

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012850.D
 Acq On : 10 Sep 2019 04:30
 Operator : SY/VA
 Sample : K4644-10
 Misc : 5.17G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T11-E2-(0)

Quant Time: Sep 10 08:12:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

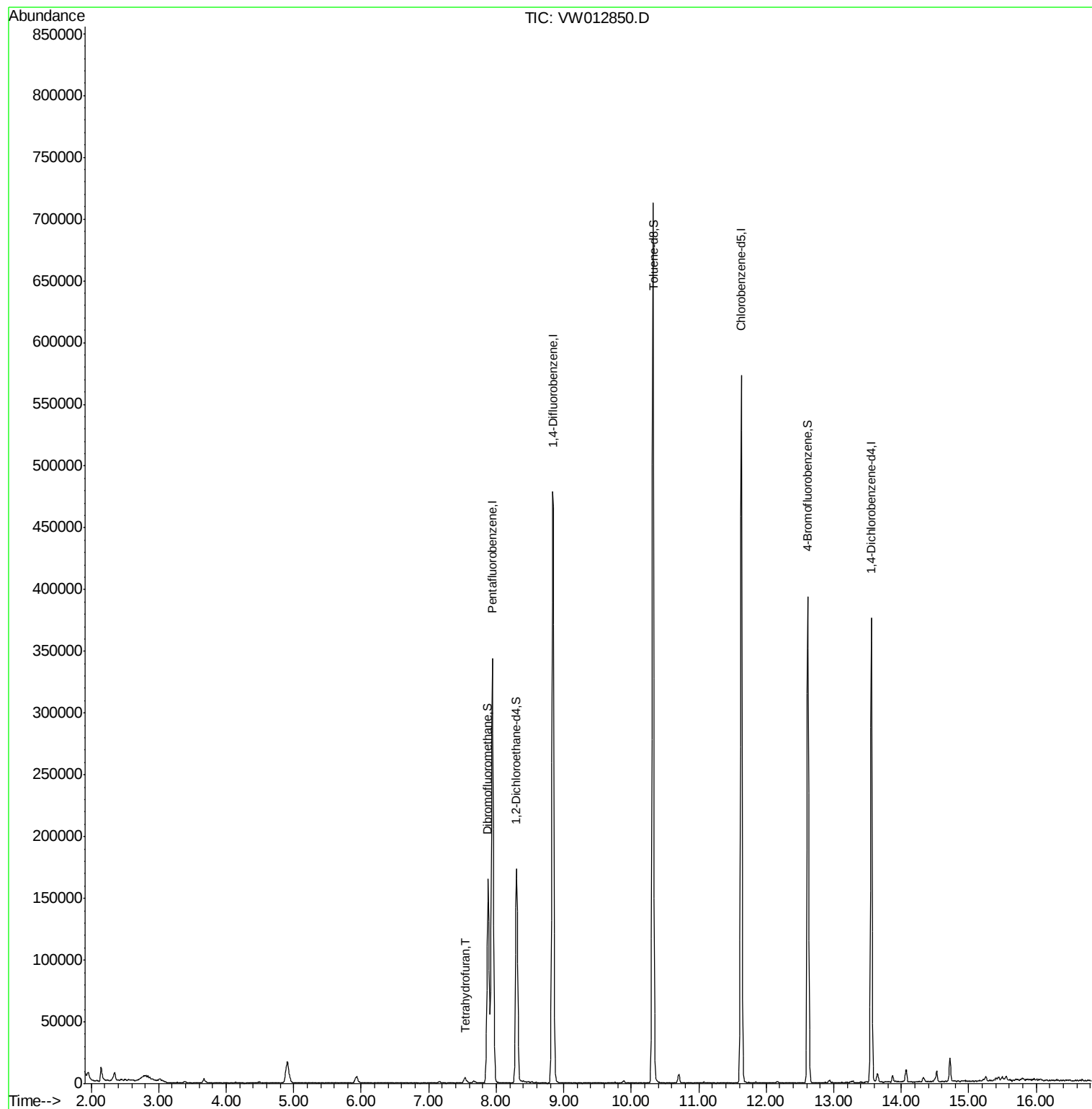
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	269461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	401171	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	310611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	99970	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	141137	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.76%	
35) Dibromofluoromethane	7.88	113	118273	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
50) Toluene-d8	10.32	98	462071	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
62) 4-Bromofluorobenzene	12.62	95	125147	36.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.78%	
Target Compounds						
29) Tetrahydrofuran	7.54	42	3591	5.418	ug/l	Qvalue 94

