

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090419\
 Data File : VW012601.D
 Acq On : 04 Sep 2019 17:58
 Operator : SY/VA
 Sample : K4525-11RE
 Misc : 5.28G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-B1-(0)RE

Quant Time: Sep 05 07:12:21 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

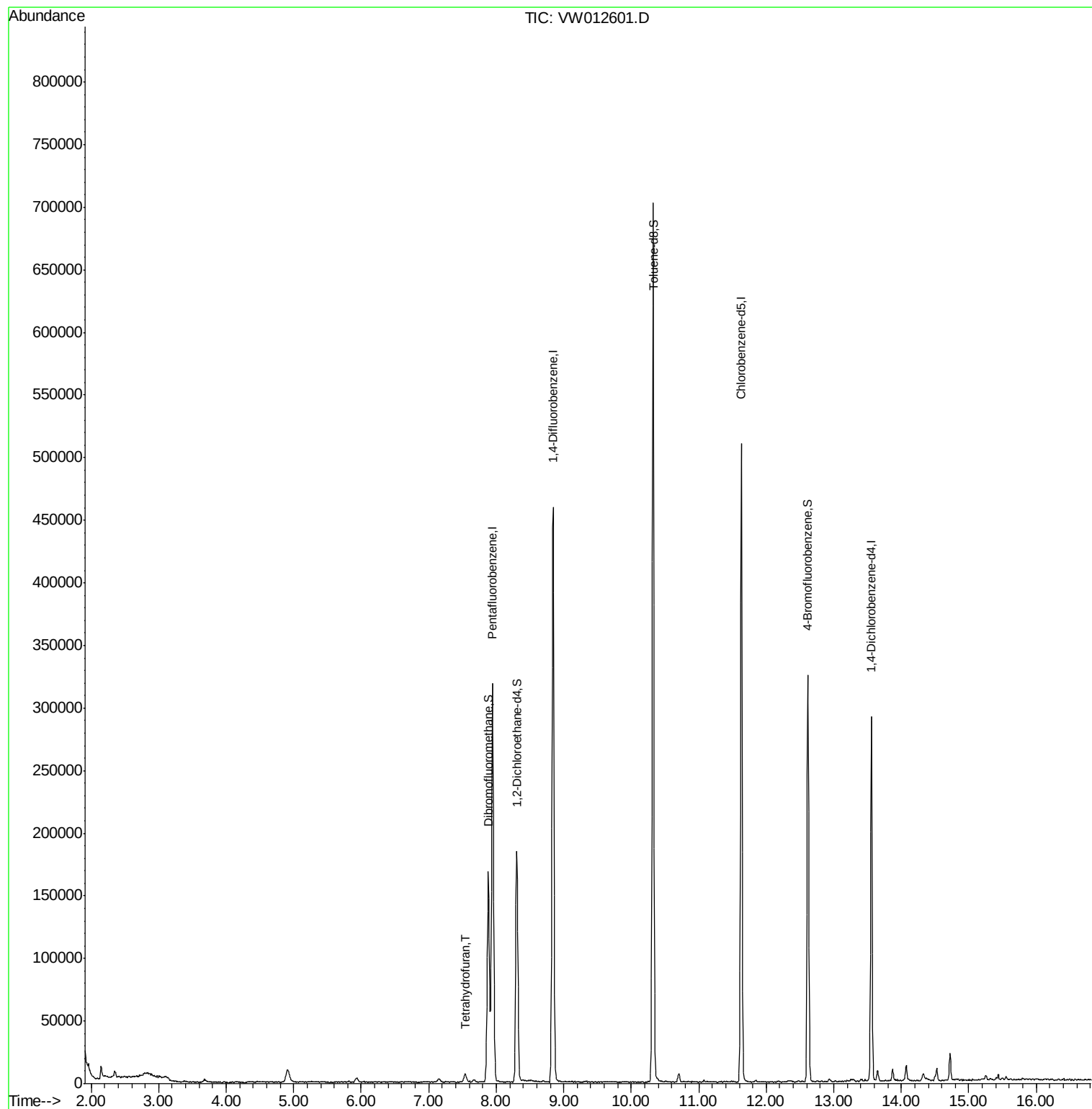
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	225064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	362139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	261087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	71124	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	153837	57.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.00%	
35) Dibromofluoromethane	7.88	113	117711	54.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.90%	
50) Toluene-d8	10.32	98	435261	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.62	95	100813	32.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.26%	
Target Compounds						
29) Tetrahydrofuran	7.54	42	5695	10.214	ug/l #	Qvalue 94

