

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082819\
 Data File : VW012254.D
 Acq On : 28 Aug 2019 15:15
 Operator : SY/VA
 Sample : K4509-03
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-49-10.5-11.0

Quant Time: Aug 28 18:40:51 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

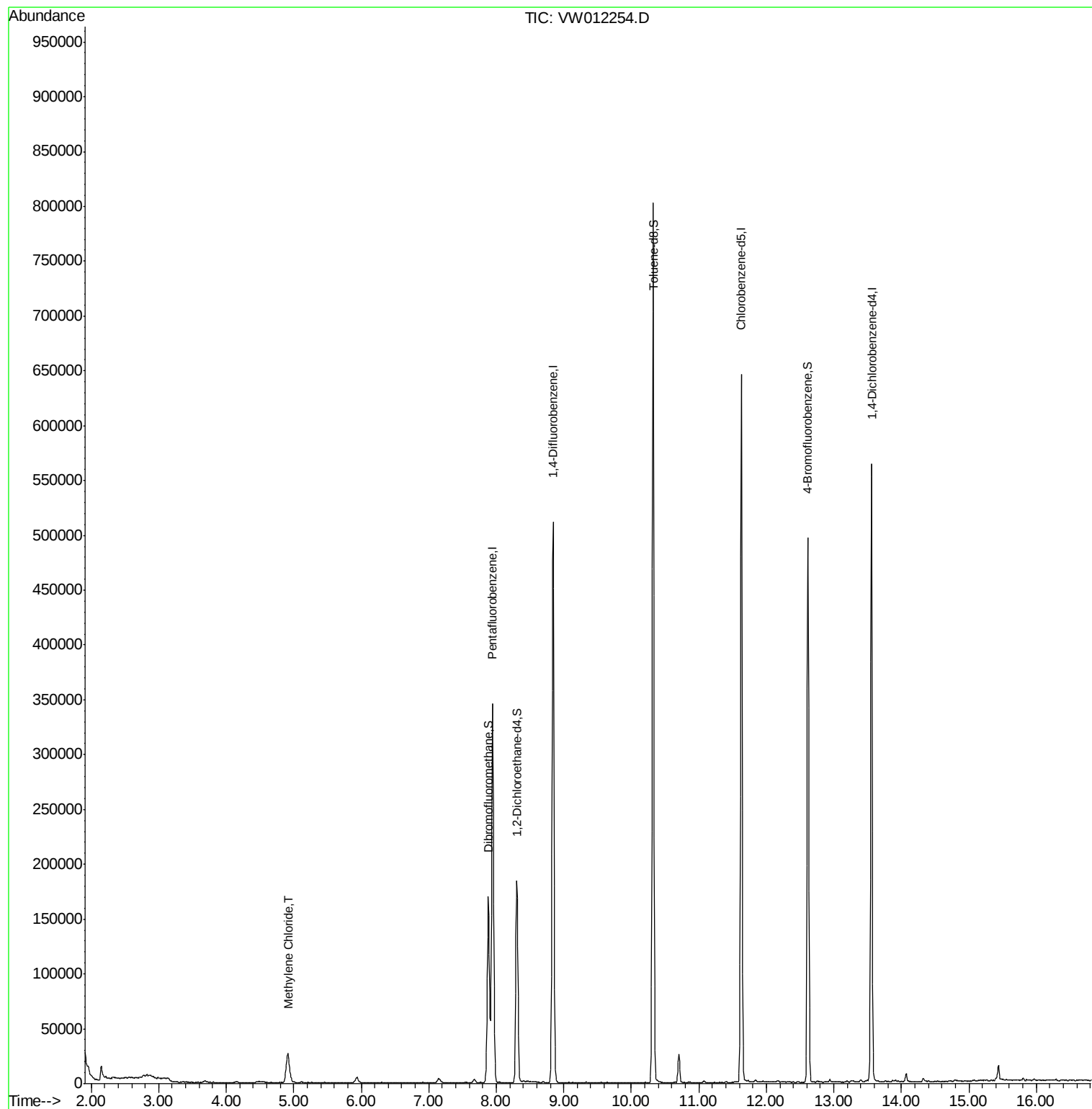
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	250640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	408474	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	341377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	142961	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	144954	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
35) Dibromofluoromethane	7.88	113	120759	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
50) Toluene-d8	10.32	98	501365	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.62	95	161995	46.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.98%	
Target Compounds						
20) Methylene Chloride	4.92	84	20067	6.970	ug/l	Qvalue 99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082819\
Data File : VW012254.D
Acq On : 28 Aug 2019 15:15
Operator : SY/VA
Sample : K4509-03
Misc : 5.02G/5ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-49-10.5-11.0

