

Data File : VW012700.D
Acq On : 06 Sep 2019 19:58
Operator : SY/VA
Sample : K4581-13
Misc : 5.03G/5ML/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T12-D2-(0)

Quant Time: Sep 07 06:35:31 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

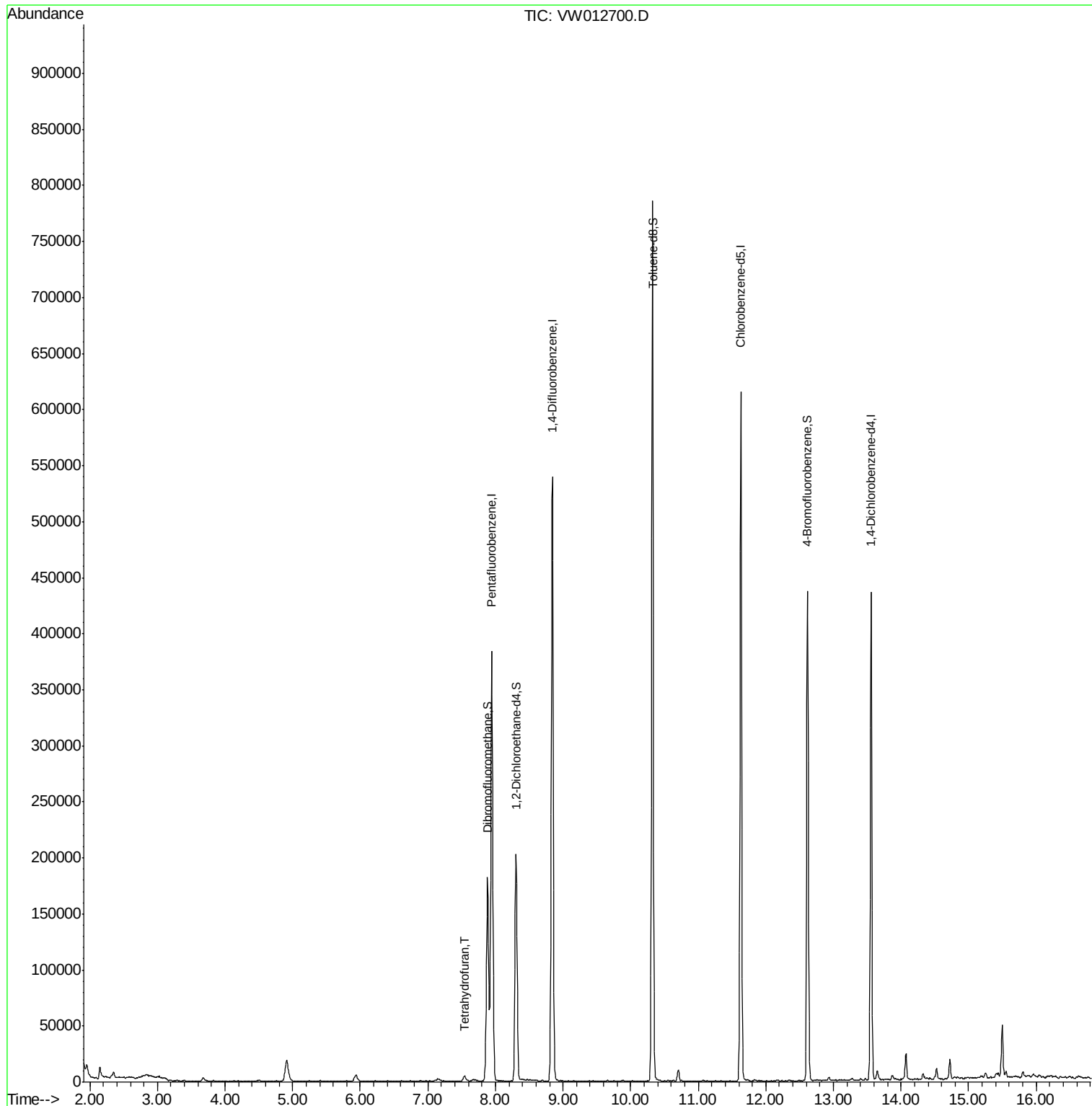
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	281523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	435345	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	111108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	164026	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
35) Dibromofluoromethane	7.88	113	130087	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
50) Toluene-d8	10.32	98	499191	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
62) 4-Bromofluorobenzene	12.62	95	140139	37.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.46%	
Target Compounds						
29) Tetrahydrofuran	7.54	42	3794	5.440	ug/l #	Qvalue 86

