

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012647.D
 Acq On : 05 Sep 2019 18:03
 Operator : SY/VA
 Sample : K4547-19
 Misc : 5.28G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T11-1-(0)

Quant Time: Sep 06 08:13:10 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

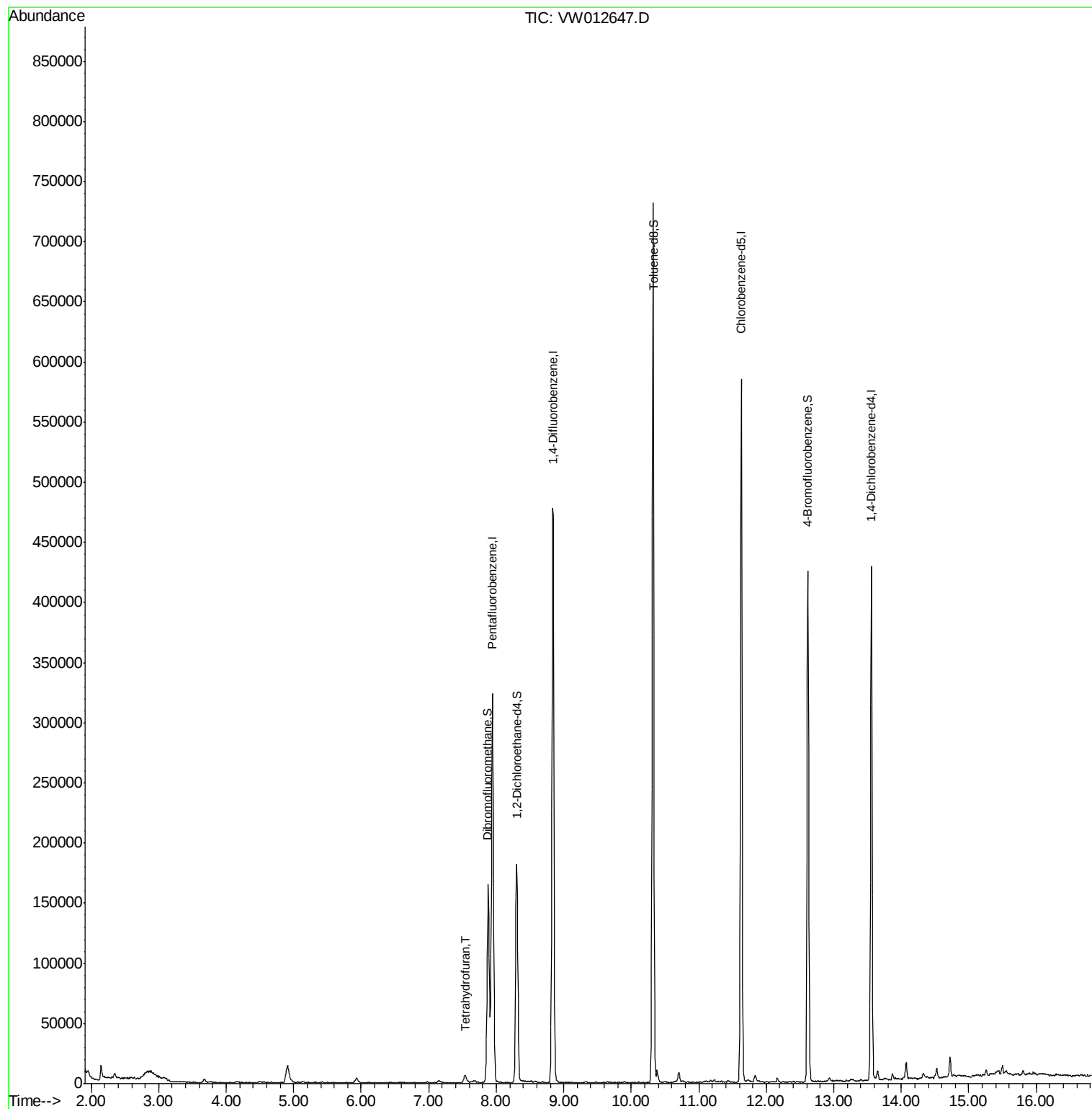
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	237618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	384282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	307933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	109423	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	151223	53.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.08%	
35) Dibromofluoromethane	7.88	113	118496	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
50) Toluene-d8	10.32	98	456206	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
62) 4-Bromofluorobenzene	12.62	95	136998	41.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.58%	
Target Compounds						
29) Tetrahydrofuran	7.54	42	5691	9.668	ug/l #	Qvalue 83

