

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111219\
 Data File : VW013978.D
 Acq On : 12 Nov 2019 16:30
 Operator : SY/VA
 Sample : K5722-14
 Misc : 6.46G/5.0ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2-A

Quant Time: Nov 13 07:27:05 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

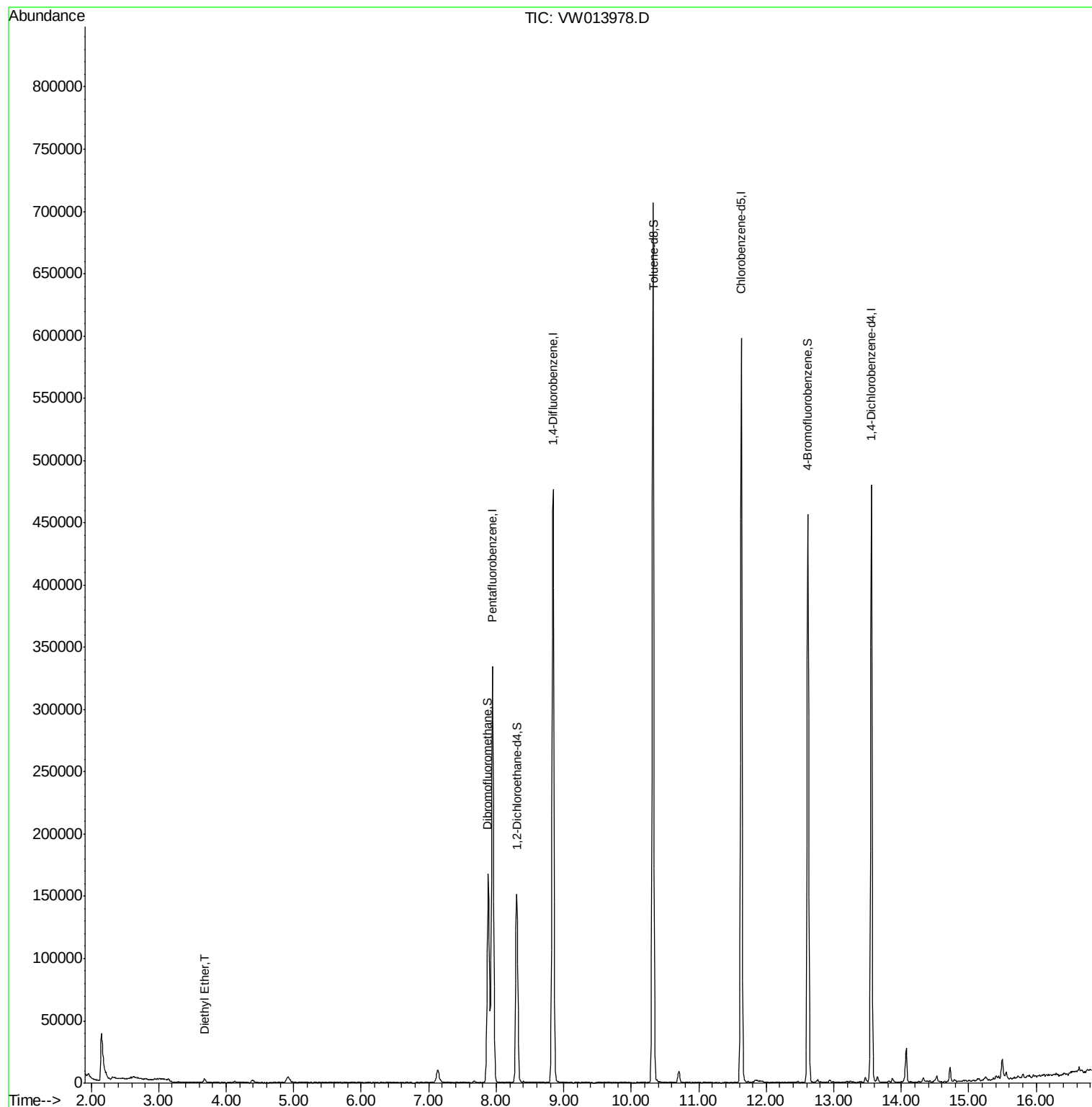
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	278210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	432928	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	352203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	141721	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	118577	56.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.64%	
35) Dibromofluoromethane	7.88	113	125011	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
50) Toluene-d8	10.32	98	486900	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
62) 4-Bromofluorobenzene	12.62	95	144861	43.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.30%	
Target Compounds						
8) Diethyl Ether	3.68	74	1673	1.394	ug/l	Qvalue 81

