

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011020\
 Data File : VW014602.D
 Acq On : 10 Jan 2020 16:25
 Operator : SY/VA
 Sample : L1084-02
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AF-2

Quant Time: Jan 11 04:25:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

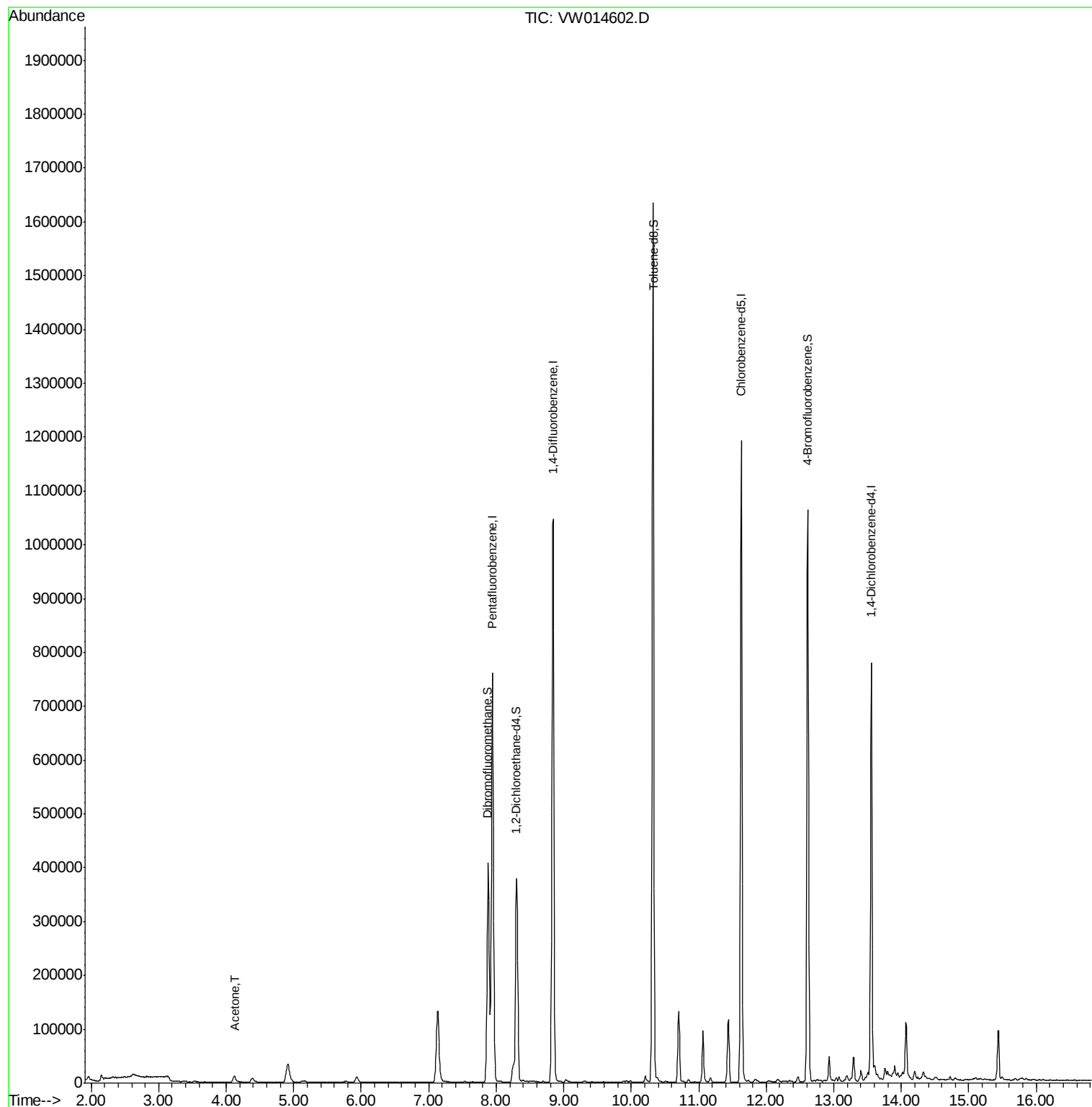
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	604954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	928436	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	694401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	219939	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	299835	56.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.38%	
35) Dibromofluoromethane	7.88	113	298500	56.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.52%	
50) Toluene-d8	10.32	98	1096468	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.62	95	289509	38.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.08%	
Target Compounds						
16) Acetone	4.12	43	21977	14.715	ug/l	Qvalue 98