Quant Time: Aug 28 18:40:51 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
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: VW012254.D

Acq: 28 Aug 2019 15:15

Instrument :

MSVOA_W

ClientSampleId :

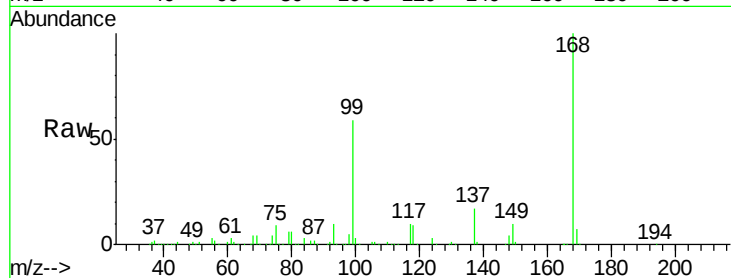
SB-49-10.5-11.0

Tot Ion:168 Resp: 250640

Ion Ratio Lower Upper

168 100

99 59.3 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

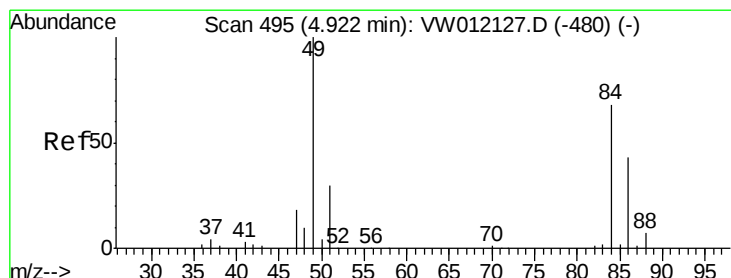
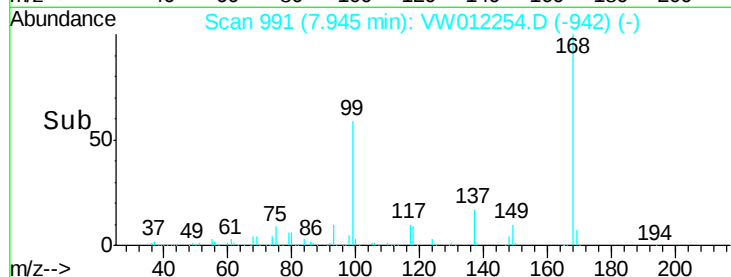
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 6.970 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012254.D