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

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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: VW012647.D

Acq: 05 Sep 2019 18:03

Instrument :

MSVOA_W

ClientSampleId :

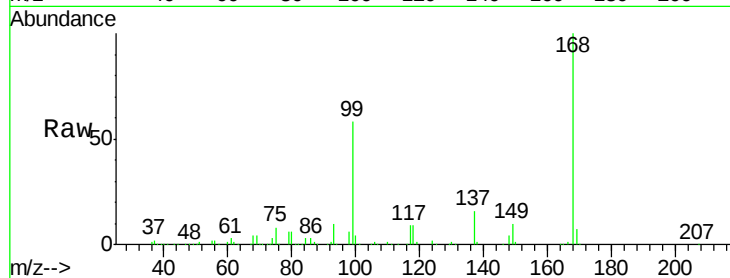
T11-1-(0)

Tot Ion:168 Resp: 237618

Ion Ratio Lower Upper

168 100

99 58.4 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

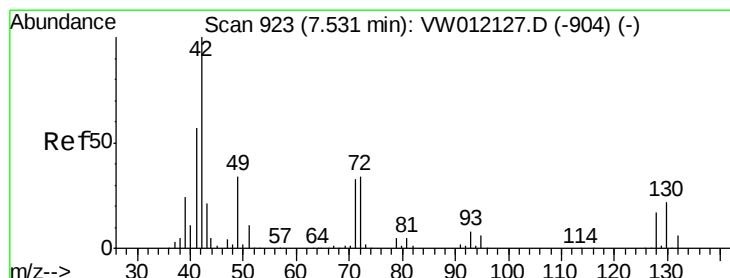
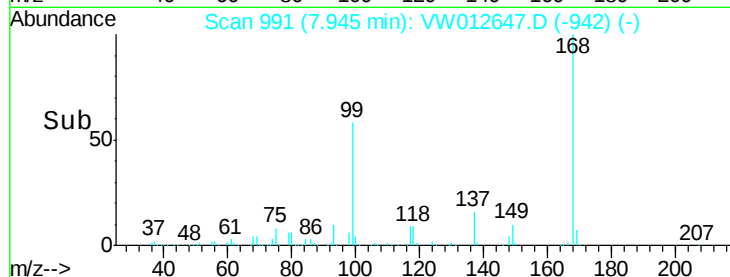
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#29

