

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082019\
 Data File : VW012039.D
 Acq On : 20 Aug 2019 19:38
 Operator : SY/VA
 Sample : K4387-01
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Aug 21 02:02:46 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

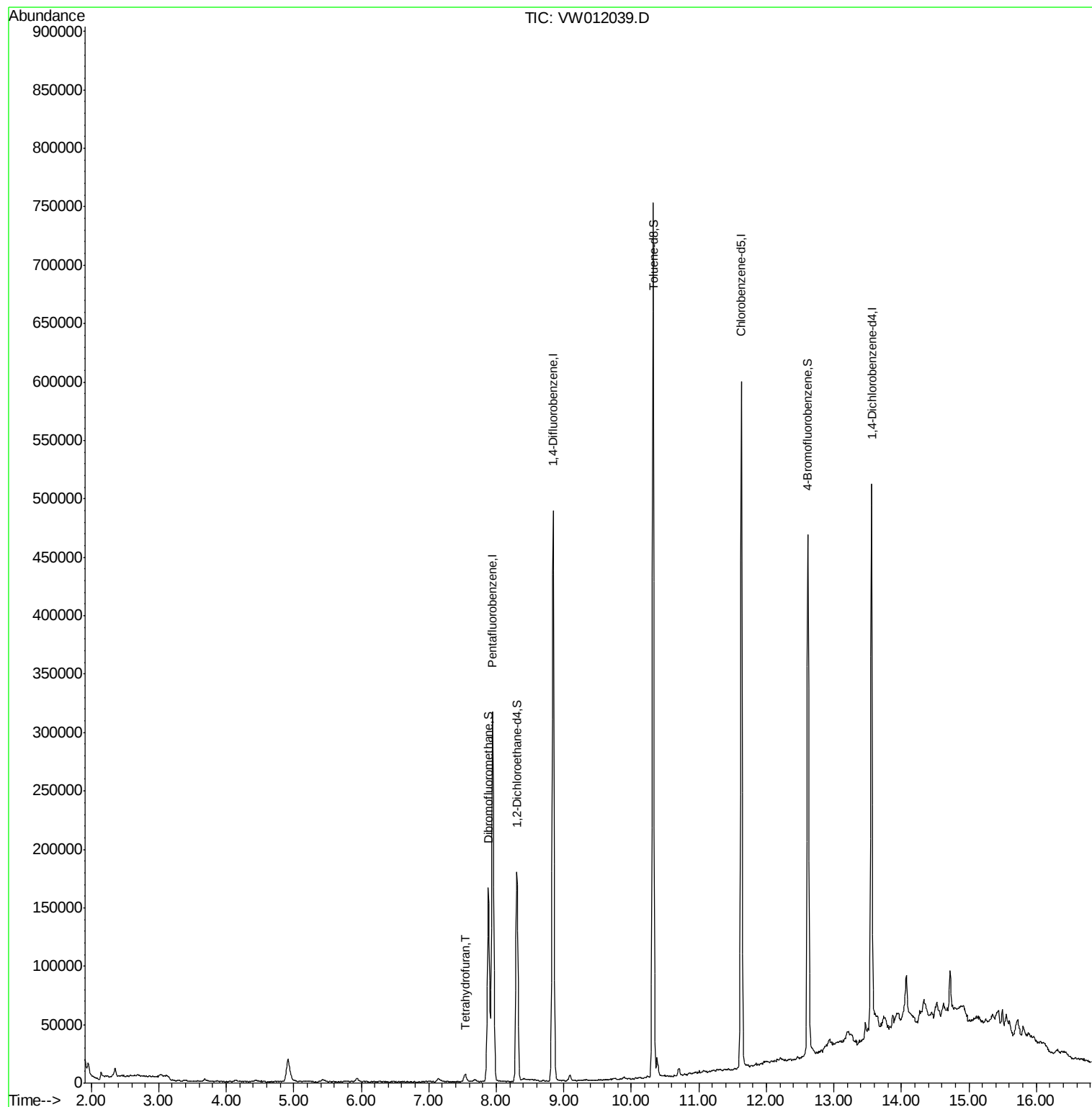
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	234481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	386982	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	315422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	116151	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	141829	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.36%	
35) Dibromofluoromethane	7.88	113	117046	53.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.82%	
50) Toluene-d8	10.32	98	469289	52.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.60%	
62) 4-Bromofluorobenzene	12.62	95	148132	46.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.48%	
Target Compounds						
29) Tetrahydrofuran	7.54	42	6424	10.028	ug/l	Qvalue 98

