

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011119\
 Data File : VW008215.D
 Acq On : 12 Jan 2019 02:44
 Operator : SY/VA
 Sample : VW0111SBL02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBL02

Quant Time: Jan 12 03:29:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	91447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	165142	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	152311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	67690	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	53235	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
35) Dibromofluoromethane	7.88	113	50560	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
50) Toluene-d8	10.32	98	208480	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
62) 4-Bromofluorobenzene	12.62	95	70115	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	

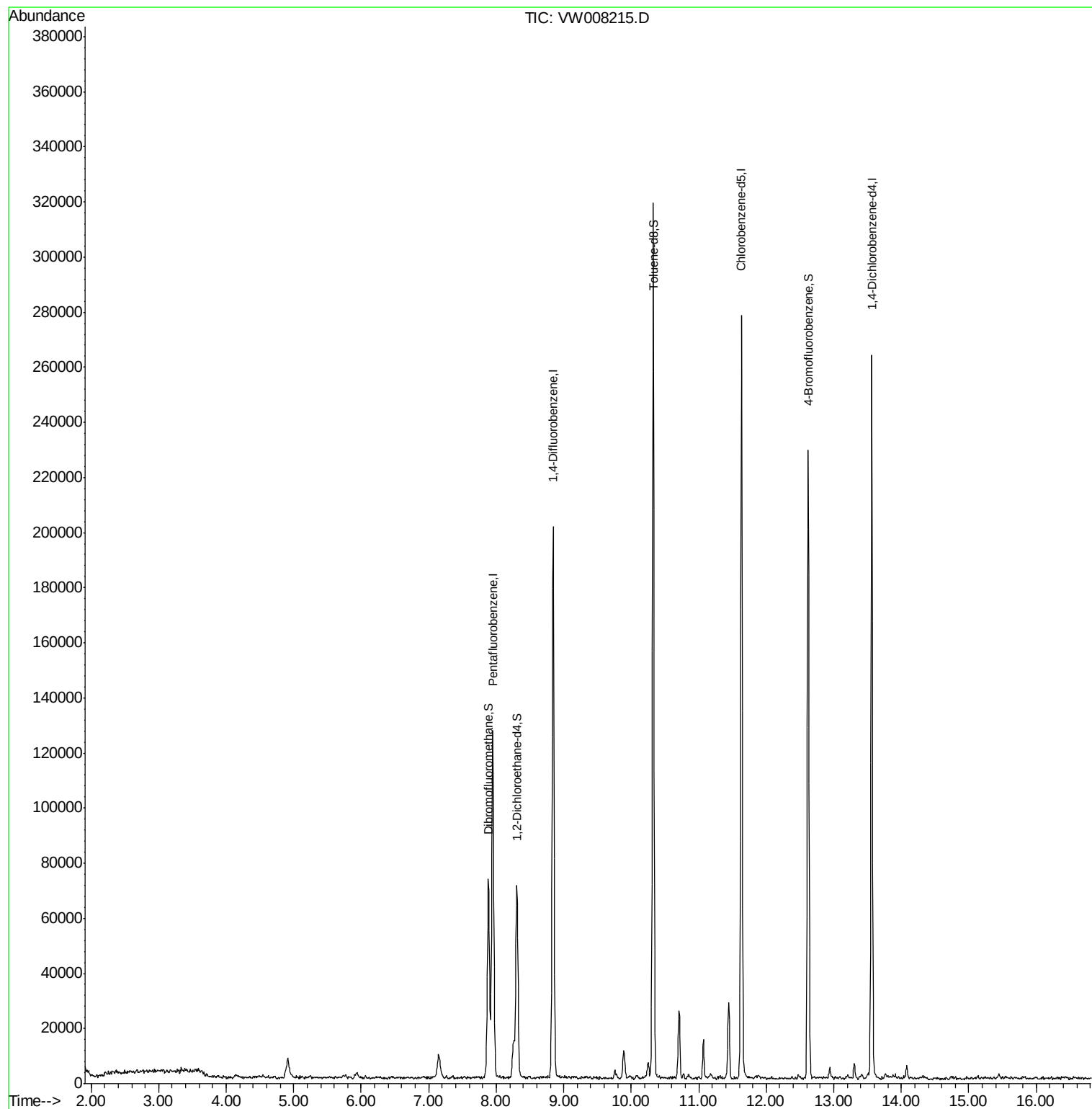
Target Compounds	Qvalue

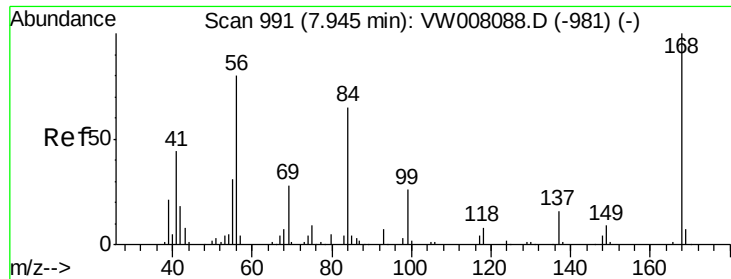
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008215.D

Acq: 12 Jan 2019 02:44

Instrument :

MSVOA_W

ClientSampleId :

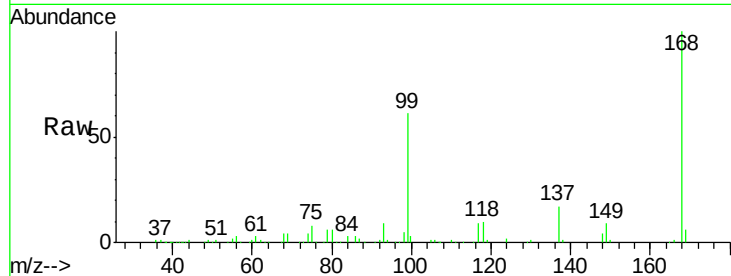
VW0111SBL02

Tot Ion:168 Resp: 91447

Ion Ratio Lower Upper

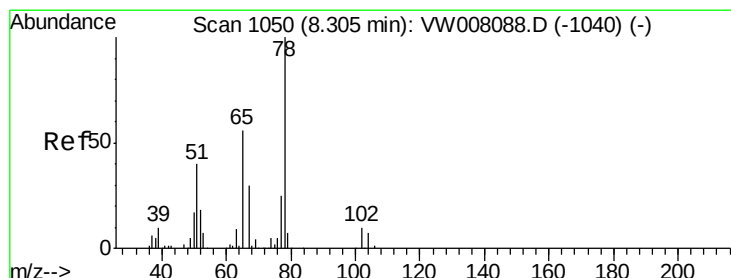
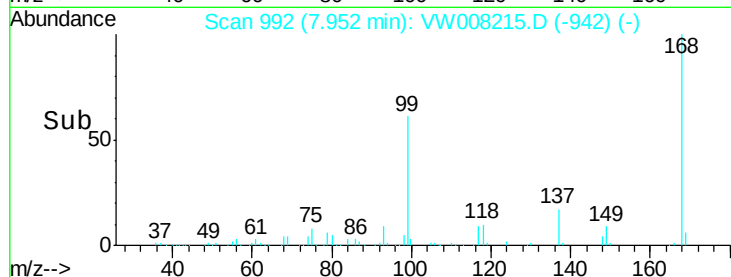
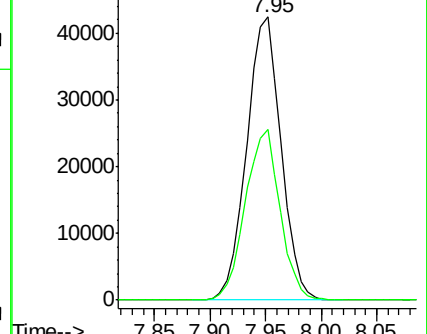
168 100

99 60.4 52.6 78.8



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: 51.796 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008215.D