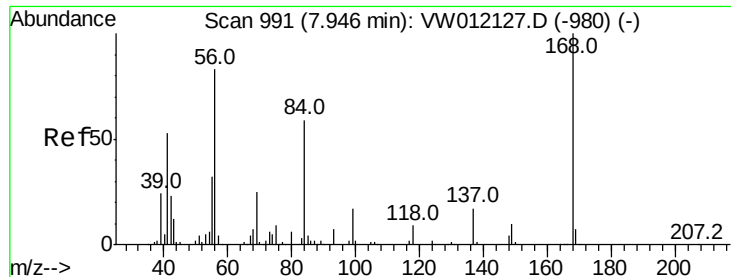
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012601.D

Acq: 04 Sep 2019 17:58

Instrument :

MSVOA_W

ClientSampleId :

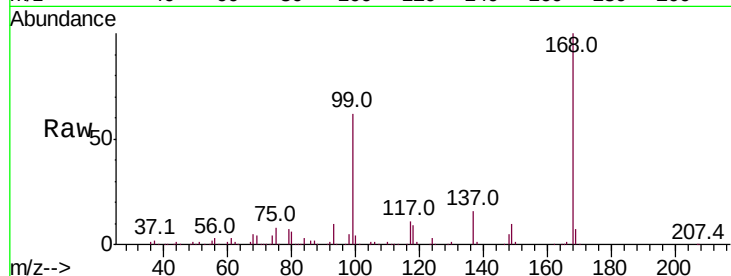
T9-12-13-B1-(0)RE

Tot Ion:168 Resp: 225064

Ion Ratio Lower Upper

168 100

99 62.2 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

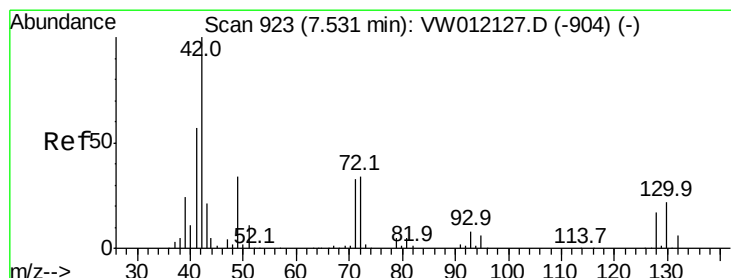
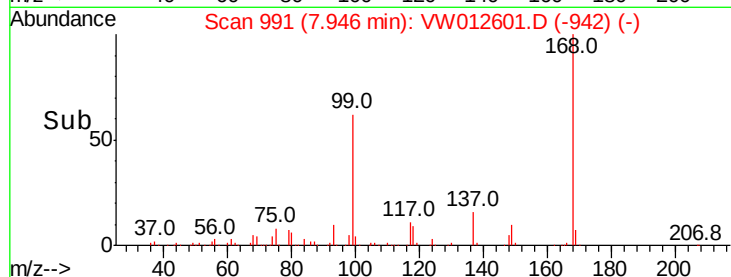
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#29

