

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111219\
 Data File : VW013985.D
 Acq On : 12 Nov 2019 19:32
 Operator : SY/VA
 Sample : K5788-03
 Misc : 6.78G/5.0ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-3

Quant Time: Nov 13 08:16:40 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

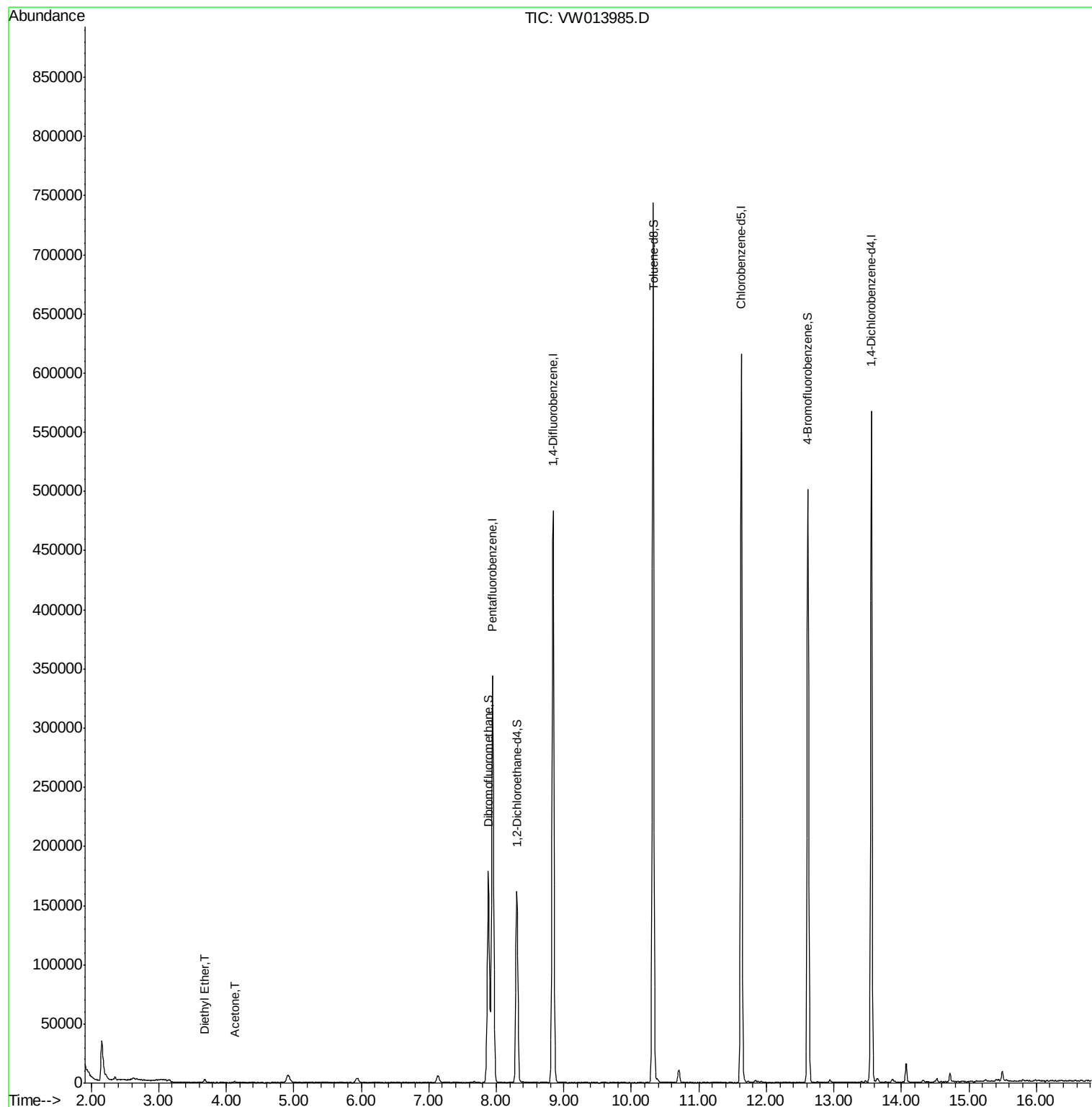
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	286440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	438248	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	372096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	166206	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	124980	58.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.32%	
35) Dibromofluoromethane	7.88	113	128400	52.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.46%	
50) Toluene-d8	10.32	98	508881	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
62) 4-Bromofluorobenzene	12.62	95	161586	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
Target Compounds						
8) Diethyl Ether	3.68	74	1495	1.210	ug/l	99
16) Acetone	4.14	43	2186	4.798	ug/l	99