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

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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# 992

Delta R.T. 0.01 min

Lab File: VW012039.D

Acq: 20 Aug 2019 19:38

Instrument :

MSVOA_W

ClientSampled :

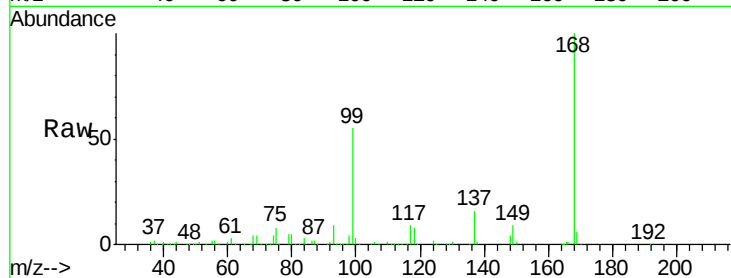
T6-B-(0)

Tot Ion:168 Resp: 234481

Ion Ratio Lower Upper

168 100

99 55.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

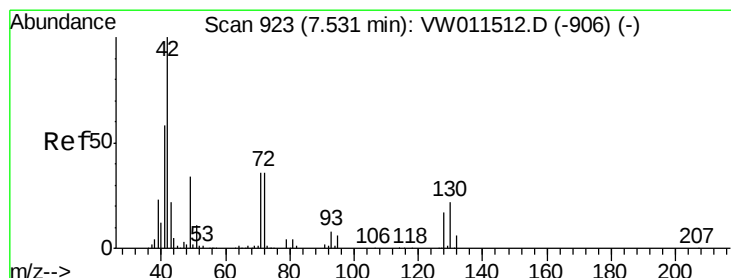
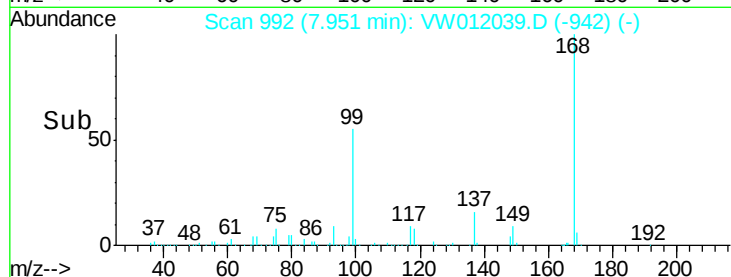
60000

