

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082019\
 Data File : VW012043.D
 Acq On : 20 Aug 2019 21:21
 Operator : SY/VA
 Sample : K4387-07
 Misc : 5.94G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T6-D-(0)

Quant Time: Aug 21 02:10:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

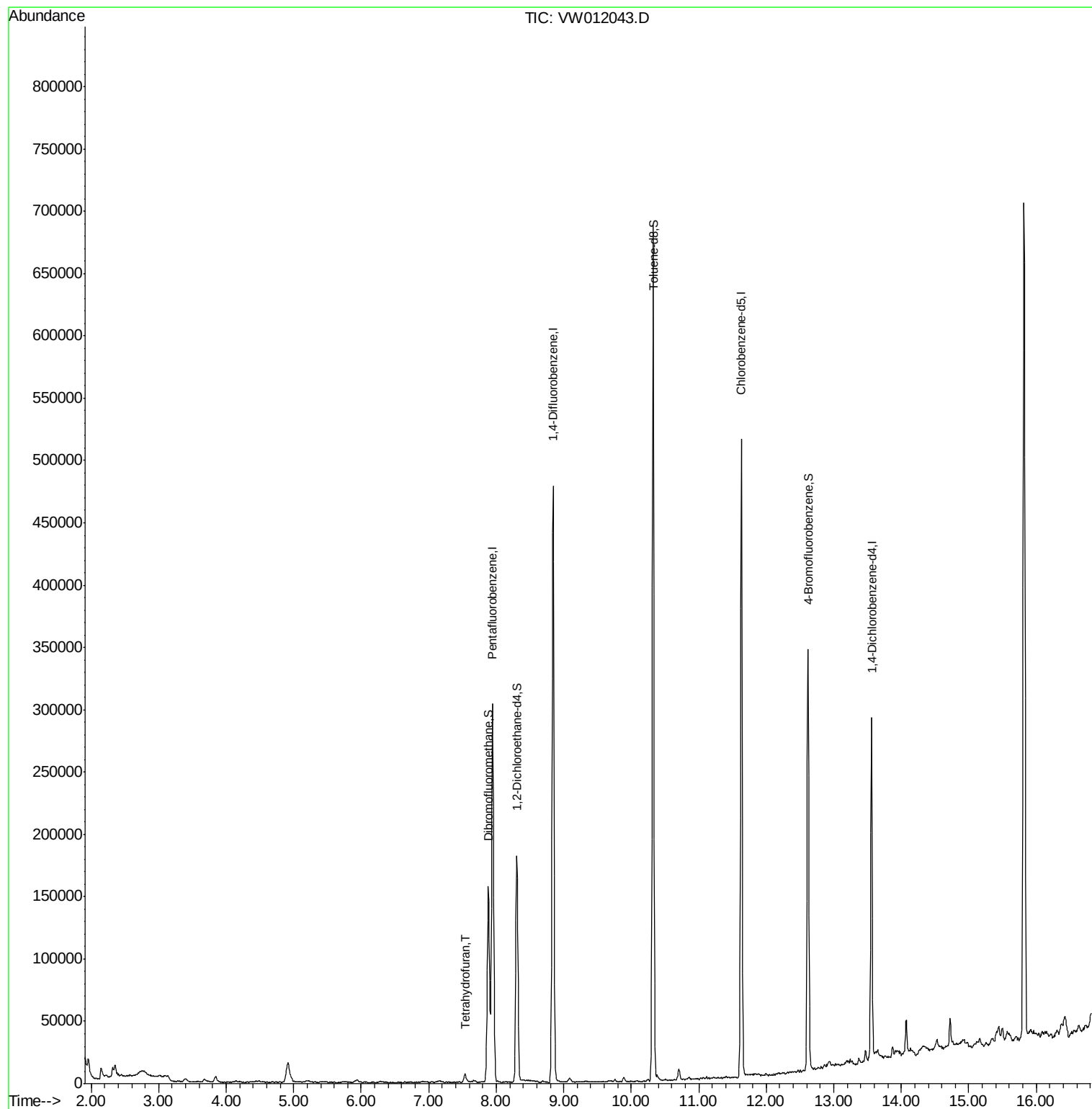
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	224339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	376296	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	271286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	69012	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	144502	56.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.18%	
35) Dibromofluoromethane	7.88	113	115113	54.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.06%	
50) Toluene-d8	10.32	98	429785	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.44%	
62) 4-Bromofluorobenzene	12.62	95	110835	35.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.94%	
Target Compounds						
29) Tetrahydrofuran	7.54	42	5827	9.507	ug/l	Qvalue 97