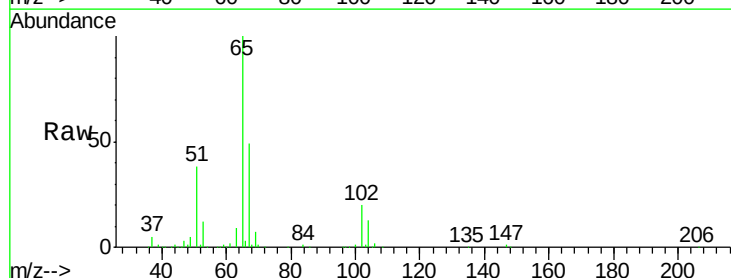
Acq: 12 Jan 2019 02:44

Tgt Ion: 65 Resp: 53235

Ion Ratio Lower Upper

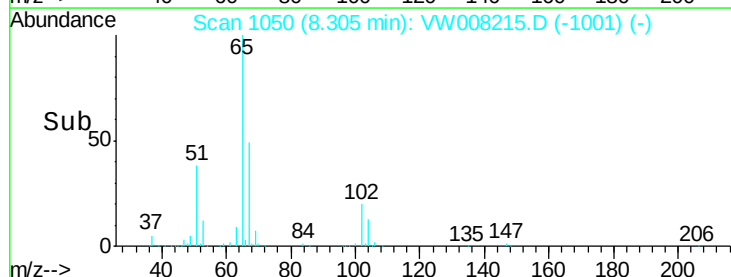
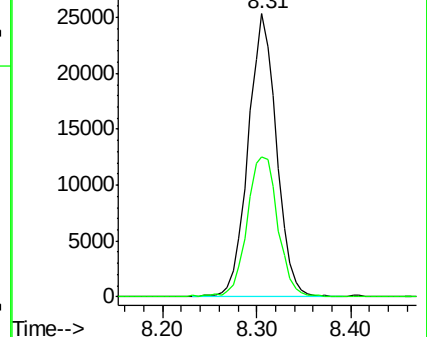
65 100

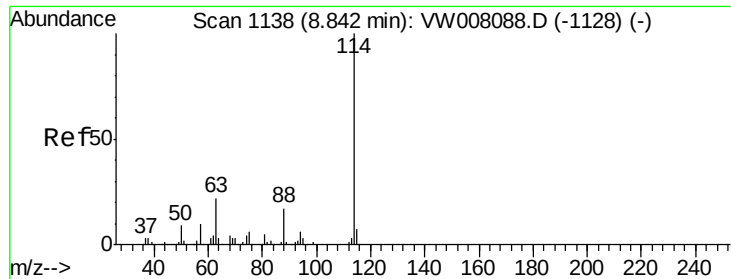
67 54.1 0.0 106.8



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. 0.00 min

Lab File: VW008215.D

Acq: 12 Jan 2019 02:44

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBL02

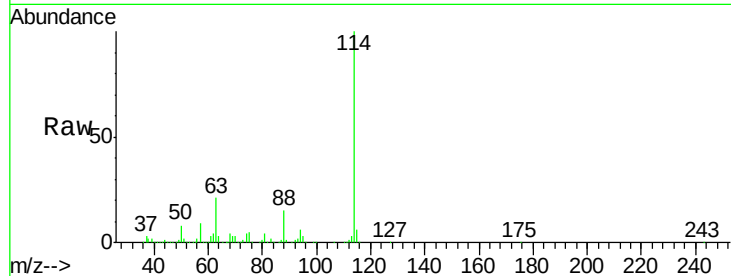
Tot Ion:114 Resp: 165142

Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.4

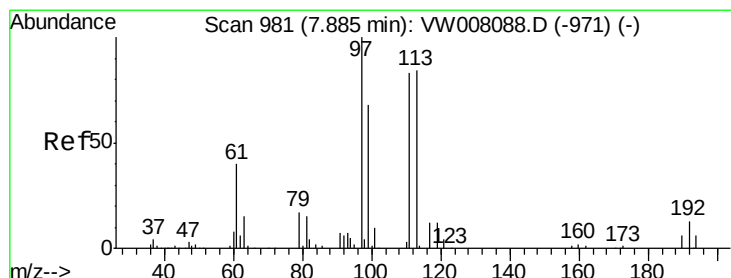
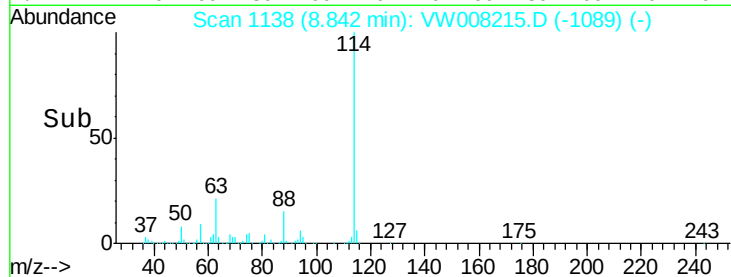
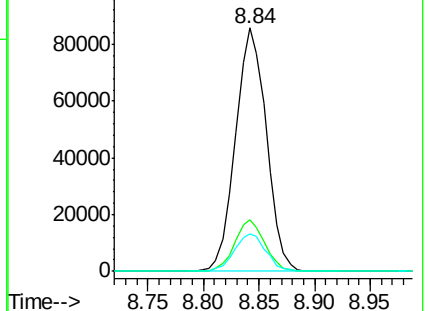
88 15.2 0.0 33.4