40000

20000

0

Time-->



#29

Tetrahydrofuran

Concen: 10.028 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012039.D

Acq: 20 Aug 2019 19:38

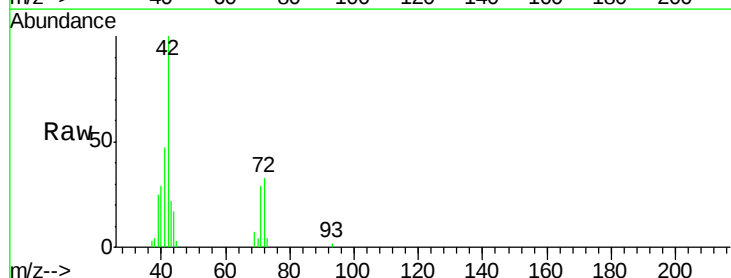
Tgt Ion: 42 Resp: 6424

Ion Ratio Lower Upper

42 100

72 32.9 27.1 40.7

71 34.3 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

3000

2500

2000

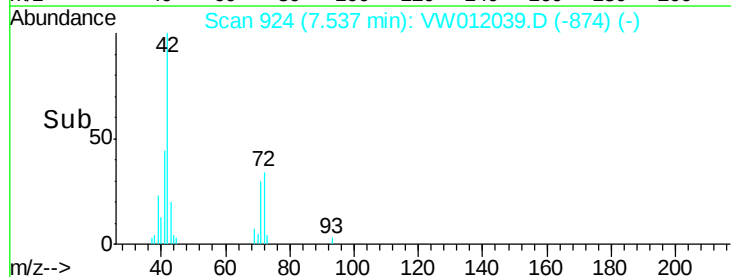
1500

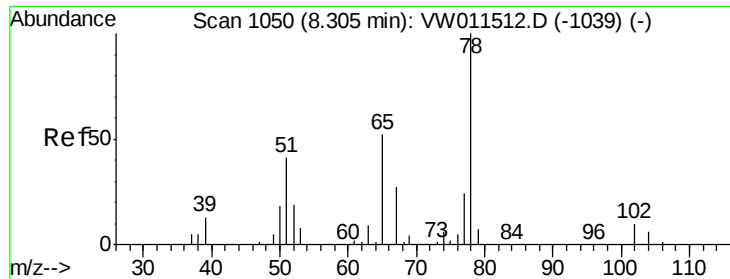
1000

500

0

Time-->

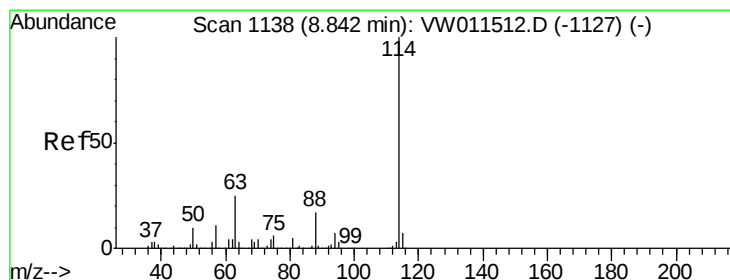
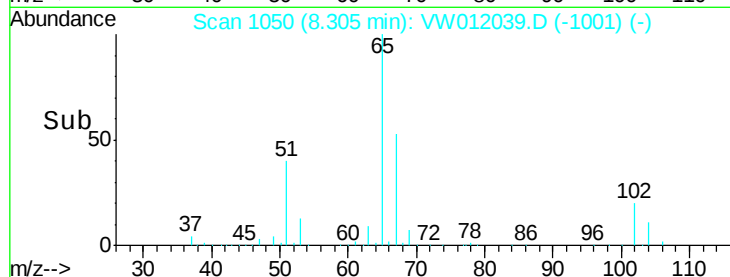
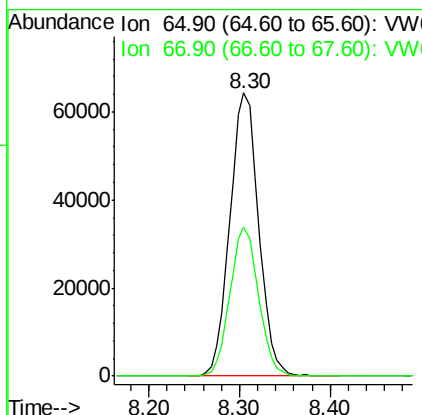
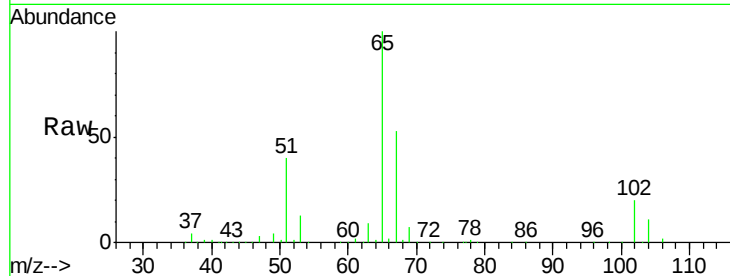




