

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062420\
 Data File : VW015711.D
 Acq On : 25 Jun 2020 04:34
 Operator : SY/VA
 Sample : L3094-02
 Misc : 6.04G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2020-06-22-FD04

Quant Time: Jun 25 05:36:48 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	173430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	314358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	305405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	128884	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	116181	60.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.42%	
35) Dibromofluoromethane	7.88	113	96364	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
50) Toluene-d8	10.32	98	405131	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
62) 4-Bromofluorobenzene	12.62	95	137351	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	

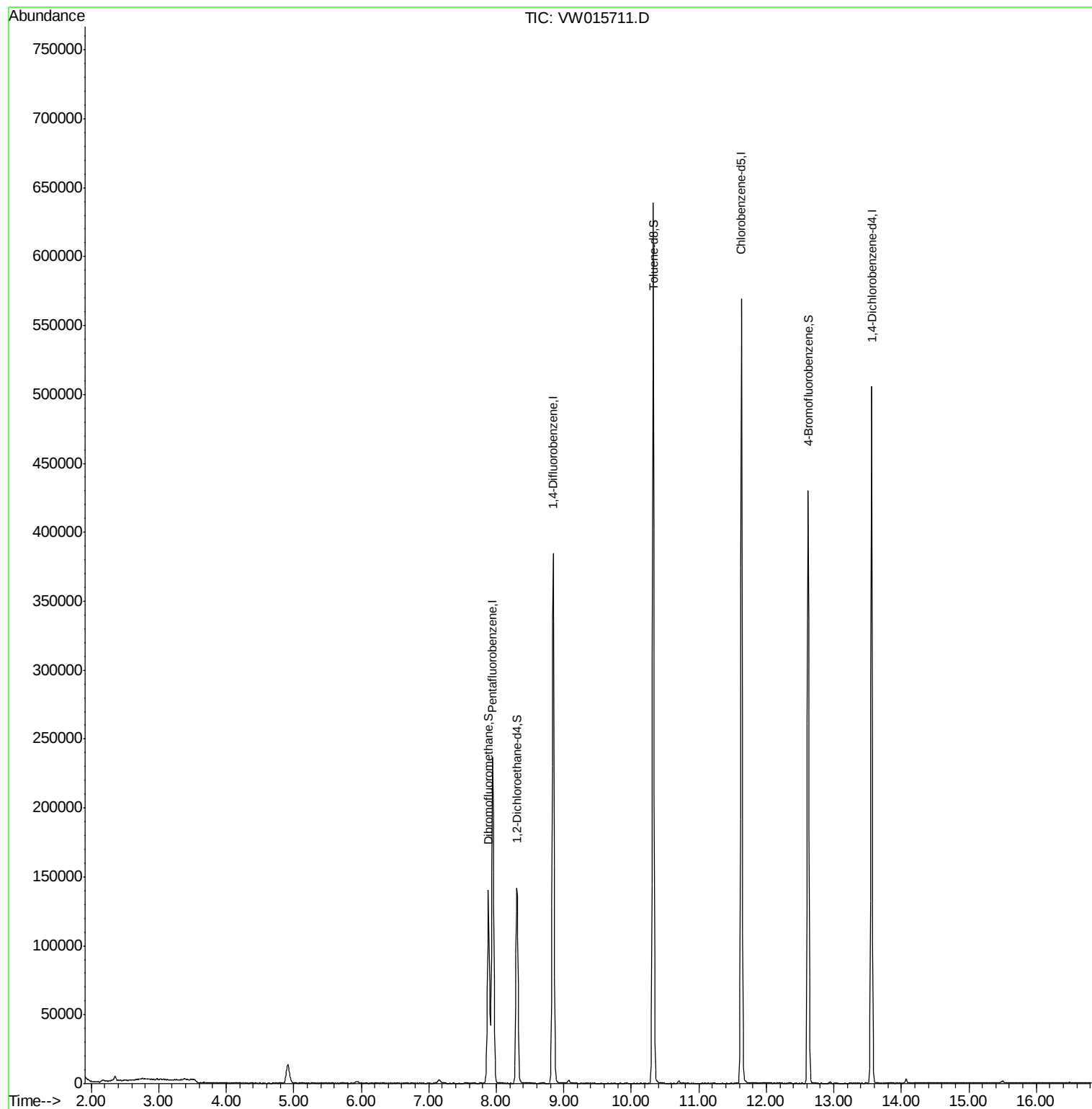
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015711.D