(#) = 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: VW014602.D

Acq: 10 Jan 2020 16:25

Instrument :

MSVOA_W

ClientSampleId :

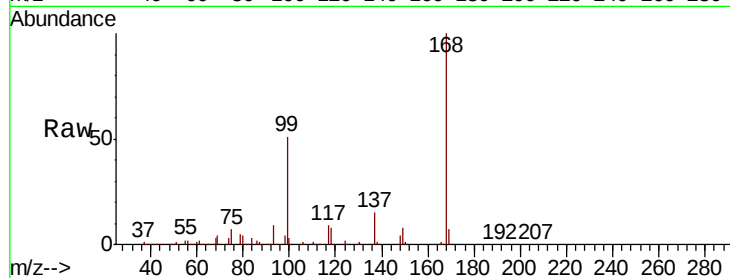
AF-2

Tot Ion:168 Resp: 604954

Ion Ratio Lower Upper

168 100

99 51.1 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

300000

250000

200000

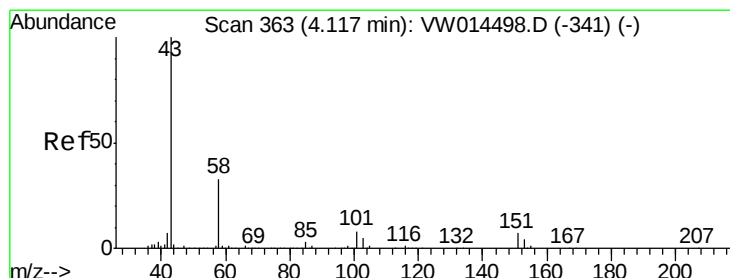
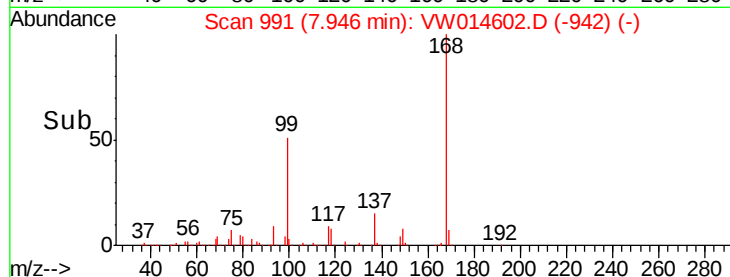
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 14.715 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014602.D

