

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090419\
 Data File : VW012603.D
 Acq On : 04 Sep 2019 18:49
 Operator : SY/VA
 Sample : K4525-04
 Misc : 6.85G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-A3-(0)

Quant Time: Sep 05 07:16:02 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

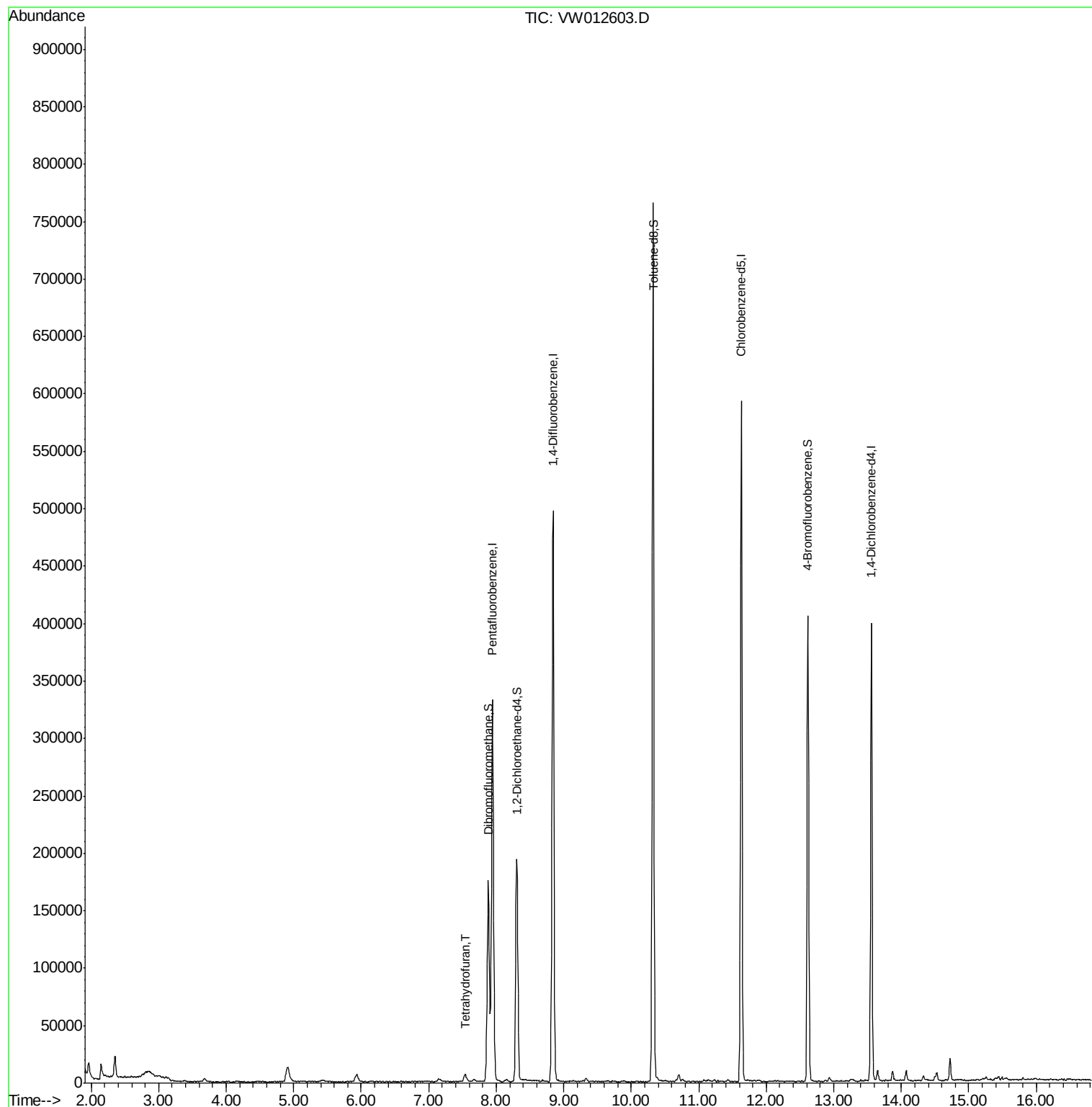
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	236727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	387290	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	306524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	98528	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	161860	57.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.04%	
35) Dibromofluoromethane	7.88	113	123442	53.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.80%	
50) Toluene-d8	10.32	98	469715	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
62) 4-Bromofluorobenzene	12.62	95	125792	38.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.14%	
Target Compounds						
29) Tetrahydrofuran	7.54	42	6126	10.446	ug/l	Qvalue 98