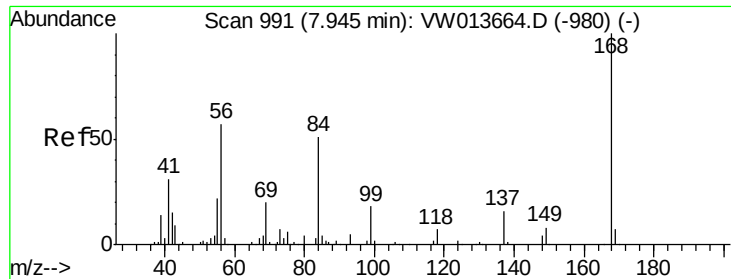
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013985.D

Acq: 12 Nov 2019 19:32

Instrument :

MSVOA_W

ClientSampleId :

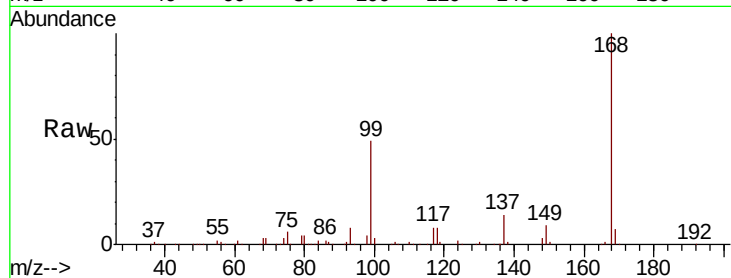
B-3

Tot Ion:168 Resp: 286440

Ion Ratio Lower Upper

168 100

99 48.9 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

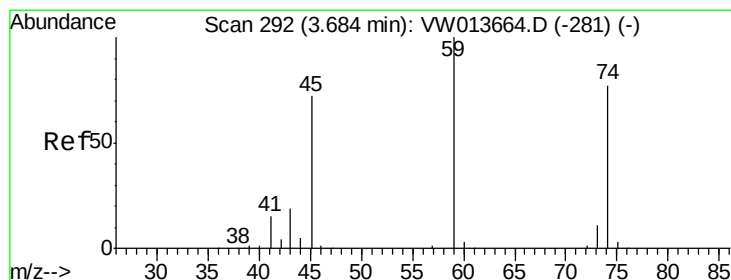
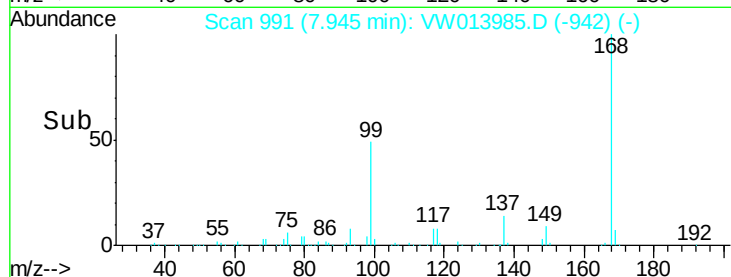
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.210 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.00 min