Tetrahydrofuran

Concen: 9.668 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012647.D

Acq: 05 Sep 2019 18:03

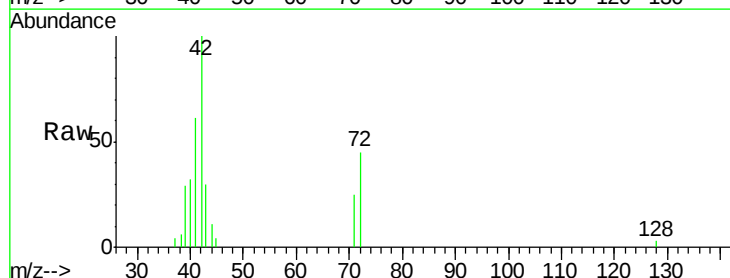
Tgt Ion: 42 Resp: 5691

Ion Ratio Lower Upper

42 100

72 40.3 27.3 40.9

71 18.6 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

2500

2000

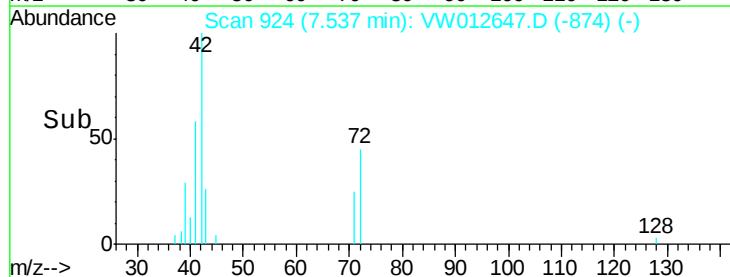
1500

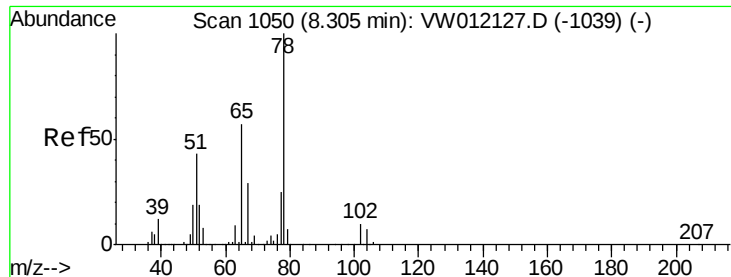
1000

500

0

Time--> 7.45 7.50 7.55 7.60 7.65

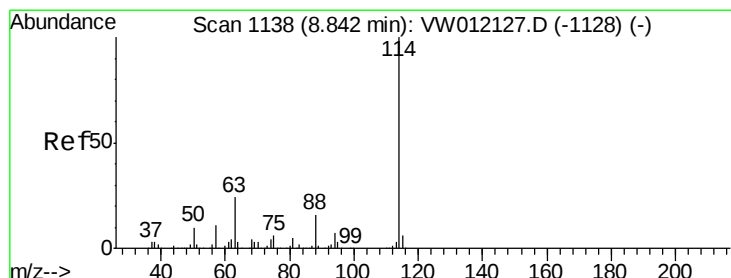
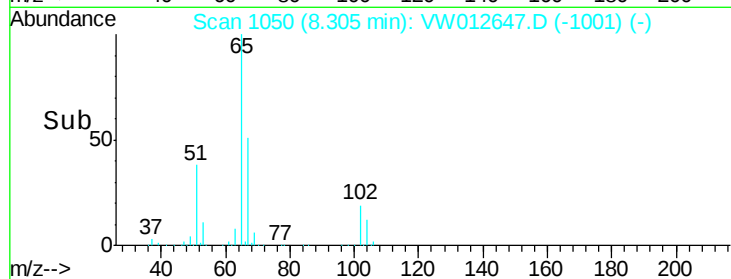
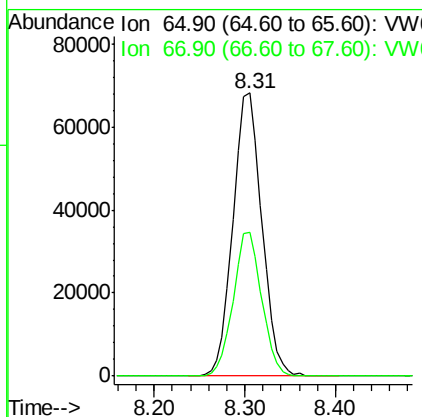
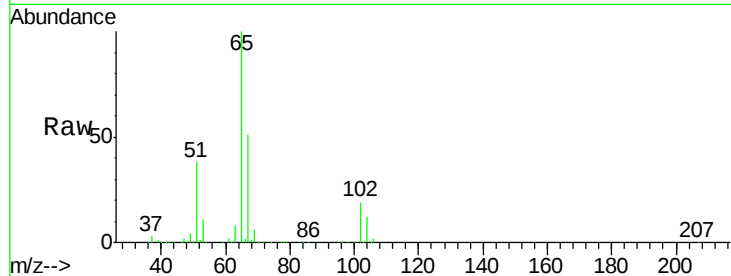




#33
 1,2-Dichloroethane-d4
 Concen: 53.536 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012647.D
 Acq: 05 Sep 2019 18:03

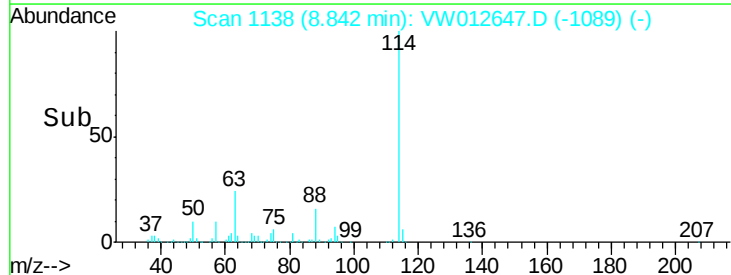
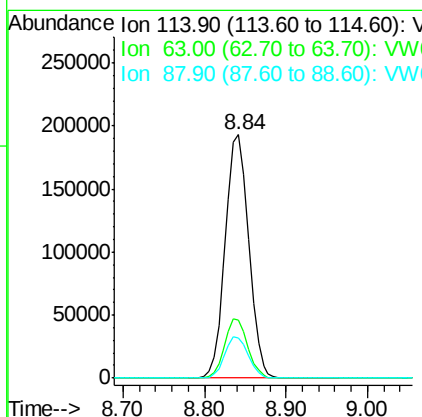
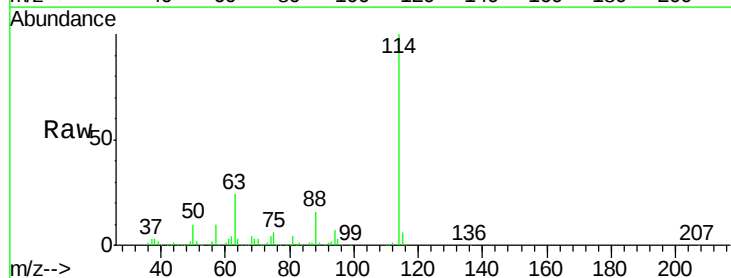
Instrument :
 MSVOA_W
 ClientSampleId :
 T11-1-(0)