#33
 1,2-Dichloroethane-d4
 Concen: 52.676 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012039.D
 Acq: 20 Aug 2019 19:38

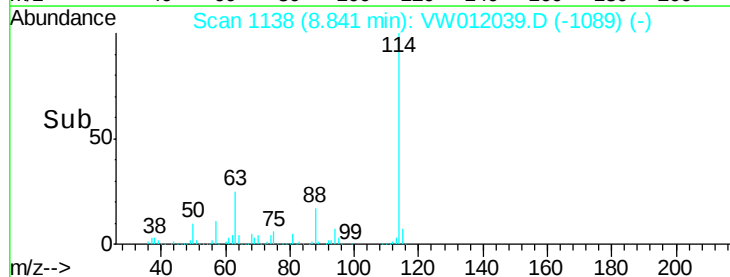
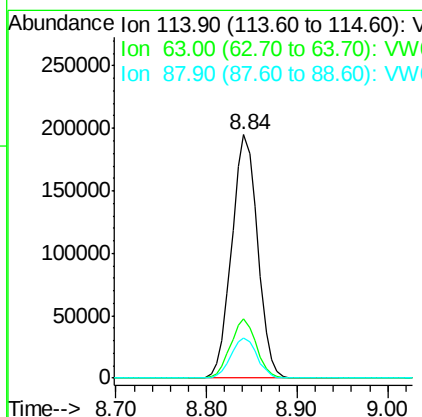
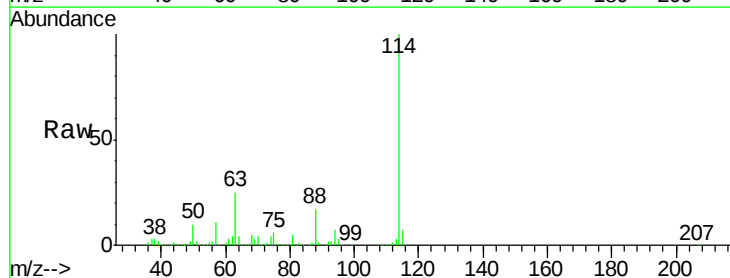
Instrument :
 MSVOA_W
 ClientSampleId :
 T6-B-(0)

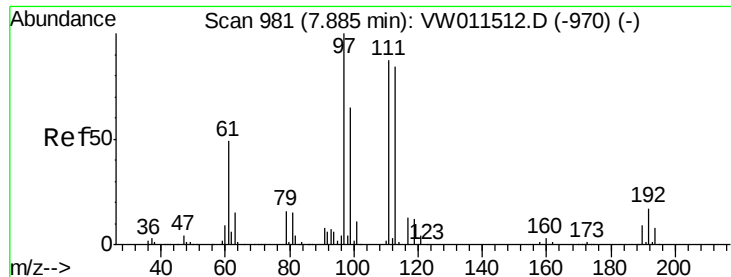
Tot Ion: 65 Resp: 141829
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012039.D
 Acq: 20 Aug 2019 19:38

Tgt Ion: 114 Resp: 386982
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 49.2
 88 16.6 0.0 33.8