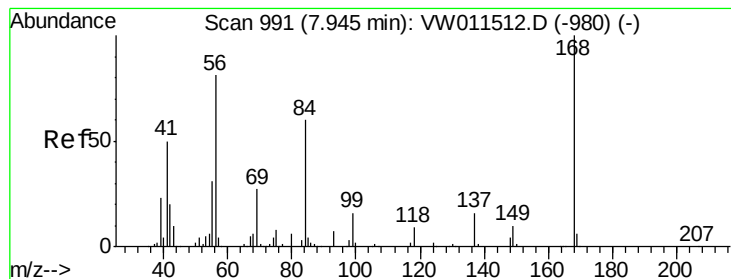
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 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: VW012043.D

Acq: 20 Aug 2019 21:21

Instrument :

MSVOA_W

ClientSampleId :

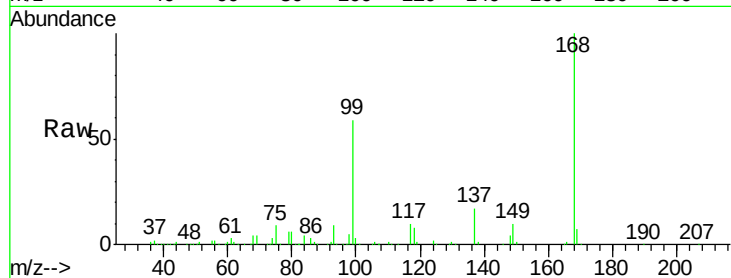
T6-D-(0)

Tot Ion:168 Resp: 224339

Ion Ratio Lower Upper

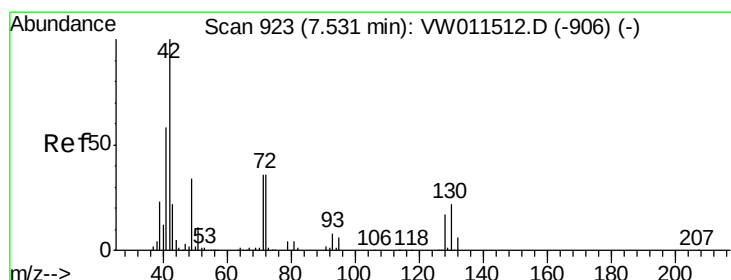
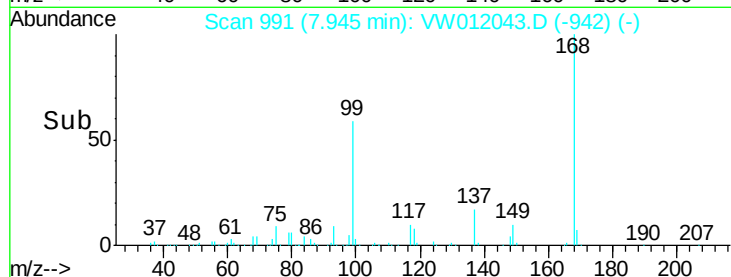
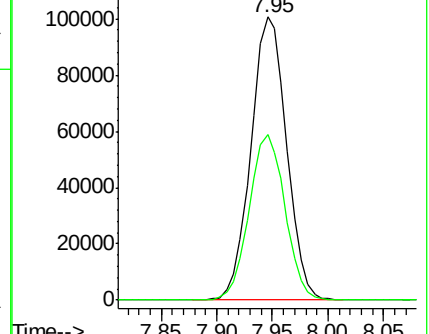
168 100