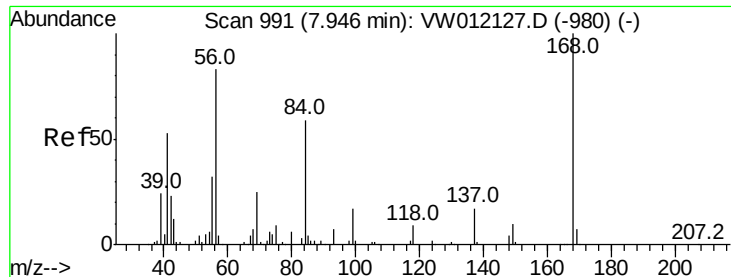
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

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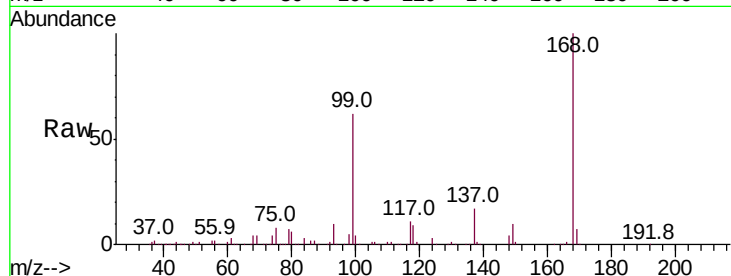
T9-12-13-A3-(0)

Tot Ion:168 Resp: 236727

Ion Ratio Lower Upper

168 100

99 61.6 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

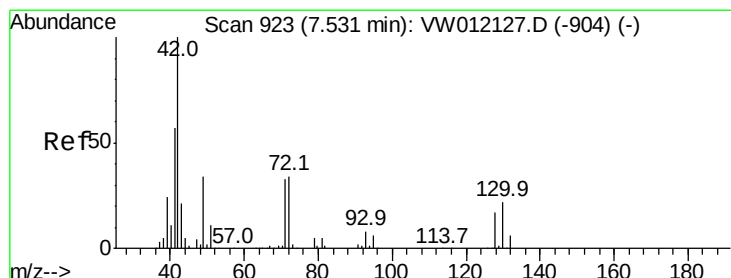
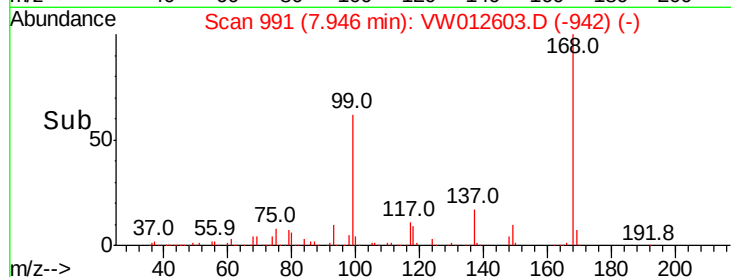
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#29

