

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082319\
 Data File : VW012146.D
 Acq On : 23 Aug 2019 21:07
 Operator : SY/VA
 Sample : K4474-08
 Misc : 5.52G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-F4-(2.5)

Quant Time: Aug 26 08:07:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

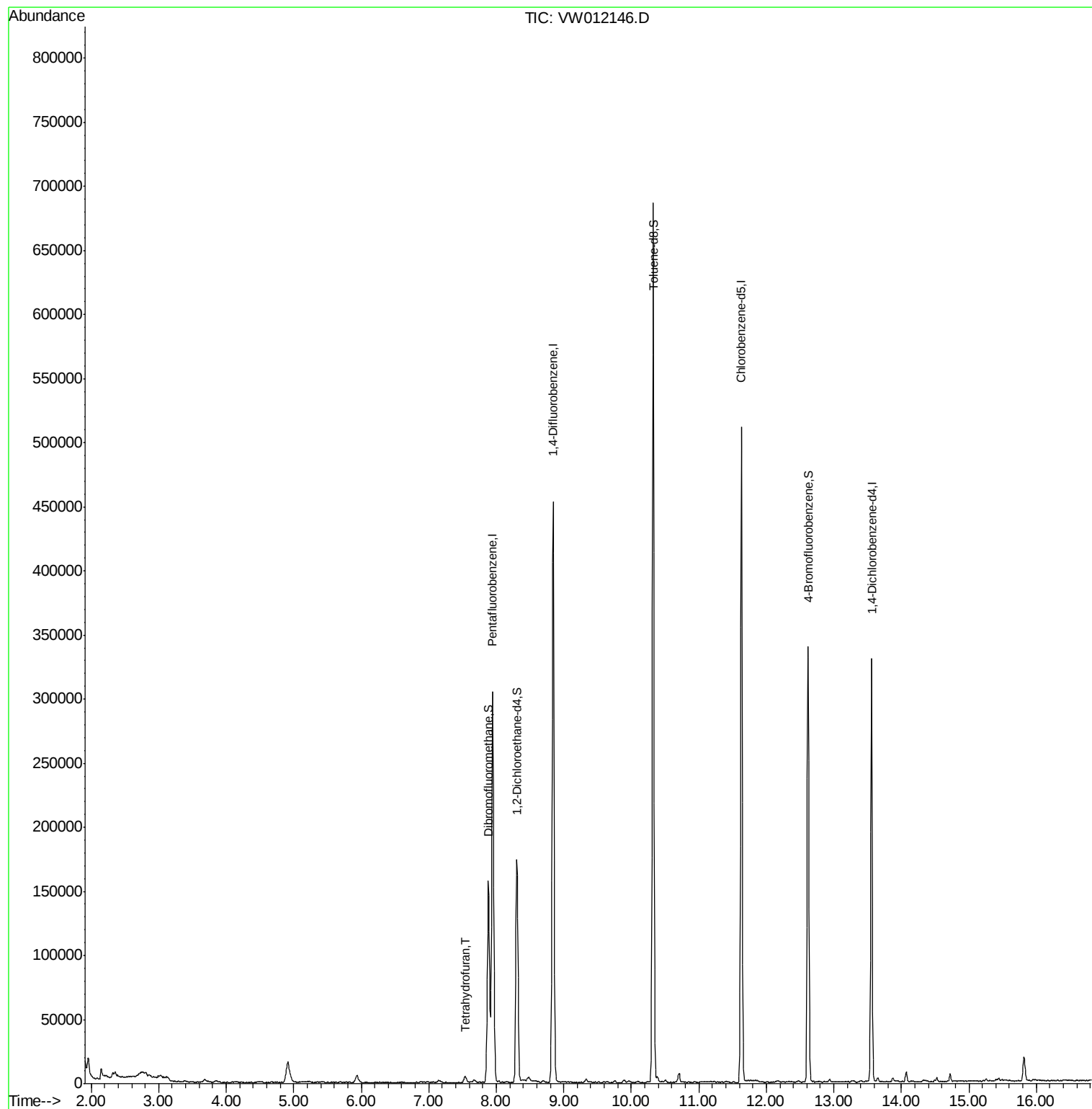
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	211875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	348809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	265815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	78026	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	139841	55.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.04%	
35) Dibromofluoromethane	7.88	113	110631	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.28%	
50) Toluene-d8	10.32	98	427088	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
62) 4-Bromofluorobenzene	12.62	95	109638	36.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.68%	
Target Compounds						
29) Tetrahydrofuran	7.54	42	4201	8.004	ug/l	Qvalue 97