99 58.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#29

Tetrahydrofuran

Concen: 9.507 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012043.D

Acq: 20 Aug 2019 21:21

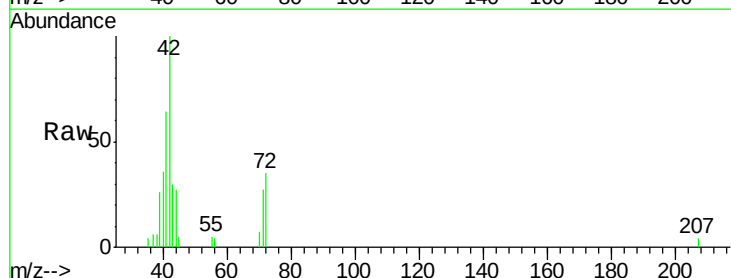
Tgt Ion: 42 Resp: 5827

Ion Ratio Lower Upper

42 100

72 32.1 27.1 40.7

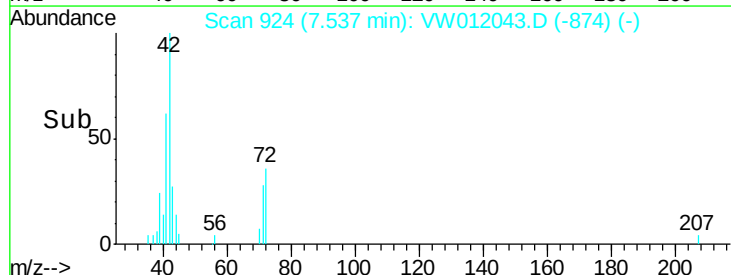
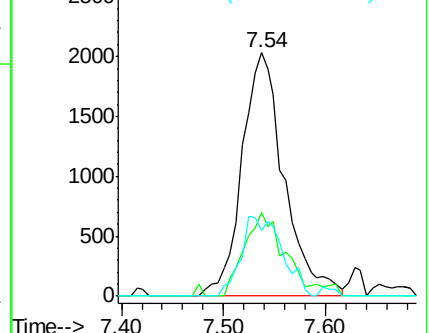
71 31.5 26.2 39.4

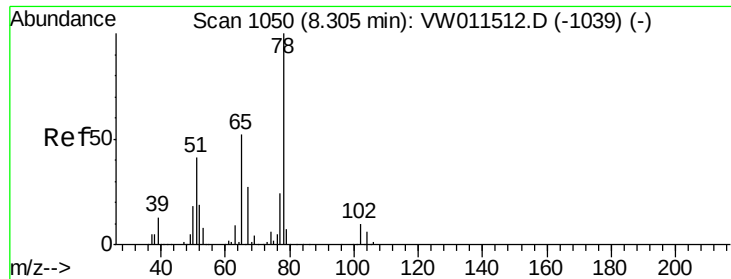


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

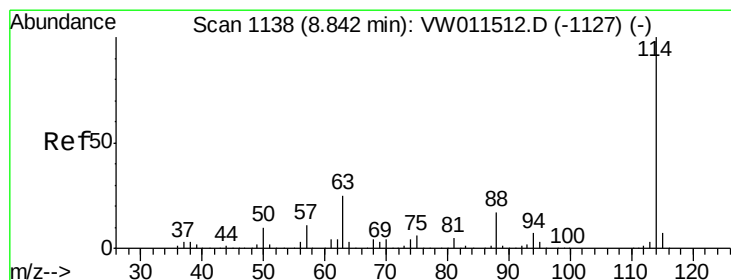
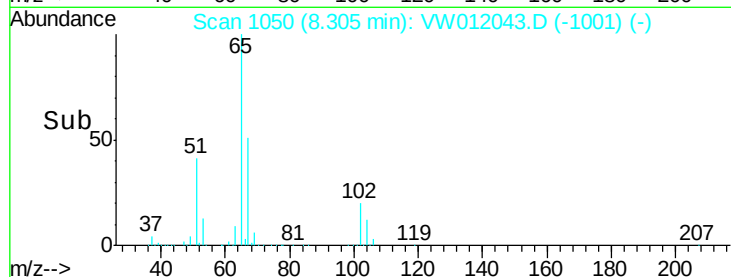
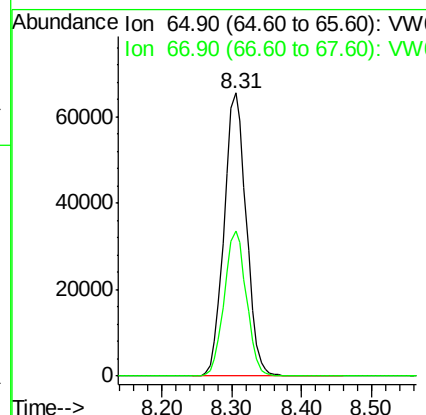
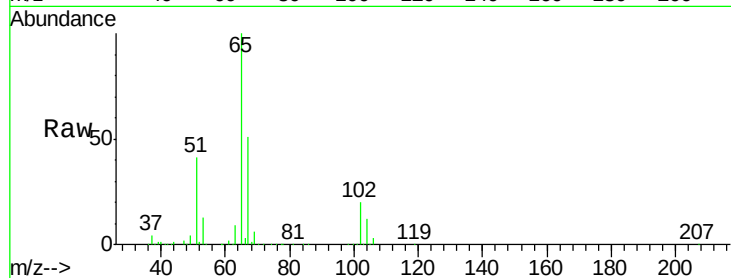