Tetrahydrofuran

Concen: 10.446 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012603.D

Acq: 04 Sep 2019 18:49

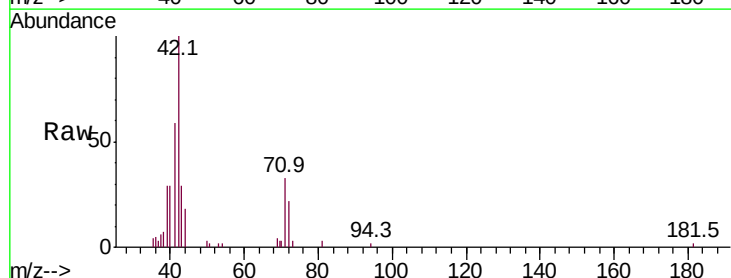
Tgt Ion: 42 Resp: 6126

Ion Ratio Lower Upper

42 100

72 32.8 27.3 40.9

71 31.0 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

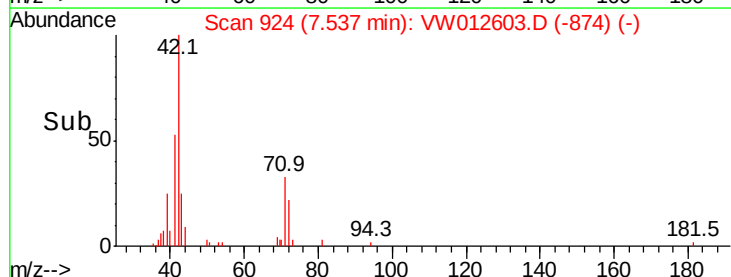
1500

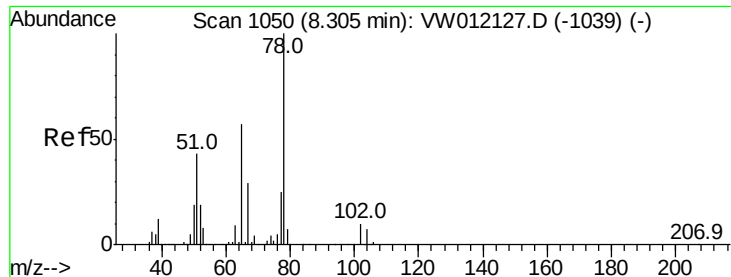
1000

500

0

Time--> 7.45 7.50 7.55 7.60 7.65





#33

1,2-Dichloroethane-d4

Concen: 57.517 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

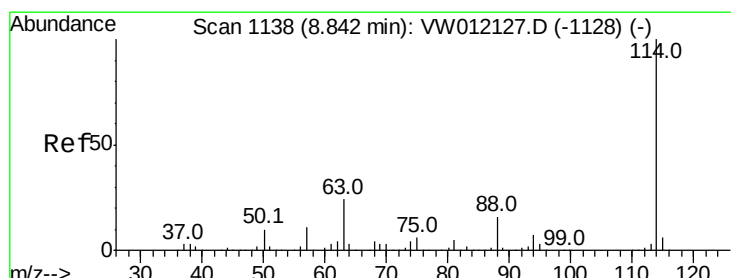
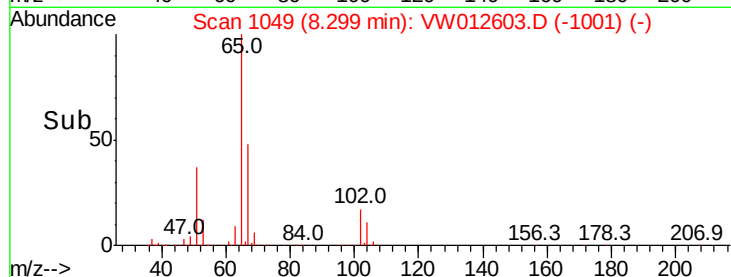
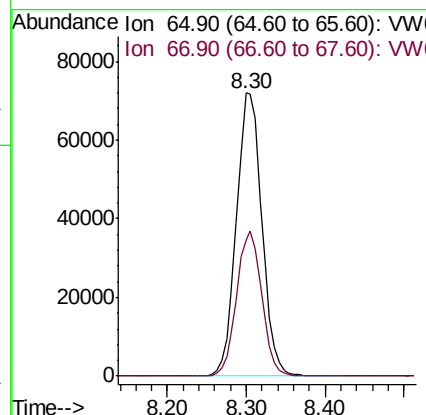
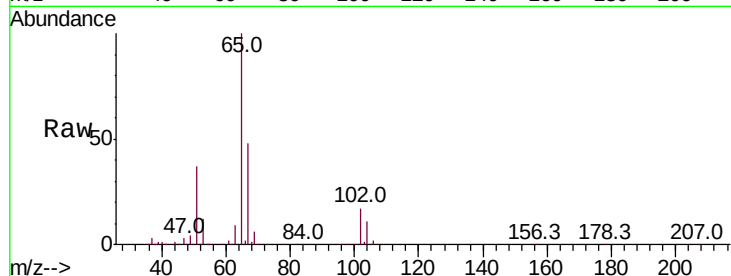
Lab File: VW012603.D