Tetrahydrofuran

Concen: 10.214 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012601.D

Acq: 04 Sep 2019 17:58

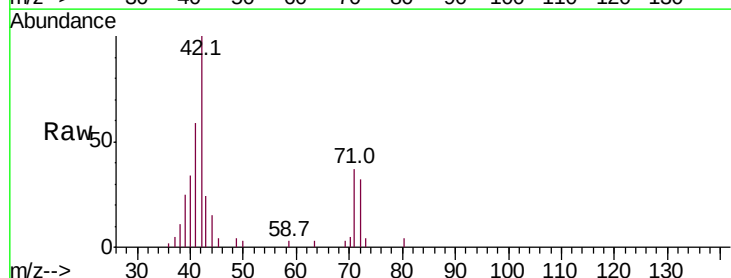
Tgt Ion: 42 Resp: 5695

Ion Ratio Lower Upper

42 100

72 34.3 27.3 40.9

71 38.8 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

7.54

3000

2500

2000

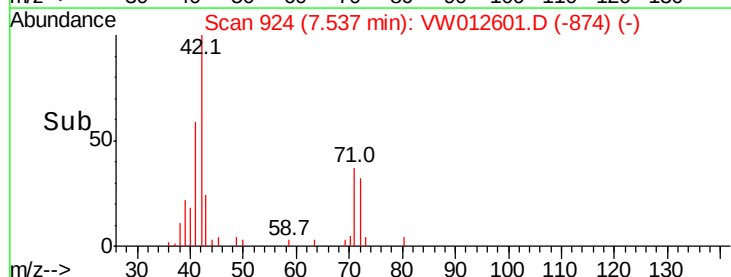
1500

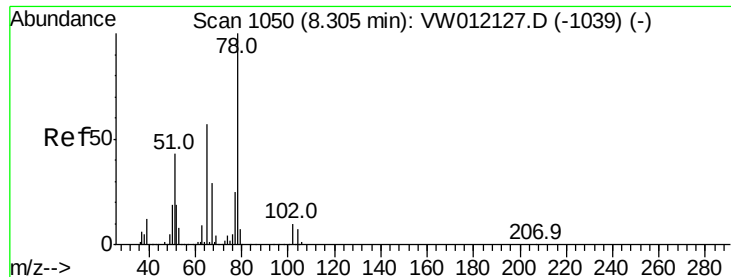
1000

500

0

Time--> 7.45 7.50 7.55 7.60 7.65

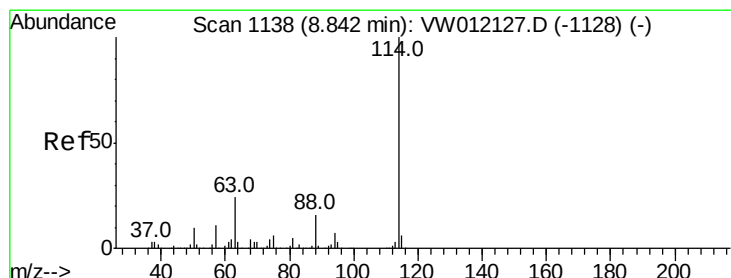
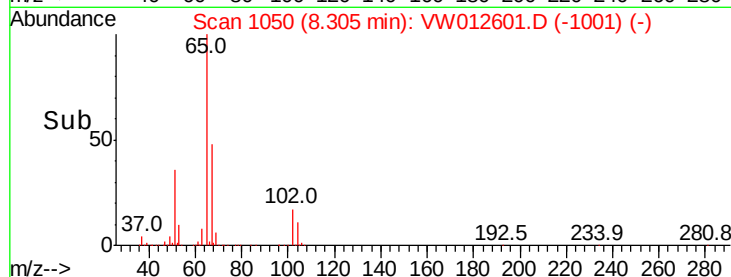
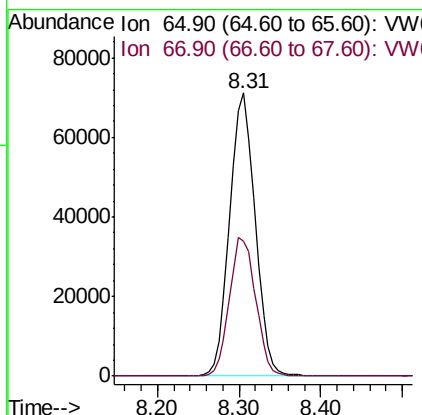
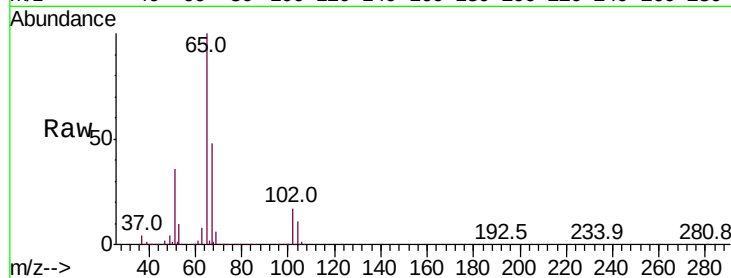




