

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091919\
 Data File : VW013174.D
 Acq On : 19 Sep 2019 20:53
 Operator : SY/VA
 Sample : K4925-04
 Misc : 4.99G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SS-4

Quant Time: Sep 20 09:05:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	342083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	503733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	406617	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	165608	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	131923	41.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.52%	
35) Dibromofluoromethane	7.88	113	136733	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	10.32	98	580455	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	
62) 4-Bromofluorobenzene	12.62	95	171558	44.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.22%	

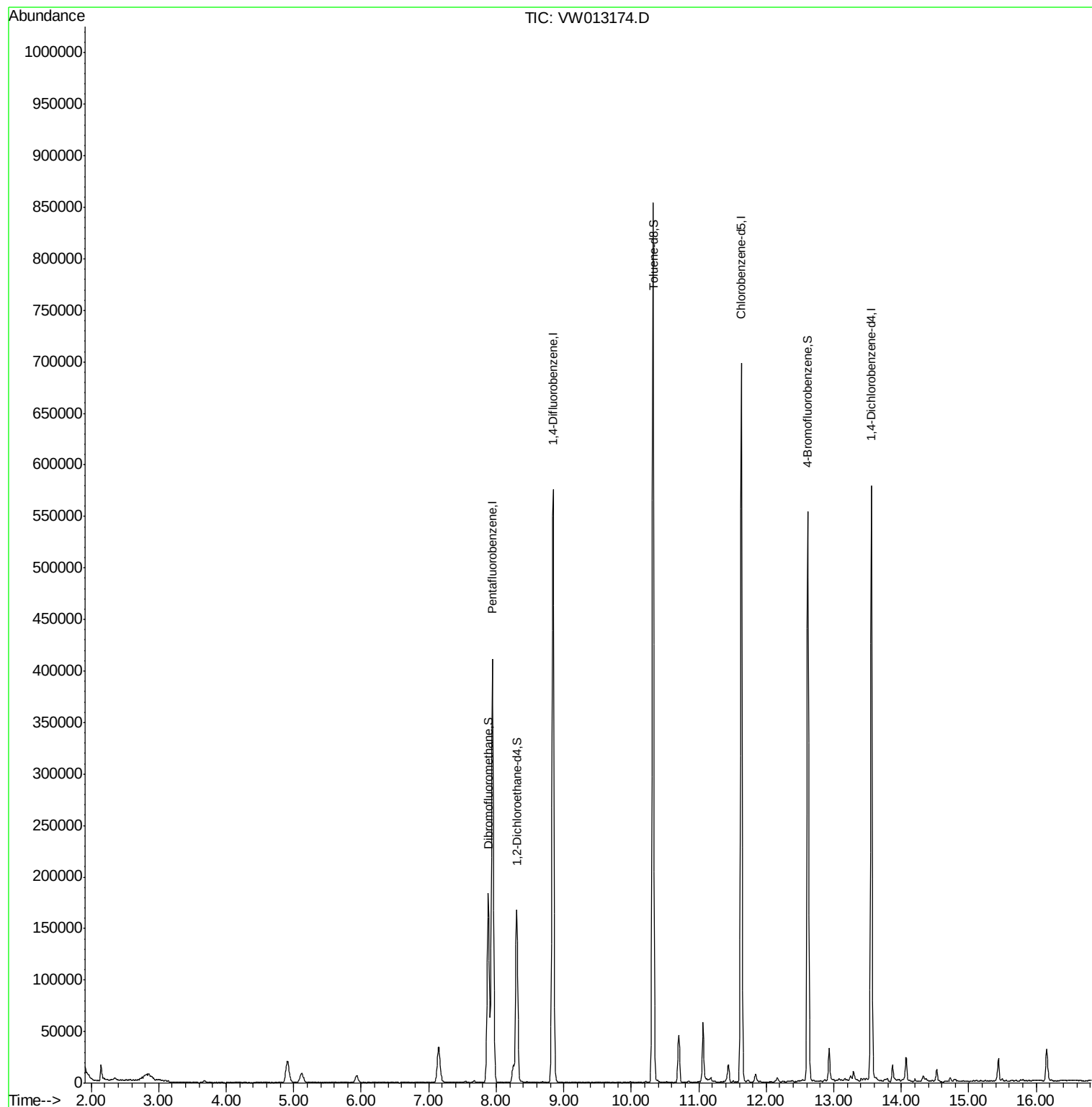
Target Compounds	Qvalue

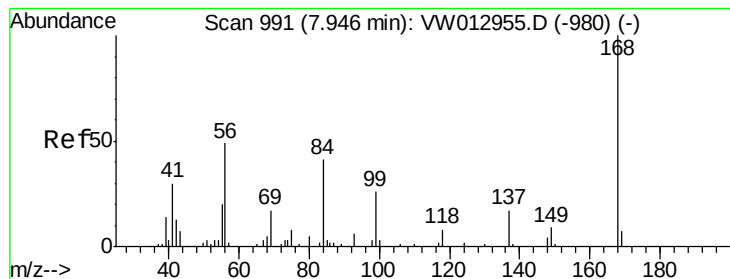
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013174.D

Acq: 19 Sep 2019 20:53

Instrument :

MSVOA_W

ClientSampled :

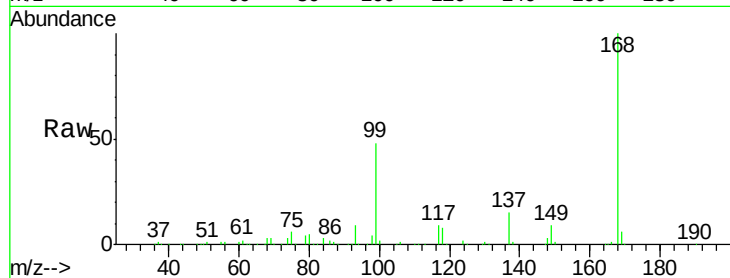
SS-4

Tot Ion:168 Resp: 342083

Ion Ratio Lower Upper

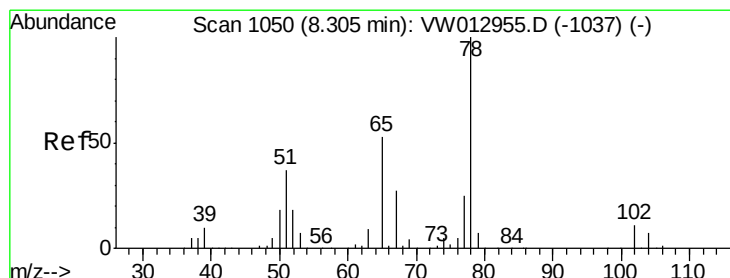
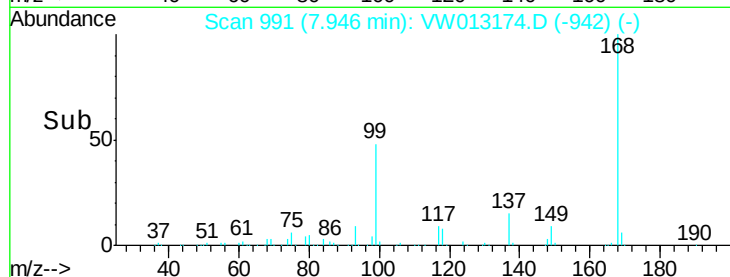
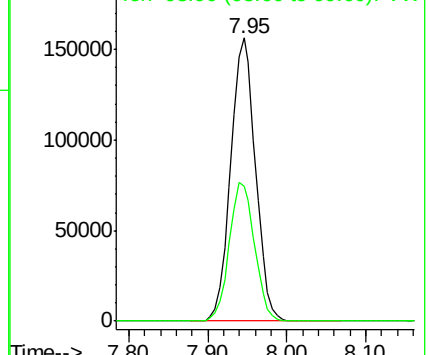
168 100

99 47.9 46.2 69.2



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: 41.756 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013174.D