#33
 1,2-Dichloroethane-d4
 Concen: 56.095 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012043.D
 Acq: 20 Aug 2019 21:21

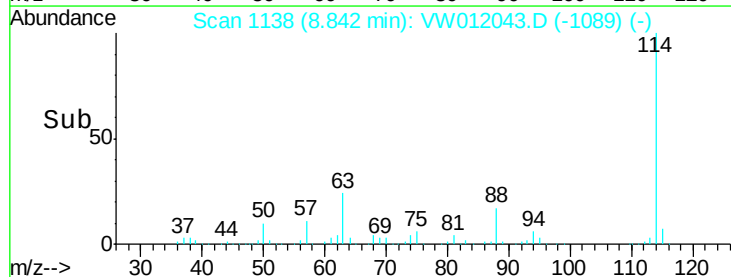
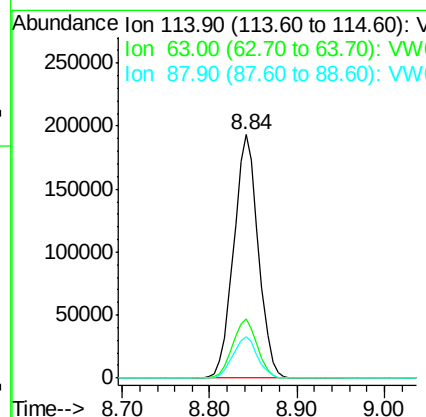
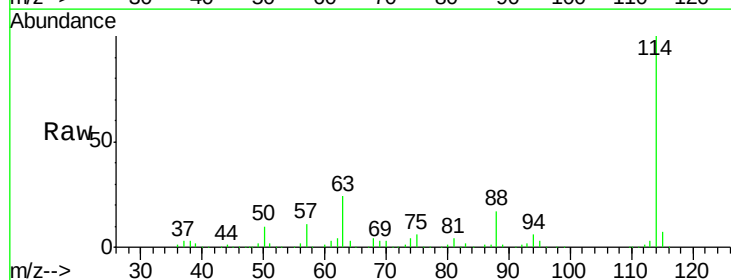
Instrument :
 MSVOA_W
 ClientSampleId :
 T6-D-(0)

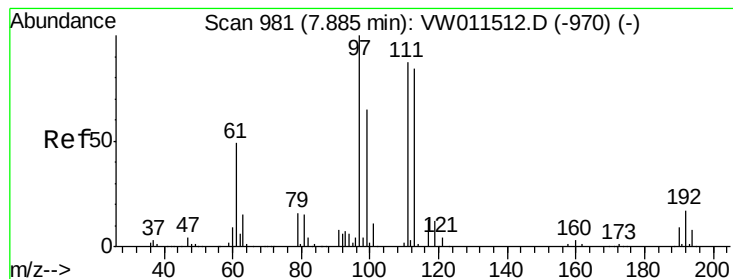
Tot Ion: 65 Resp: 144502
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012043.D
 Acq: 20 Aug 2019 21:21

Tgt Ion: 114 Resp: 376296
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 49.2
 88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 54.528 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012043.D