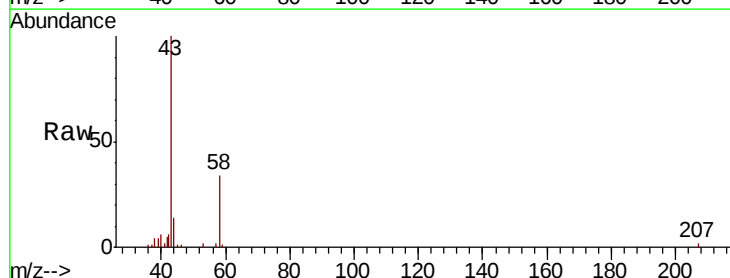
Acq: 10 Jan 2020 16:25

Tgt Ion: 43 Resp: 21977

Ion Ratio Lower Upper

43 100

58 34.1 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

8000

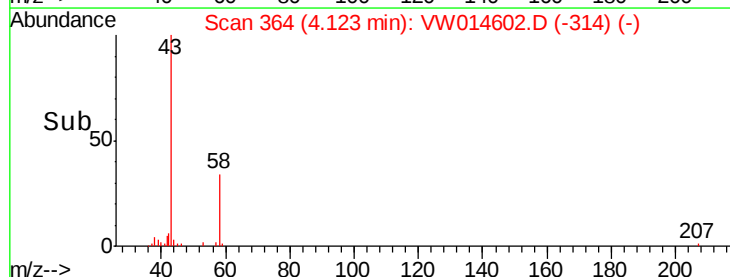
6000

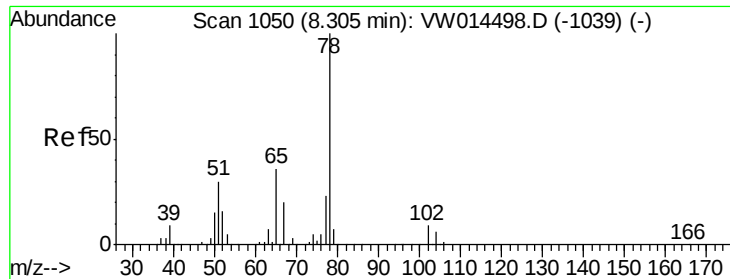
4000

2000

0

Time--> 4.00 4.10 4.20

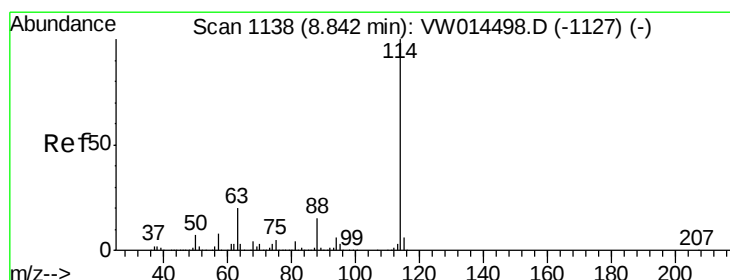
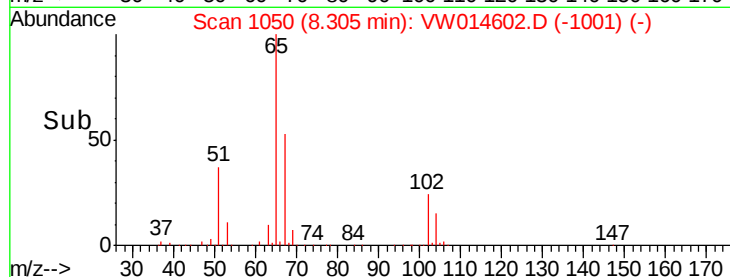
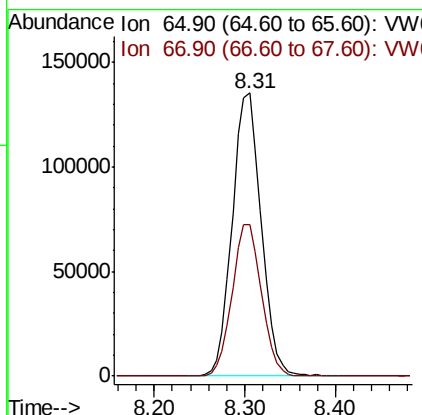
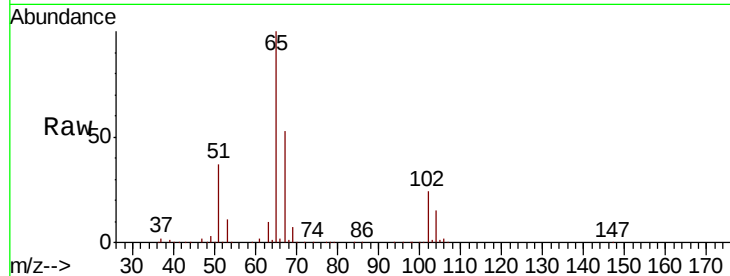




#33
 1,2-Dichloroethane-d4
 Concen: 56.688 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW014602.D
 Acq: 10 Jan 2020 16:25