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Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-A3-(0)

Tot Ion: 65 Resp: 161860

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

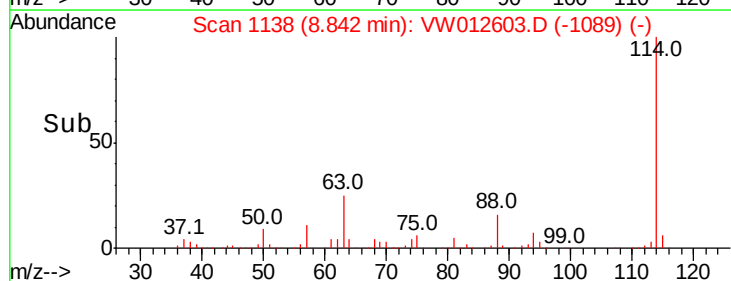
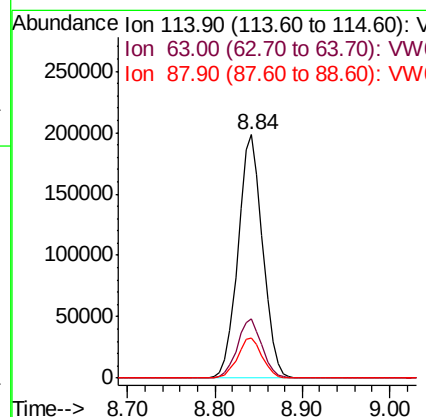
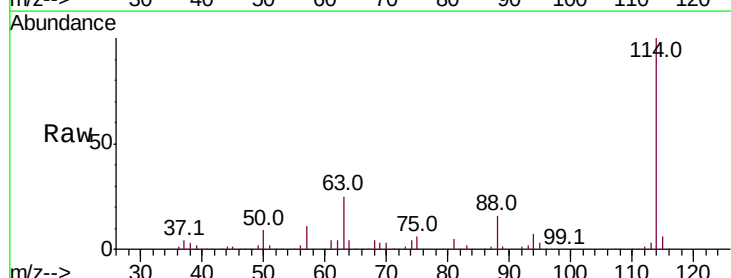
Delta R.T. 0.00 min