Tot Ion: 65 Resp: 151223
 Ion Ratio Lower Upper
 65 100
 67 50.2 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: VW012647.D
 Acq: 05 Sep 2019 18:03

Tgt Ion: 114 Resp: 384282
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 48.6
 88 16.2 0.0 32.2





#35

Dibromofluoromethane

Concen: 51.659 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012647.D

Acq: 05 Sep 2019 18:03

Instrument :

MSVOA_W

ClientSampleId :

T11-1-(0)

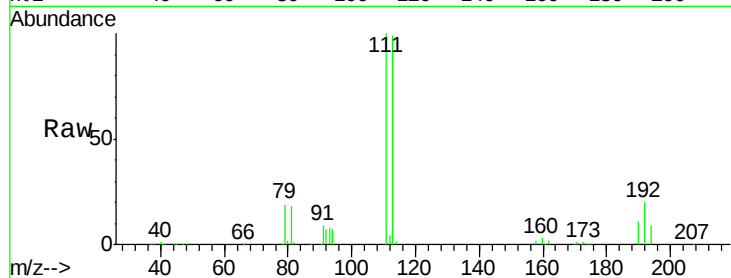
Tot Ion:113 Resp: 118496

Ion Ratio Lower Upper

113 100

111 101.6 82.7 124.1

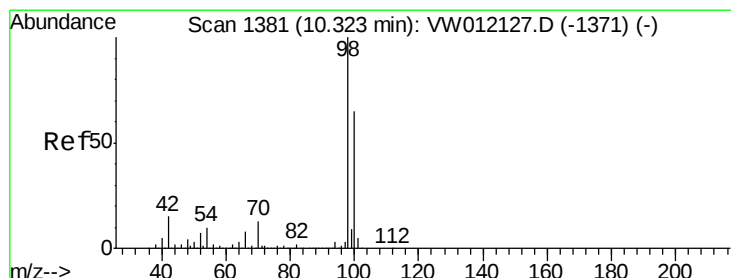
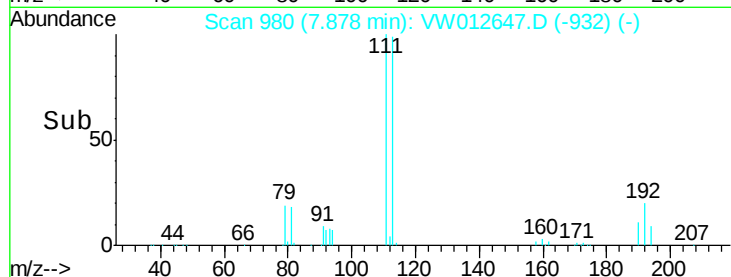
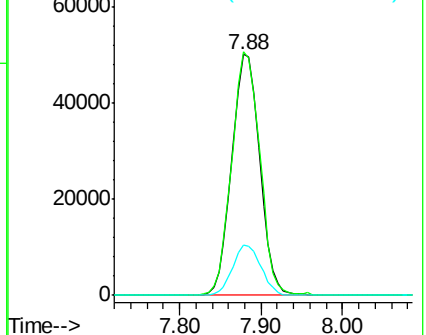
192 21.3 16.2 24.2



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: 49.051 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012647.D