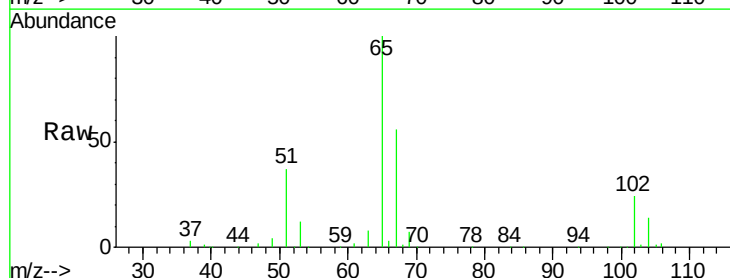
Acq: 19 Sep 2019 20:53

Tgt Ion: 65 Resp: 131923

Ion Ratio Lower Upper

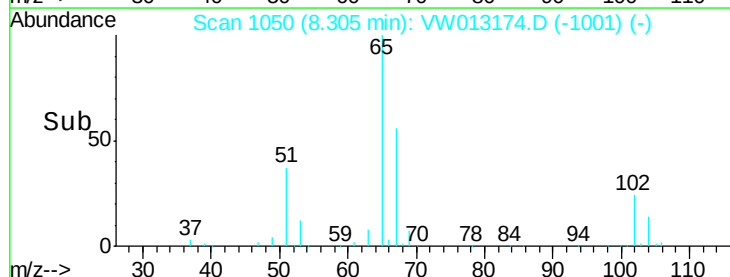
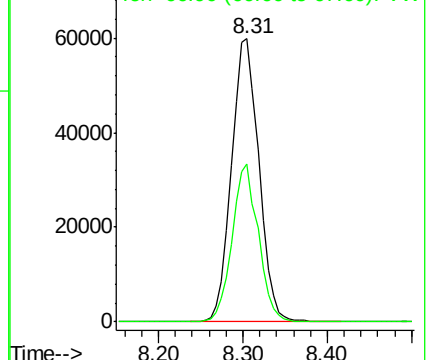
65 100

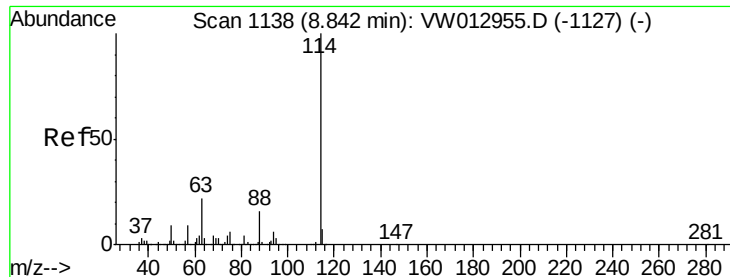
67 53.3 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

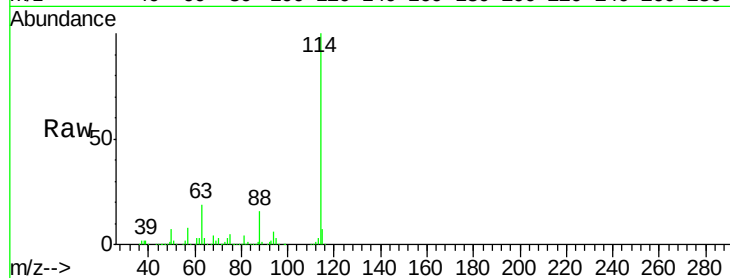




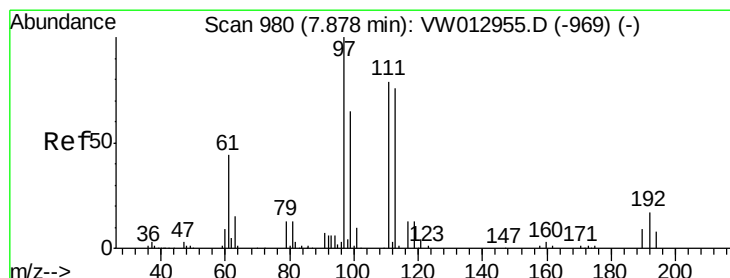
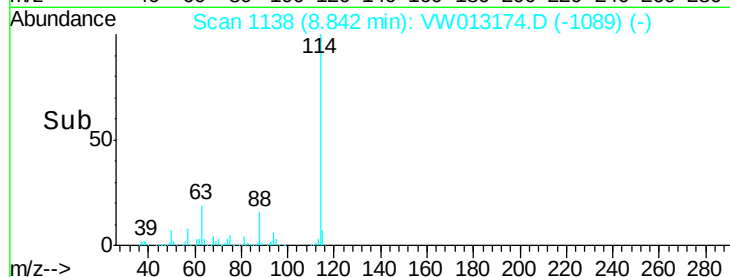
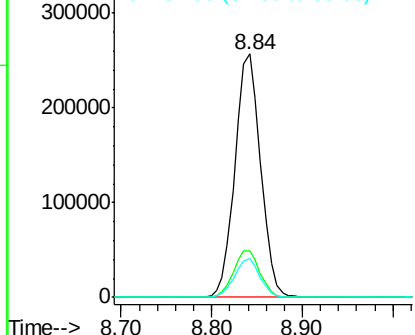
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013174.D
 Acq: 19 Sep 2019 20:53