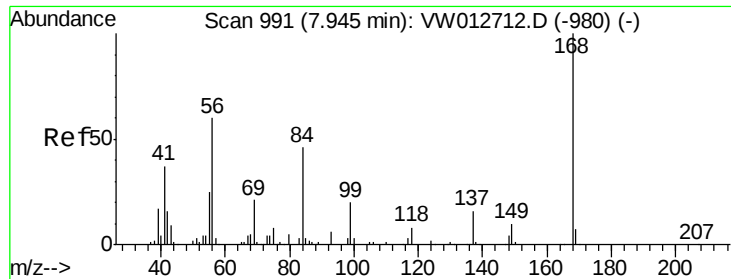
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012850.D

Acq: 10 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

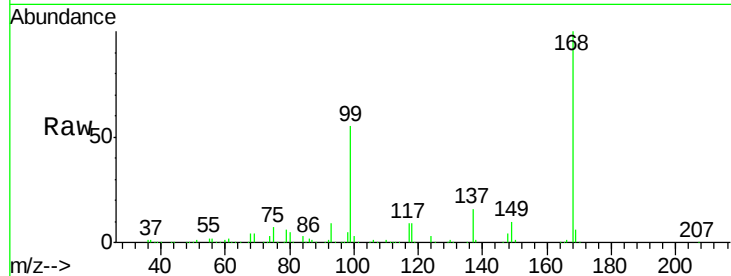
T11-E2-(0)

Tot Ion:168 Resp: 269461

Ion Ratio Lower Upper

168 100

99 54.6 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

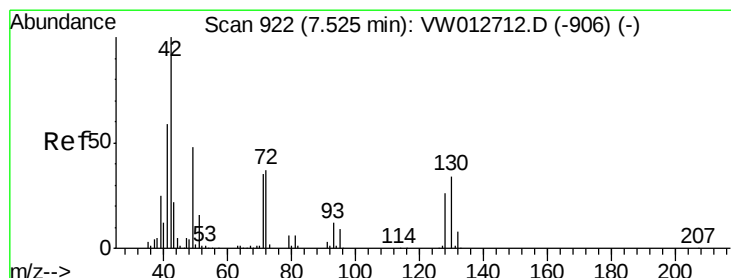
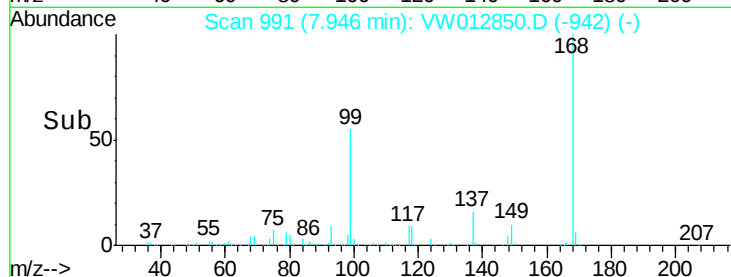
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#29