Acq: 28 Aug 2019 15:15

Tgt Ion: 84 Resp: 20067

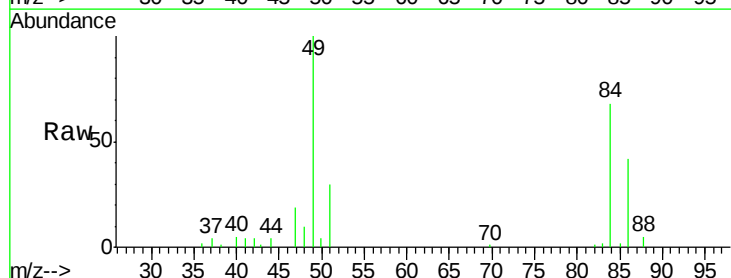
Ion Ratio Lower Upper

84 100

49 146.9 117.8 176.8

51 43.7 35.6 53.4

86 61.5 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

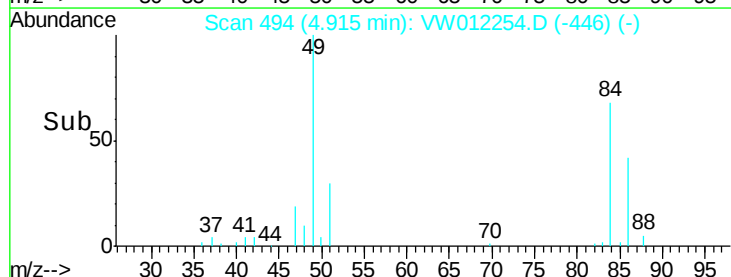
4.92

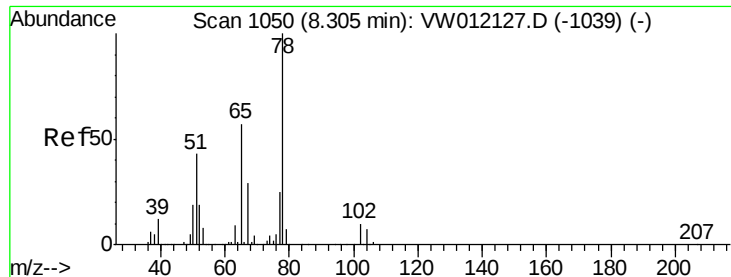
10000

5000

0

Time--> 4.80 4.90 5.00





#33

1,2-Dichloroethane-d4

Concen: 48.650 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012254.D

Acq: 28 Aug 2019 15:15

Instrument :

MSVOA_W

ClientSampleId :

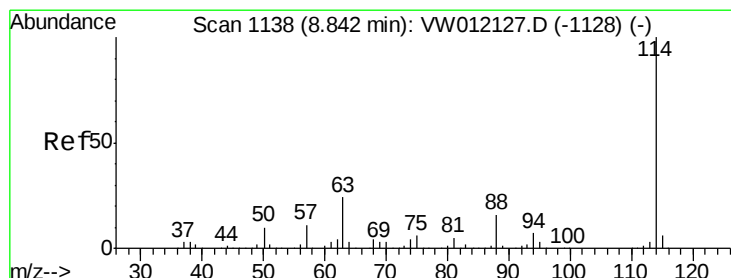
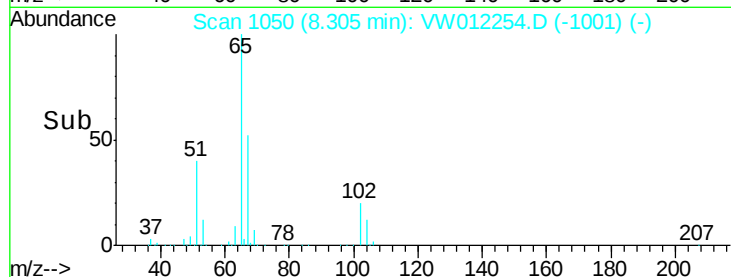
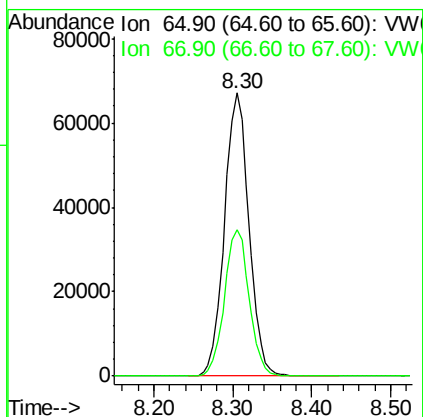
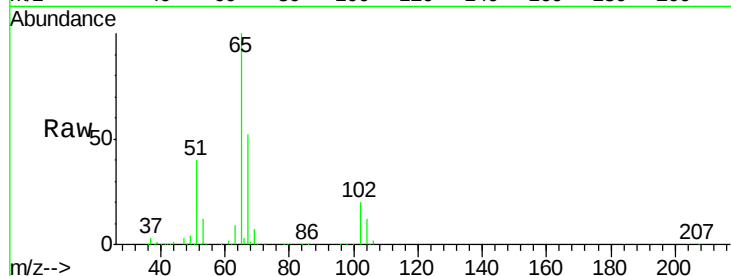
SB-49-10.5-11.0

