

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062420\
 Data File : VW015691.D
 Acq On : 24 Jun 2020 18:51
 Operator : SY/VA
 Sample : L3082-19
 Misc : 5.82G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-20

Quant Time: Jun 25 03:31:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

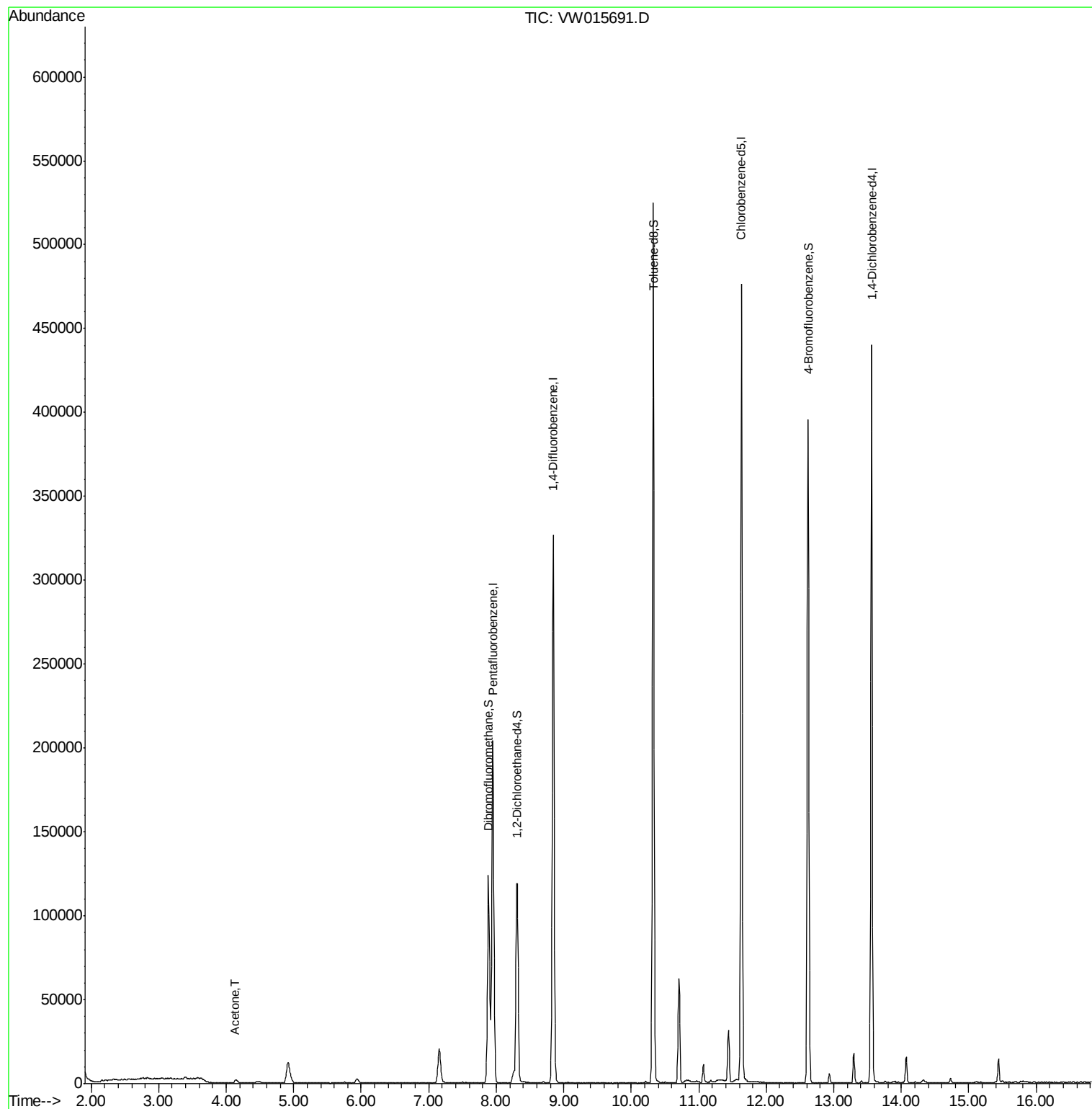
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	147550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	268314	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	251139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	109997	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	99692	60.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.46%	
35) Dibromofluoromethane	7.88	113	85857	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
50) Toluene-d8	10.32	98	335186	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
62) 4-Bromofluorobenzene	12.62	95	113818	46.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.06%	
Target Compounds						
16) Acetone	4.14	43	3902	12.503	ug/l	Qvalue 89