Tetrahydrofuran

Concen: 5.418 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012850.D

Acq: 10 Sep 2019 04:30

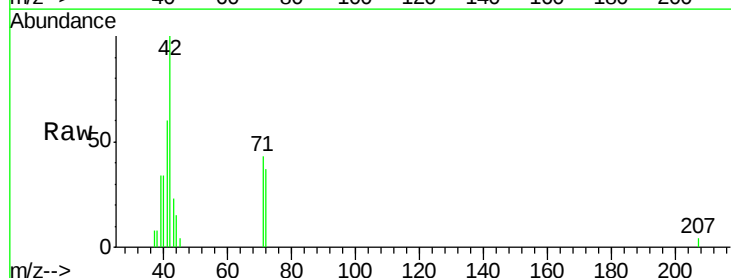
Tgt Ion: 42 Resp: 3591

Ion Ratio Lower Upper

42 100

72 36.0 28.4 42.6

71 40.1 27.1 40.7



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

7.54

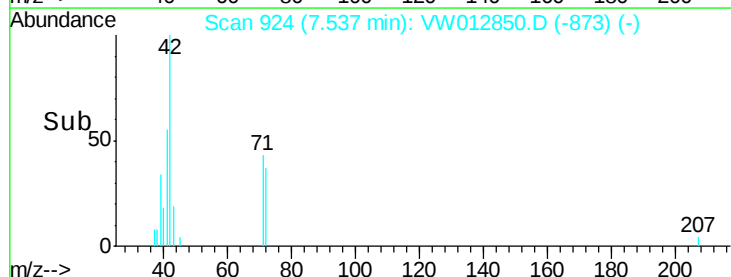
1500

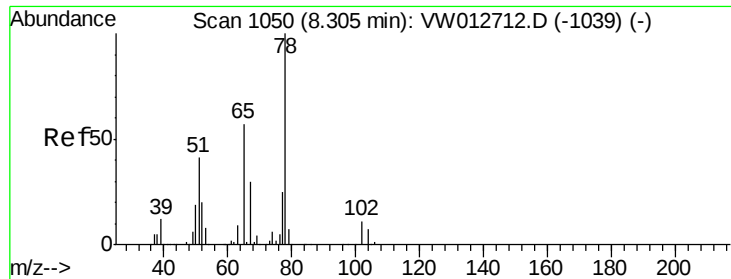
1000

500

0

Time--> 7.50 7.54 7.58

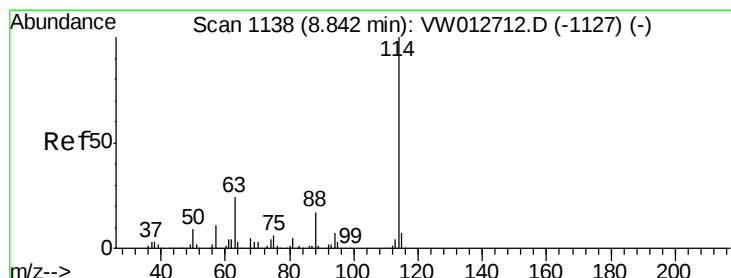
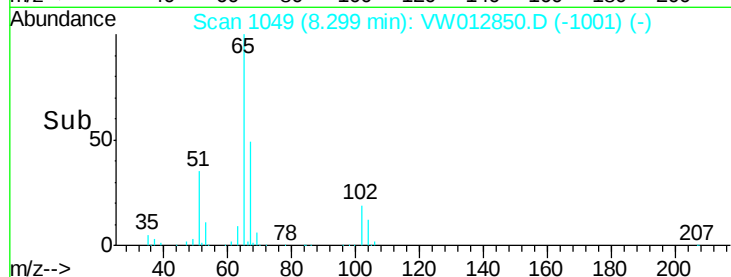
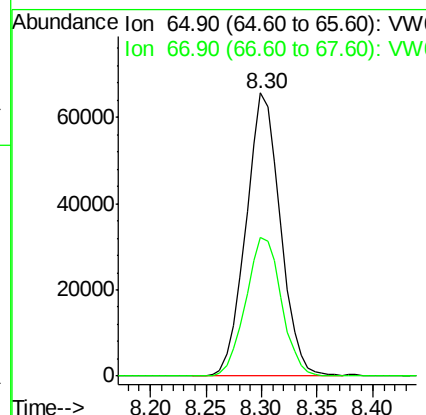
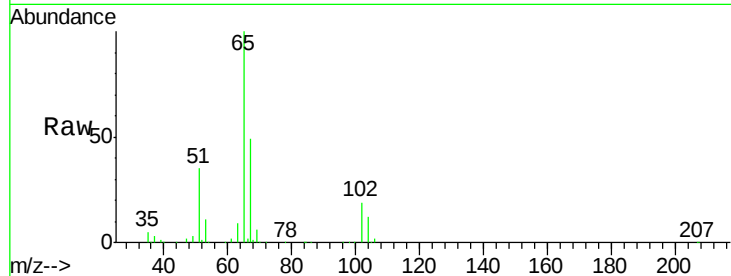