Tot Ion: 65 Resp: 144954

Ion Ratio Lower Upper

65 100

67 52.1 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: VW012254.D

Acq: 28 Aug 2019 15:15

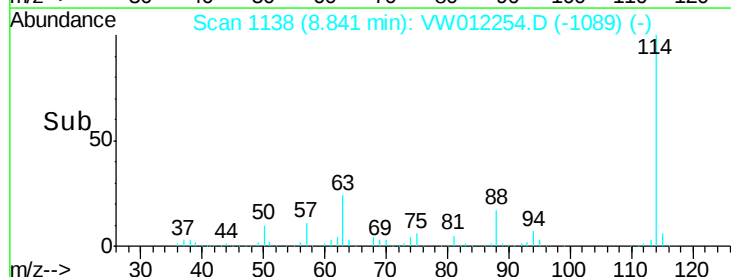
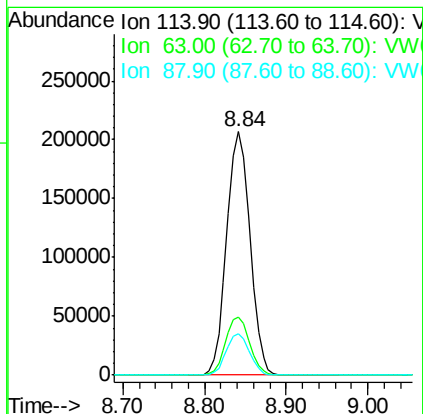
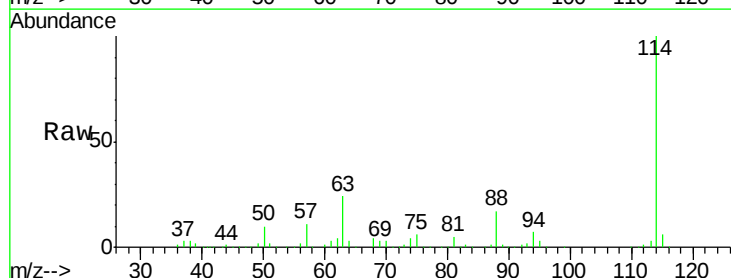
Tgt Ion: 114 Resp: 408474