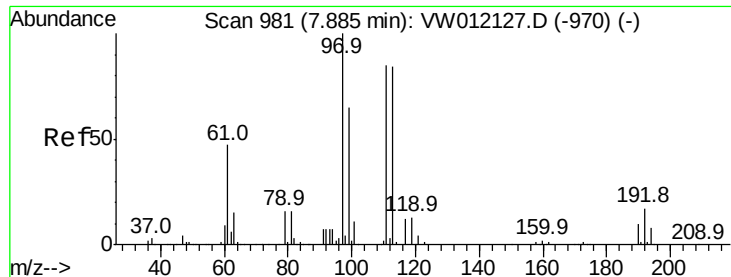
Lab File: VW012603.D

Acq: 04 Sep 2019 18:49

Tgt Ion: 114 Resp: 387290

Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	48.6
88	16.4	0.0	32.2

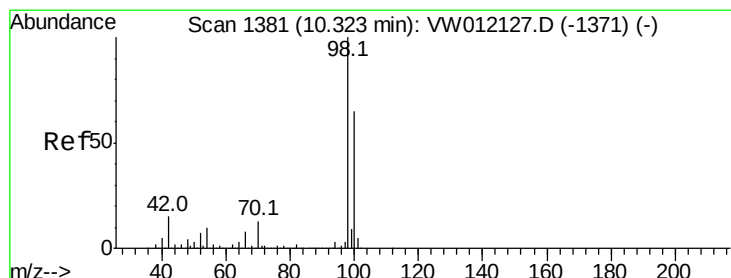
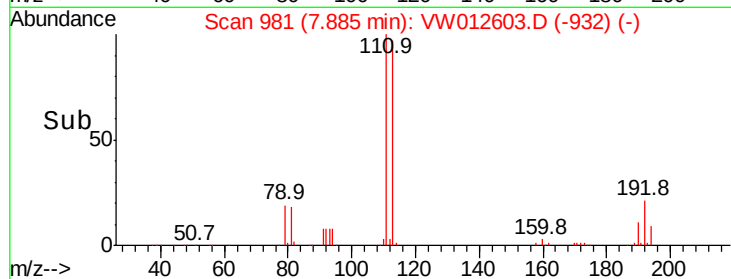
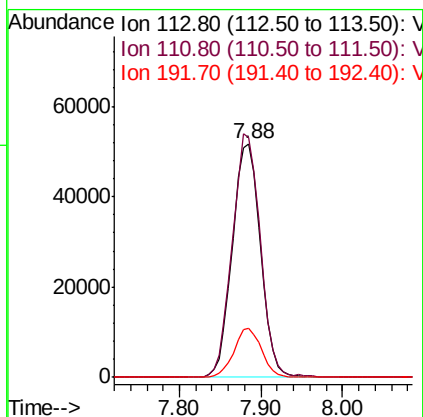
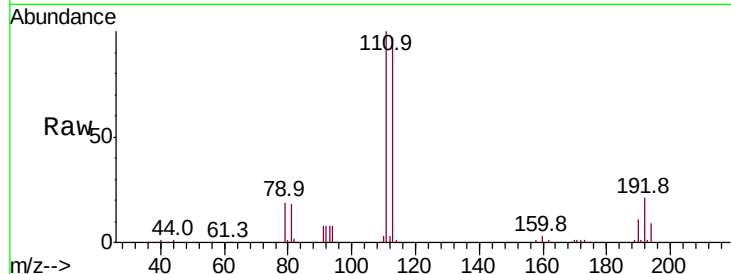




#35
 Dibromofluoromethane
 Concen: 53.398 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW012603.D
 Acq: 04 Sep 2019 18:49

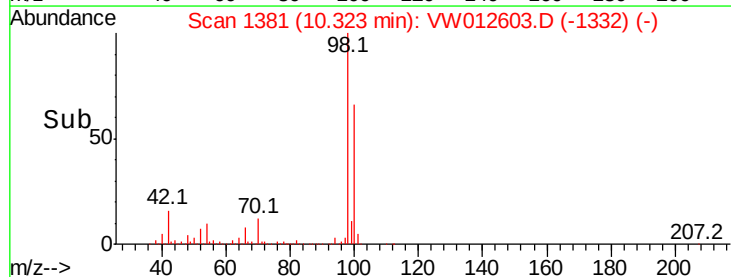
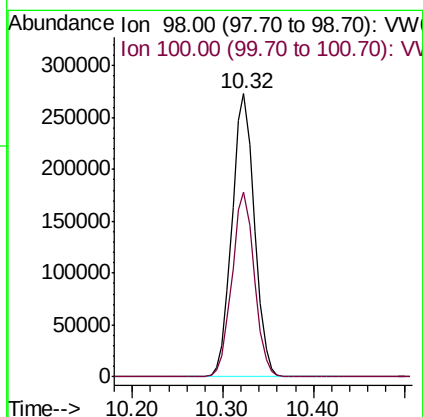
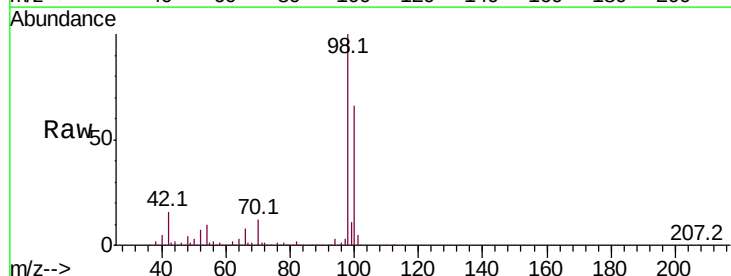
Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-A3-(0)