#33
 1,2-Dichloroethane-d4
 Concen: 46.877 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012850.D
 Acq: 10 Sep 2019 04:30

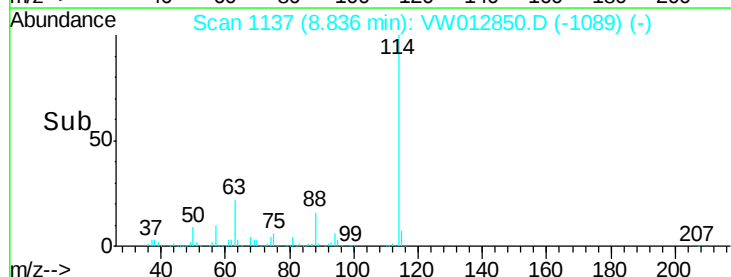
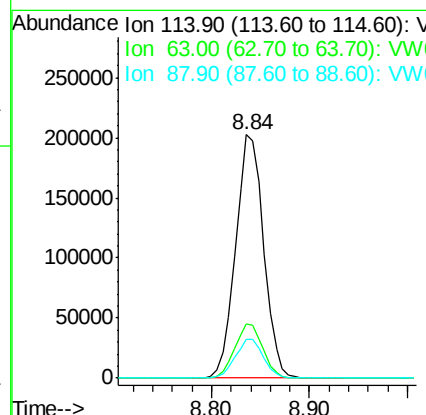
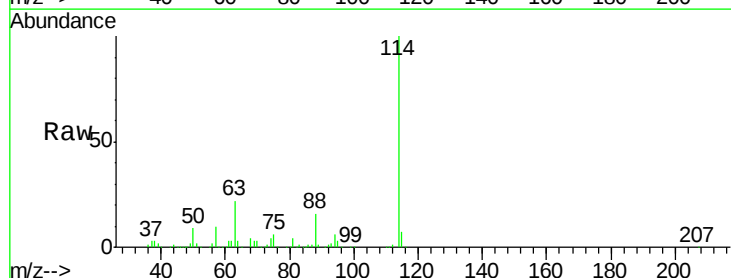
Instrument :
 MSVOA_W
 ClientSampleId :
 T11-E2-(0)

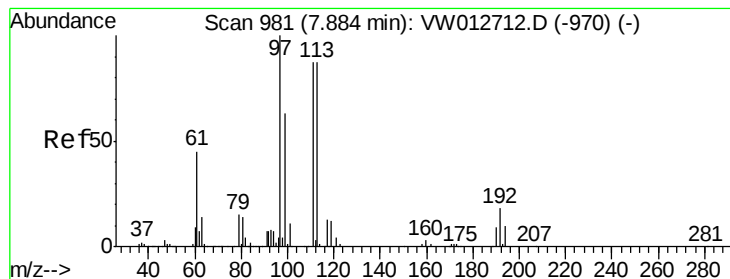
Tot Ion: 65 Resp: 141137
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW012850.D
 Acq: 10 Sep 2019 04:30

Tgt Ion: 114 Resp: 401171
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 47.2
 88 15.9 0.0 34.0





#35

Dibromofluoromethane

Concen: 49.589 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012850.D

Acq: 10 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

T11-E2-(0)