Acq: 25 Jun 2020 04:34

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MSVOA_W

ClientSampleId :

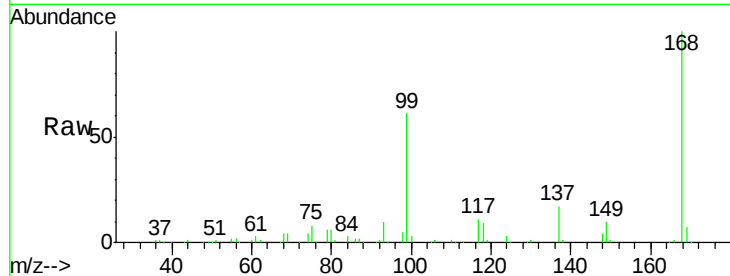
2020-06-22-FD04

Tot Ion:168 Resp: 173430

Ion Ratio Lower Upper

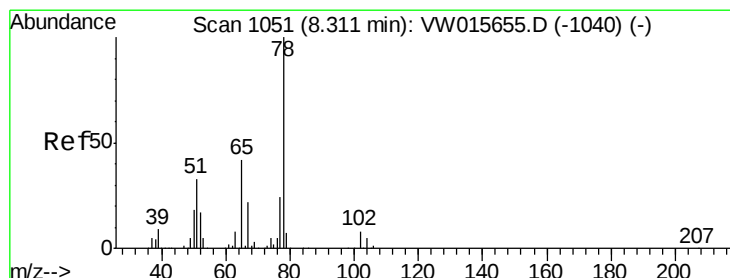
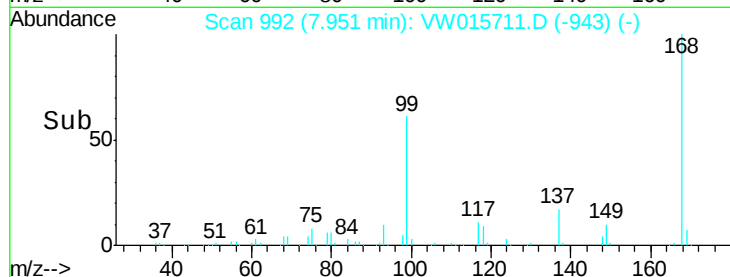
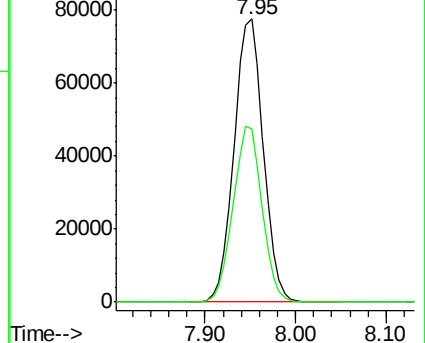
168 100

99 61.3 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 60.208 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015711.D