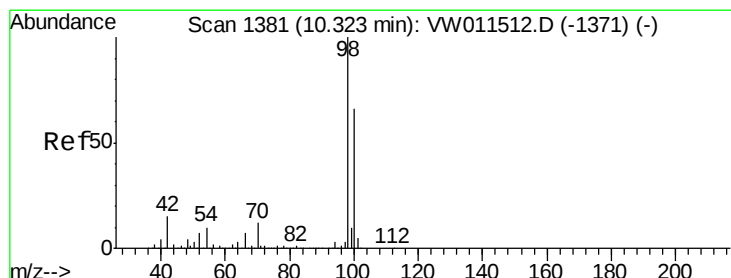
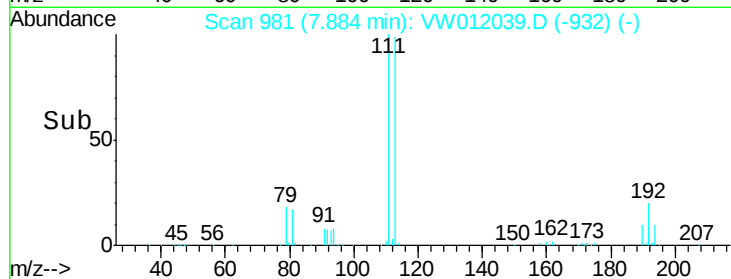
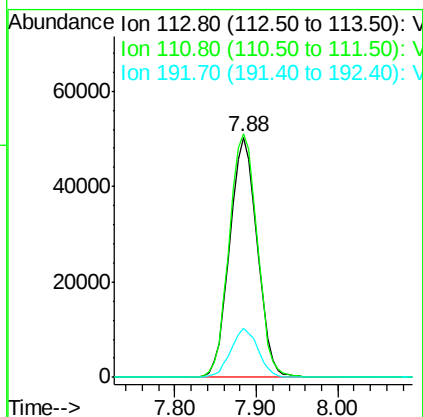
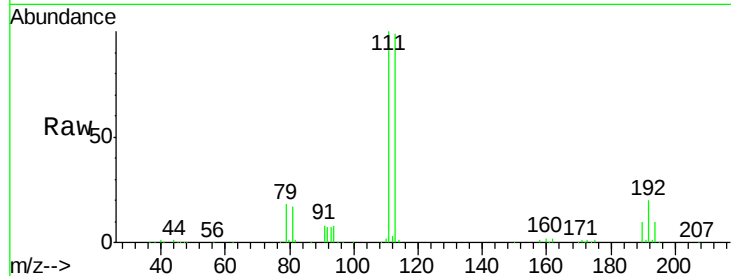




#35
 Dibromofluoromethane
 Concen: 53.912 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012039.D
 Acq: 20 Aug 2019 19:38

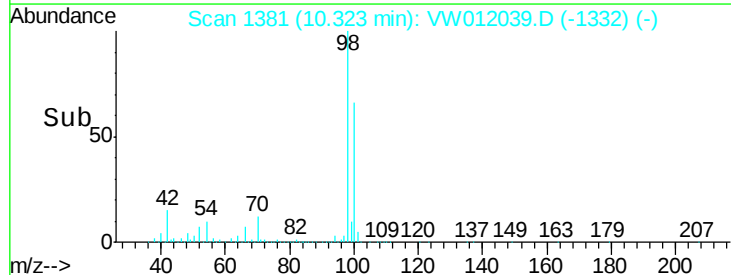
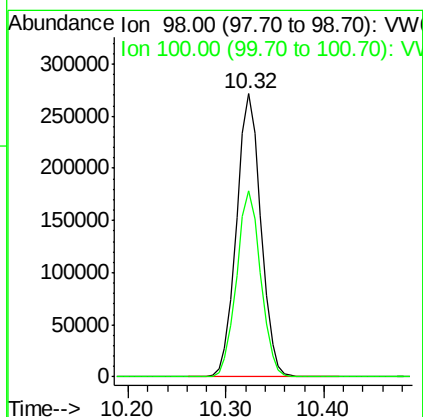
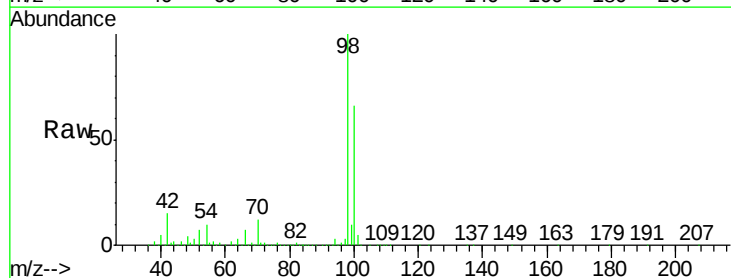
Instrument :
 MSVOA_W
 ClientSampleId :
 T6-B-(0)