Acq: 20 Aug 2019 21:21

Instrument :

MSVOA_W

ClientSampleId :

T6-D-(0)

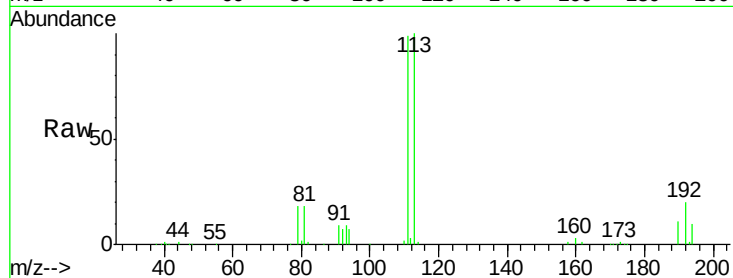
Tot Ion:113 Resp: 115113

Ion Ratio Lower Upper

113 100

111 103.4 82.7 124.1

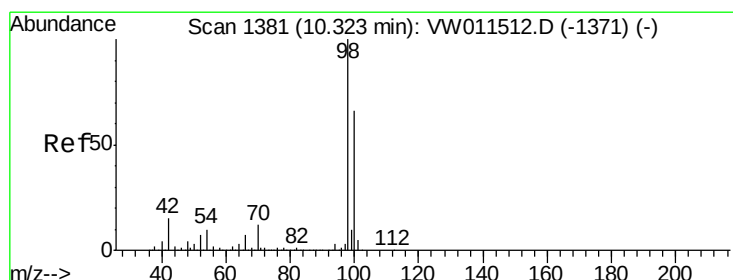
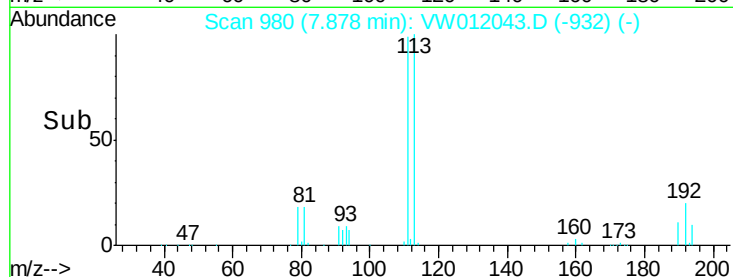
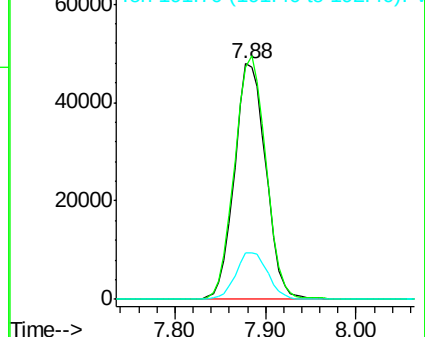
192 20.2 16.1 24.1



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: 49.724 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012043.D