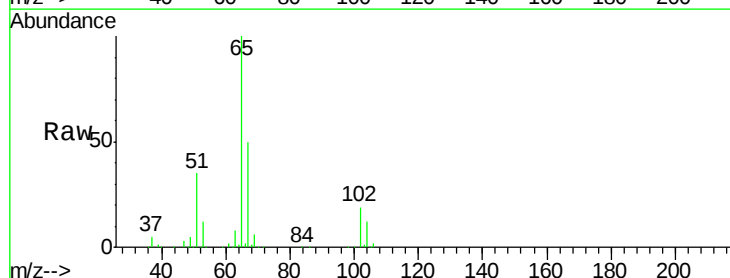
Acq: 25 Jun 2020 04:34

Tgt Ion: 65 Resp: 116181

Ion Ratio Lower Upper

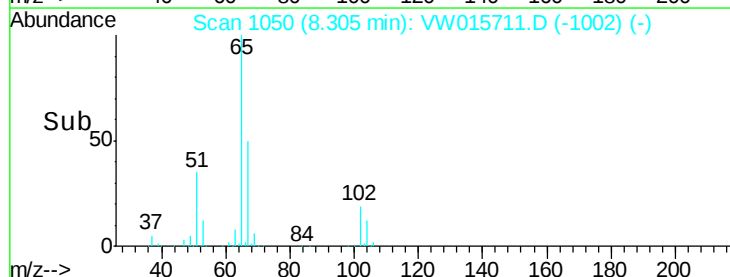
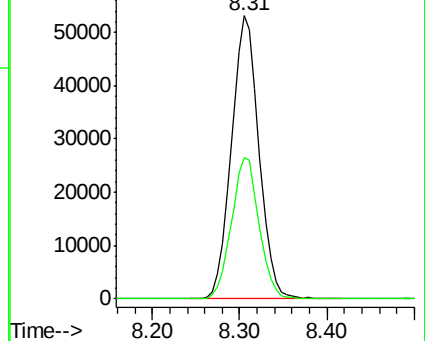
65 100

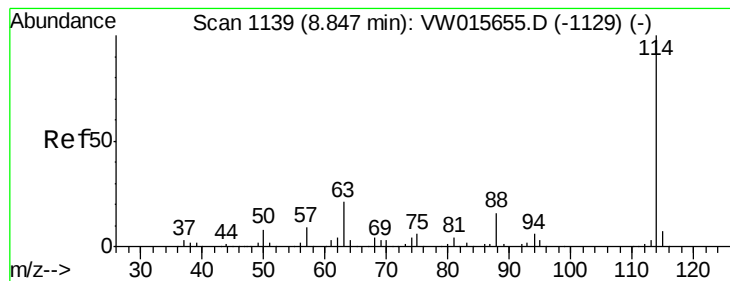
67 50.2 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW015711.D

Acq: 25 Jun 2020 04:34

Instrument :

MSVOA_W

ClientSampleId :

2020-06-22-FD04

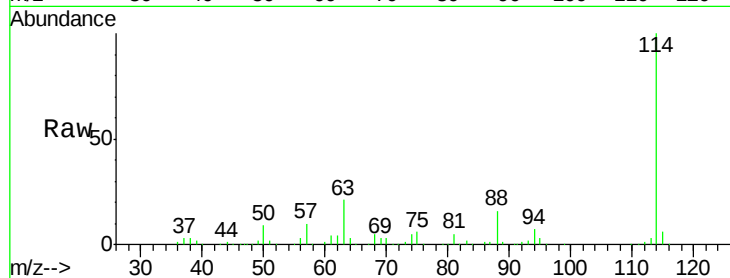
Tot Ion:114 Resp: 314358

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.4

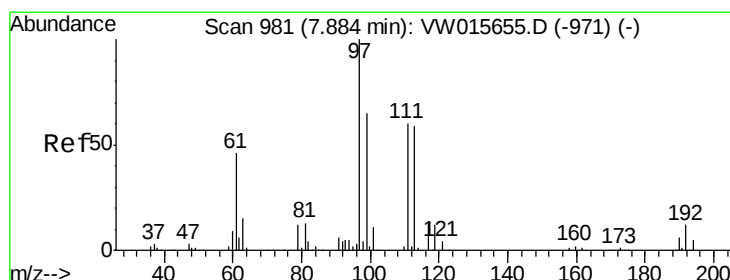
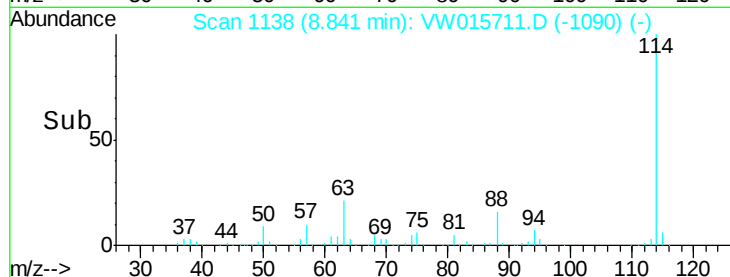
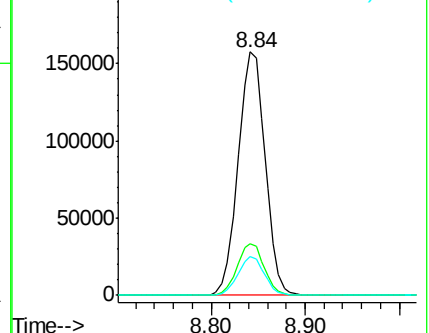
88 16.1 0.0 32.6