#33
 1,2-Dichloroethane-d4
 Concen: 57.499 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012601.D
 Acq: 04 Sep 2019 17:58

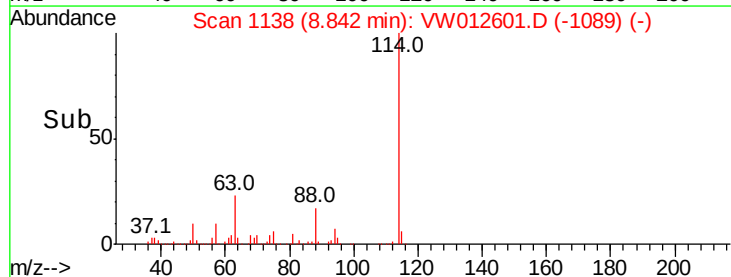
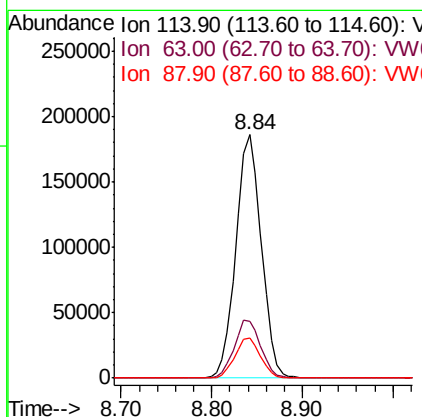
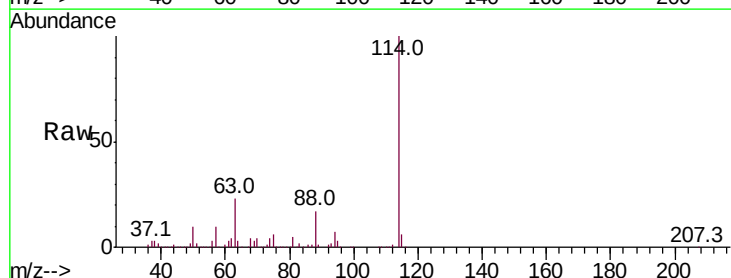
Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-B1-(0)RE

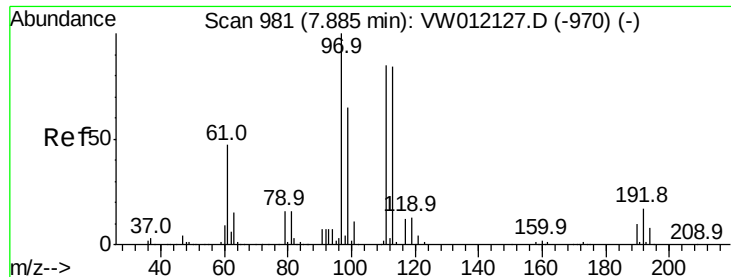
Tot Ion: 65 Resp: 153837
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012601.D
 Acq: 04 Sep 2019 17:58

Tgt Ion: 114 Resp: 362139
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 48.6
 88 16.5 0.0 32.2