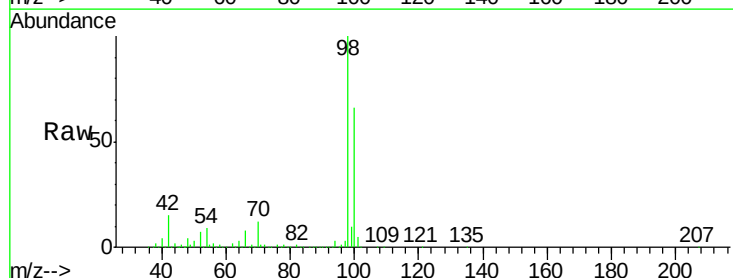
Acq: 20 Aug 2019 21:21

Tgt Ion: 98 Resp: 429785

Ion Ratio Lower Upper

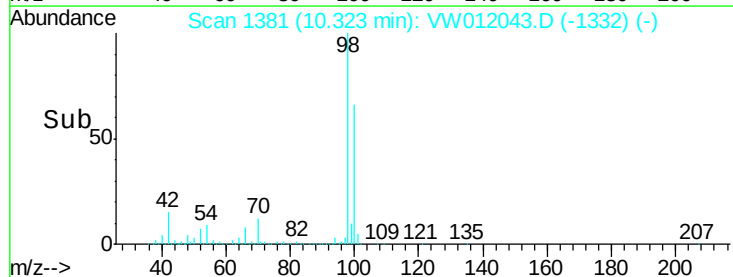
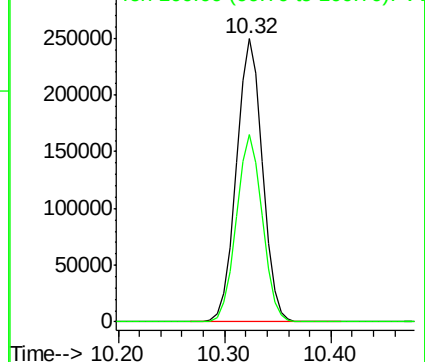
98 100

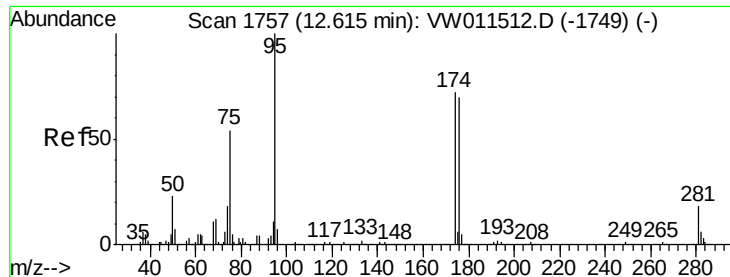
100 65.9 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

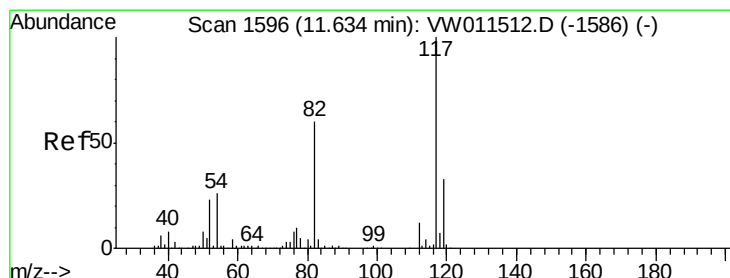
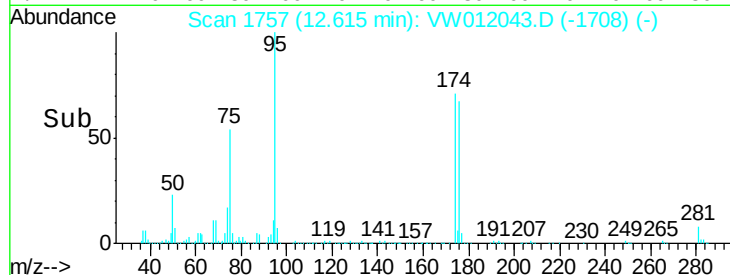
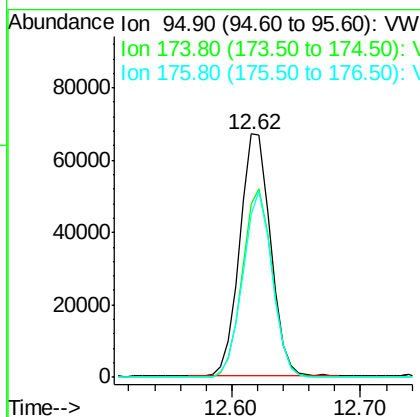
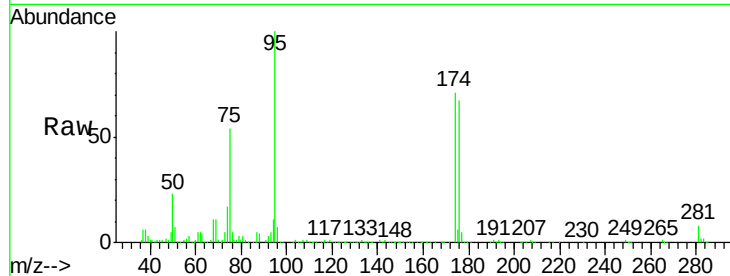