Lab File: VW013985.D

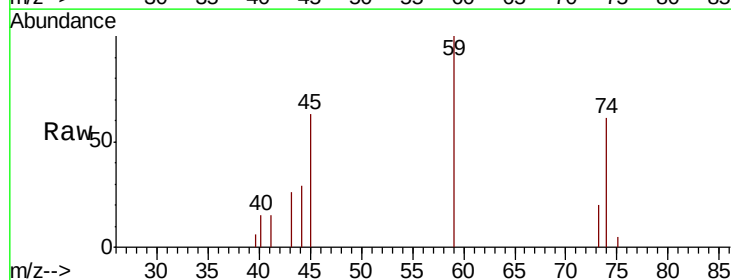
Acq: 12 Nov 2019 19:32

Tgt Ion: 74 Resp: 1495

Ion Ratio Lower Upper

74 100

45 94.6 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

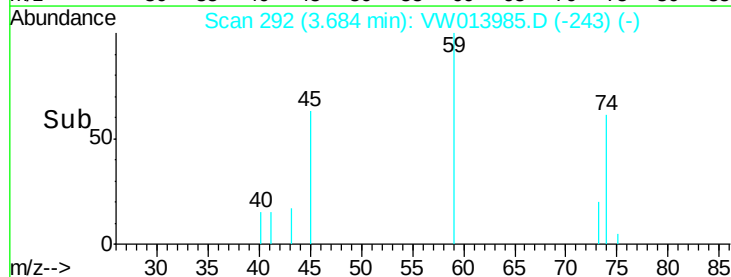
600

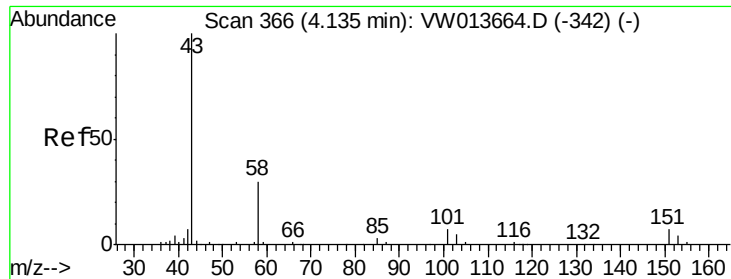
400

200

0

Time--> 3.60 3.65 3.70 3.75

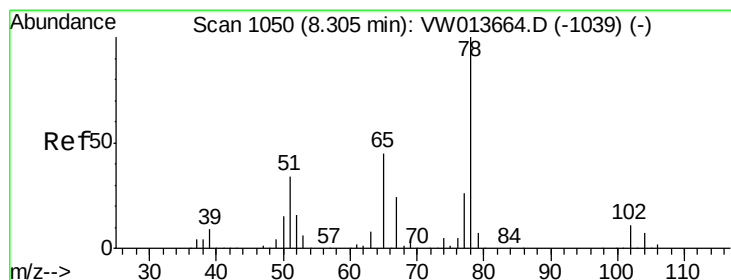
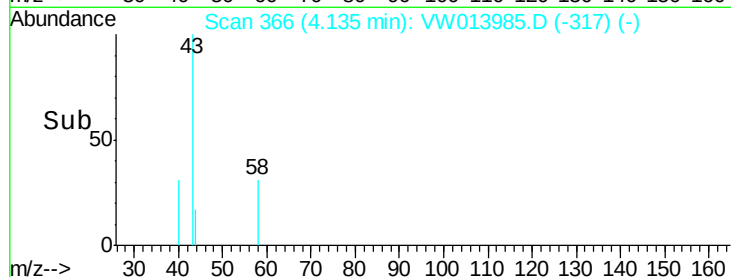
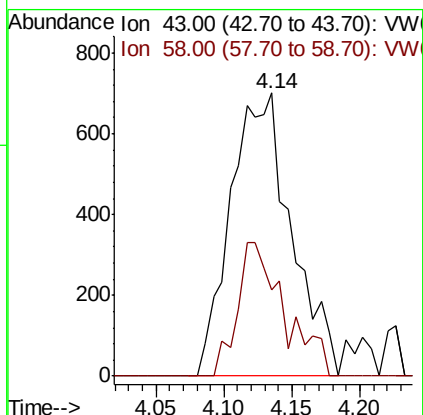
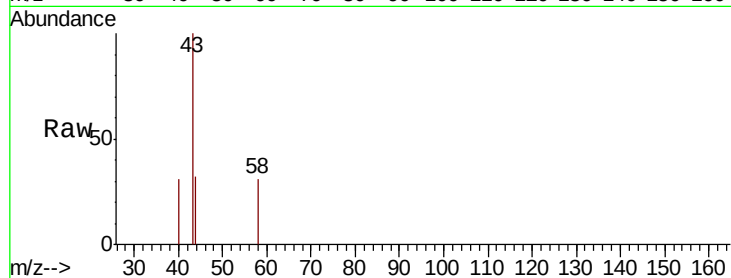




#16
 Acetone
 Concen: 4.798 ug/l
 RT: 4.14 min Scan# 366
 Delta R.T. -0.00 min
 Lab File: VW013985.D
 Acq: 12 Nov 2019 19:32