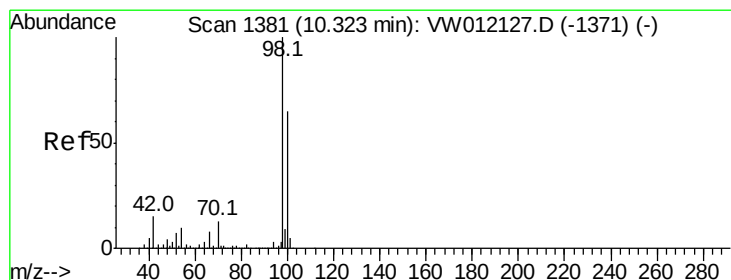
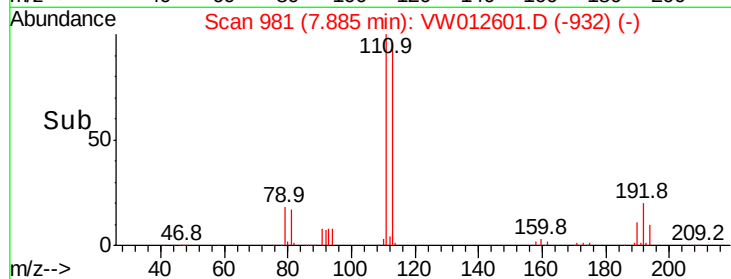
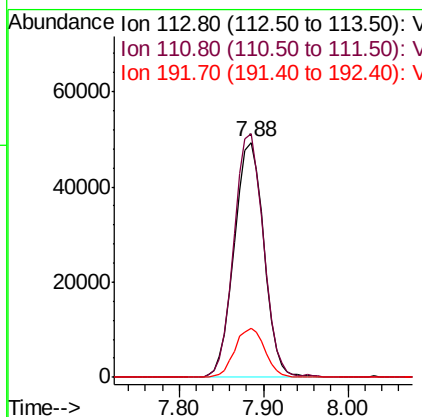
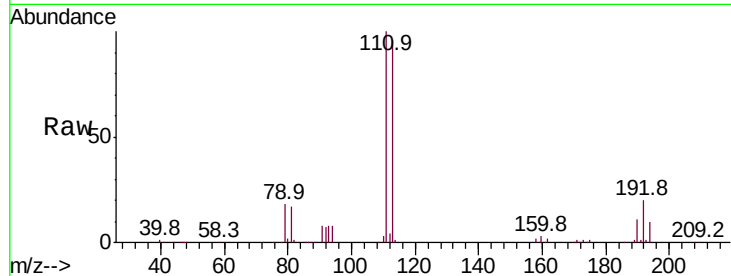




#35
 Dibromofluoromethane
 Concen: 54.455 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012601.D
 Acq: 04 Sep 2019 17:58

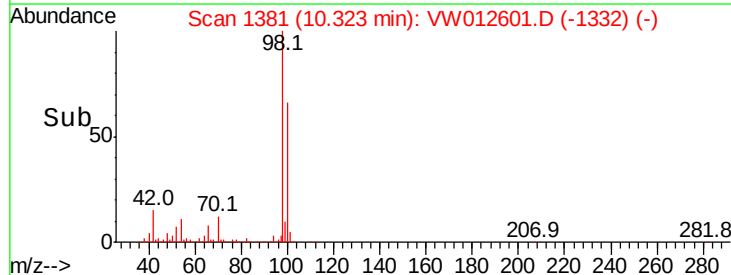
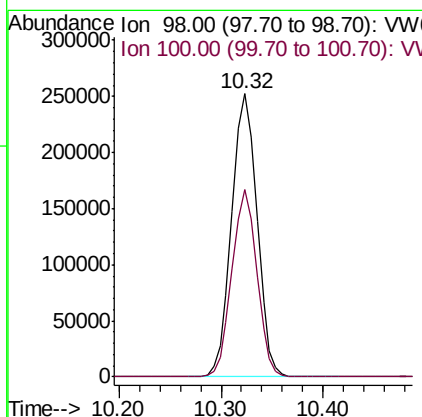
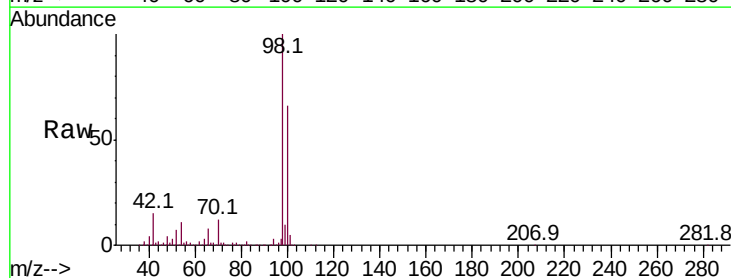
Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-B1-(0)RE