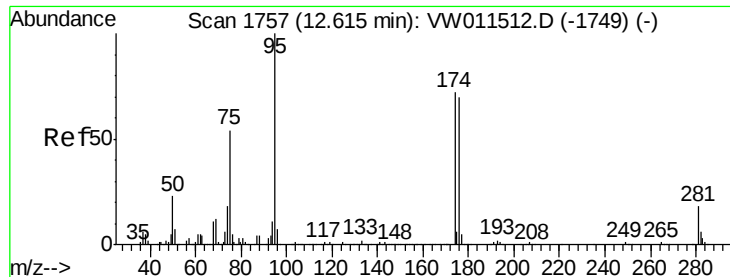
Tot Ion:113 Resp: 117046
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.7 124.1
 192 20.3 16.1 24.1



#50
 Toluene-d8
 Concen: 52.795 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012039.D
 Acq: 20 Aug 2019 19:38

Tgt Ion: 98 Resp: 469289
 Ion Ratio Lower Upper
 98 100
 100 65.1 52.7 79.1

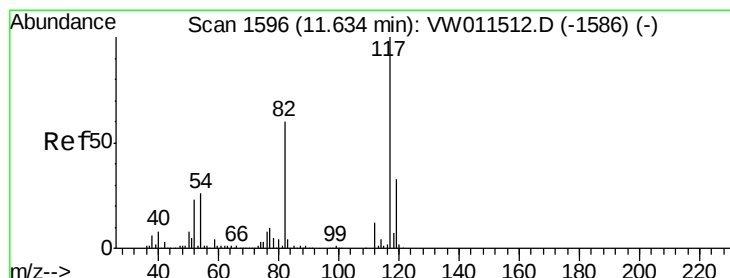
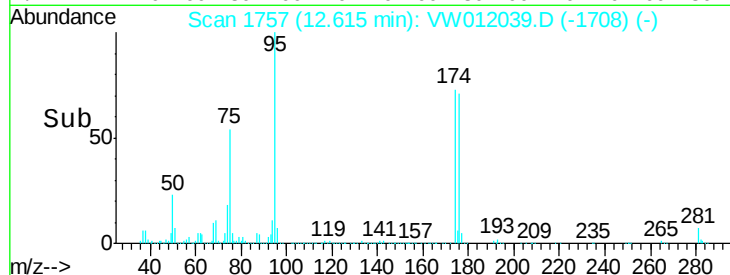
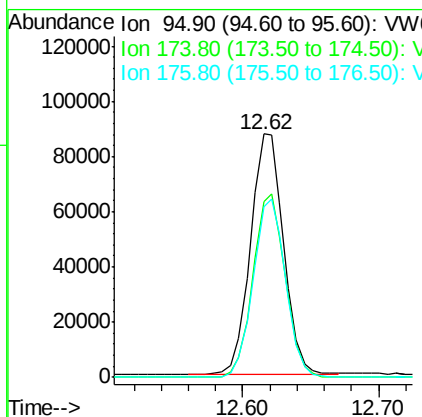
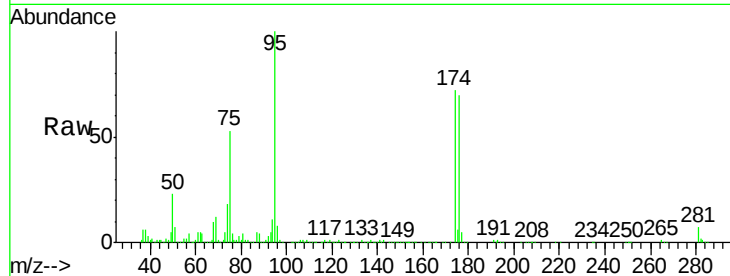




#62
4-Bromofluorobenzene
Concen: 46.743 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012039.D
Acq: 20 Aug 2019 19:38