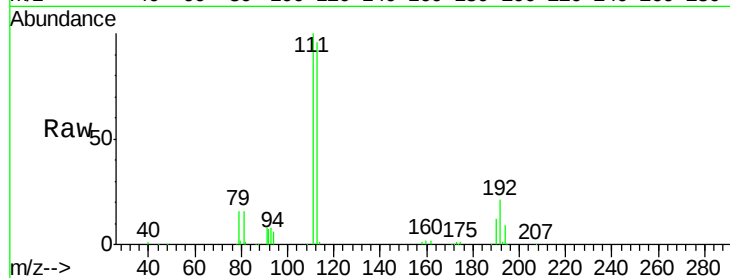
Tot Ion:113 Resp: 118273

Ion Ratio Lower Upper

113 100

111 102.7 80.2 120.4

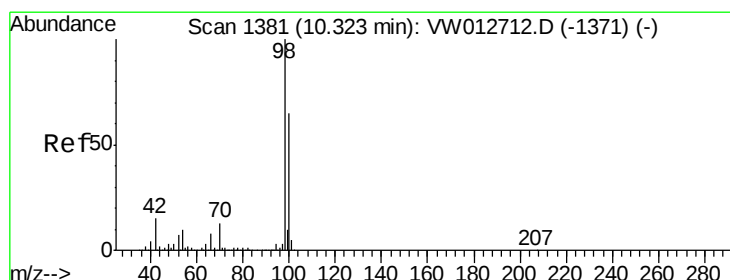
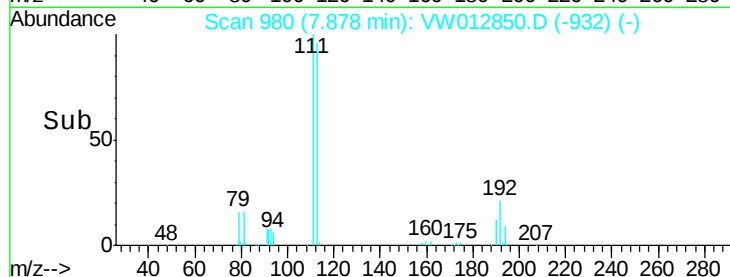
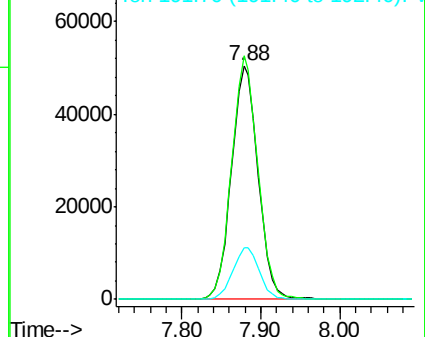
192 21.8 17.3 25.9



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: 49.450 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012850.D

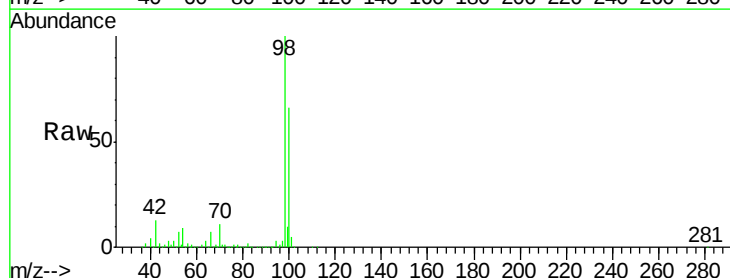
Acq: 10 Sep 2019 04:30

Tgt Ion: 98 Resp: 462071

Ion Ratio Lower Upper

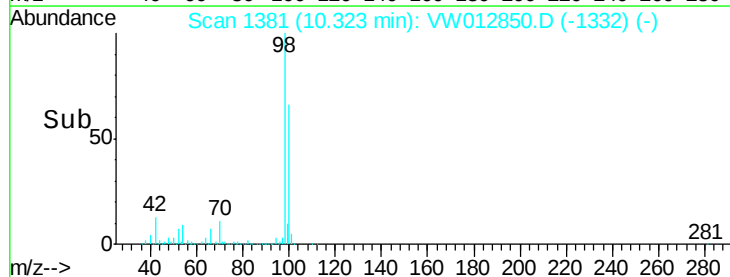
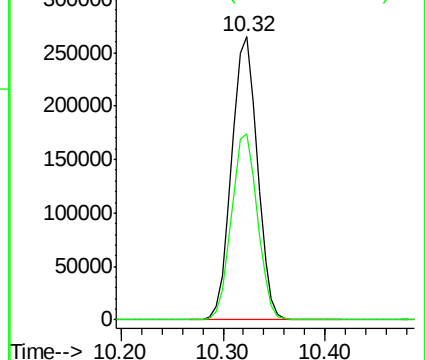
98 100