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



#35

Dibromofluoromethane

Concen: 48.733 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015711.D

Acq: 25 Jun 2020 04:34

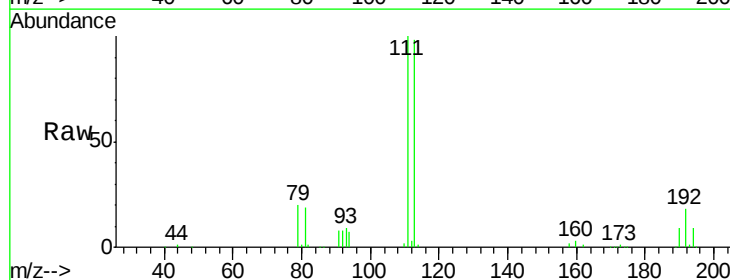
Tgt Ion:113 Resp: 96364

Ion Ratio Lower Upper

113 100

111 103.7 82.3 123.5

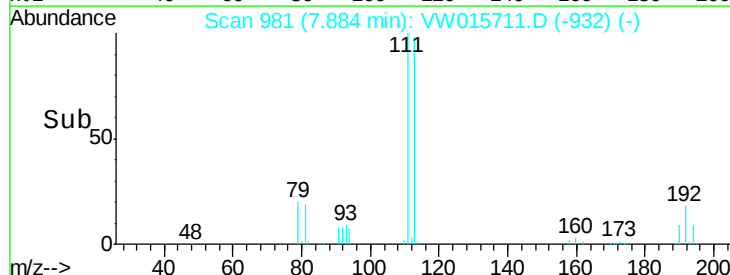
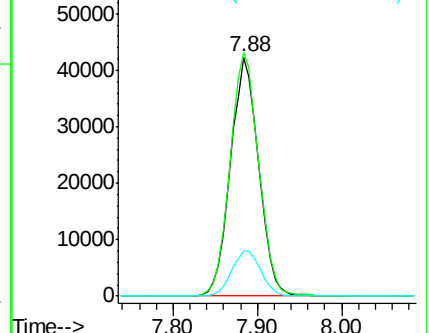
192 19.7 16.4 24.6