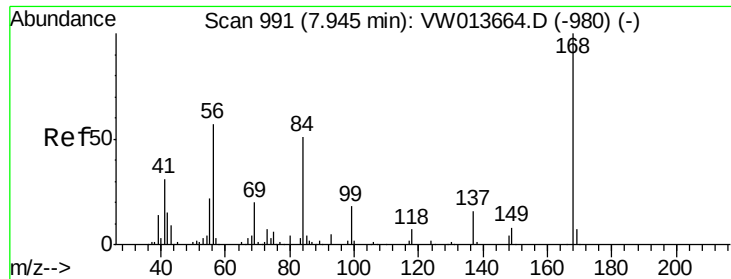
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111219\
Data File : VW013978.D
Acq On : 12 Nov 2019 16:30
Operator : SY/VA
Sample : K5722-14
Misc : 6.46G/5.0ML/MSVOA W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
2-A

Quant Time: Nov 13 07:27:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
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: VW013978.D

Acq: 12 Nov 2019 16:30

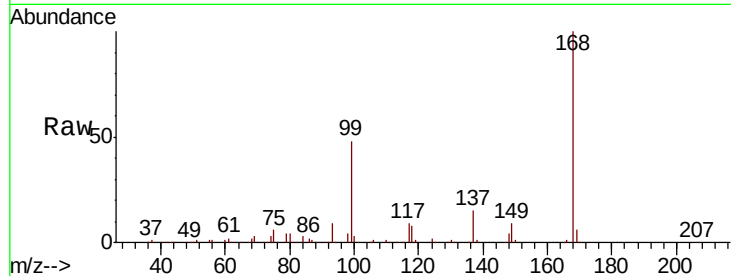
Instrument :
MSVOA_W
ClientSampled :
2-A

Tot Ion:168 Resp: 278210

Ion Ratio Lower Upper

168 100

99 48.0 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

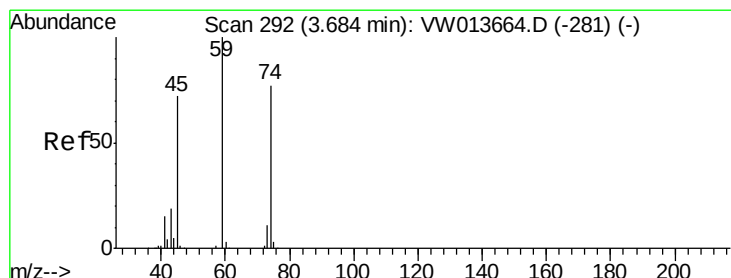
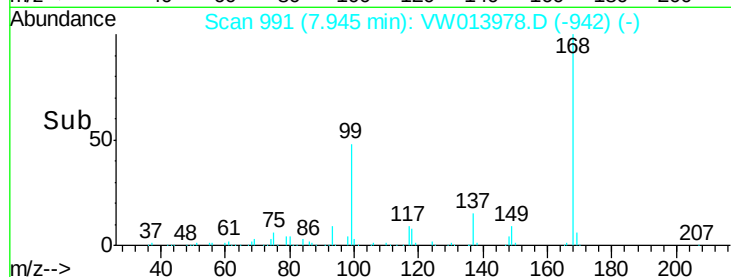
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#8