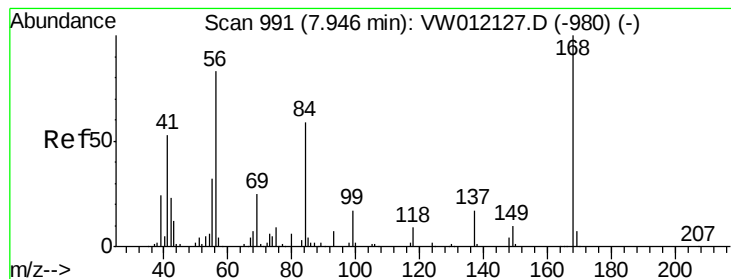
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012146.D

Acq: 23 Aug 2019 21:07

Instrument :

MSVOA_W

ClientSampleId :

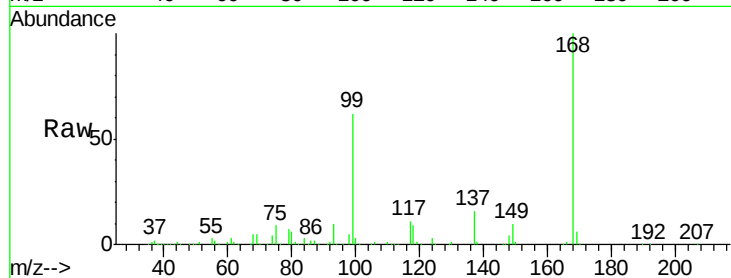
T1-2-F4-(2.5)

Tot Ion:168 Resp: 211875

Ion Ratio Lower Upper

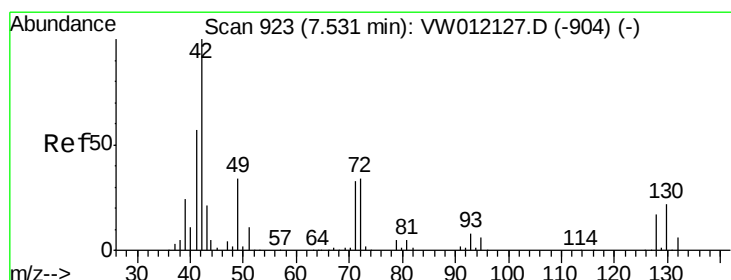
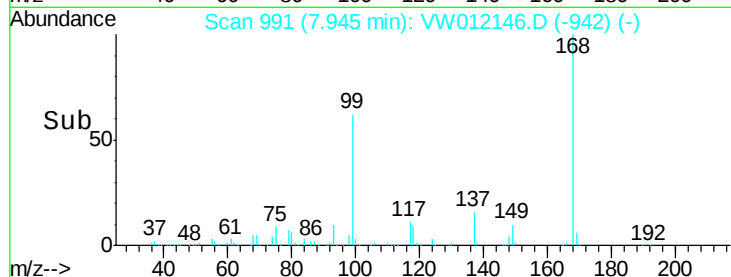
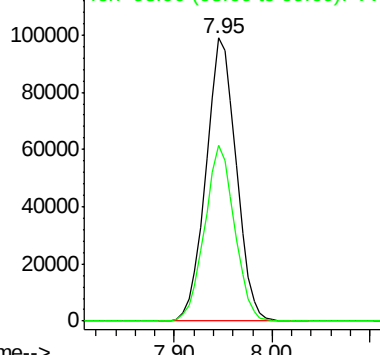
168 100

