nov 2019 19:58

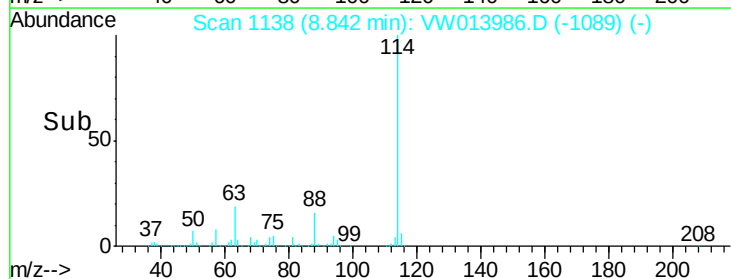
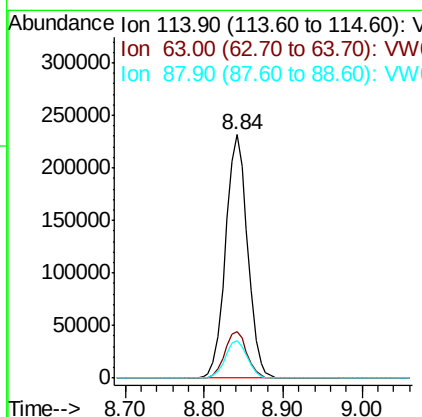
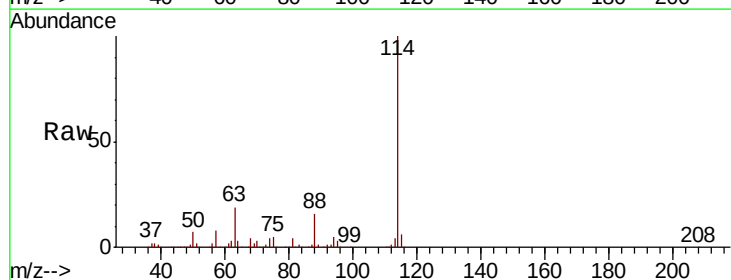
Instrument :
 MSVOA_W
 ClientSampleId :
 B-4

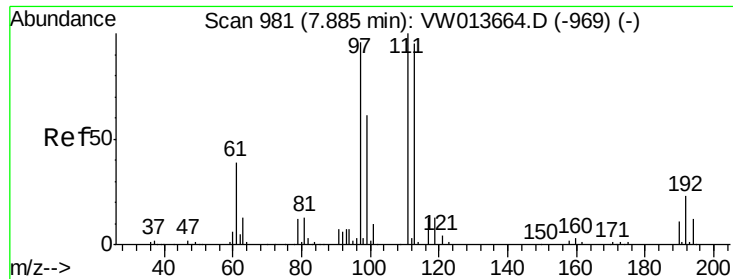
Tot Ion: 65 Resp: 125963
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013986.D
 Acq: 12 Nov 2019 19:58

Tgt Ion: 114 Resp: 446496
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.6
 88 15.7 0.0 30.2

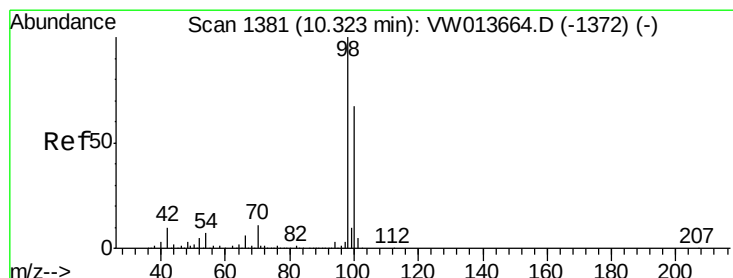
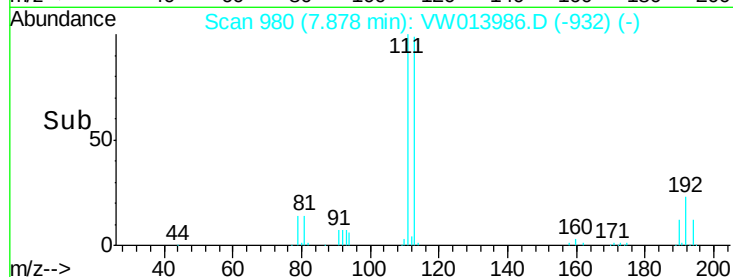
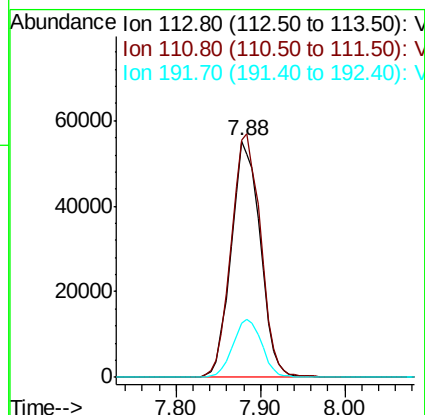
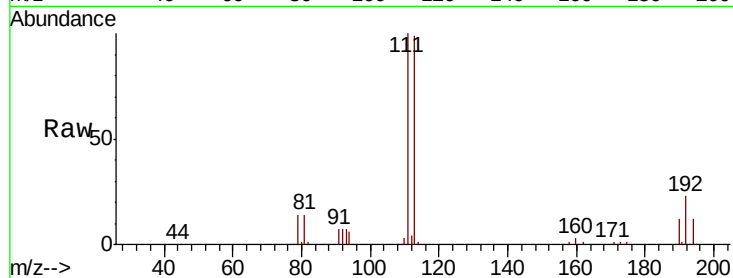