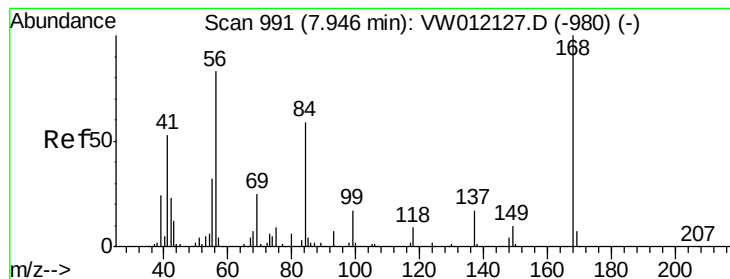
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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MSVOA_W

ClientSampleId :

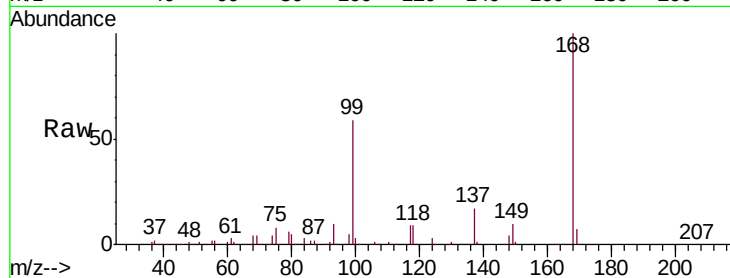
T12-D2-(0)

Tgt Ion:168 Resp: 281523

Ion Ratio Lower Upper

168 100

99 59.0 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

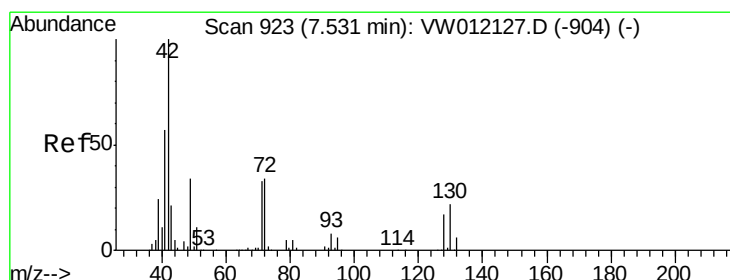
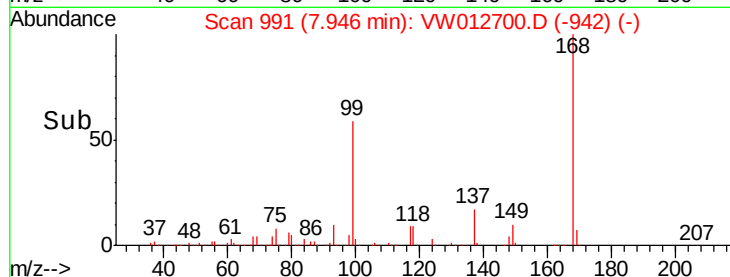
150000