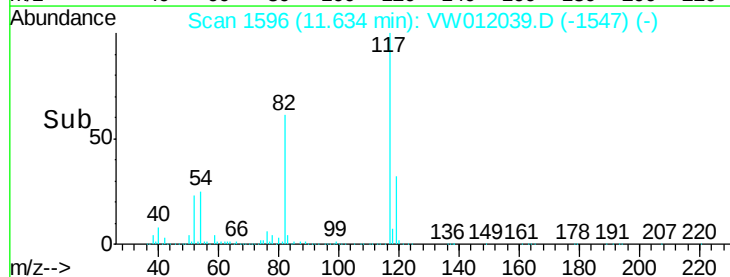
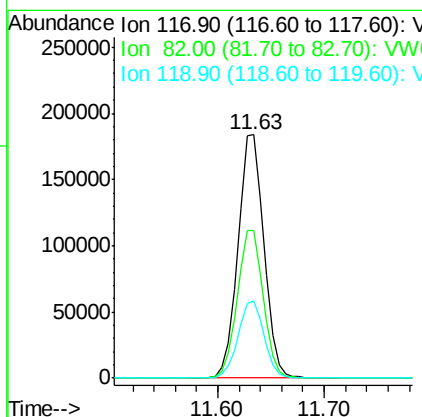
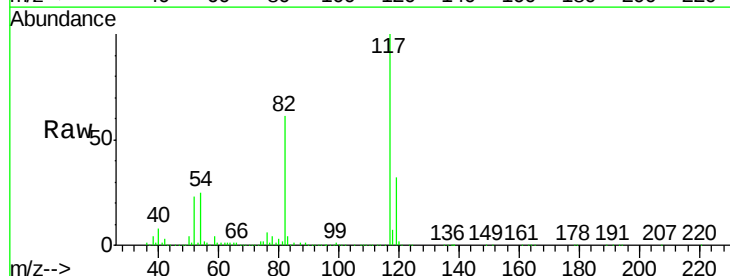
Instrument :
MSVOA_W
ClientSampleId :
T6-B-(0)

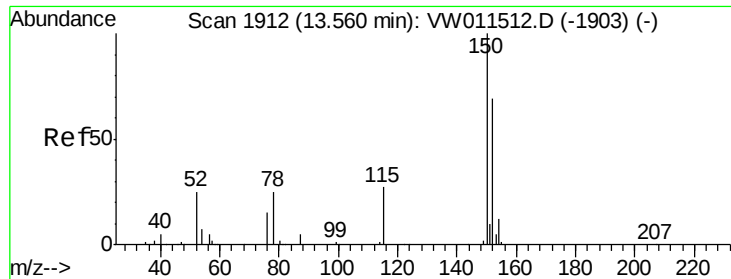
Tot Ion	95	Resp	148132
Ion Ratio	Lower	Upper	
95	100		
174	74.5	0.0	150.2
176	72.9	0.0	144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012039.D
Acq: 20 Aug 2019 19:38

Tgt Ion	117	Resp	315422
Ion Ratio	Lower	Upper	
117	100		
82	60.5	47.9	71.9
119	31.8	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: VW012039.D

Acq: 20 Aug 2019 19:38

Instrument :

MSVOA_W

ClientSampleId :

T6-B-(0)

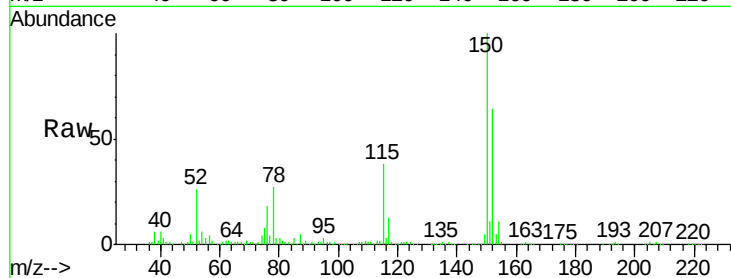
Tot Ion:152 Resp: 116151

Ion Ratio Lower Upper

152 100

115 60.0 30.5 91.5

150 157.1 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