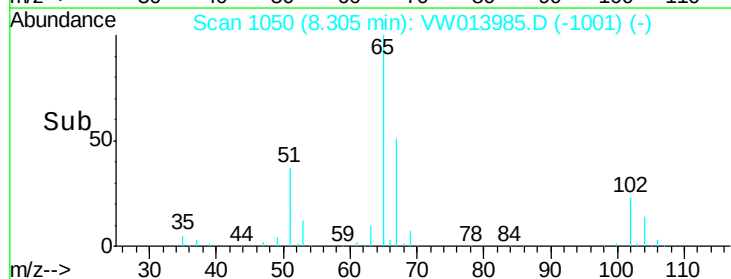
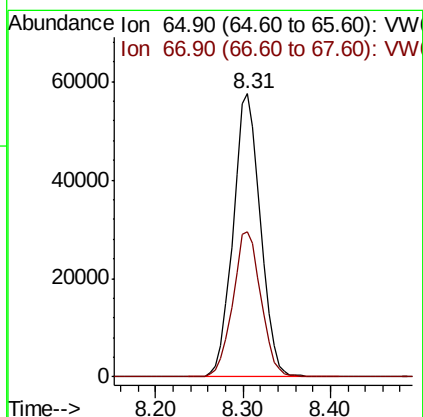
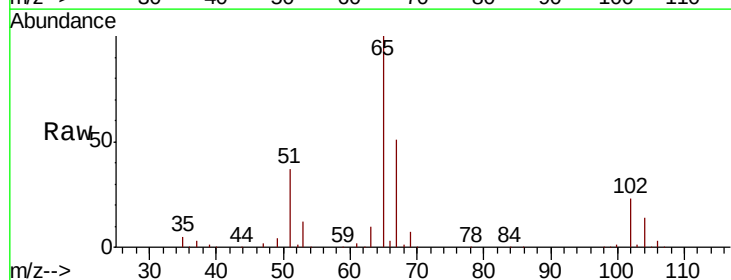
Instrument :
 MSVOA_W
 ClientSampled :
 B-3

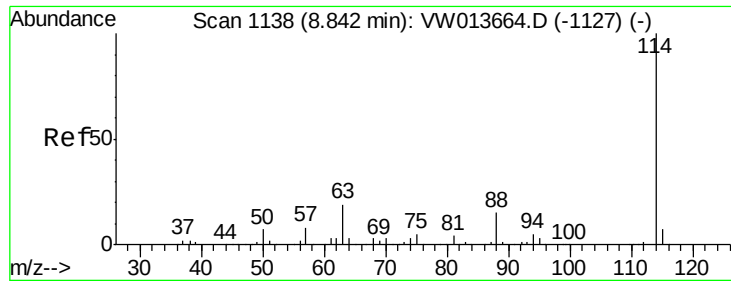
Tot Ion: 43 Resp: 2186
 Ion Ratio Lower Upper
 43 100
 58 30.5 24.1 36.1



#33
 1,2-Dichloroethane-d4
 Concen: 58.164 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013985.D
 Acq: 12 Nov 2019 19:32

Tgt Ion: 65 Resp: 124980
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 109.4

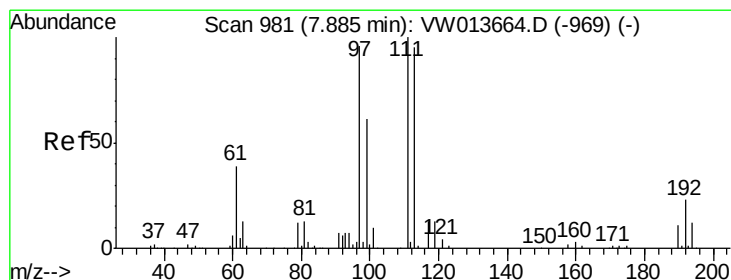
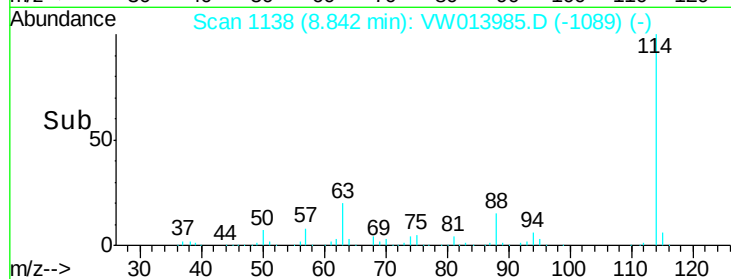
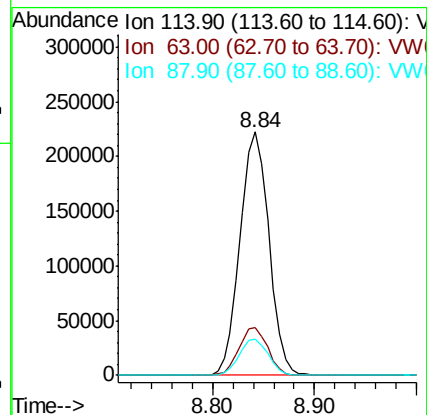
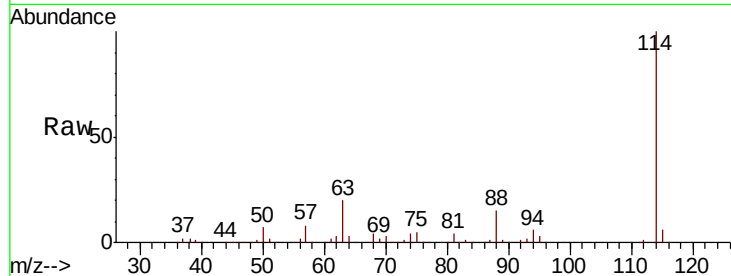