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: 52.493 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008215.D

Acq: 12 Jan 2019 02:44

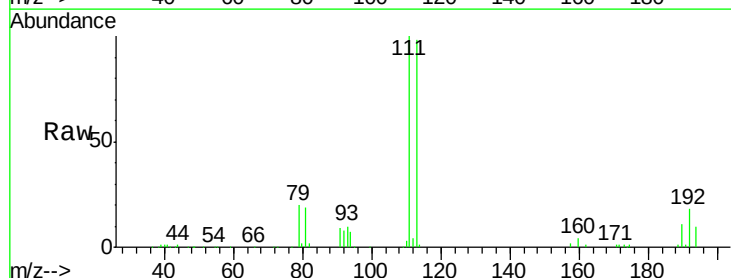
Tgt Ion:113 Resp: 50560

Ion Ratio Lower Upper

113 100

111 103.8 81.8 122.8

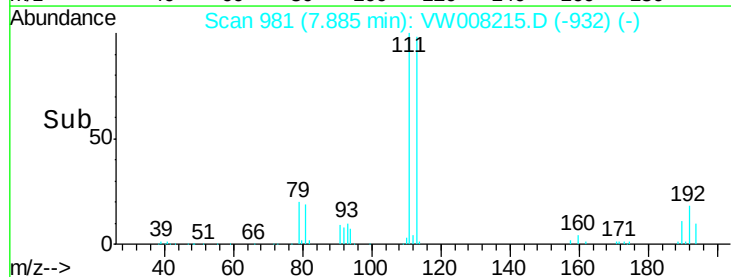
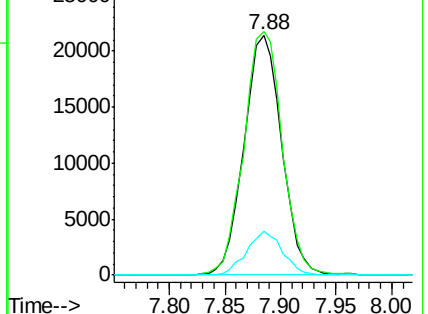
192 17.5 12.8 19.2

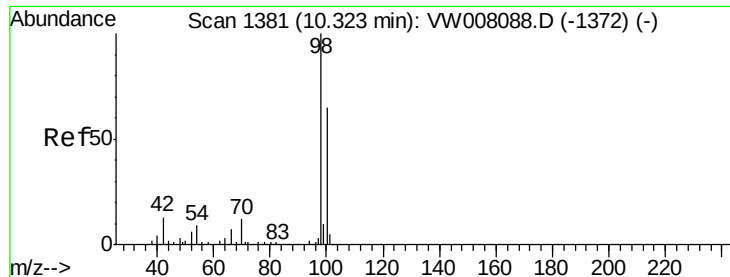


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.580 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008215.D

Acq: 12 Jan 2019 02:44

Instrument :

MSVOA_W

ClientSampled :