Diethyl Ether

Concen: 1.394 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW013978.D

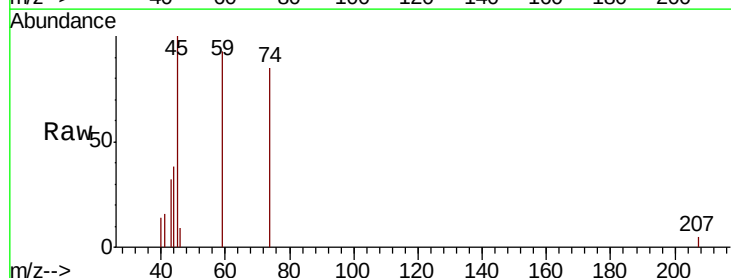
Acq: 12 Nov 2019 16:30

Tgt Ion: 74 Resp: 1673

Ion Ratio Lower Upper

74 100

45 114.2 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

1000

800

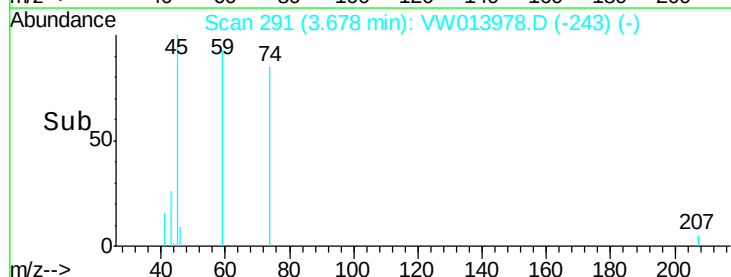
600

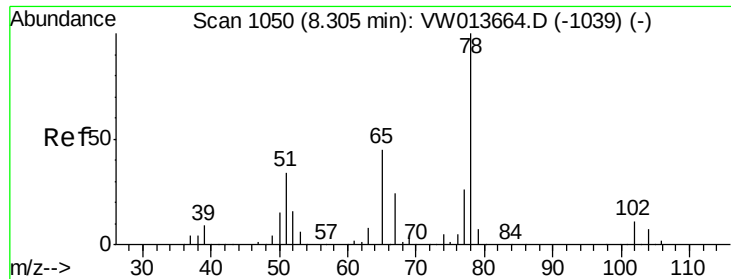
400

200

0

Time--> 3.60 3.65 3.70 3.75





#33

1,2-Dichloroethane-d4

Concen: 56.816 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013978.D

Acq: 12 Nov 2019 16:30

Instrument :

MSVOA_W

ClientSampleId :