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013985.D
 Acq: 12 Nov 2019 19:32

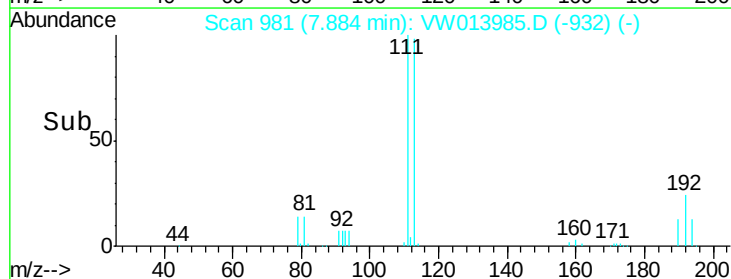
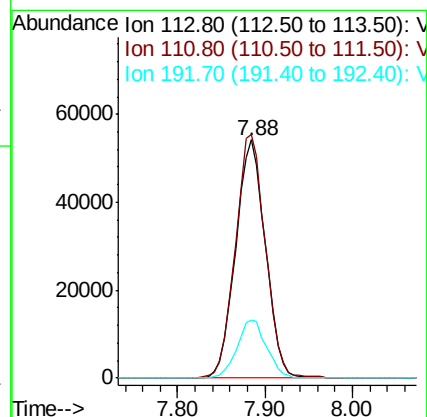
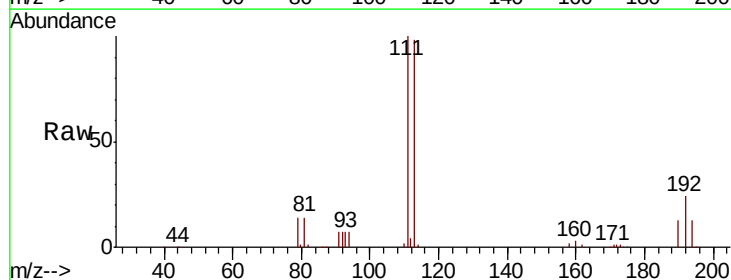
Instrument :
 MSVOA_W
 ClientSampleId :
 B-3

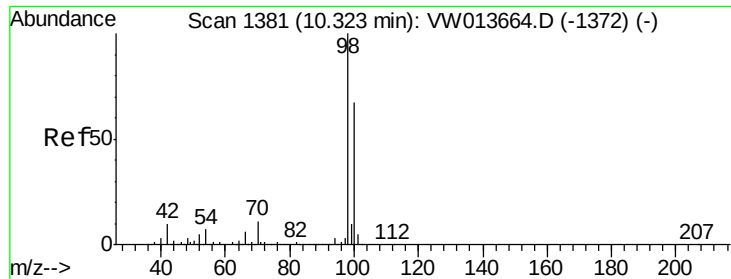
Tot Ion:114 Resp: 438248
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 37.6
 88 15.0 0.0 30.2



#35
 Dibromofluoromethane
 Concen: 52.728 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013985.D
 Acq: 12 Nov 2019 19:32

Tgt Ion:113 Resp: 128400
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.0 124.6
 192 24.2 19.4 29.2





#50

Toluene-d8

Concen: 51.285 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013985.D

Acq: 12 Nov 2019 19:32

Instrument :

MSVOA_W

ClientSampleId :