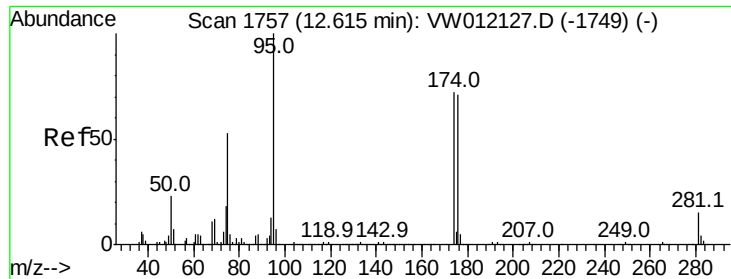
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.7	124.1
192	21.0	16.2	24.2



#50
 Toluene-d8
 Concen: 49.661 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW012601.D
 Acq: 04 Sep 2019 17:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.4	78.6

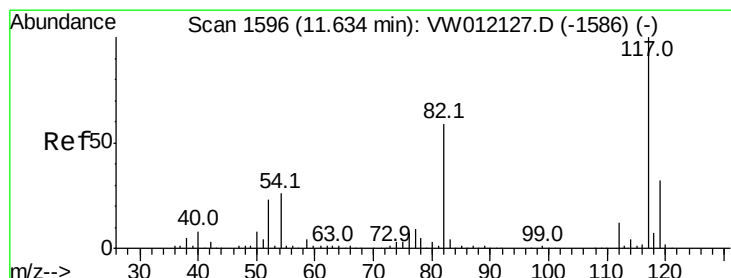
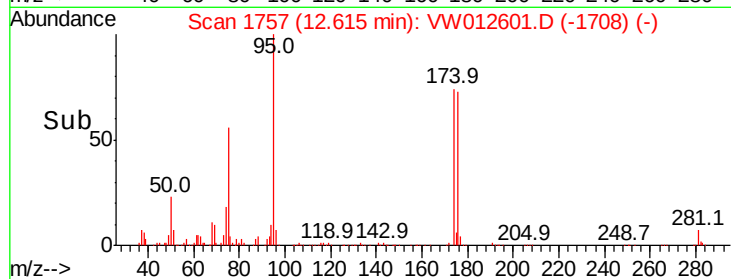
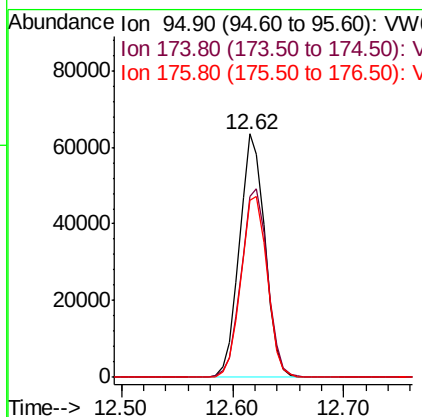
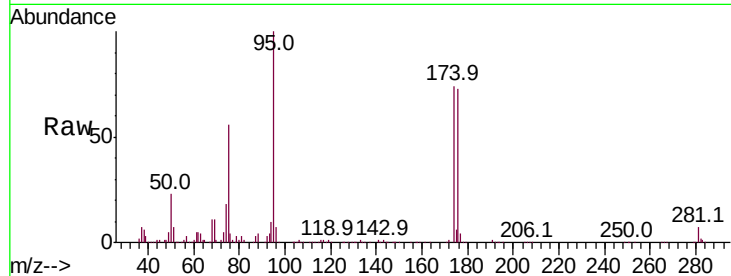




#62
4-Bromofluorobenzene
Concen: 32.630 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012601.D
Acq: 04 Sep 2019 17:58