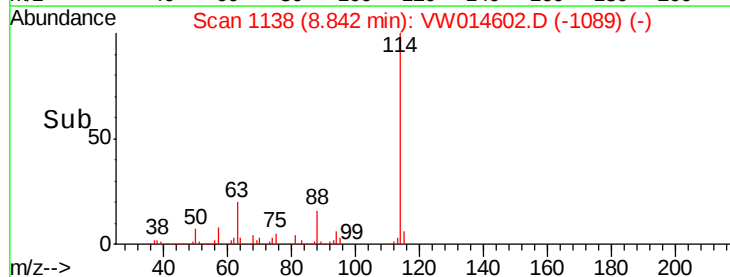
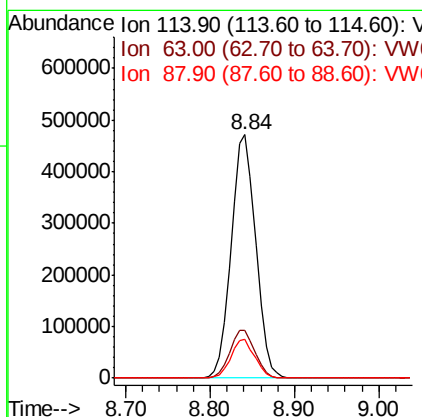
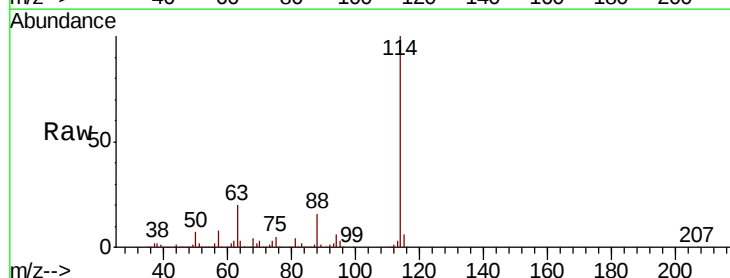
Instrument :
 MSVOA_W
 ClientSampled :
 AF-2

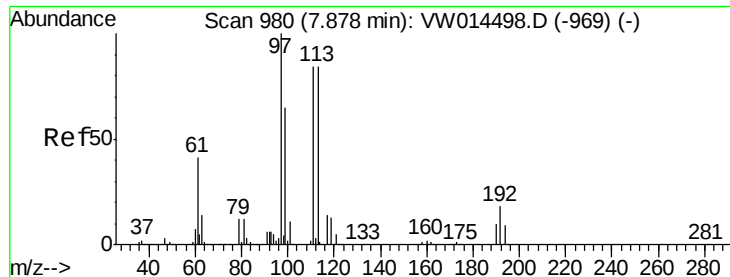
Tot Ion: 65 Resp: 299835
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014602.D
 Acq: 10 Jan 2020 16:25

Tgt Ion: 114 Resp: 928436
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.4
 88 15.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 56.255 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW014602.D

Acq: 10 Jan 2020 16:25

Instrument :

MSVOA_W

ClientSampleId :