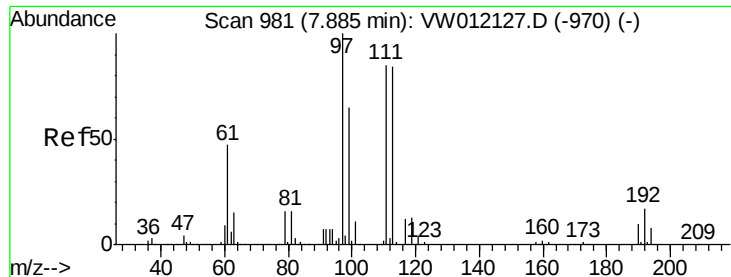
Ion Ratio Lower Upper

114 100

63 24.0 0.0 48.6

88 17.0 0.0 32.2

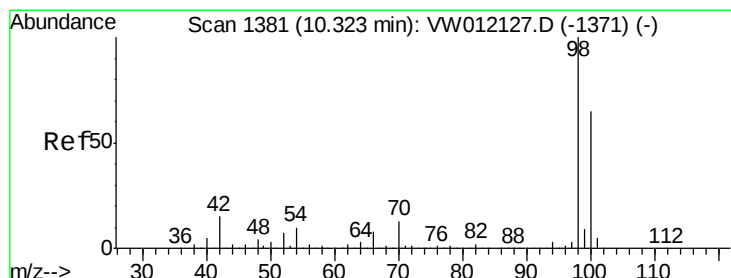
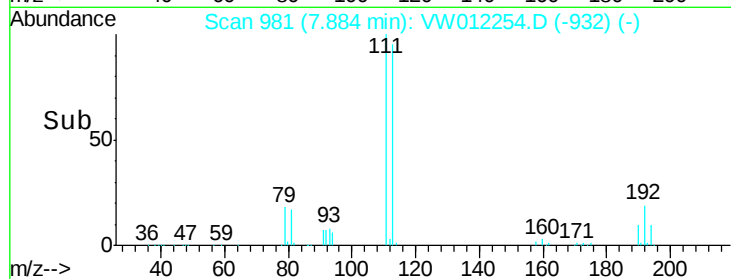
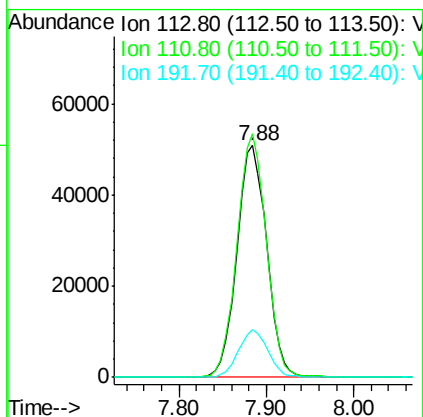
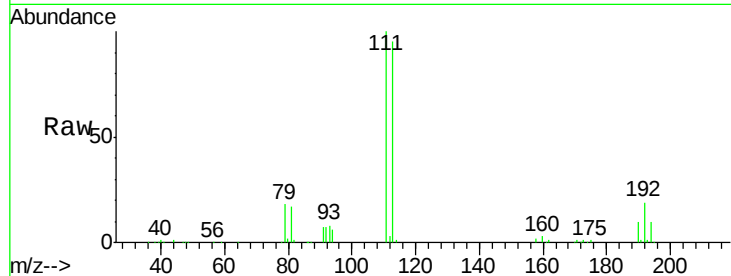




#35
Dibromofluoromethane
Concen: 49.528 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW012254.D
Acq: 28 Aug 2019 15:15

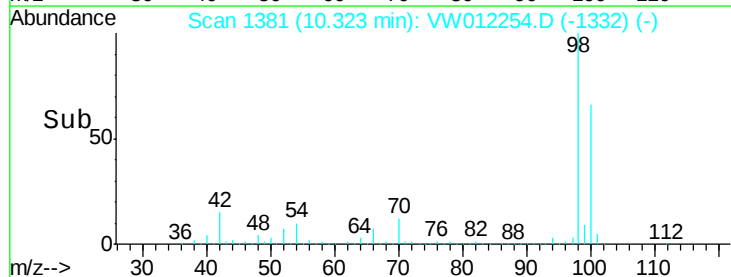
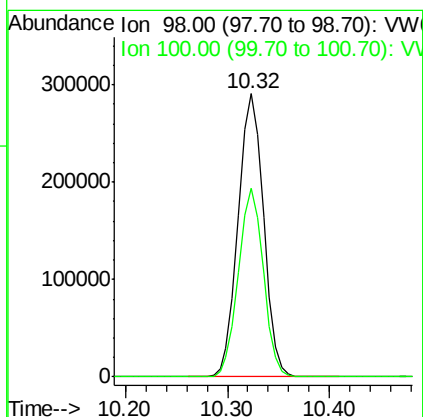
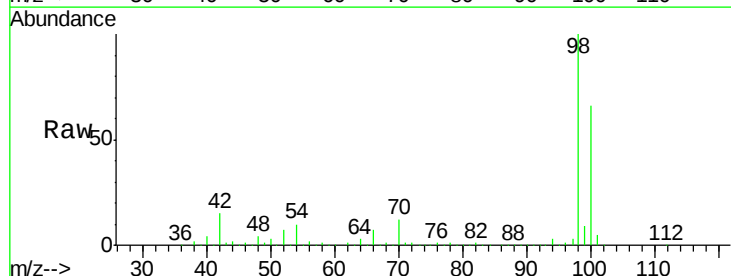
Instrument :
MSVOA_W
ClientSampleId :
SB-49-10.5-11.0