100000

50000

0

Time-->



#29

Tetrahydrofuran

Concen: 5.440 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW012700.D

Acq: 06 Sep 2019 19:58

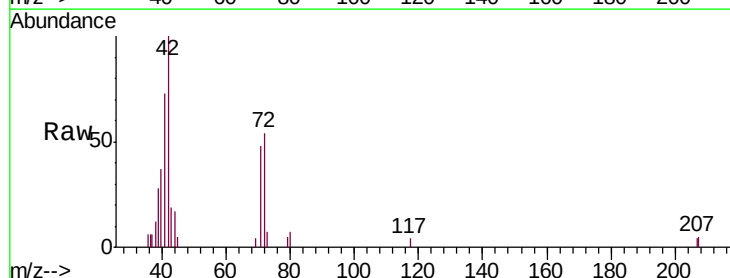
Tgt Ion: 42 Resp: 3794

Ion Ratio Lower Upper

42 100

72 43.5 27.3 40.9#

71 37.9 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

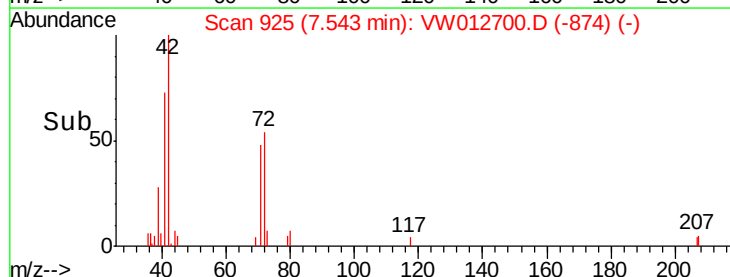
1500

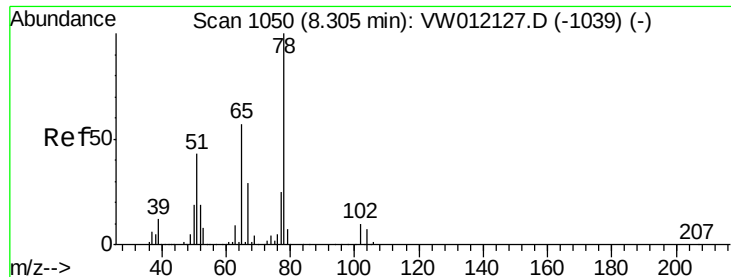
1000

500

0

Time-->

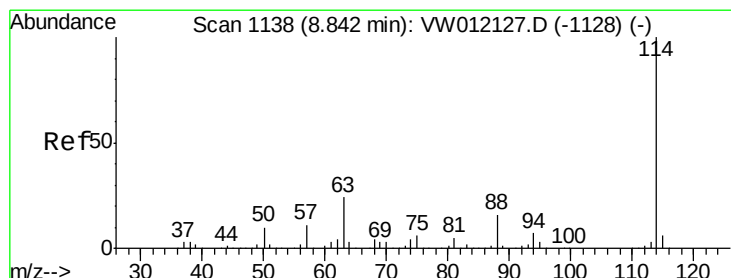
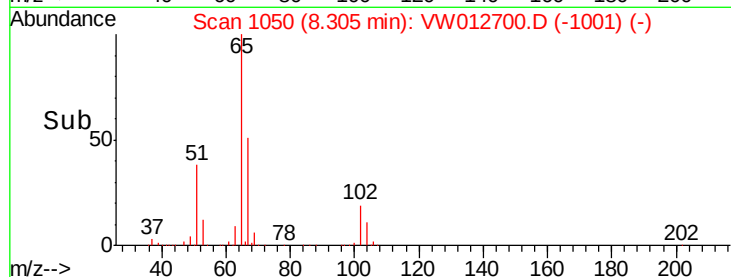
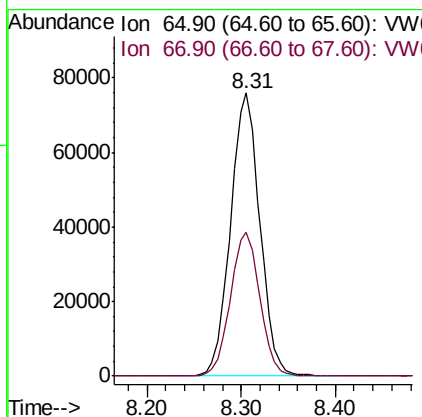
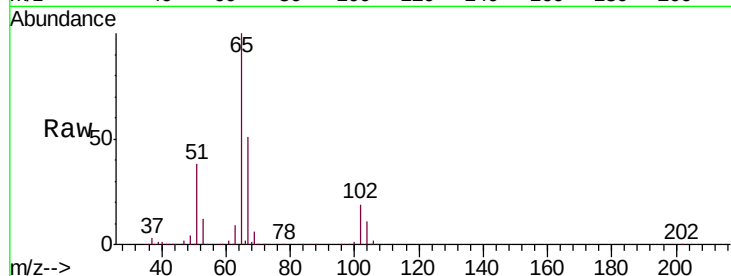