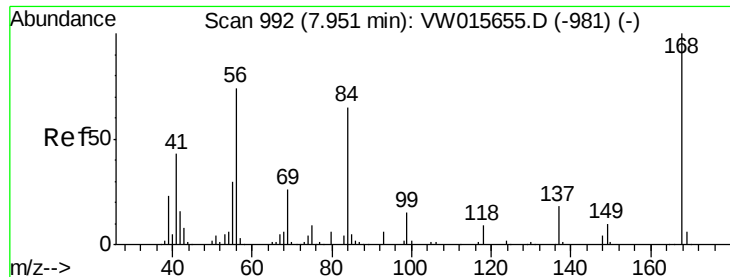
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

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MSVOA_W

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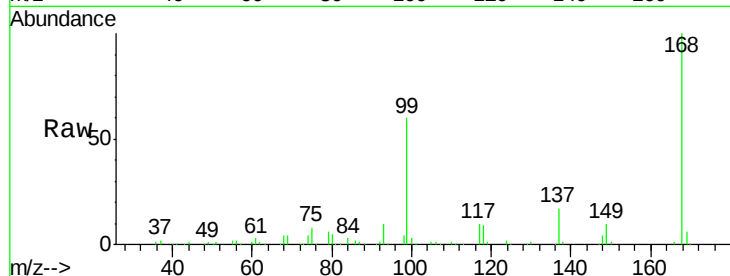
SB-20

Tot Ion:168 Resp: 147550

Ion Ratio Lower Upper

168 100

99 59.5 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

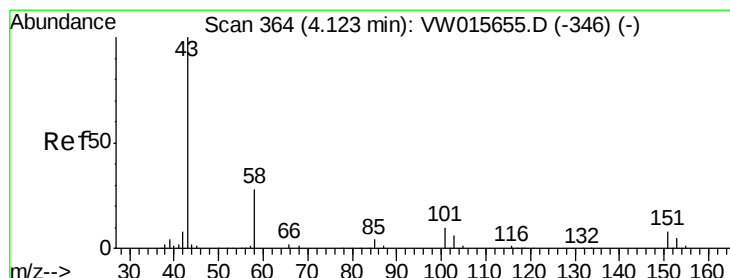
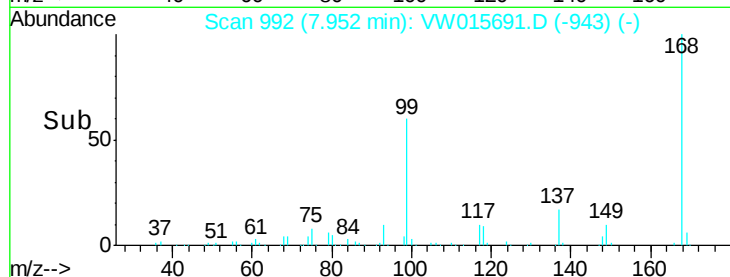
40000