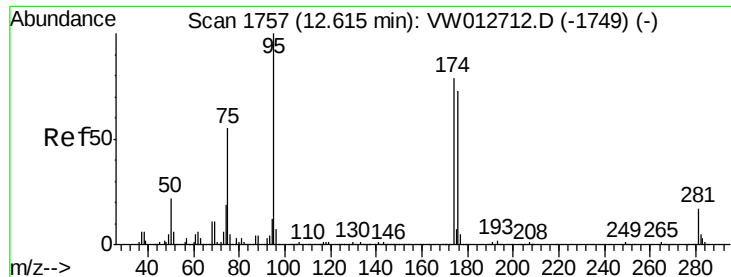
100 66.2 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

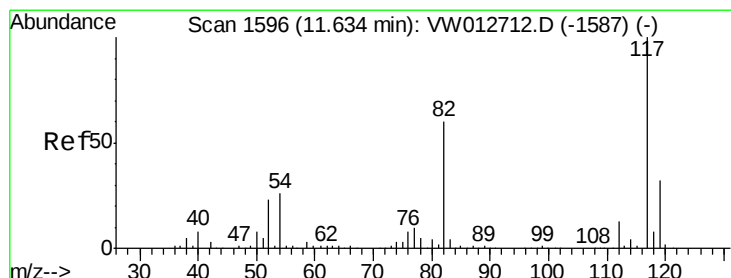
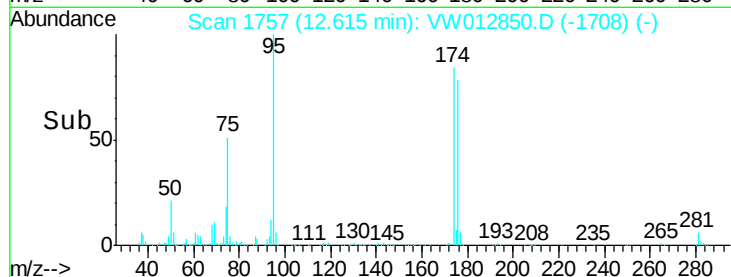
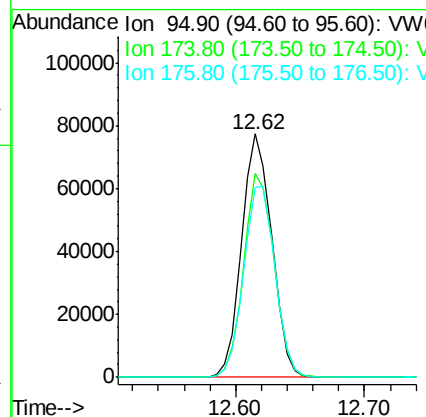
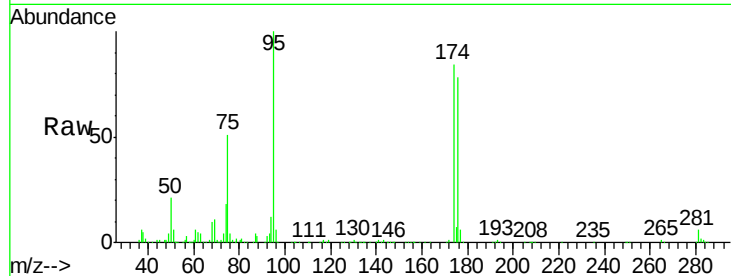




#62
4-Bromofluorobenzene
Concen: 36.892 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012850.D
Acq: 10 Sep 2019 04:30