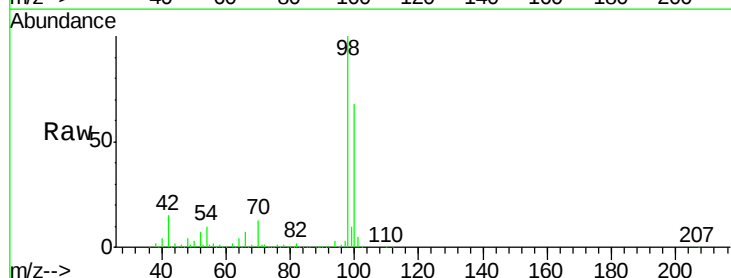
Acq: 05 Sep 2019 18:03

Tgt Ion: 98 Resp: 456206

Ion Ratio Lower Upper

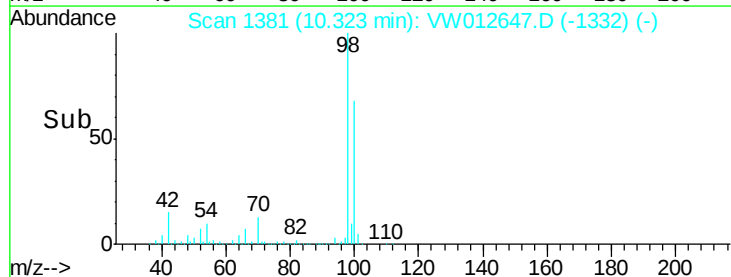
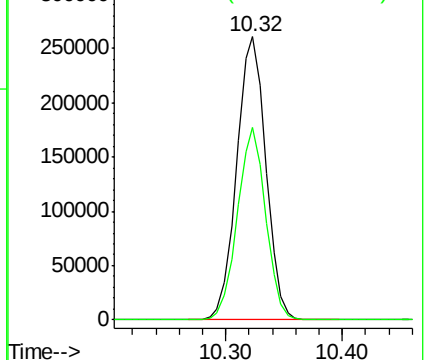
98 100

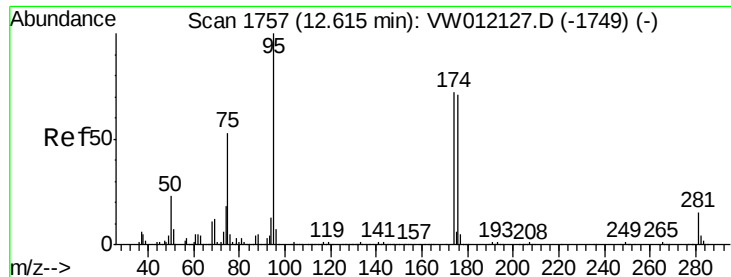
100 65.6 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

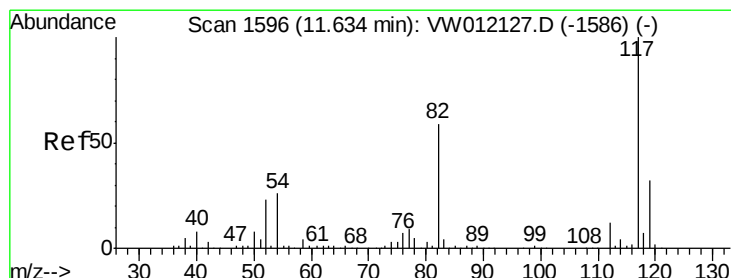
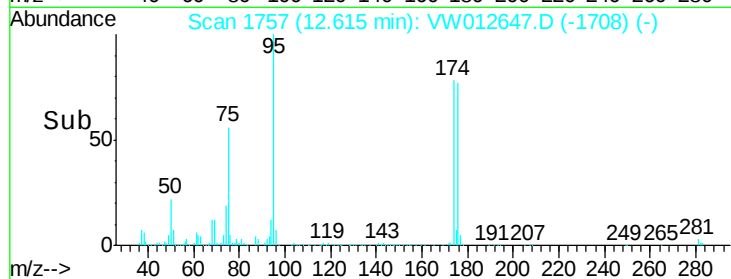
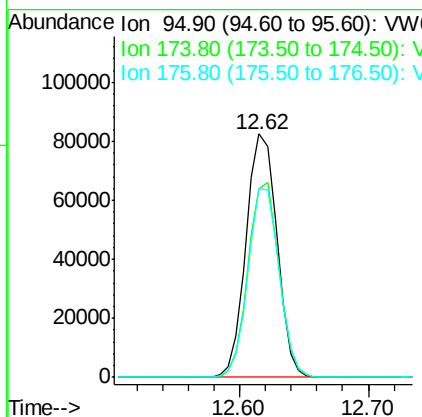
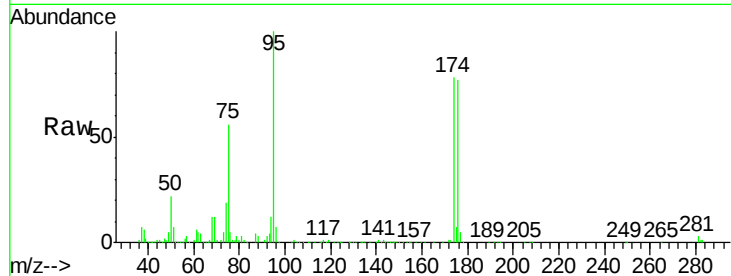