20000

0

Time-->

7.90 8.00



#16

Acetone

Concen: 12.503 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW015691.D

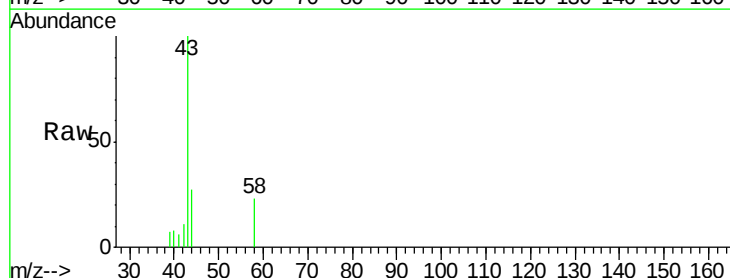
Acq: 24 Jun 2020 18:51

Tgt Ion: 43 Resp: 3902

Ion Ratio Lower Upper

43 100

58 22.6 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

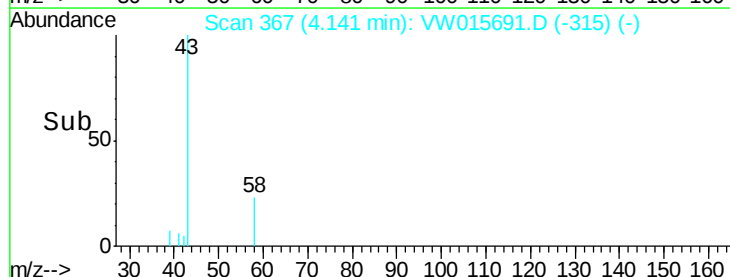
1000

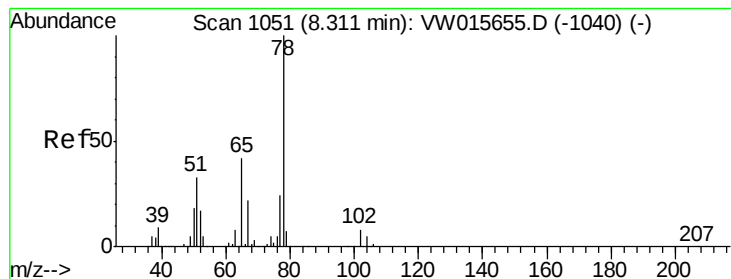
500

0

Time-->

4.05 4.10 4.15 4.20 4.25





#33

1,2-Dichloroethane-d4

Concen: 60.725 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015691.D

Acq: 24 Jun 2020 18:51

Instrument :

MSVOA_W

ClientSampleId :

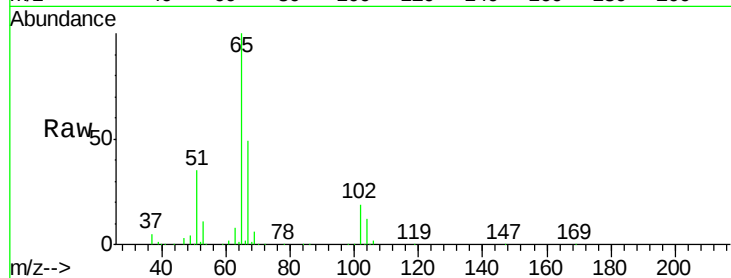
SB-20

Tot Ion: 65 Resp: 99692

Ion Ratio Lower Upper

65 100

67 50.4 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

50000

40000

30000

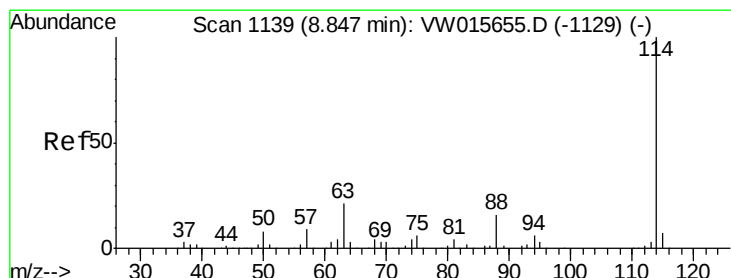
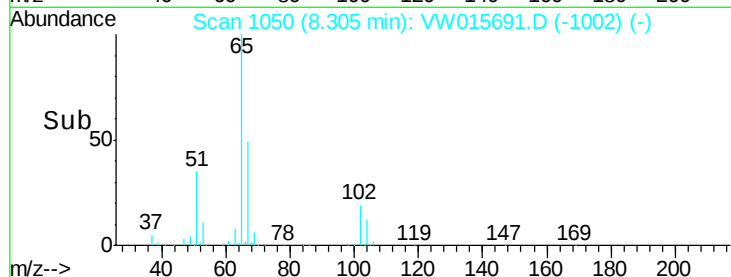
20000