AF-2

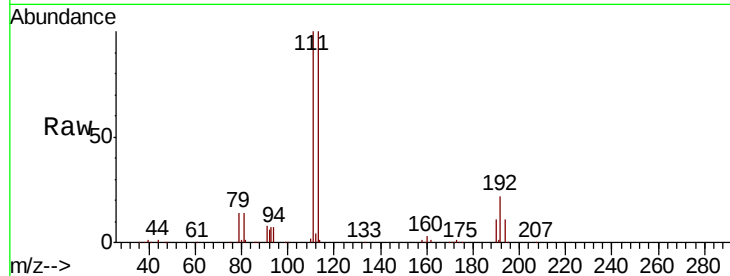
Tot Ion:113 Resp: 298500

Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.2

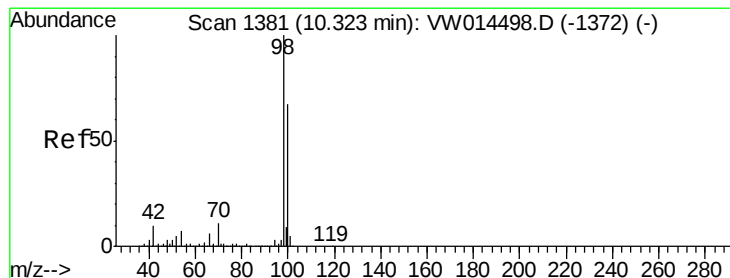
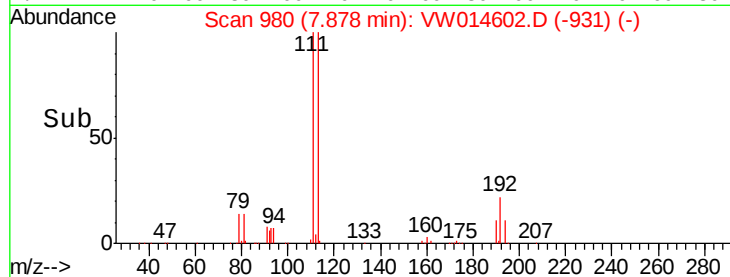
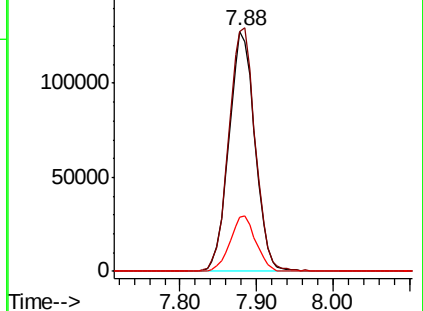
192 22.9 17.8 26.8



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: 49.515 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW014602.D

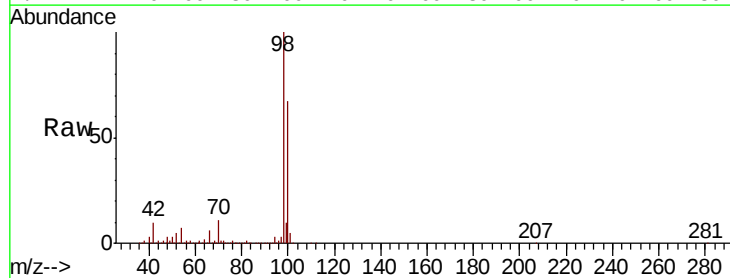
Acq: 10 Jan 2020 16:25

Tgt Ion: 98 Resp: 1096468

Ion Ratio Lower Upper

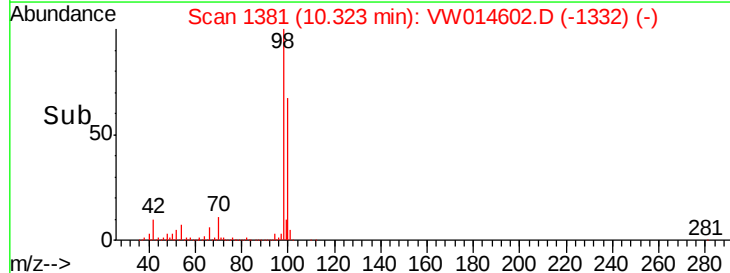
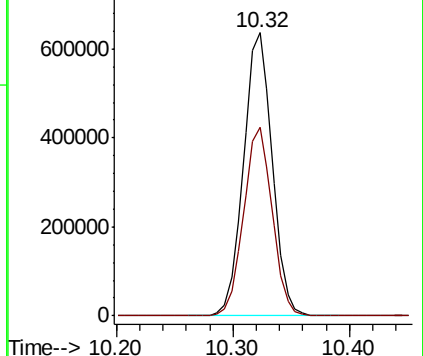
98 100