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.7	124.1
192	20.1	16.2	24.2



#50
Toluene-d8
Concen: 50.714 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012254.D
Acq: 28 Aug 2019 15:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.4	78.6

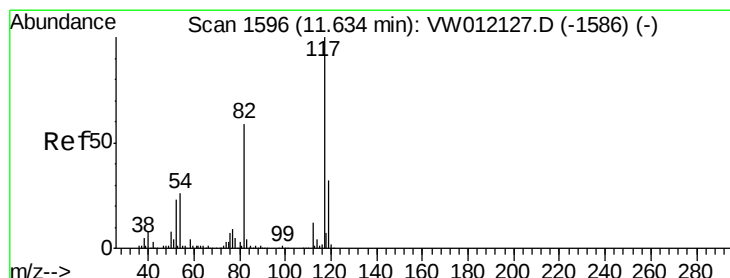
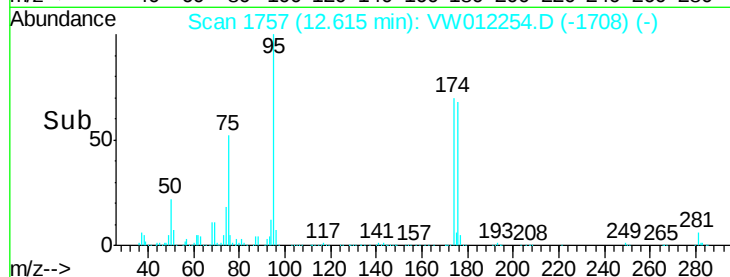
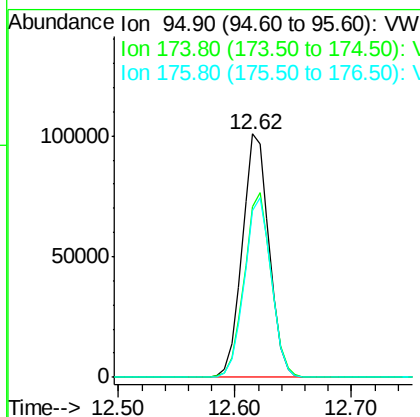
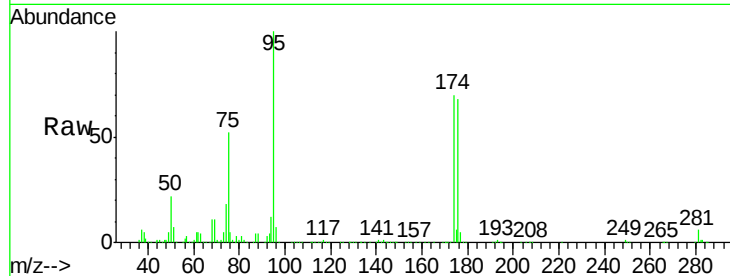




#62
4-Bromofluorobenzene
Concen: 46.485 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012254.D
Acq: 28 Aug 2019 15:15