Instrument :
 MSVOA_W
 ClientSampleId :
 SS-4

Tot Ion:114 Resp: 503733
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 43.4
 88 15.9 0.0 31.6

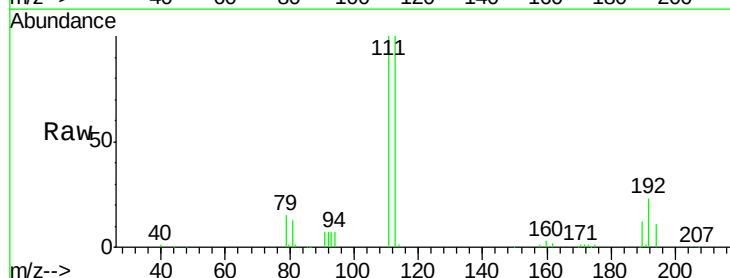


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

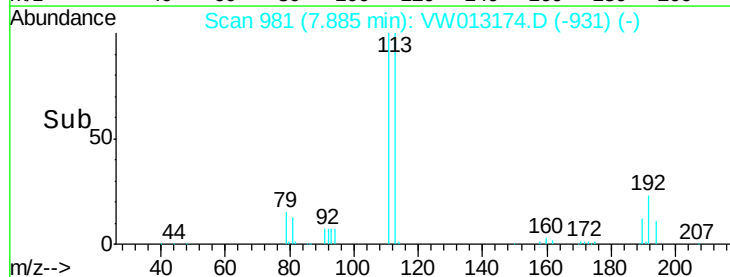
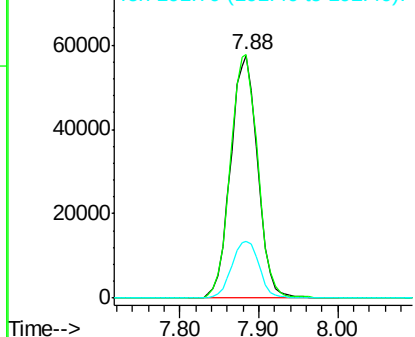


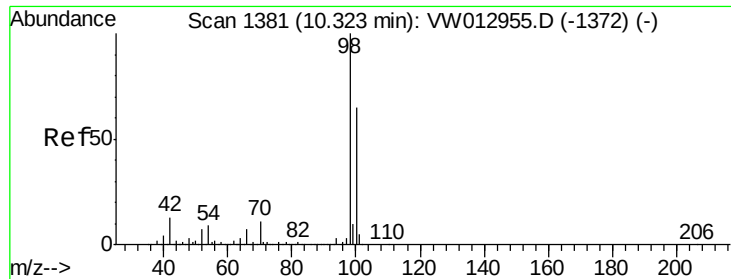
#35
 Dibromofluoromethane
 Concen: 50.025 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW013174.D
 Acq: 19 Sep 2019 20:53

Tgt Ion:113 Resp: 136733
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.8 124.2
 192 23.7 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: 54.270 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013174.D

Acq: 19 Sep 2019 20:53

Instrument :

MSVOA_W

ClientSampled :