#62
4-Bromofluorobenzene
Concen: 41.787 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012647.D
Acq: 05 Sep 2019 18:03

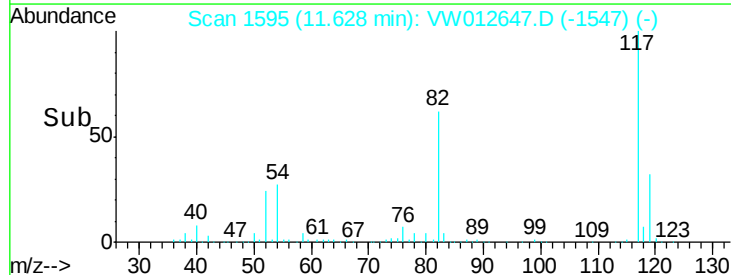
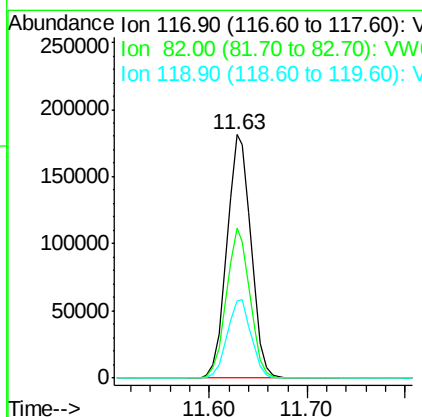
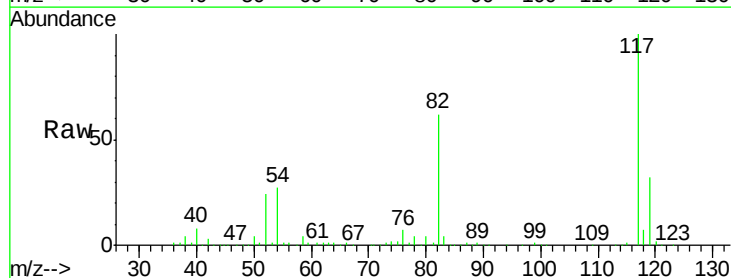
Instrument :
MSVOA_W
ClientSampled :
T11-1-(0)

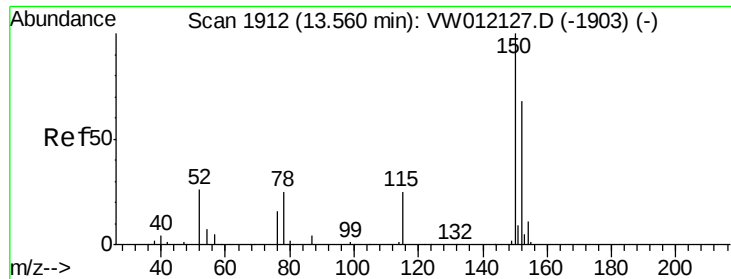
Tot Ion	95	Resp	136998
Ion Ratio	Lower	Upper	
95	100		
174	79.6	0.0	150.8
176	77.9	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012647.D
Acq: 05 Sep 2019 18:03

Tgt Ion	117	Resp	307933
Ion Ratio	Lower	Upper	
117	100		
82	61.9	47.4	71.2
119	31.8	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: VW012647.D
 Acq: 05 Sep 2019 18:03

Instrument :
 MSVOA_W
 ClientSampleId :
 T11-1-(0)

Tot Ion:	152	Resp:	109423
Ion	Ratio	Lower	Upper
152	100		
115	58.9	30.1	90.3
150	157.9	0.0	345.8