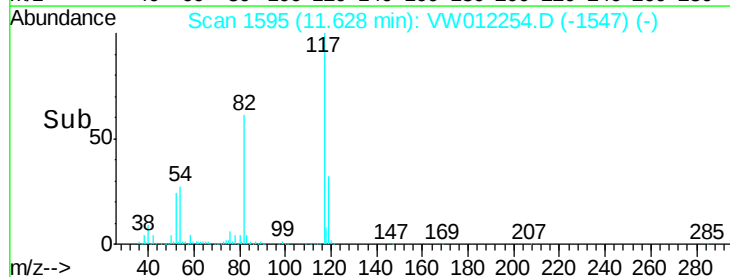
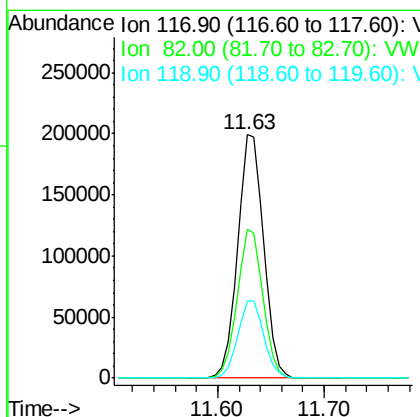
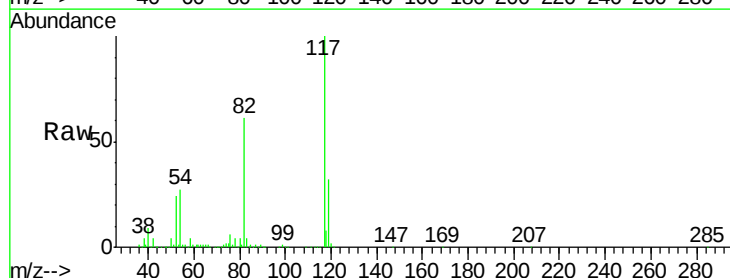
Instrument :
MSVOA_W
ClientSampleId :
SB-49-10.5-11.0

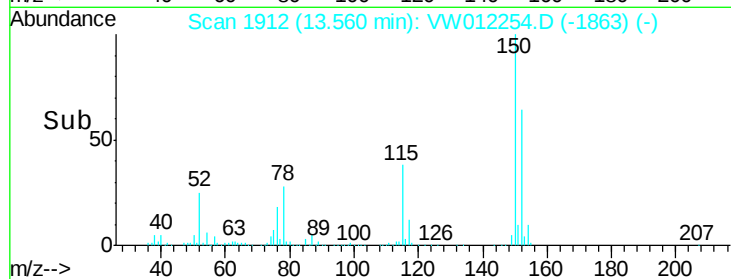
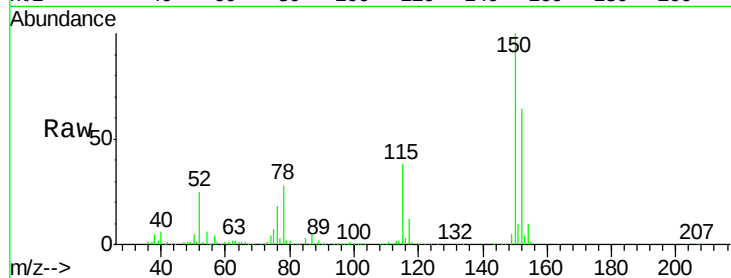
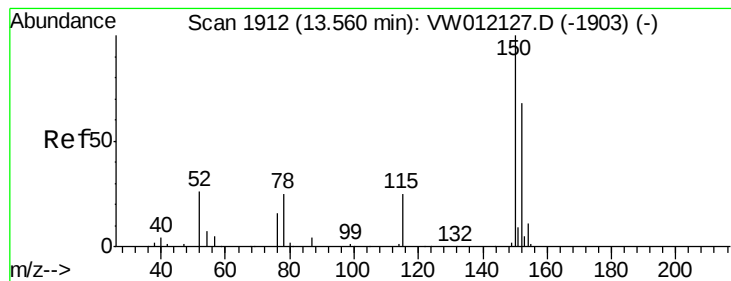
Tot Ion	95	Resp	161995
Ion Ratio	Lower	Upper	
95	100		
174	75.9	0.0	150.8
176	74.1	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012254.D
Acq: 28 Aug 2019 15:15

Tgt Ion	117	Resp	341377
Ion Ratio	Lower	Upper	
117	100		
82	61.2	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: VW012254.D

Acq: 28 Aug 2019 15:15

Instrument :

MSVOA_W

ClientSampleId :

SB-49-10.5-11.0

Tot Ion:152 Resp: 142961

Ion Ratio Lower Upper

152 100

115 60.3 30.1 90.3

150 157.0 0.0 345.8