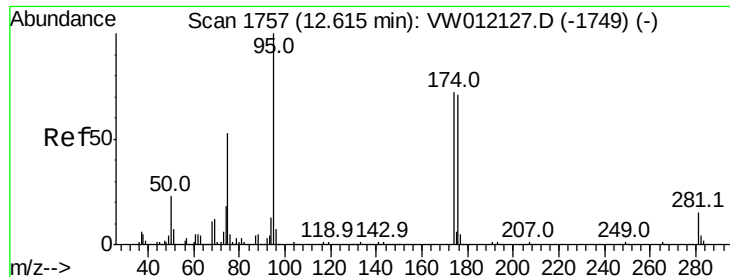
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.7	124.1
192	20.6	16.2	24.2



#50
 Toluene-d8
 Concen: 50.111 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW012603.D
 Acq: 04 Sep 2019 18:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.4	78.6

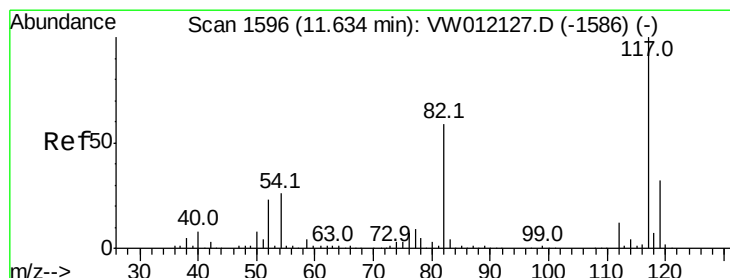
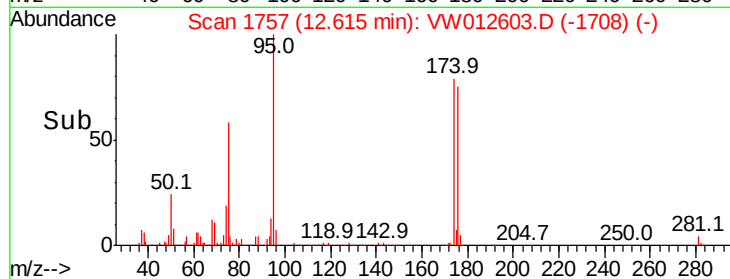
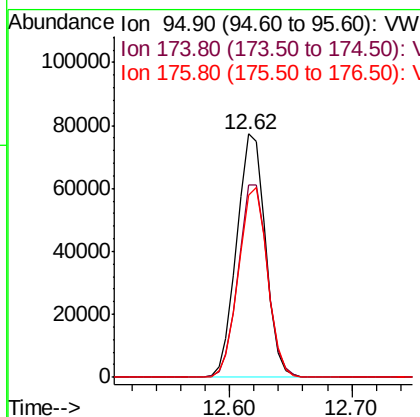
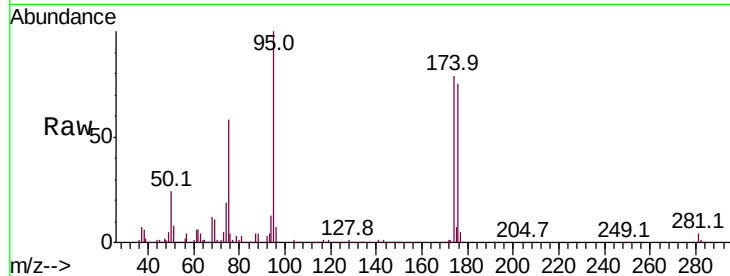