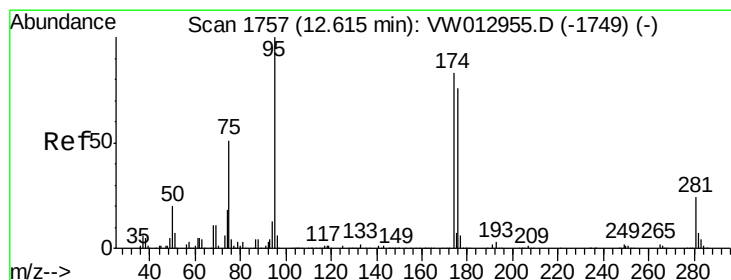
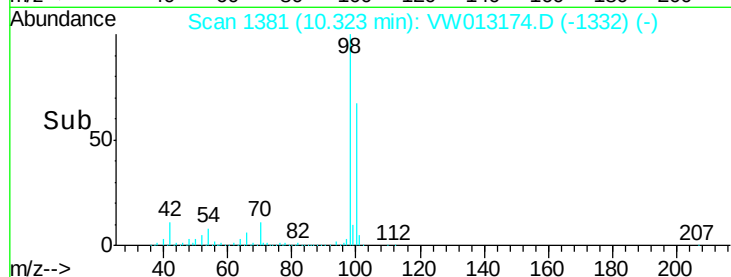
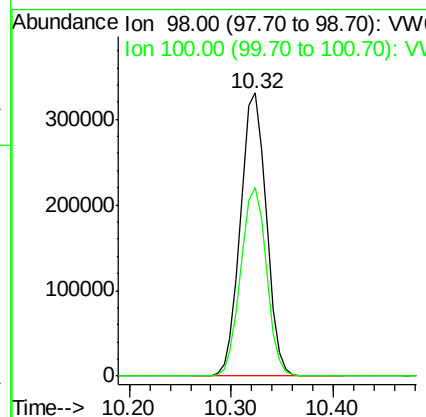
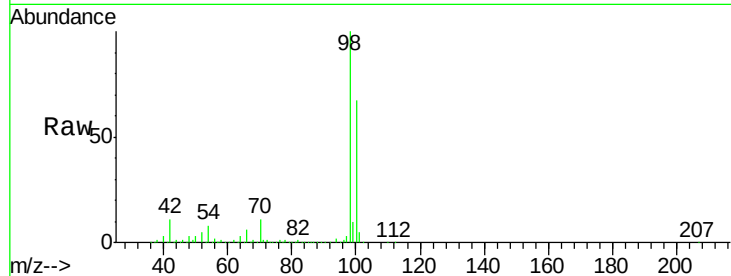
SS-4

Tot Ion: 98 Resp: 580455

Ion Ratio Lower Upper

98 100

100 66.1 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 44.607 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013174.D

Acq: 19 Sep 2019 20:53

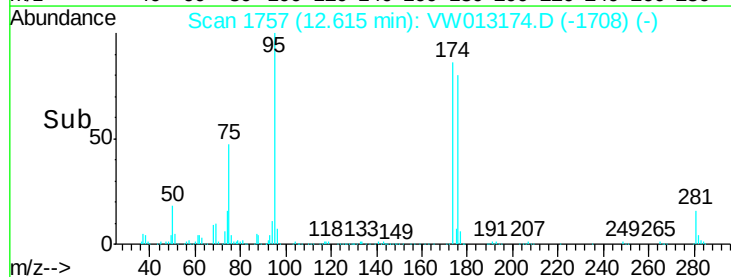
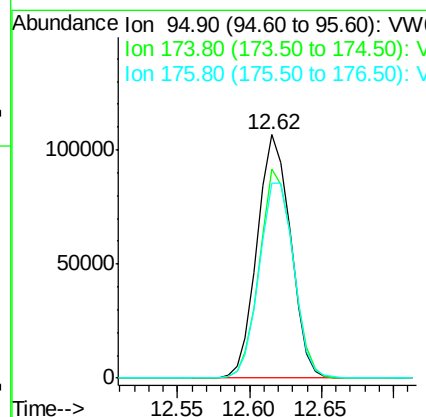
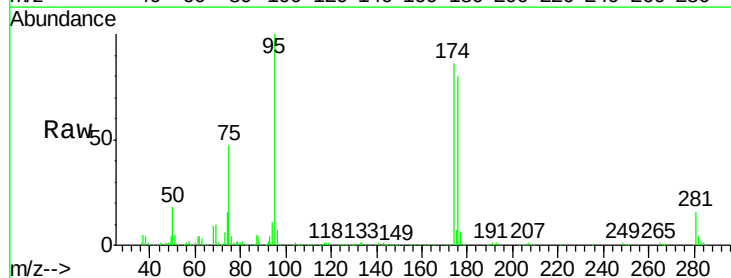
Tgt Ion: 95 Resp: 171558