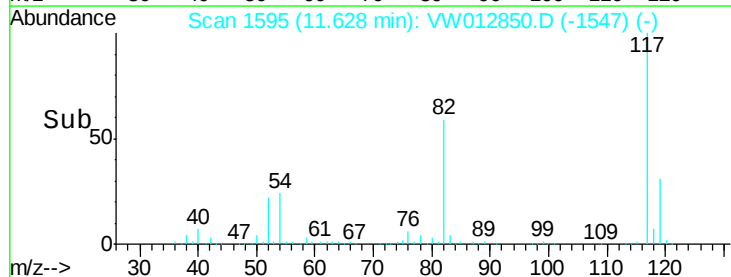
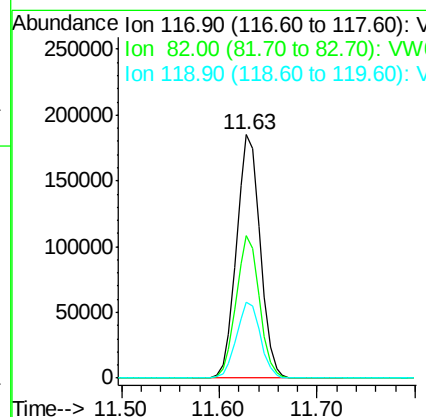
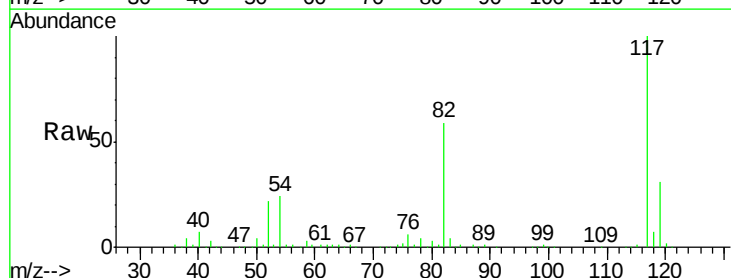
Instrument :
MSVOA_W
ClientSampleId :
T11-E2-(0)

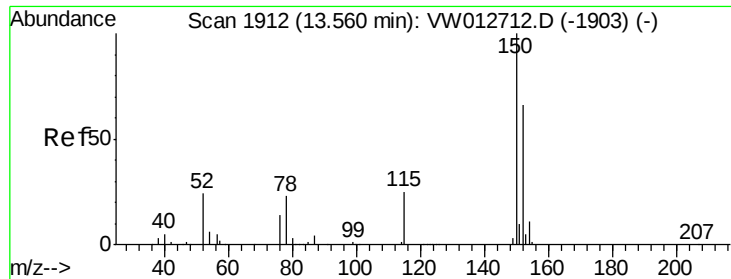
Tot Ion: 95 Resp: 125147
Ion Ratio Lower Upper
95 100
174 84.2 0.0 161.0
176 81.4 0.0 156.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012850.D
Acq: 10 Sep 2019 04:30

Tgt Ion: 117 Resp: 310611
Ion Ratio Lower Upper
117 100
82 58.8 48.2 72.4
119 31.2 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012850.D

Acq: 10 Sep 2019 04:30

Instrument :

MSVOA_W

ClientSampleId :

T11-E2-(0)

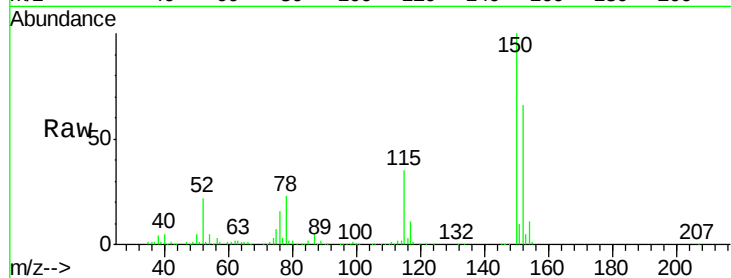
Tot Ion:152 Resp: 99970

Ion Ratio Lower Upper

152 100

115 57.5 30.0 90.1

150 156.9 0.0 349.0



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