10000

0

Time-->

8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW015691.D

Acq: 24 Jun 2020 18:51

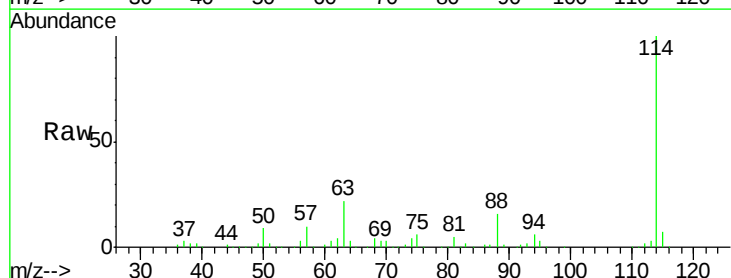
Tgt Ion: 114 Resp: 268314

Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.4

88 15.6 0.0 32.6



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

150000

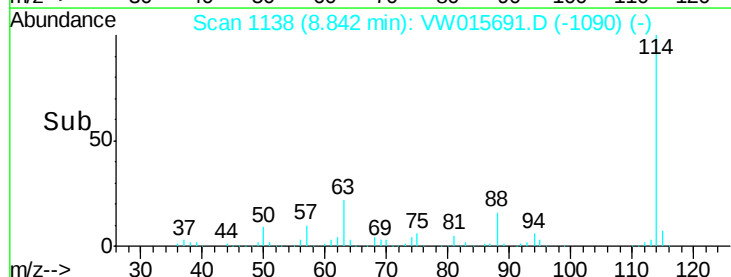
100000

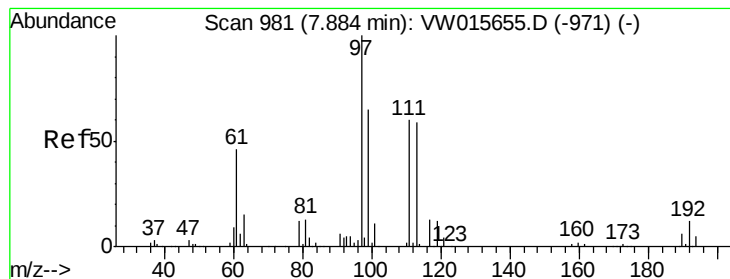
50000

0

Time-->

8.70 8.80 8.90 9.00





#35

Dibromofluoromethane

Concen: 50.870 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015691.D

Acq: 24 Jun 2020 18:51

Instrument :

MSVOA_W

ClientSampleId :

SB-20

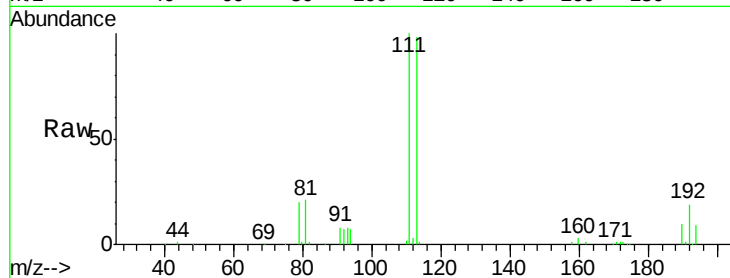
Tot Ion:113 Resp: 85857

Ion Ratio Lower Upper

113 100

111 102.5 82.3 123.5

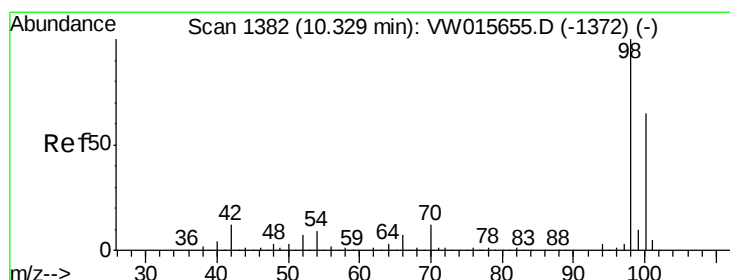
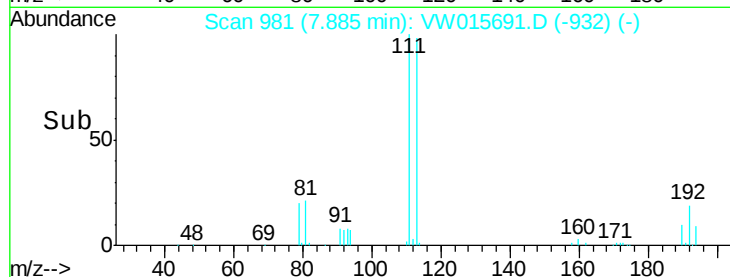
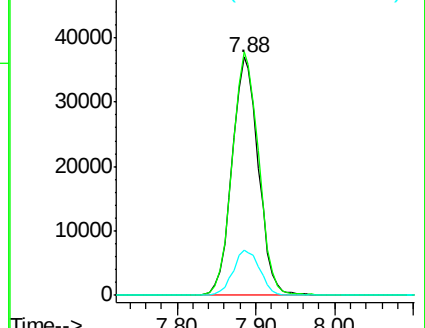
192 19.2 16.4 24.6



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: 50.464 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015691.D