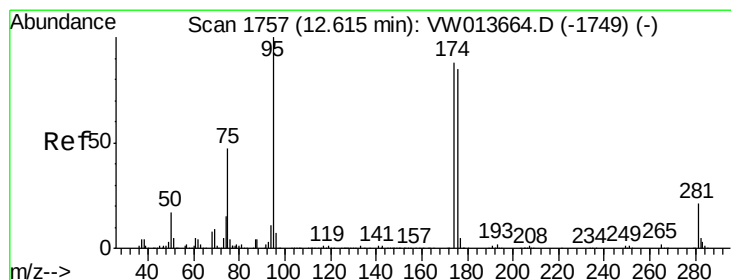
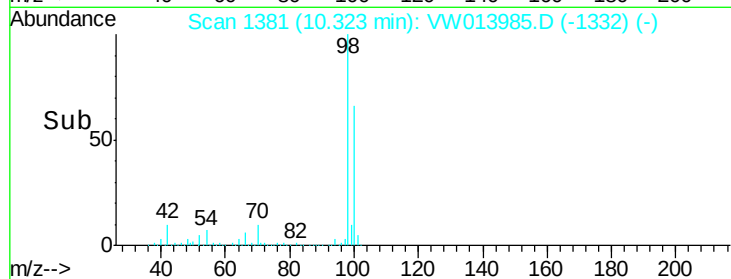
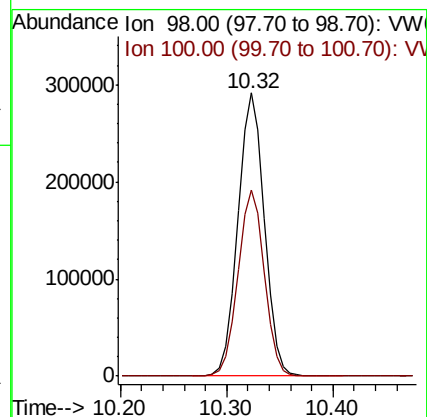
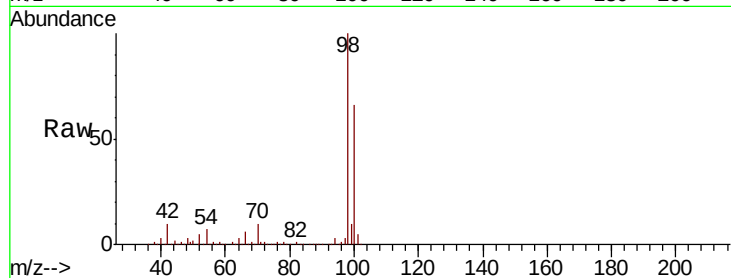
B-3

Tot Ion: 98 Resp: 508881

Ion Ratio Lower Upper

98 100

100 65.4 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 48.094 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013985.D

Acq: 12 Nov 2019 19:32

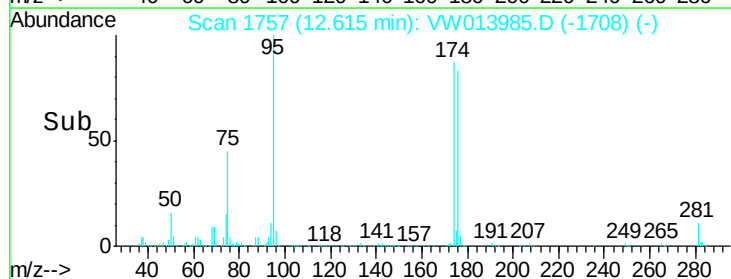
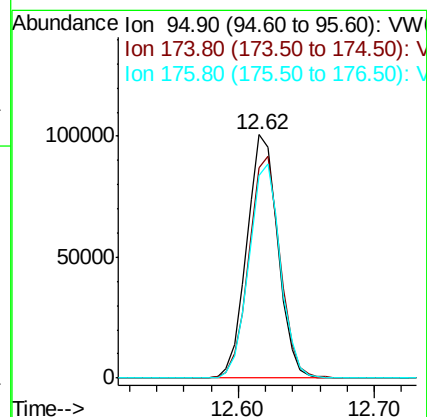
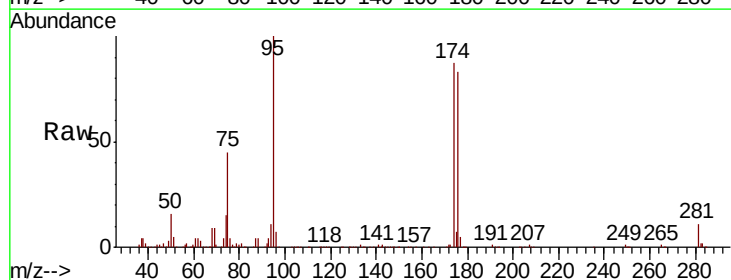
Tgt Ion: 95 Resp: 161586