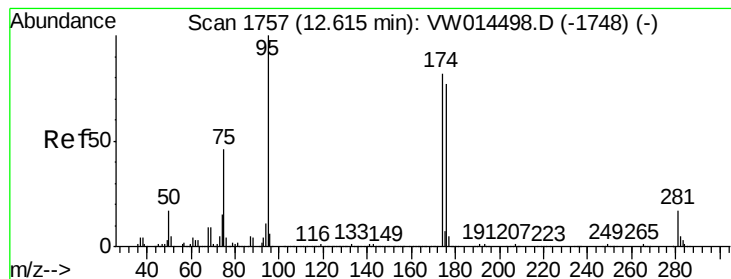
100 66.3 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 38.545 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW014602.D

Acq: 10 Jan 2020 16:25

Instrument :

MSVOA_W

ClientSampleId :

AF-2

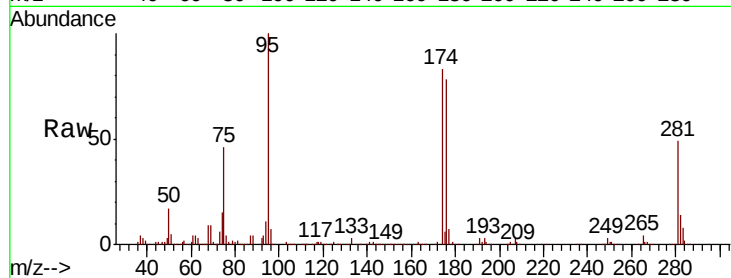
Tot Ion: 95 Resp: 289509

Ion Ratio Lower Upper

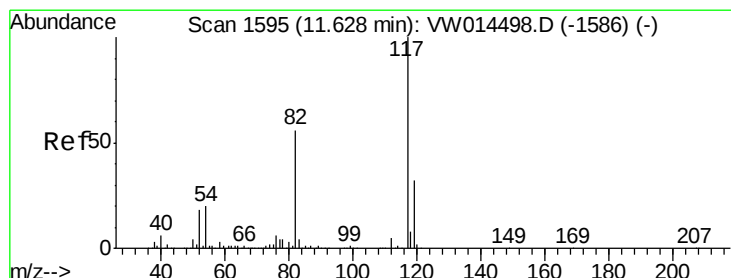
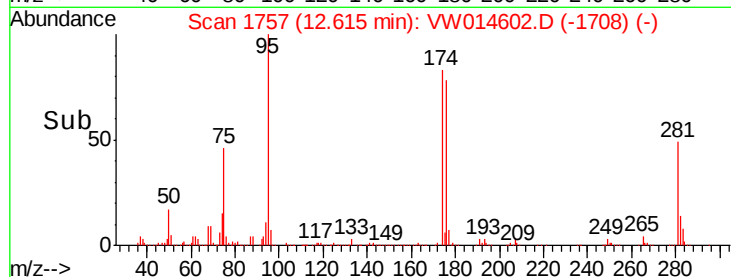
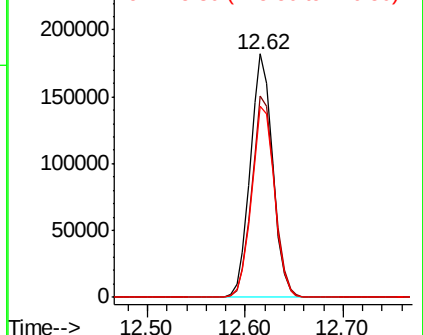
95 100