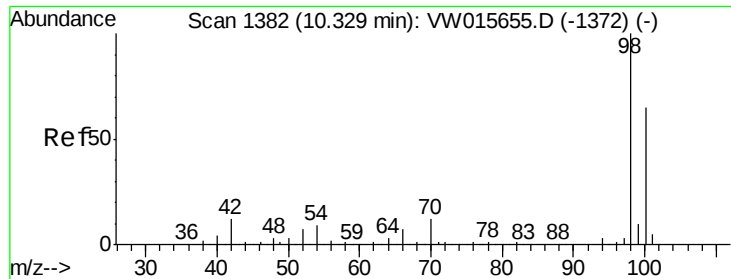


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

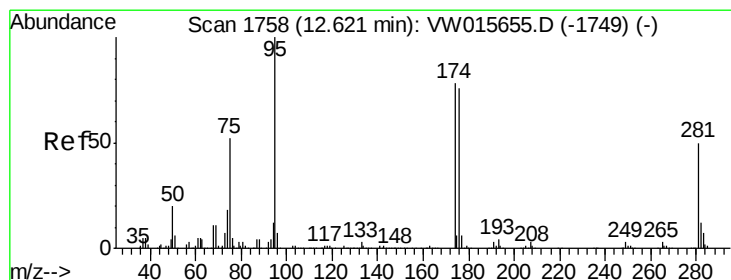
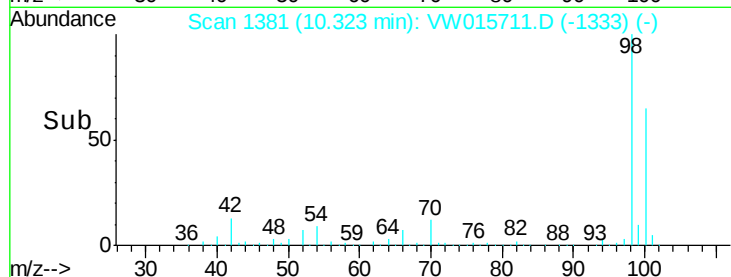
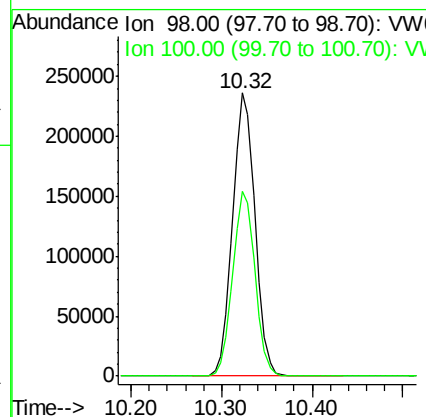
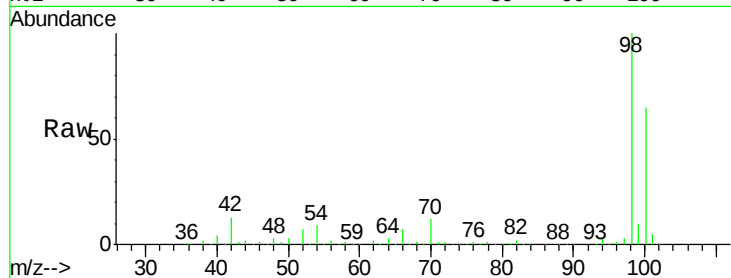




#50
Toluene-d8
Concen: 52.061 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW015711.D
Acq: 25 Jun 2020 04:34

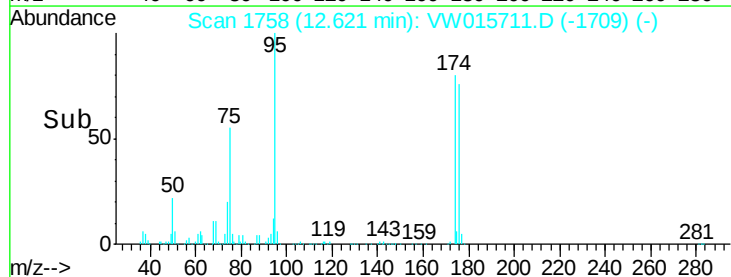
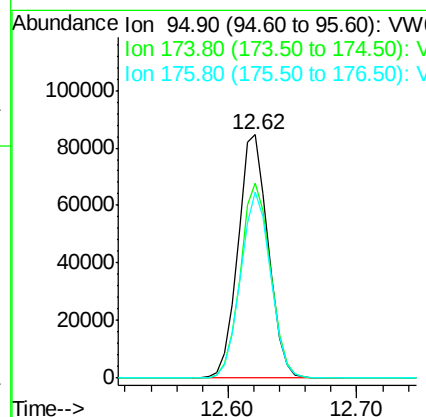
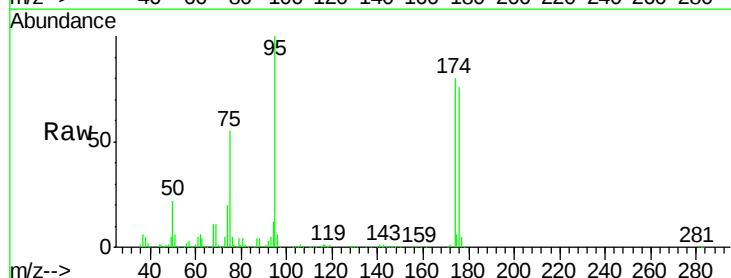
Instrument :
MSVOA_W
ClientSampleId :
2020-06-22-FD04