99 62.1 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#29

Tetrahydrofuran

Concen: 8.004 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012146.D

Acq: 23 Aug 2019 21:07

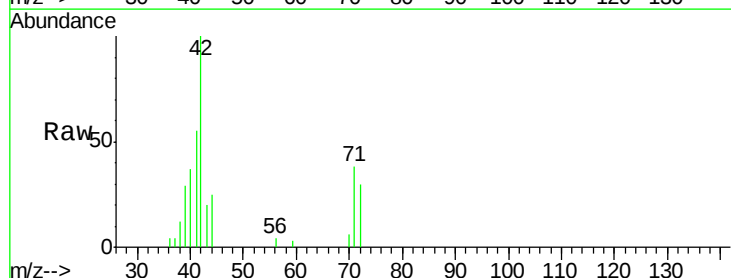
Tgt Ion: 42 Resp: 4201

Ion Ratio Lower Upper

42 100

72 32.0 27.3 40.9

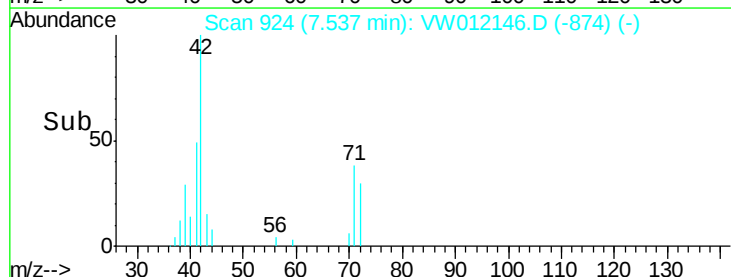
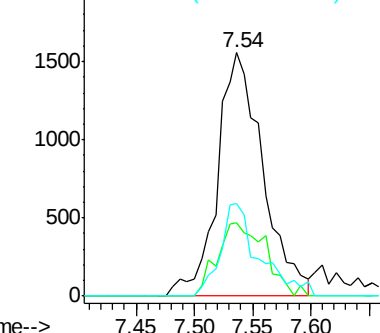
71 32.7 25.5 38.3

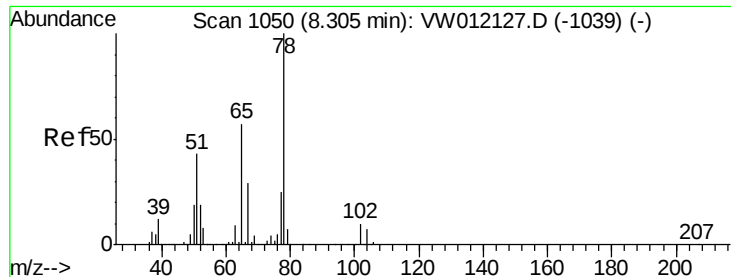


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

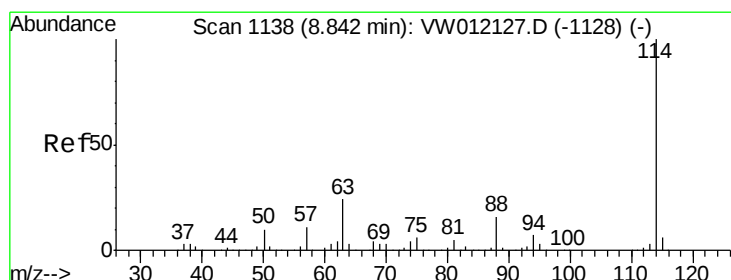
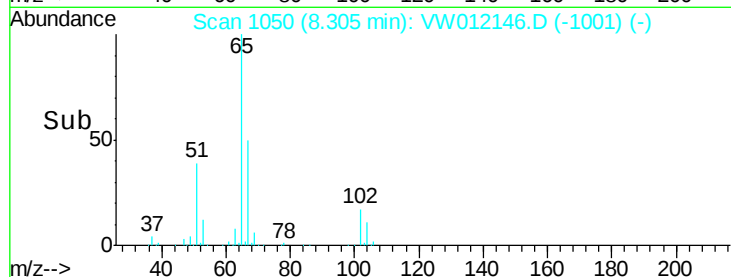
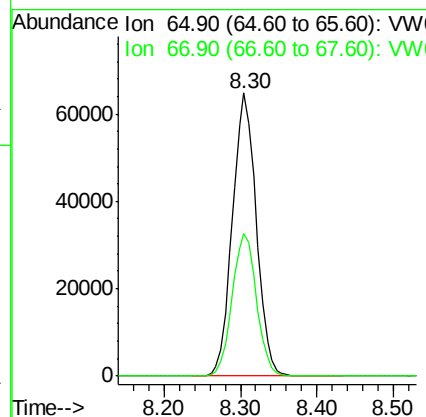
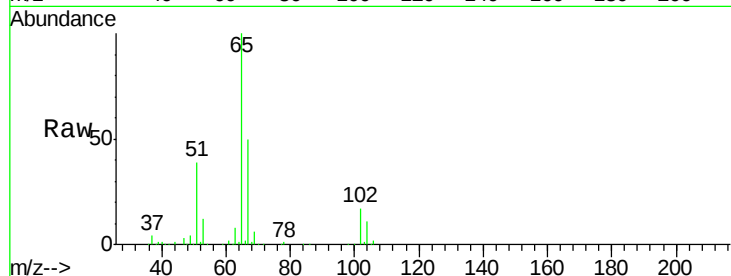