#33
 1,2-Dichloroethane-d4
 Concen: 49.012 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012700.D
 Acq: 06 Sep 2019 19:58

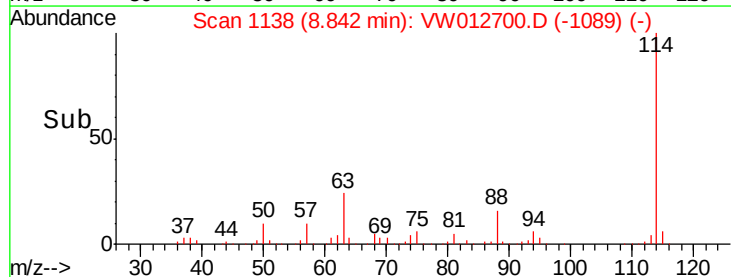
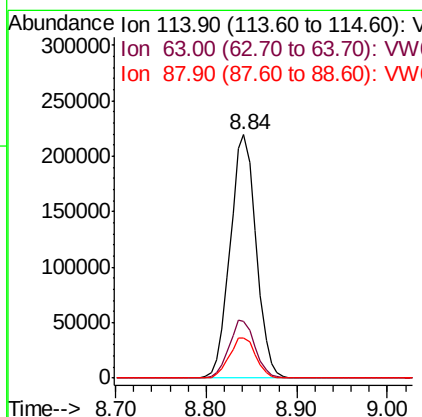
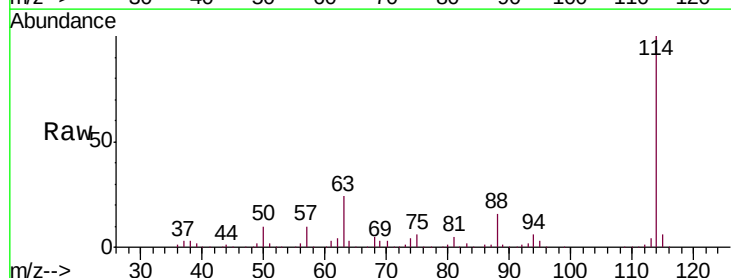
Instrument :
 MSVOA_W
 ClientSampleId :
 T12-D2-(0)

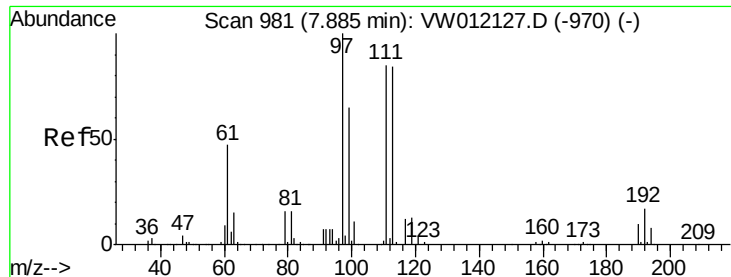
Tgt Ion: 65 Resp: 164026
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012700.D
 Acq: 06 Sep 2019 19:58

Tgt Ion: 114 Resp: 435345
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 48.6
 88 16.4 0.0 32.2