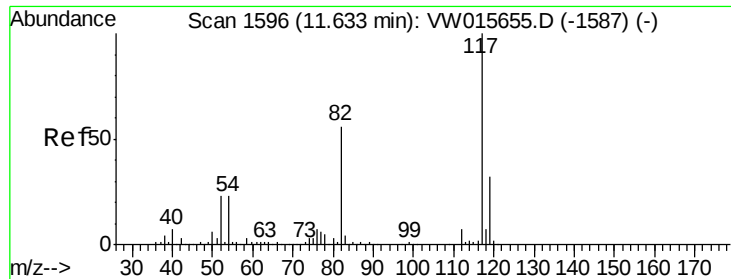
Tot Ion: 98 Resp: 405131
Ion Ratio Lower Upper
98 100
100 64.9 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 47.927 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW015711.D
Acq: 25 Jun 2020 04:34

Tgt Ion: 95 Resp: 137351
Ion Ratio Lower Upper
95 100
174 80.0 0.0 157.0
176 75.8 0.0 151.4

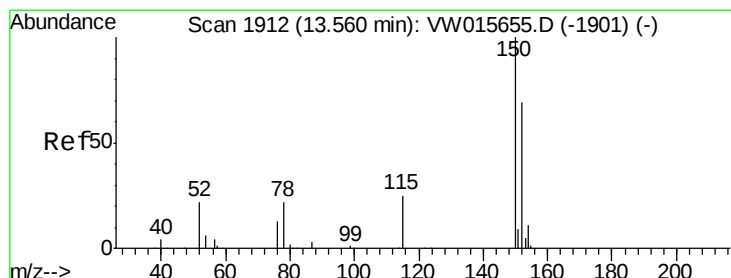
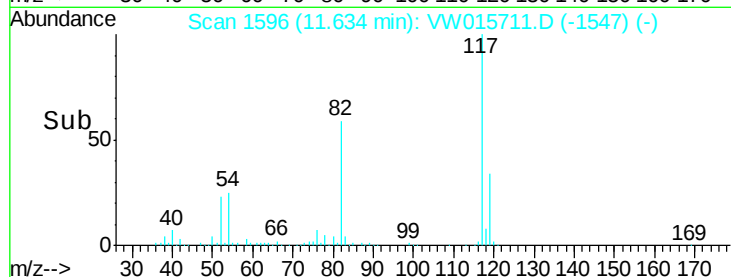
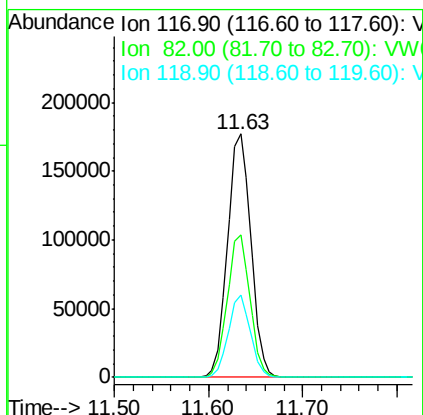
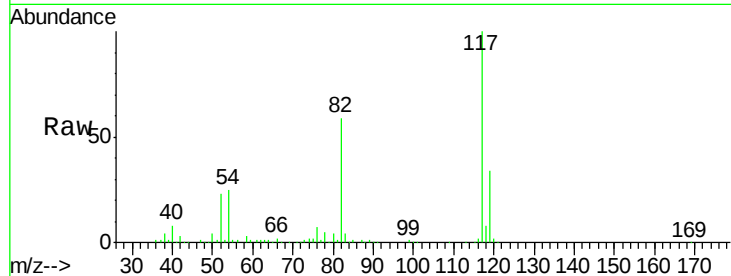




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015711.D
Acq: 25 Jun 2020 04:34

Instrument :
MSVOA_W
ClientSampleId :
2020-06-22-FD04

Tot Ion:117 Resp: 305405
Ion Ratio Lower Upper
117 100
82 58.7 45.1 67.7
119 33.9 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: VW015711.D
Acq: 25 Jun 2020 04:34

Tgt Ion:152 Resp: 128884
Ion Ratio Lower Upper
152 100
115 59.1 30.1 90.5
150 157.1 0.0 345.6