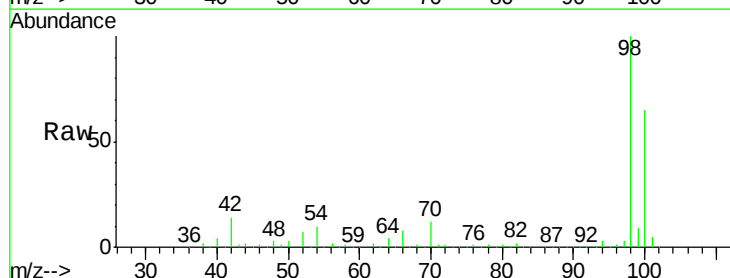
Acq: 24 Jun 2020 18:51

Tgt Ion: 98 Resp: 335186

Ion Ratio Lower Upper

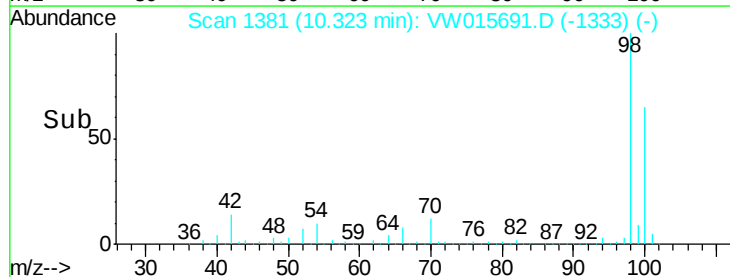
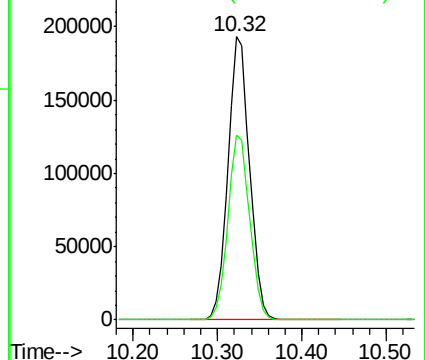
98 100

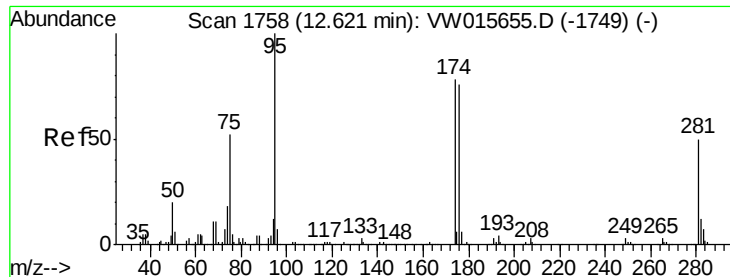
100 65.7 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

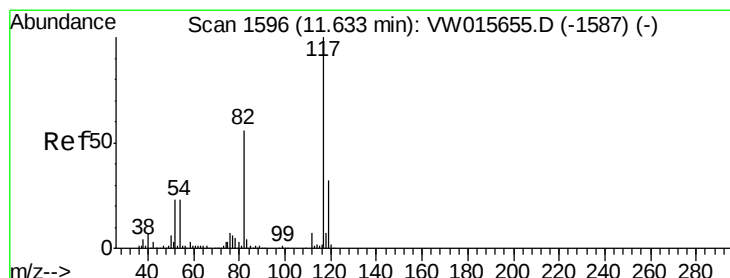
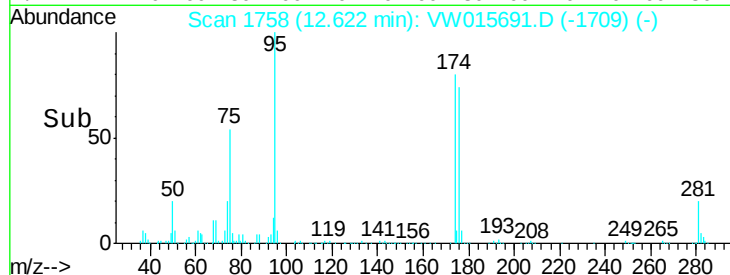
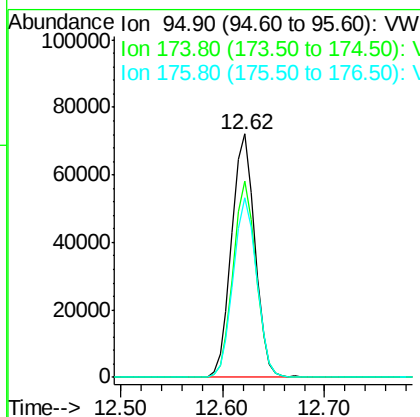
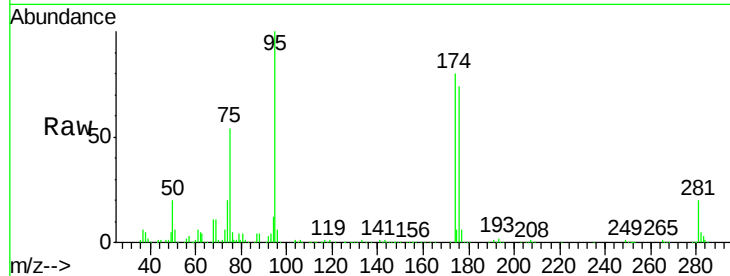