#62
4-Bromofluorobenzene
Concen: 38.071 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012603.D
Acq: 04 Sep 2019 18:49

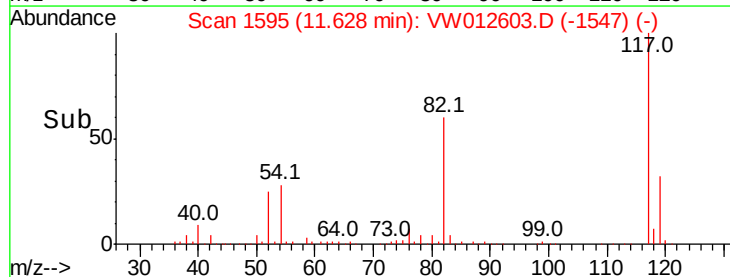
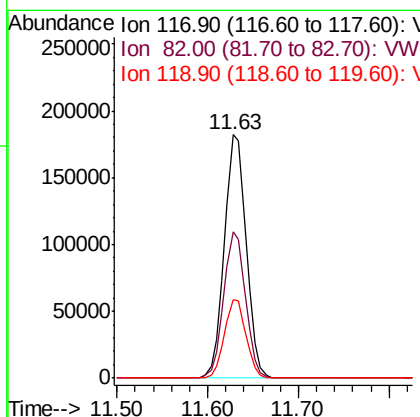
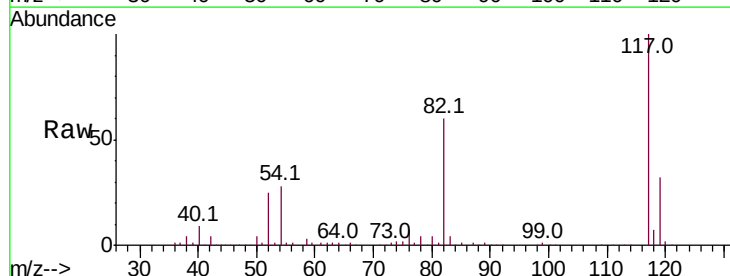
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-A3-(0)

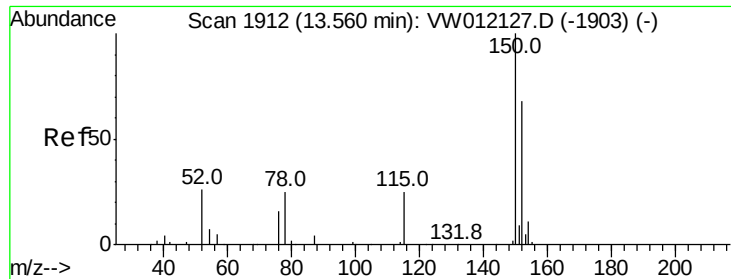
Tot Ion	95	Resp	125792
Ion Ratio	Lower	Upper	
95	100		
174	80.3	0.0	150.8
176	78.6	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012603.D
Acq: 04 Sep 2019 18:49

Tgt Ion	117	Resp	306524
Ion Ratio	Lower	Upper	
117	100		
82	60.3	47.4	71.2
119	32.0	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: VW012603.D

Acq: 04 Sep 2019 18:49

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-A3-(0)

Tot Ion:152 Resp: 98528

Ion Ratio Lower Upper

152 100

115 60.0 30.1 90.3

150 159.3 0.0 345.8