#33
 1,2-Dichloroethane-d4
 Concen: 55.522 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012146.D
 Acq: 23 Aug 2019 21:07

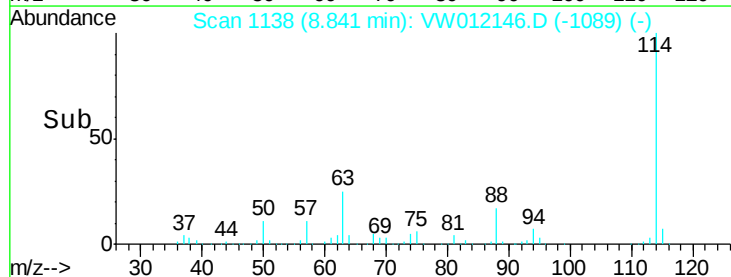
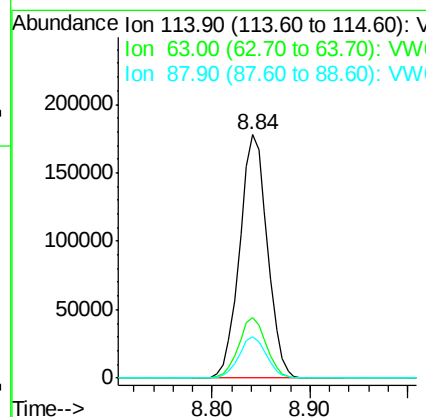
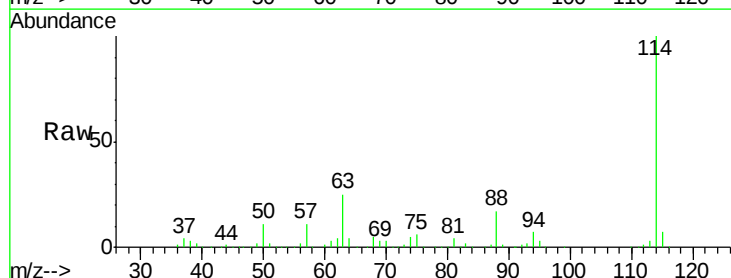
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-F4-(2.5)

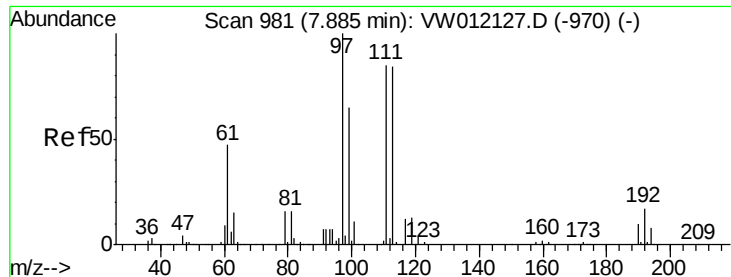
Tot Ion: 65 Resp: 139841
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012146.D
 Acq: 23 Aug 2019 21:07

Tgt Ion: 114 Resp: 348809
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 48.6
 88 16.8 0.0 32.2