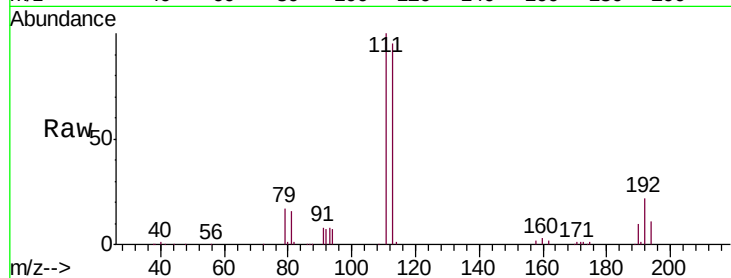




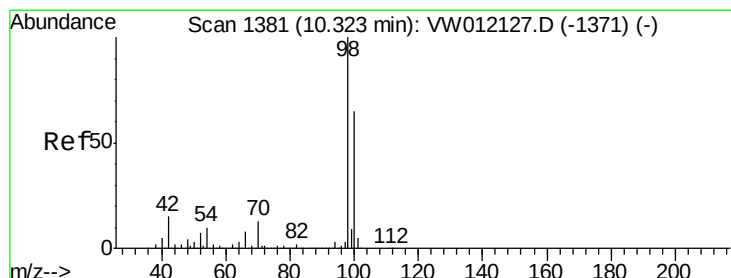
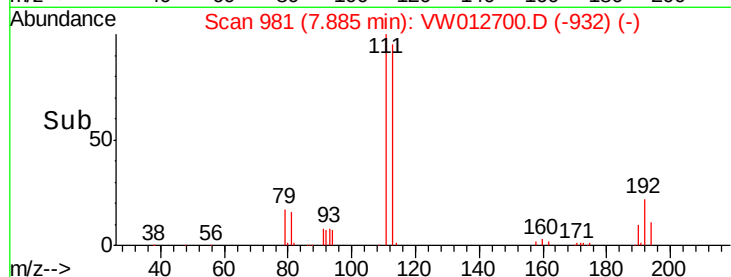
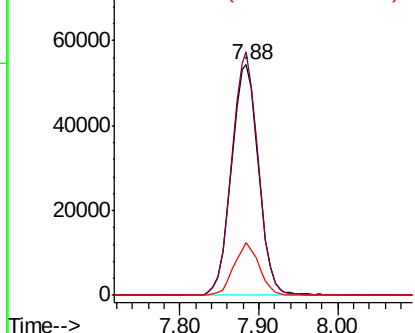
#35
 Dibromofluoromethane
 Concen: 50.061 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012700.D
 Acq: 06 Sep 2019 19:58

Instrument :
 MSVOA_W
 ClientSampleId :
 T12-D2-(0)

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.7	124.1
192	21.1	16.2	24.2

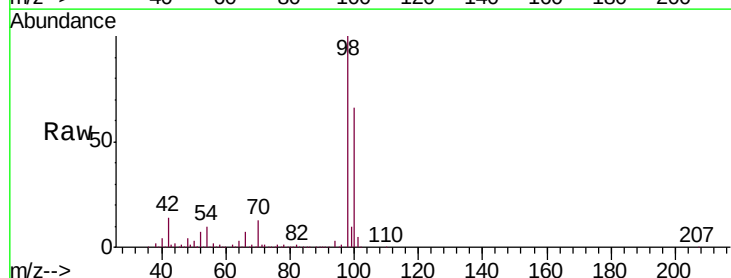


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

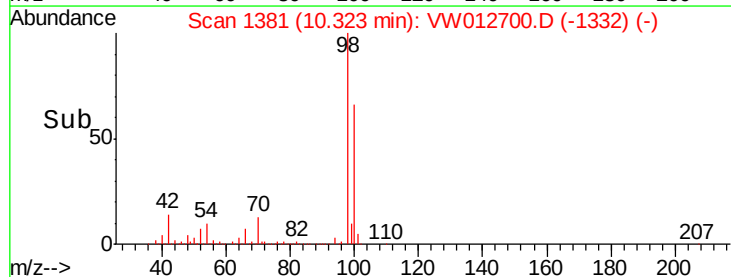
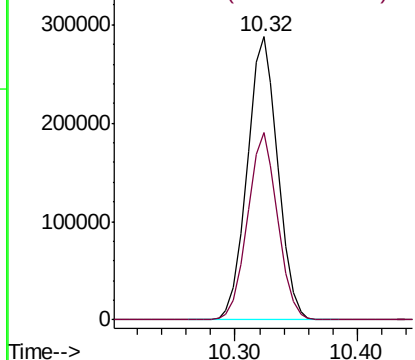