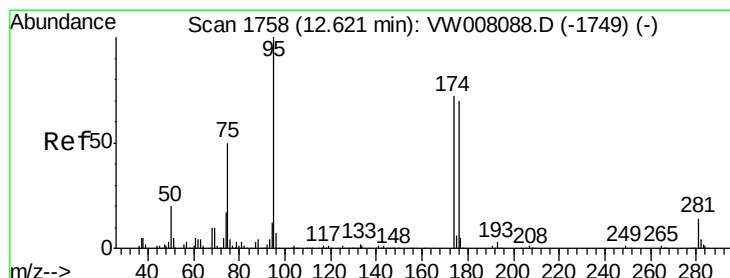
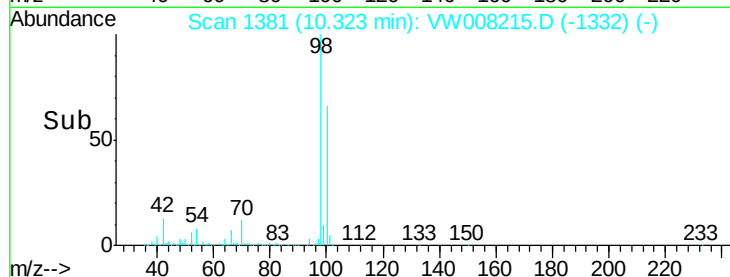
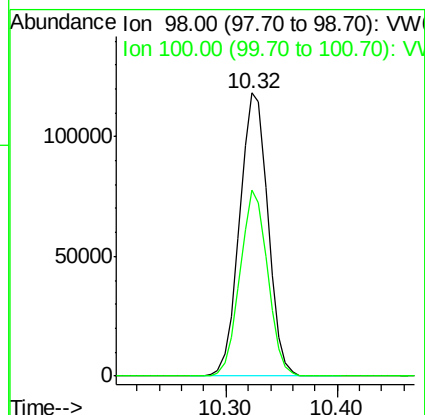
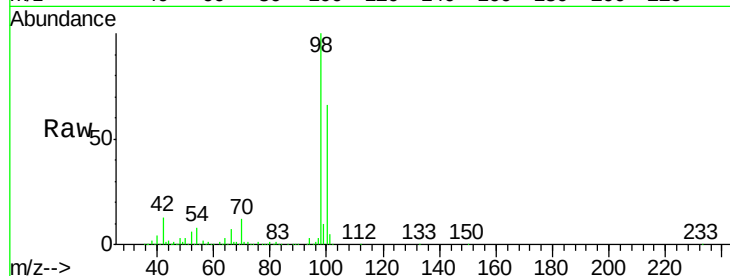
VW0111SBL02

Tot Ion: 98 Resp: 208480

Ion Ratio Lower Upper

98 100

100 64.5 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 48.389 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008215.D

Acq: 12 Jan 2019 02:44

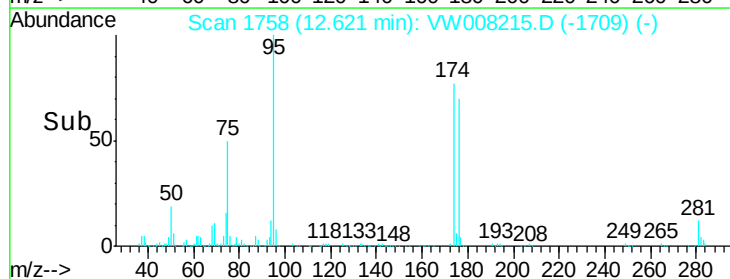
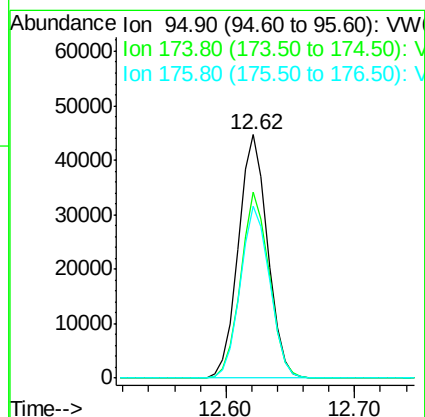
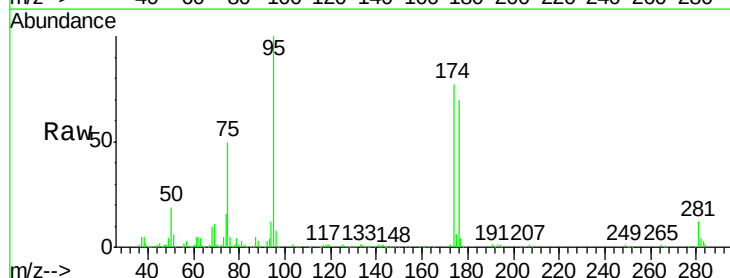
Tgt Ion: 95 Resp: 70115