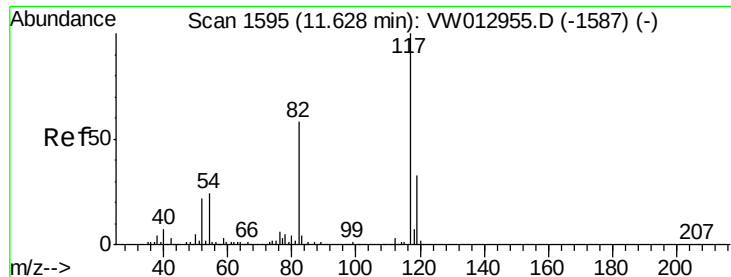
Ion Ratio Lower Upper

95 100

174 85.6 0.0 170.4

176 83.3 0.0 164.6

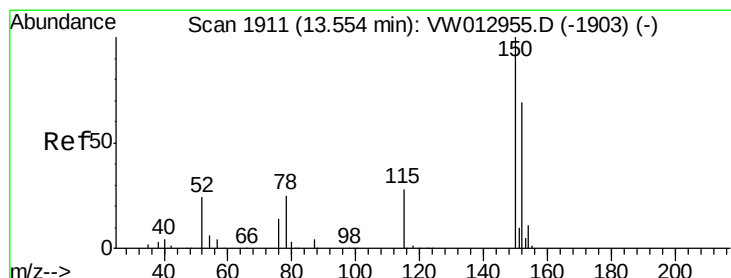
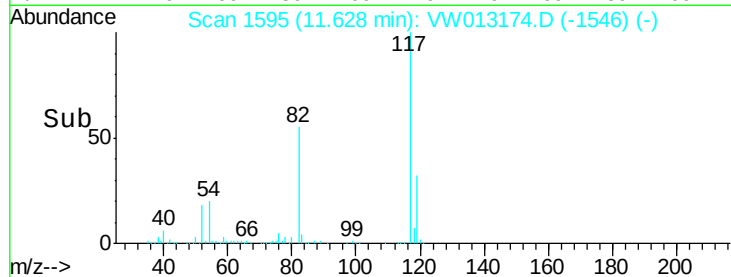
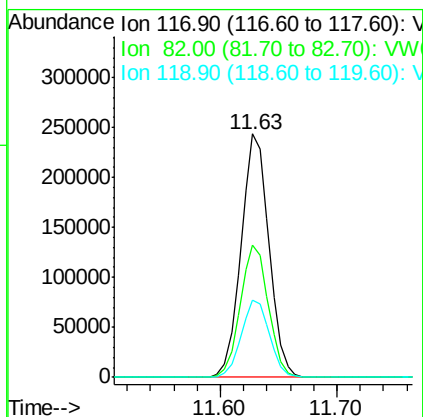
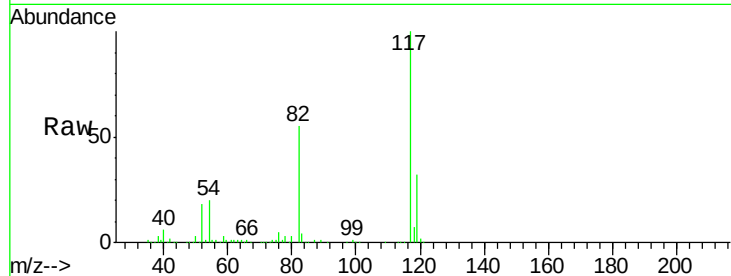




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013174.D
Acq: 19 Sep 2019 20:53

Instrument :
MSVOA_W
ClientSampled :
SS-4

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	46.3	69.5
119	31.7	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW013174.D
Acq: 19 Sep 2019 20:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	28.8	86.4
150	155.5	0.0	340.2