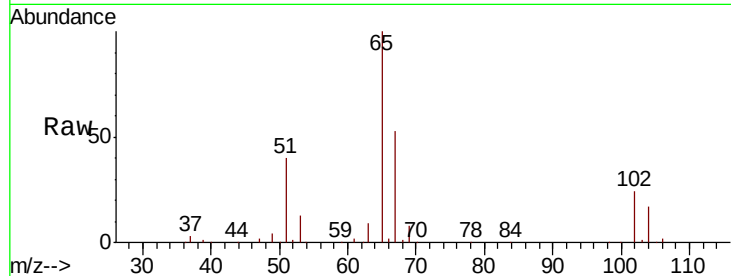
2-A

Tot Ion: 65 Resp: 118577

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

60000

50000

40000

30000

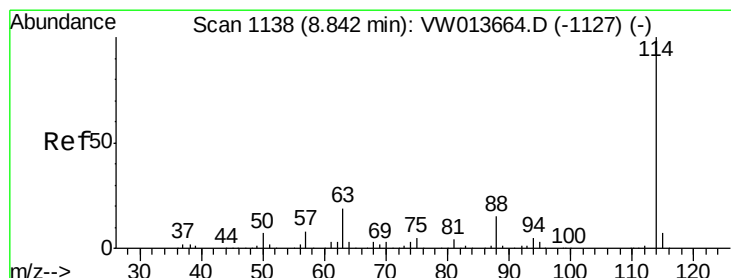
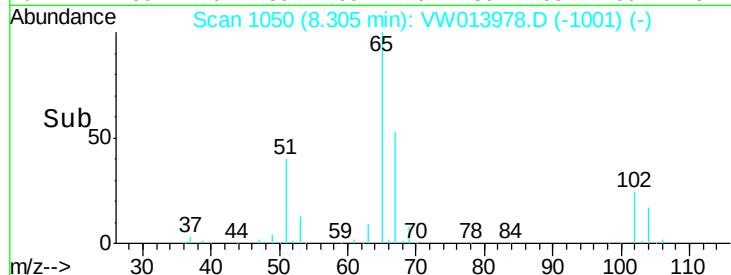
20000