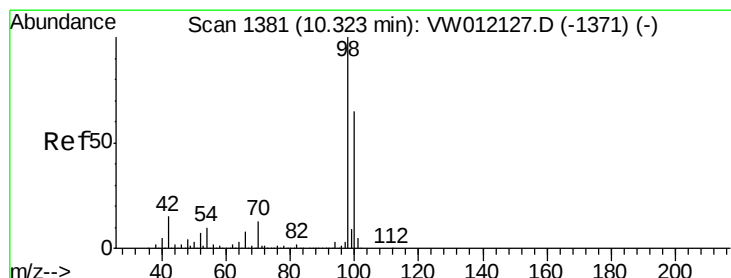
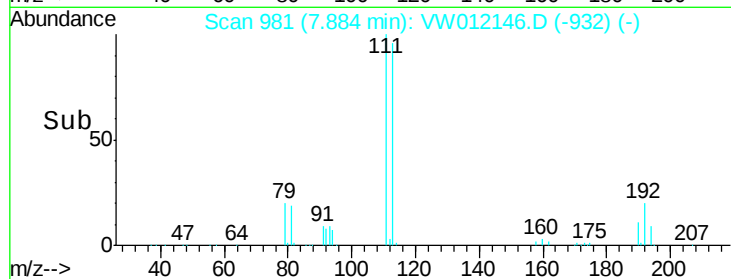
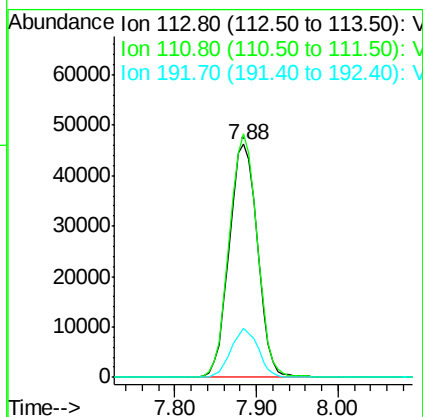
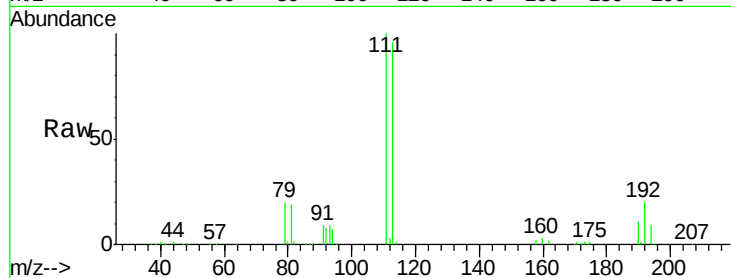




#35
 Dibromofluoromethane
 Concen: 53.136 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012146.D
 Acq: 23 Aug 2019 21:07

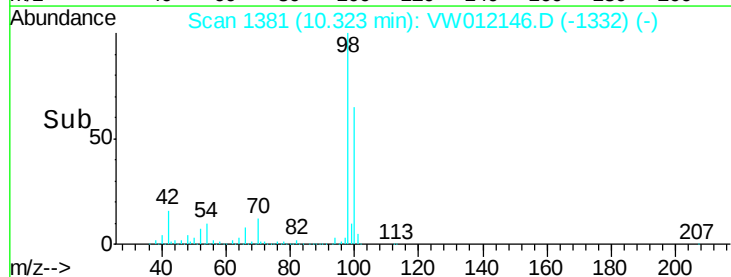
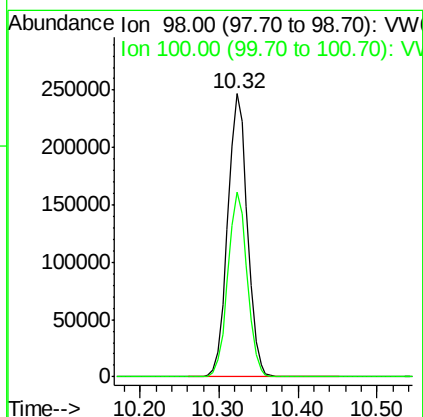
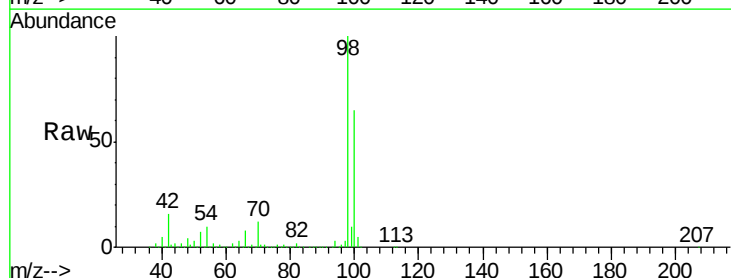
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-F4-(2.5)