#35
 Dibromofluoromethane
 Concen: 52.170 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW013986.D
 Acq: 12 Nov 2019 19:58

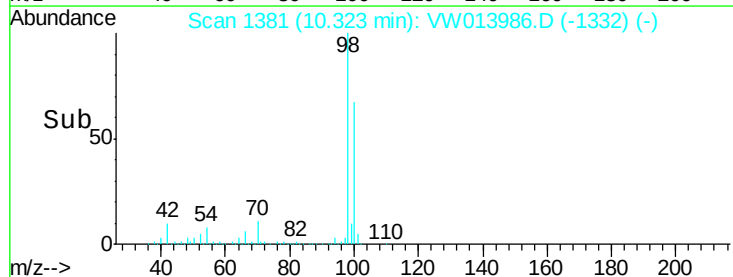
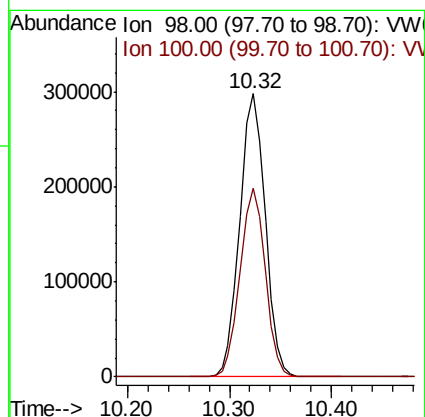
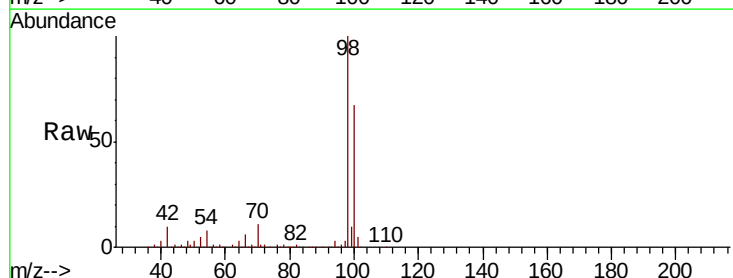
Instrument :
 MSVOA_W
 ClientSampleId :
 B-4

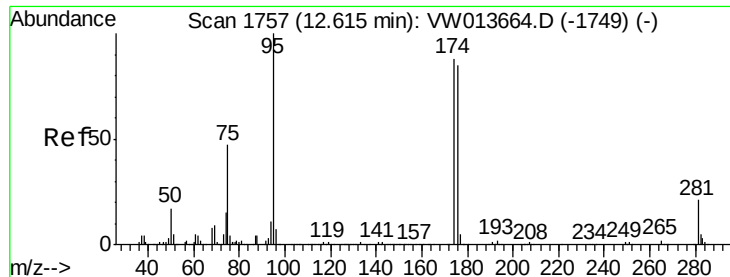
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.0	124.6
192	24.4	19.4	29.2



#50
 Toluene-d8
 Concen: 51.063 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW013986.D
 Acq: 12 Nov 2019 19:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.4	80.0

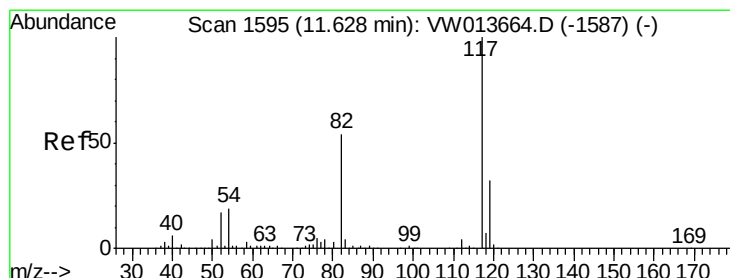
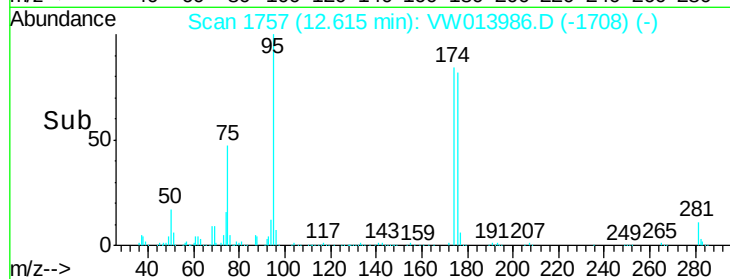
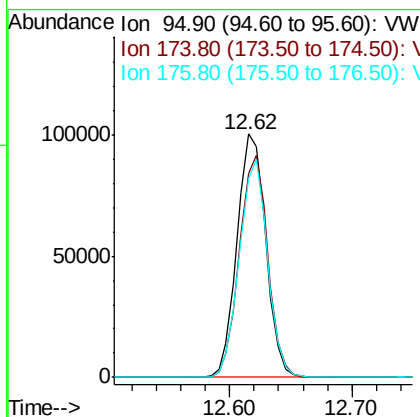
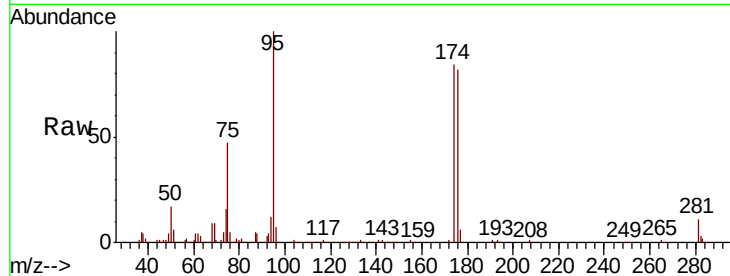