10000

0

8.20 8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013978.D

Acq: 12 Nov 2019 16:30

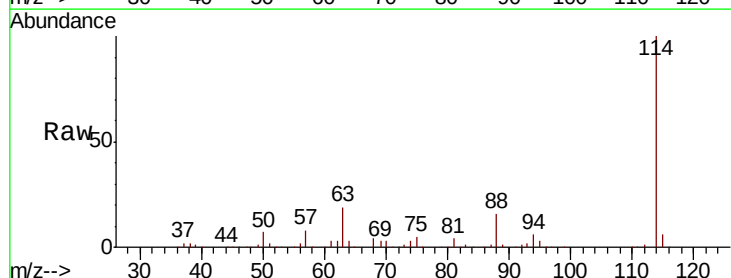
Tgt Ion: 114 Resp: 432928

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.6

88 15.8 0.0 30.2



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

300000

250000

200000

150000

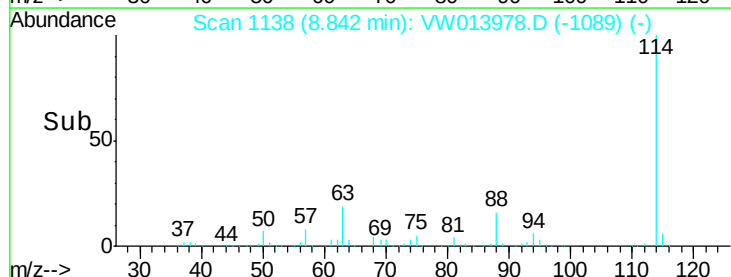
100000

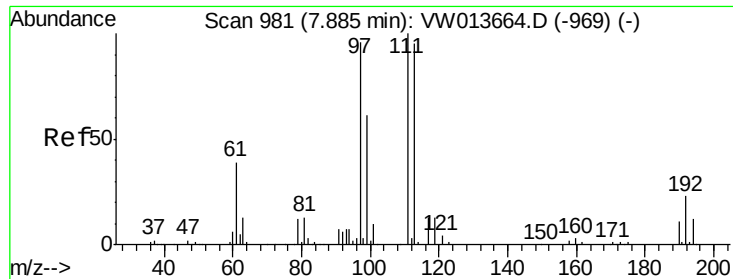
50000

0

8.80 8.90

Time-->

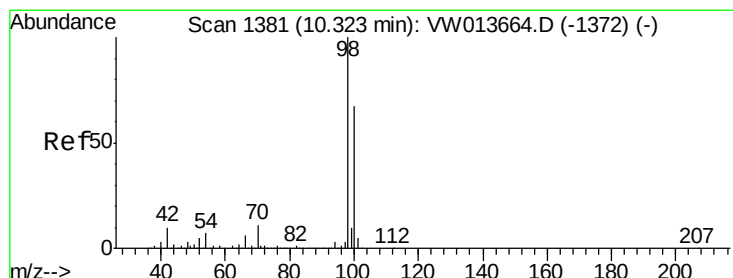
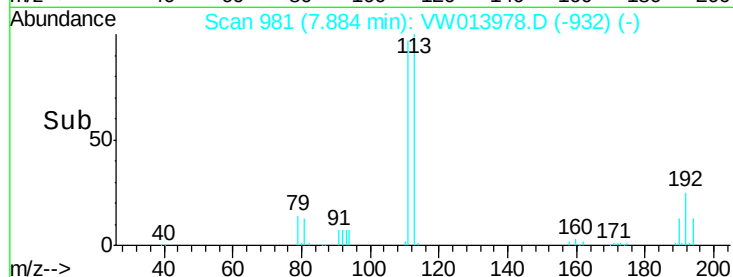
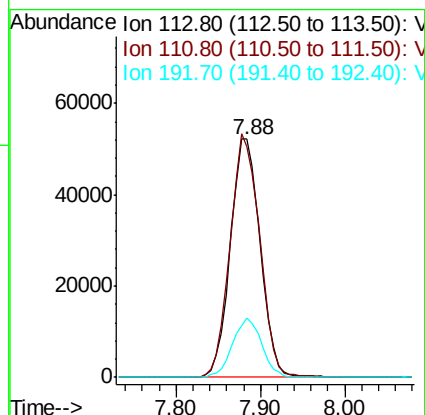
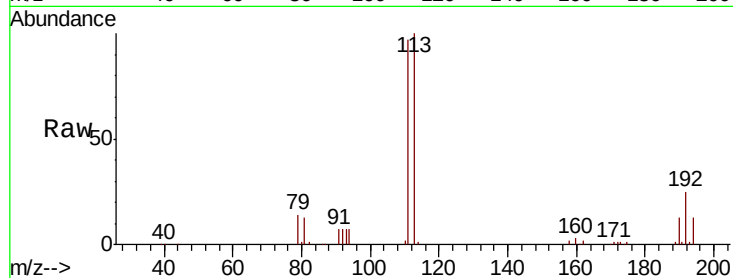




#35
 Dibromofluoromethane
 Concen: 51.967 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013978.D
 Acq: 12 Nov 2019 16:30

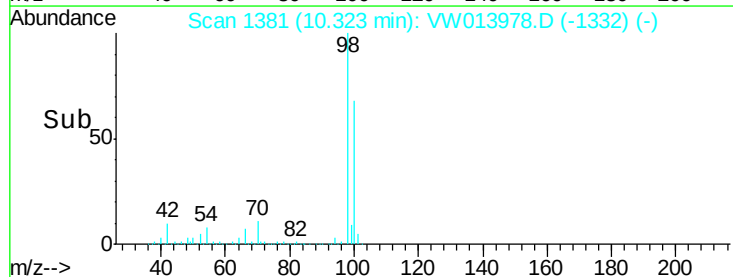
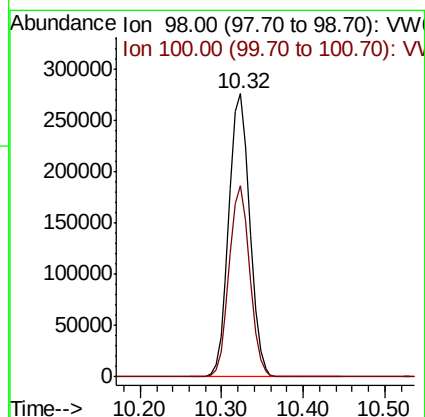
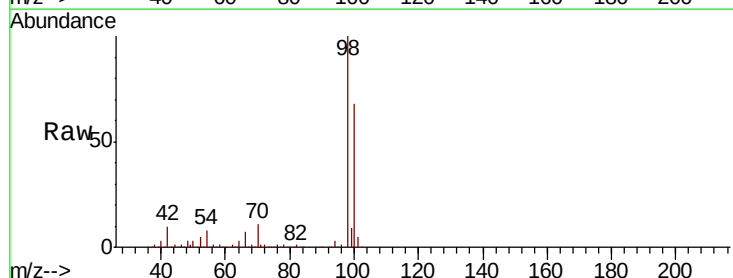
Instrument :
 MSVOA_W
 ClientSampleId :
 2-A