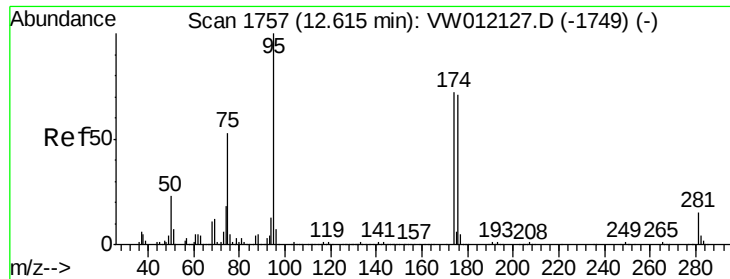
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.7	124.1
192	20.3	16.2	24.2



#50
 Toluene-d8
 Concen: 50.590 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012146.D
 Acq: 23 Aug 2019 21:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.4	78.6

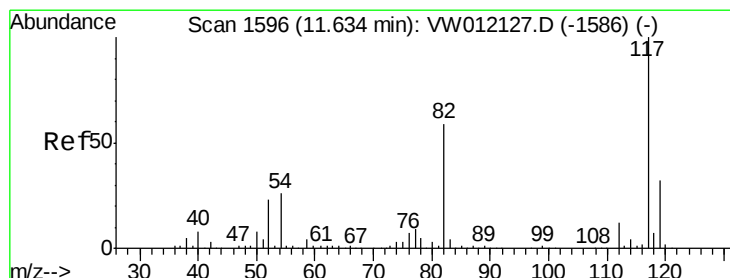
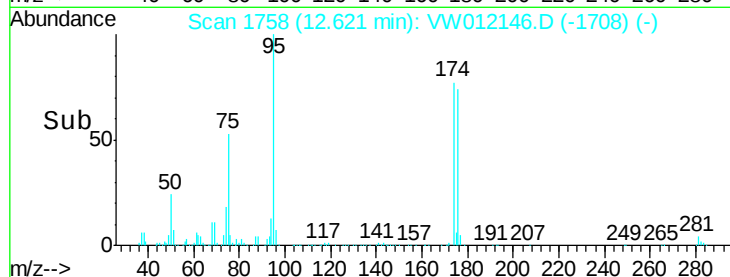
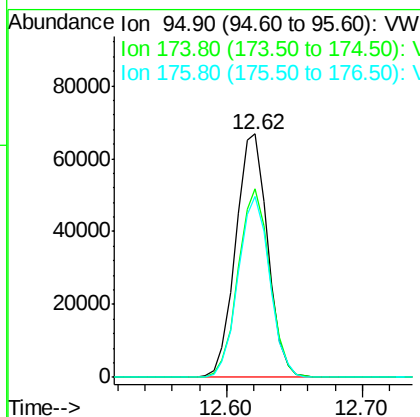
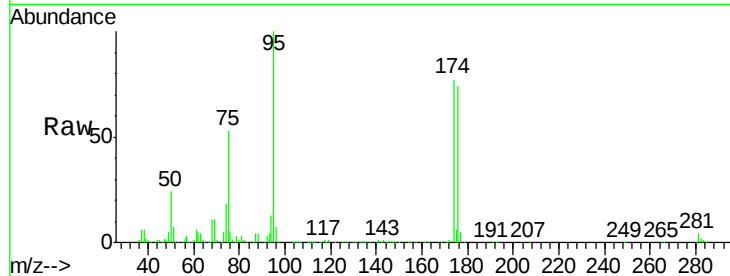