#62
4-Bromofluorobenzene
Concen: 35.967 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012043.D
Acq: 20 Aug 2019 21:21

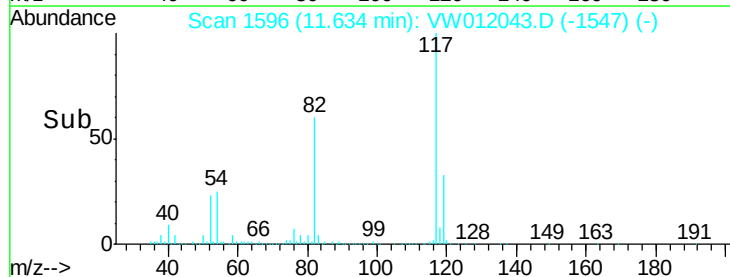
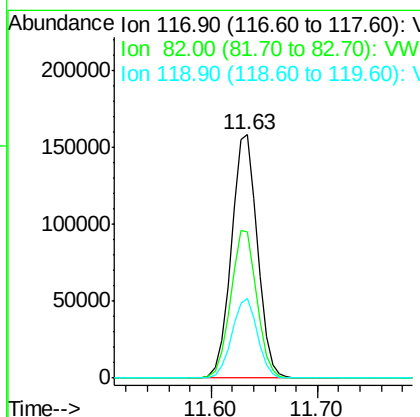
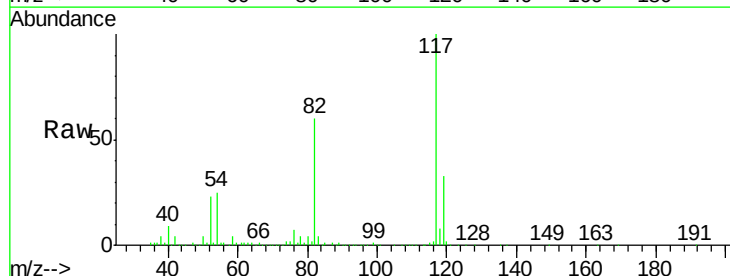
Instrument :
MSVOA_W
ClientSampleId :
T6-D-(0)

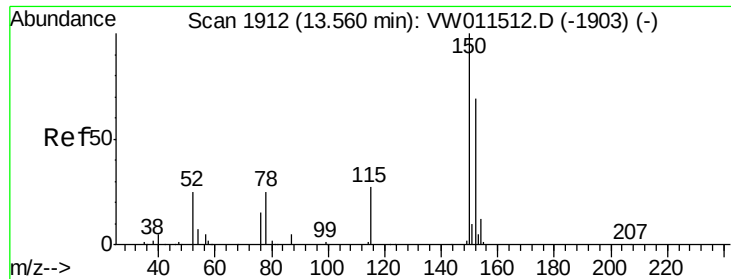
Tot Ion: 95 Resp: 110835
Ion Ratio Lower Upper
95 100
174 75.2 0.0 150.2
176 73.0 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012043.D
Acq: 20 Aug 2019 21:21

Tgt Ion: 117 Resp: 271286
Ion Ratio Lower Upper
117 100
82 60.0 47.9 71.9
119 32.9 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW012043.D

Acq: 20 Aug 2019 21:21

Instrument :

MSVOA_W

ClientSampleId :

T6-D-(0)

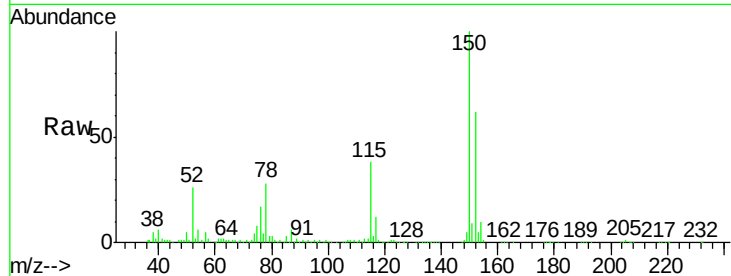
Tot Ion:152 Resp: 69012

Ion Ratio Lower Upper

152 100

115 60.1 30.5 91.5

150 157.3 0.0 352.6



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