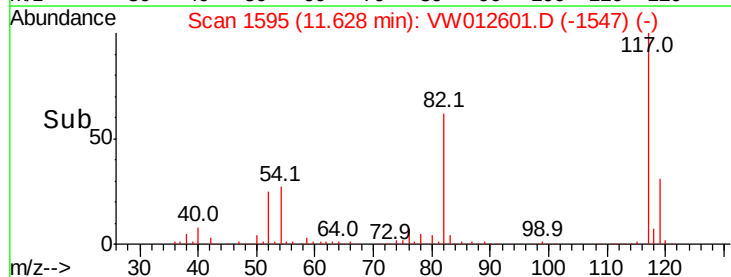
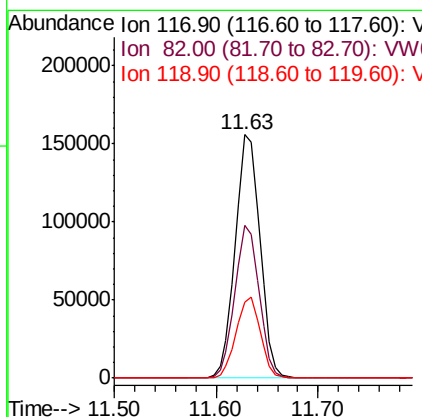
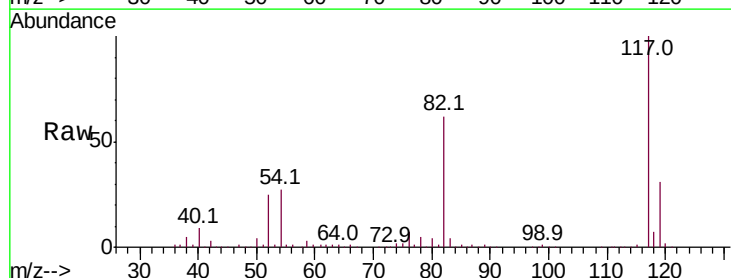
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-B1-(0)RE

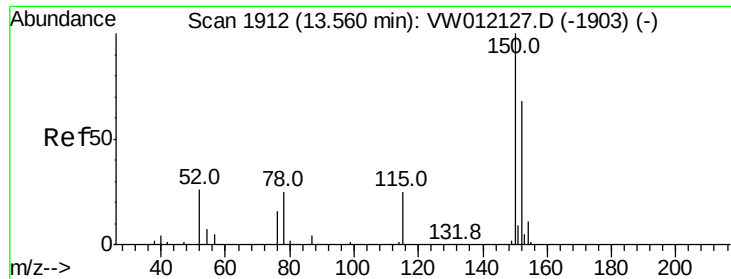
Tot Ion	95	Resp	100813
Ion Ratio	Lower	Upper	
95	100		
174	80.2	0.0	150.8
176	76.6	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012601.D
Acq: 04 Sep 2019 17:58

Tgt Ion	117	Resp	261087
Ion Ratio	Lower	Upper	
117	100		
82	62.5	47.4	71.2
119	31.2	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: VW012601.D

Acq: 04 Sep 2019 17:58

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-B1-(0)RE

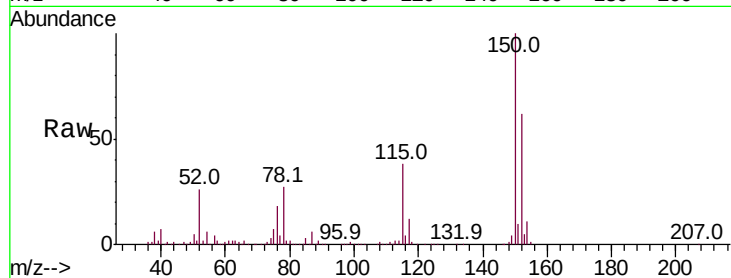
Tot Ion:152 Resp: 71124

Ion Ratio Lower Upper

152 100

115 61.2 30.1 90.3

150 157.4 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