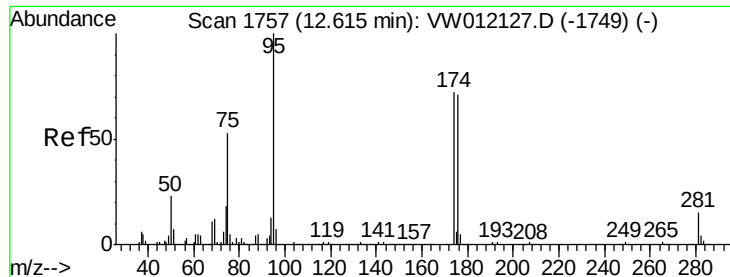
#50
 Toluene-d8
 Concen: 47.377 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012700.D
 Acq: 06 Sep 2019 19:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.4	78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): V

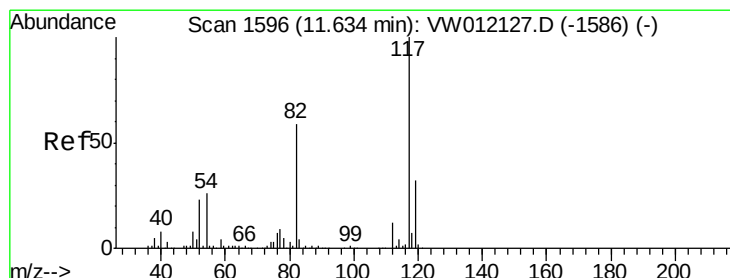
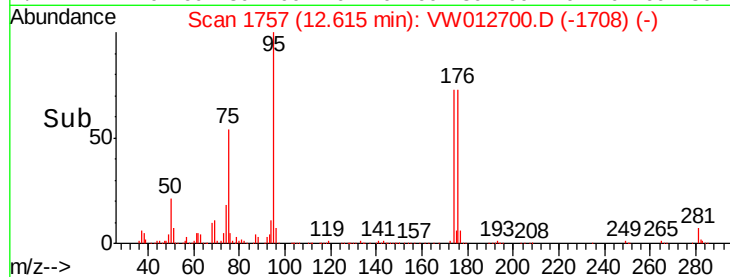
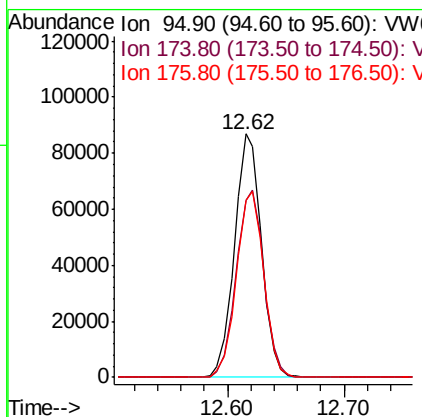
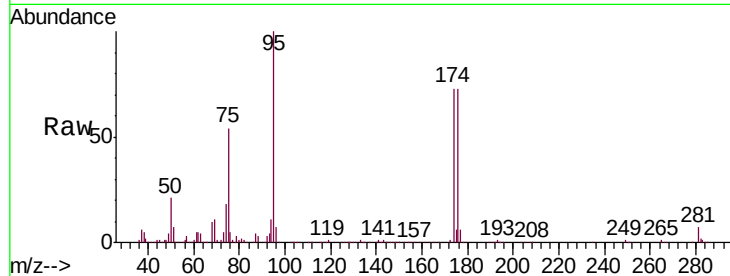




#62
4-Bromofluorobenzene
Concen: 37.731 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012700.D
Acq: 06 Sep 2019 19:58