174 83.9 0.0 168.6

176 80.0 0.0 162.0



Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VW014602.D

Acq: 10 Jan 2020 16:25

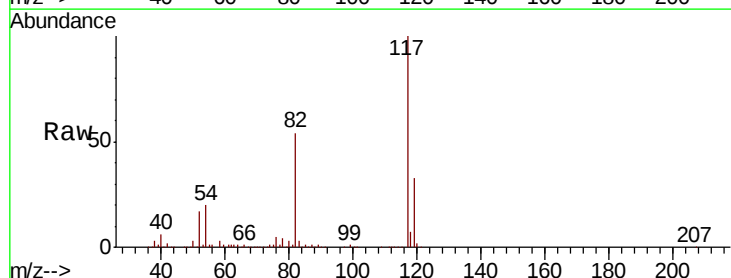
Tgt Ion: 117 Resp: 694401

Ion Ratio Lower Upper

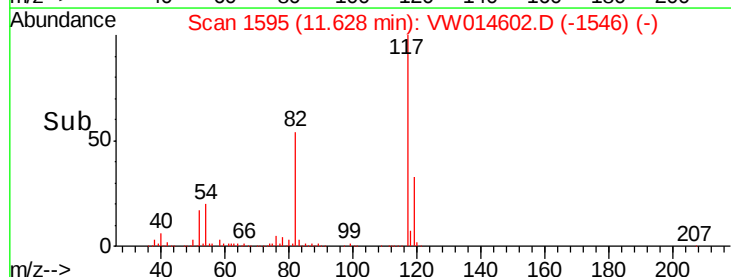
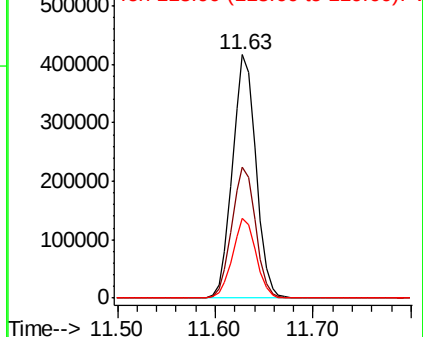
117 100

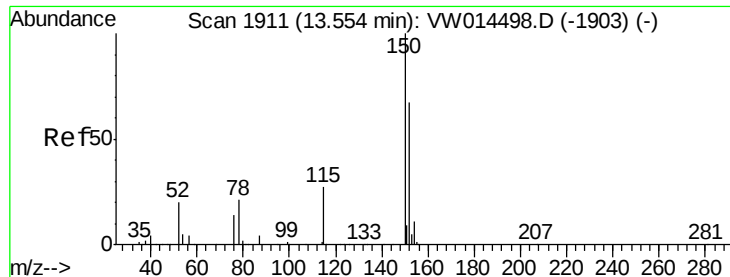
82 53.8 44.6 67.0

119 32.7 25.7 38.5



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

Lab File: VW014602.D

Acq: 10 Jan 2020 16:25

Instrument :

MSVOA_W

ClientSampleId :

AF-2

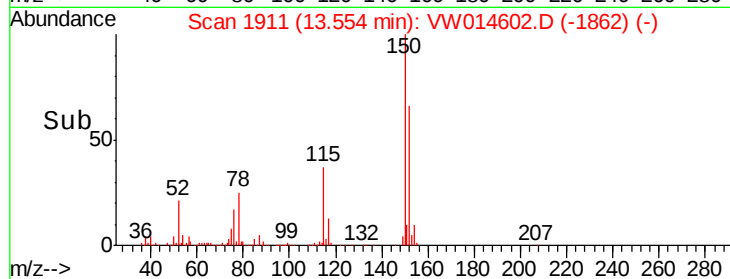
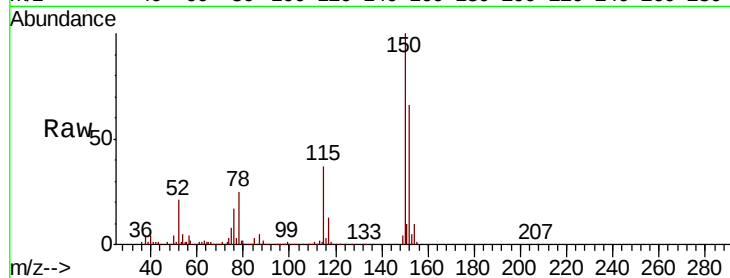
Tot Ion:152 Resp: 219939

Ion Ratio Lower Upper

152 100

115 55.7 27.7 83.1

150 154.7 0.0 343.4



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