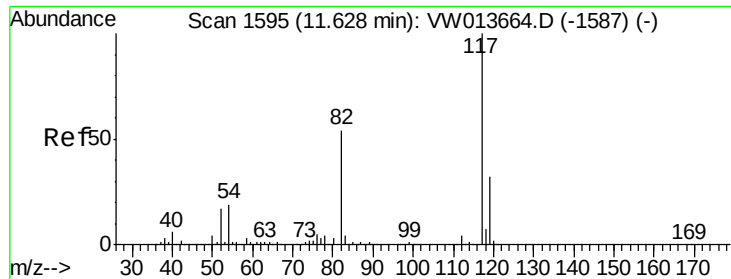
Ion Ratio Lower Upper

95 100

174 91.4 0.0 183.6

176 88.6 0.0 178.0

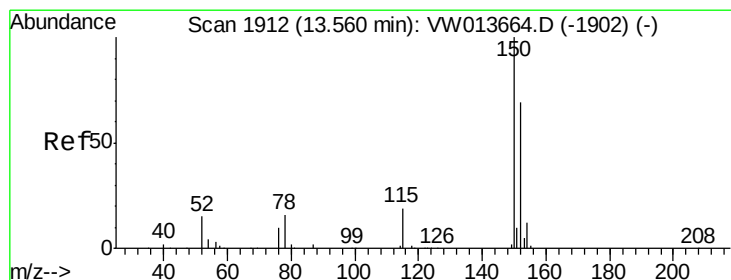
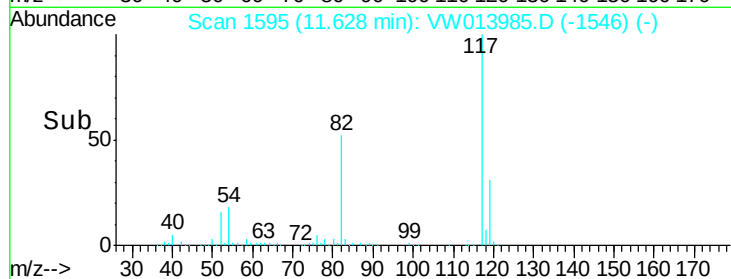
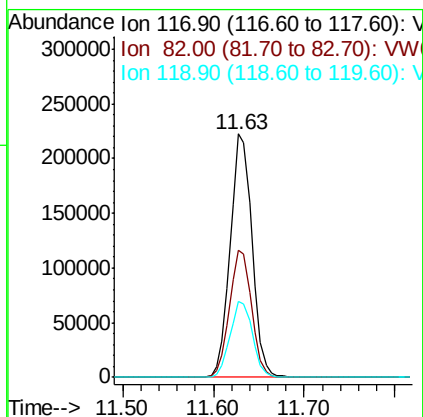
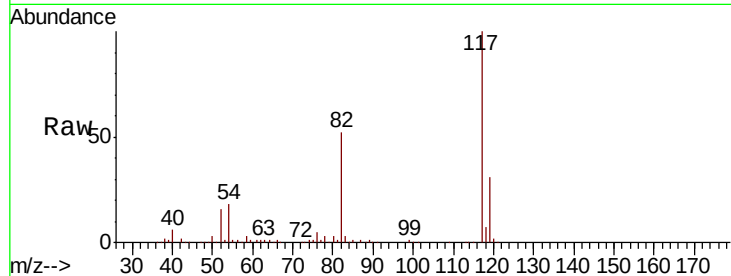




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013985.D
Acq: 12 Nov 2019 19:32

Instrument :
MSVOA_W
ClientSampleId :
B-3

Tot Ion:117 Resp: 372096
Ion Ratio Lower Upper
117 100
82 52.1 43.6 65.4
119 31.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013985.D
Acq: 12 Nov 2019 19:32

Tgt Ion:152 Resp: 166206
Ion Ratio Lower Upper
152 100
115 55.0 27.4 82.2
150 157.0 0.0 345.4