#62
4-Bromofluorobenzene
Concen: 47.696 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013986.D
Acq: 12 Nov 2019 19:58

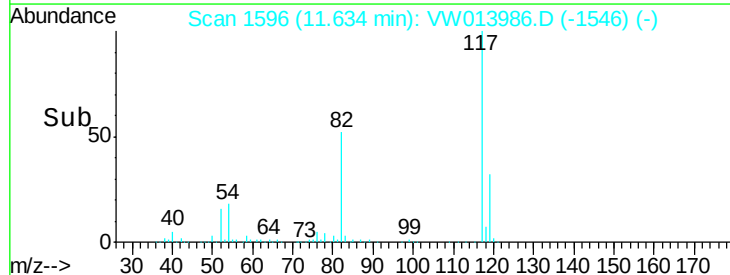
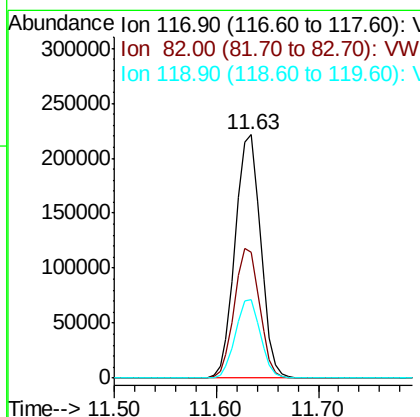
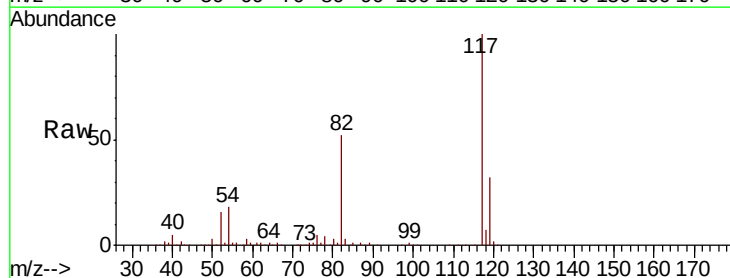
Instrument :
MSVOA_W
ClientSampled :
B-4

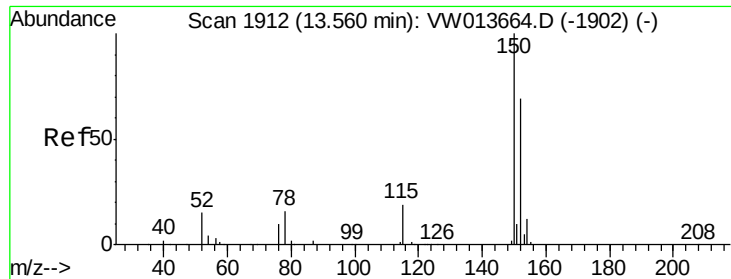
Tot Ion	Ratio	Lower	Upper
95	100		
174	90.8	0.0	183.6
176	87.9	0.0	178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013986.D
Acq: 12 Nov 2019 19:58

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.7	43.6	65.4
119	32.5	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW013986.D

Acq: 12 Nov 2019 19:58

Instrument :

MSVOA_W

ClientSampleId :

B-4

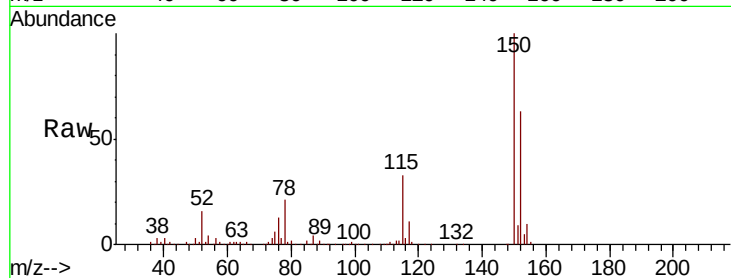
Tot Ion:152 Resp: 168832

Ion Ratio Lower Upper

152 100

115 54.4 27.4 82.2

150 158.9 0.0 345.4



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