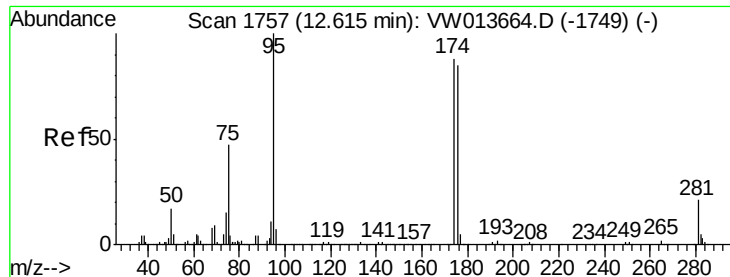
Tot Ion:113 Resp: 125011
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.0 124.6
 192 24.2 19.4 29.2



#50
 Toluene-d8
 Concen: 49.673 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW013978.D
 Acq: 12 Nov 2019 16:30

Tgt Ion: 98 Resp: 486900
 Ion Ratio Lower Upper
 98 100
 100 66.3 53.4 80.0





#62

4-Bromofluorobenzene

Concen: 43.645 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013978.D

Acq: 12 Nov 2019 16:30

Instrument :

MSVOA_W

ClientSampled :

2-A

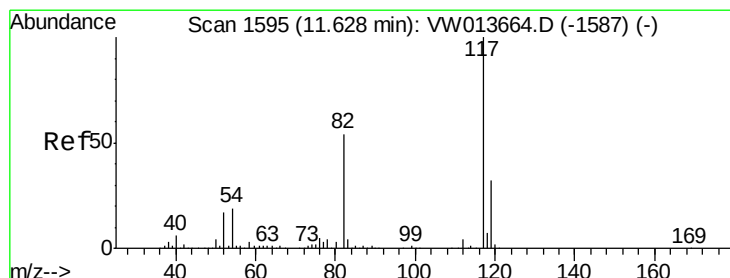
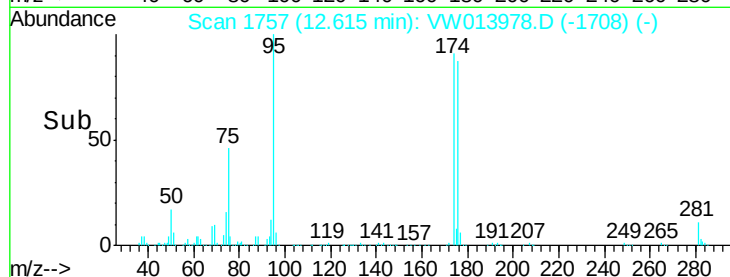
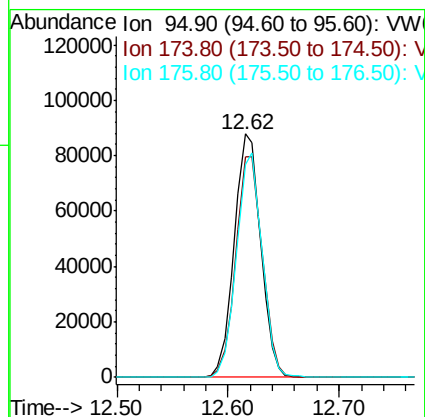
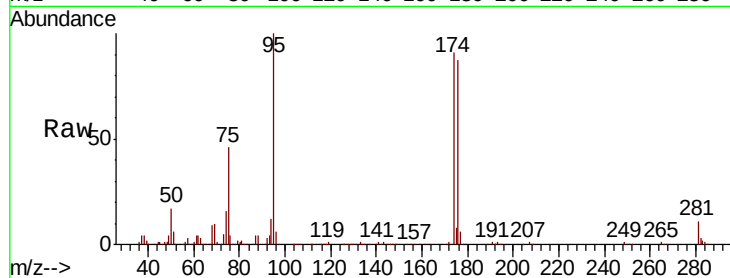
Tot Ion: 95 Resp: 144861