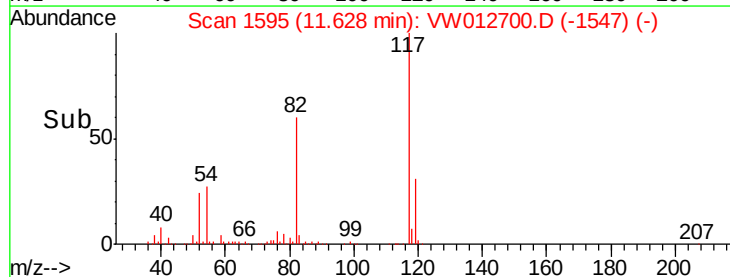
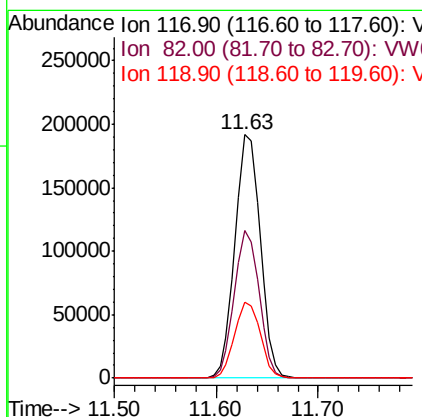
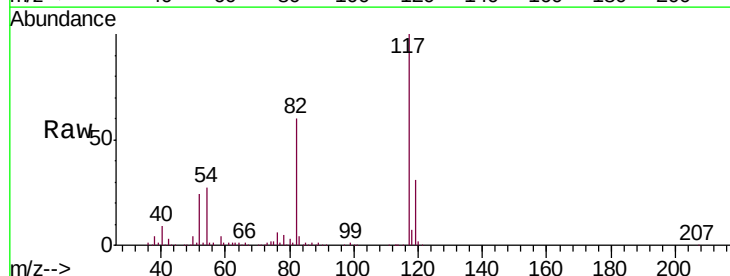
Instrument :
MSVOA_W
ClientSampleId :
T12-D2-(0)

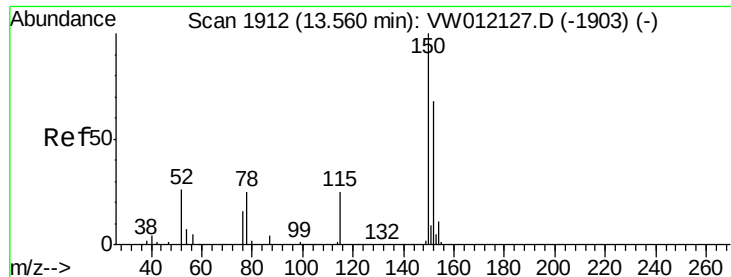
Tgt Ion:	95	Resp:	140139
Ion	Ratio	Lower	Upper
95	100		
174	79.0	0.0	150.8
176	77.5	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012700.D
Acq: 06 Sep 2019 19:58

Tgt Ion:	117	Resp:	331302
Ion	Ratio	Lower	Upper
117	100		
82	60.5	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: VW012700.D

Acq: 06 Sep 2019 19:58

Instrument :

MSVOA_W

ClientSampleId :

T12-D2-(0)

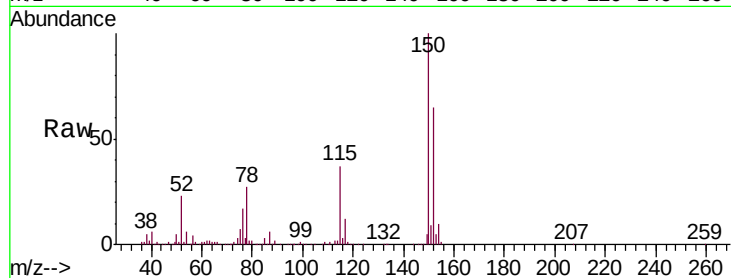
Tgt Ion:152 Resp: 111108

Ion Ratio Lower Upper

152 100

115 60.4 30.1 90.3

150 157.8 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