#62
4-Bromofluorobenzene
Concen: 36.843 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW012146.D
Acq: 23 Aug 2019 21:07

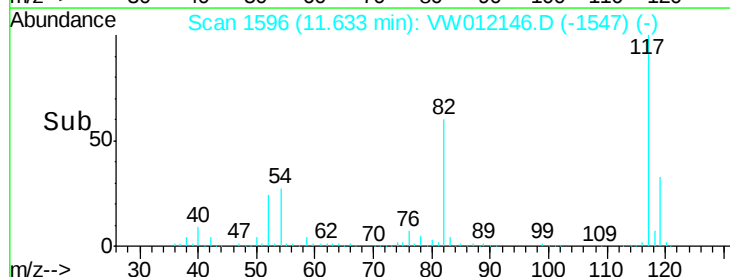
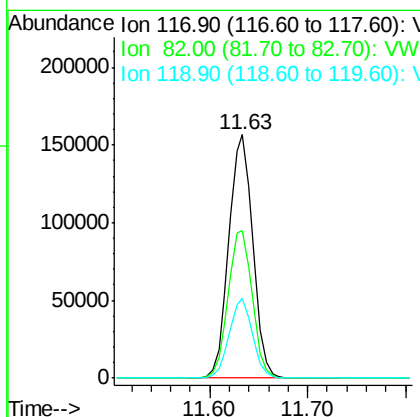
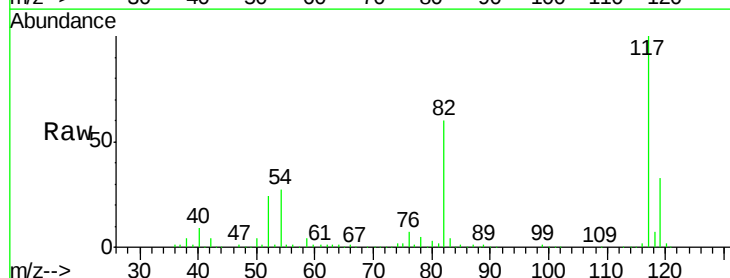
Instrument :
MSVOA_W
ClientSampleId :
T1-2-F4-(2.5)

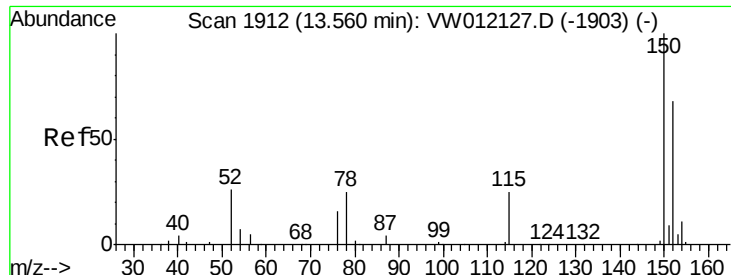
Tot Ion: 95 Resp: 109638
Ion Ratio Lower Upper
95 100
174 76.2 0.0 150.8
176 73.2 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012146.D
Acq: 23 Aug 2019 21:07

Tgt Ion: 117 Resp: 265815
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.2
119 32.6 25.4 38.2

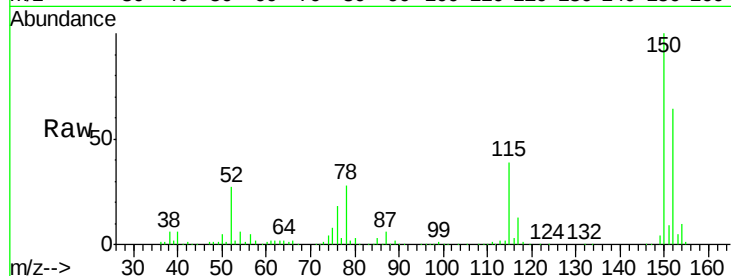




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW012146.D
 Acq: 23 Aug 2019 21:07

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-F4-(2.5)

Tot Ion:152 Resp: 78026
 Ion Ratio Lower Upper
 152 100
 115 62.5 30.1 90.3
 150 158.8 0.0 345.8



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