Ion Ratio Lower Upper

95 100

174 91.1 0.0 183.6

176 89.2 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: VW013978.D

Acq: 12 Nov 2019 16:30

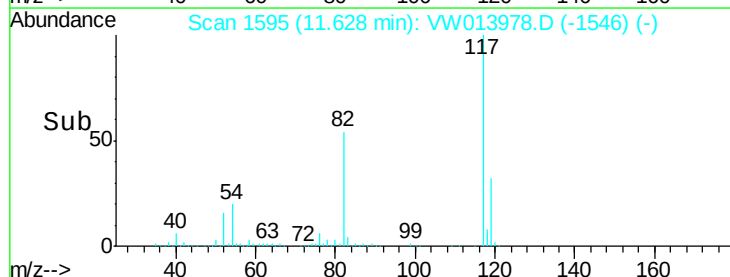
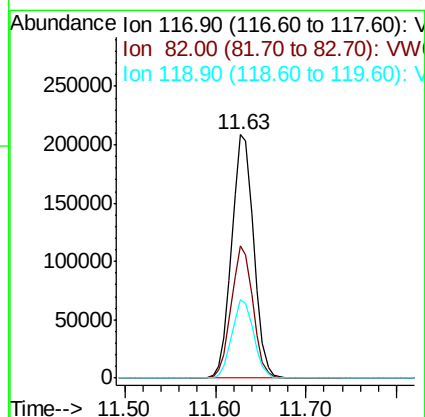
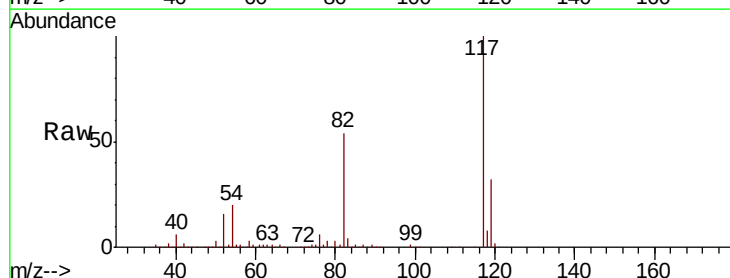
Tgt Ion: 117 Resp: 352203

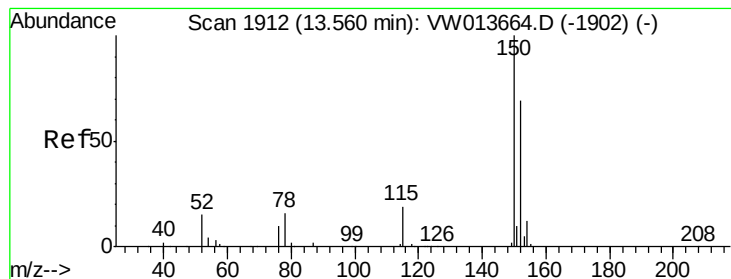
Ion Ratio Lower Upper

117 100

82 54.4 43.6 65.4

119 32.3 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: VW013978.D

Acq: 12 Nov 2019 16:30

Instrument :

MSVOA_W

ClientSampleId :

2-A

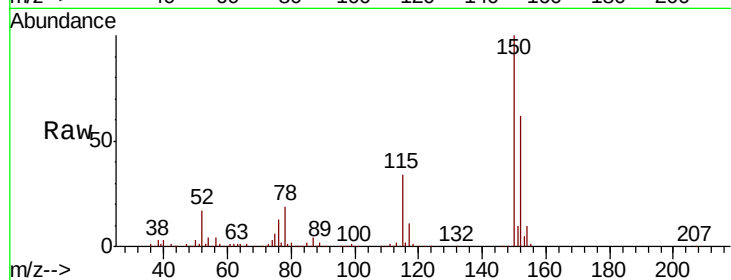
Tot Ion:152 Resp: 141721

Ion Ratio Lower Upper

152 100

115 54.4 27.4 82.2

150 156.3 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