#62
4-Bromofluorobenzene
Concen: 46.530 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW015691.D
Acq: 24 Jun 2020 18:51

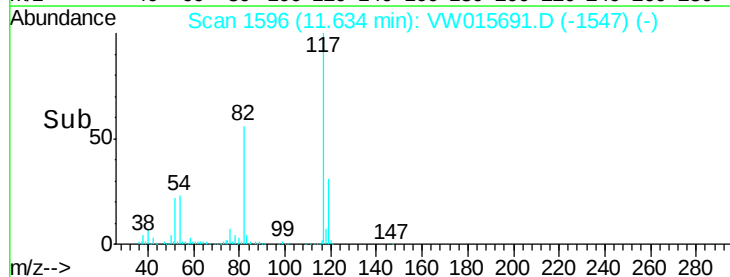
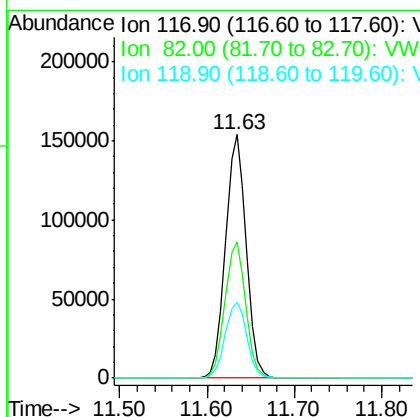
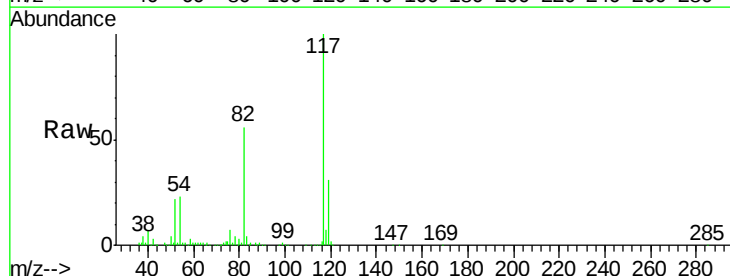
Instrument :
MSVOA_W
ClientSampled :
SB-20

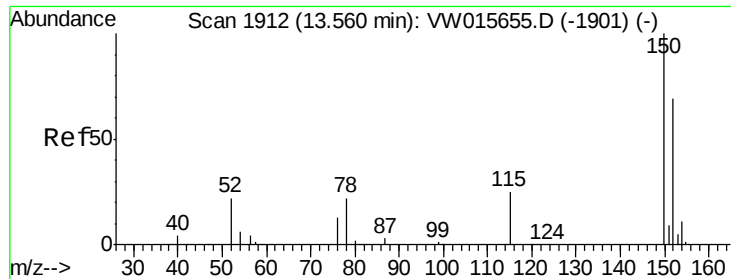
Tot Ion: 95 Resp: 113818
Ion Ratio Lower Upper
95 100
174 78.7 0.0 157.0
176 74.0 0.0 151.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015691.D
Acq: 24 Jun 2020 18:51

Tgt Ion: 117 Resp: 251139
Ion Ratio Lower Upper
117 100
82 55.8 45.1 67.7
119 31.2 25.8 38.8

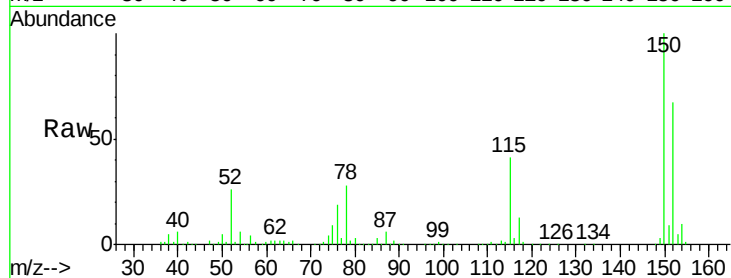




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: VW015691.D
 Acq: 24 Jun 2020 18:51

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-20

Tot Ion:152 Resp: 109997
 Ion Ratio Lower Upper
 152 100
 115 59.2 30.1 90.5
 150 158.4 0.0 345.6



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