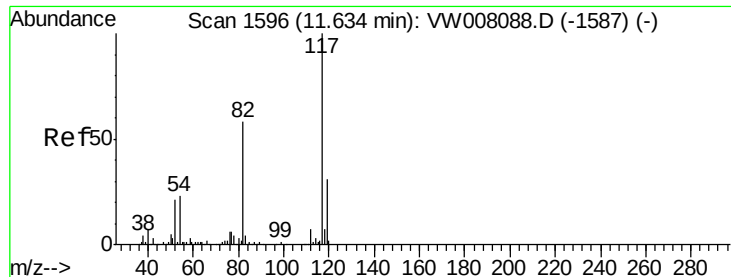
Ion Ratio Lower Upper

95 100

174 74.7 0.0 143.0

176 70.9 0.0 140.2

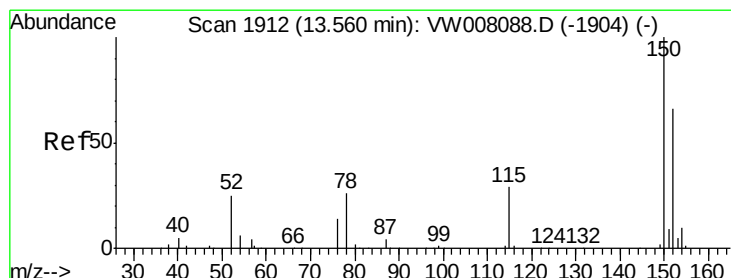
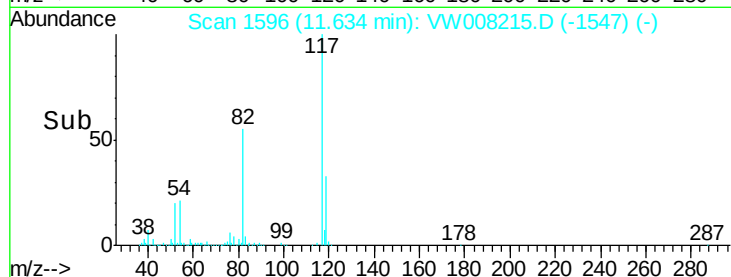
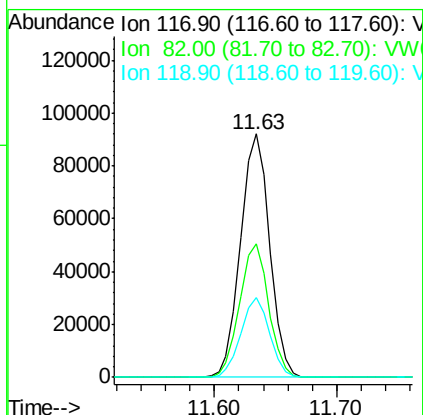
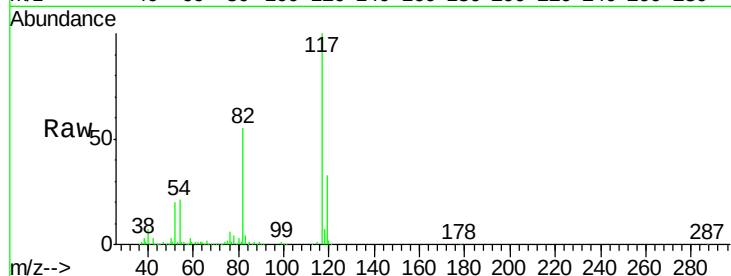




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008215.D
Acq: 12 Jan 2019 02:44

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBL02

Tot Ion:117 Resp: 152311
Ion Ratio Lower Upper
117 100
82 54.9 46.4 69.6
119 32.6 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008215.D
Acq: 12 Jan 2019 02:44

Tgt Ion:152 Resp: 67690
Ion Ratio Lower Upper
152 100
115 60.1 30.8 92.4
150 155.2 0.0 350.2

