

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091419\
 Data File : VW012964.D
 Acq On : 13 Sep 2019 20:33
 Operator : SY/VA
 Sample : K4719-02
 Misc : 4.72G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-1-(0)-BRUCKNER

Quant Time: Sep 14 04:51:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

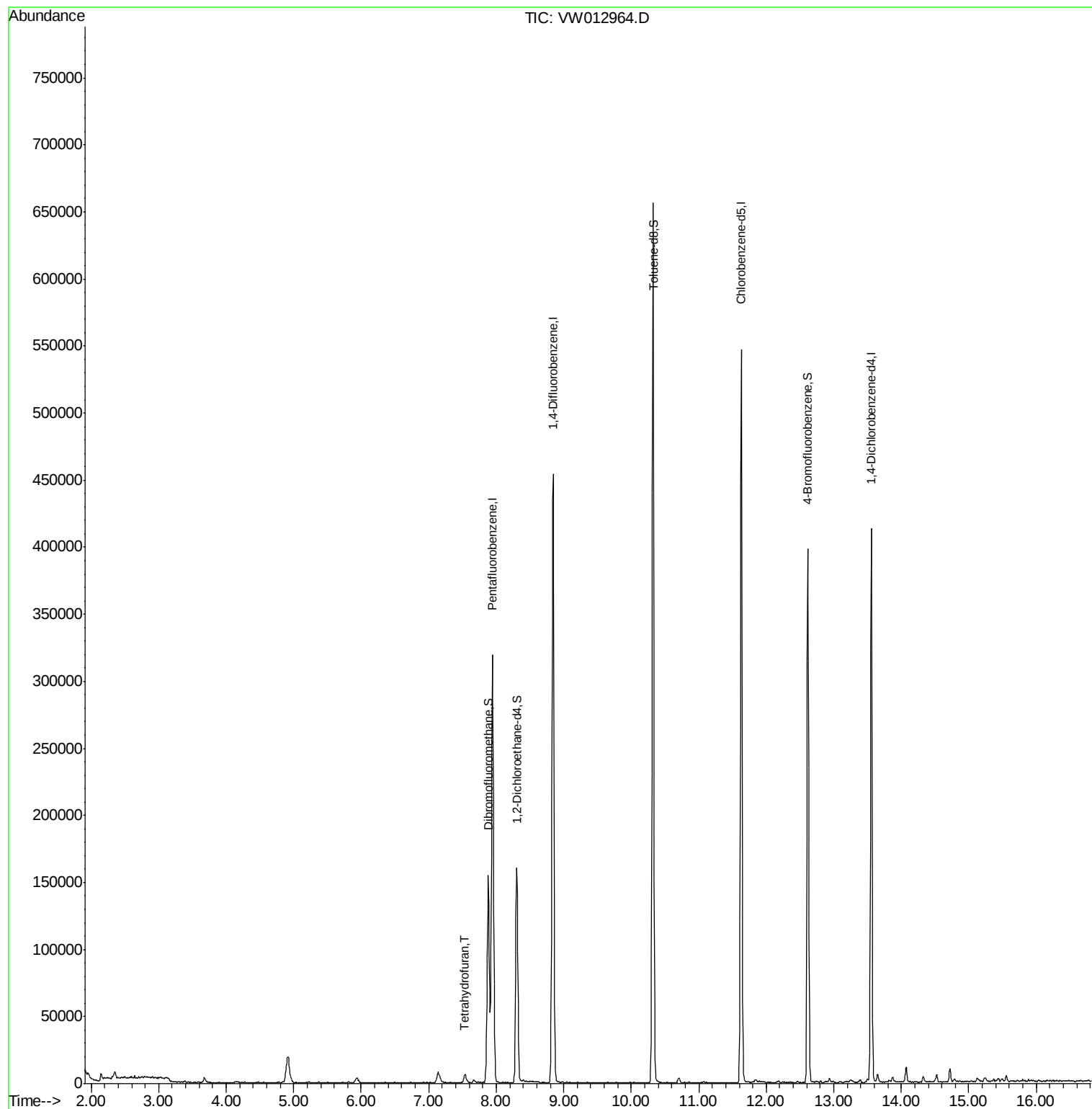
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	243647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	371669	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	290502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	110598	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	131356	58.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.74%	
35) Dibromofluoromethane	7.88	113	110422	54.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.50%	
50) Toluene-d8	10.32	98	425459	53.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.82%	
62) 4-Bromofluorobenzene	12.62	95	127174	44.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.64%	
Target Compounds						
29) Tetrahydrofuran	7.54	42	5492	13.471	ug/l	Qvalue 97

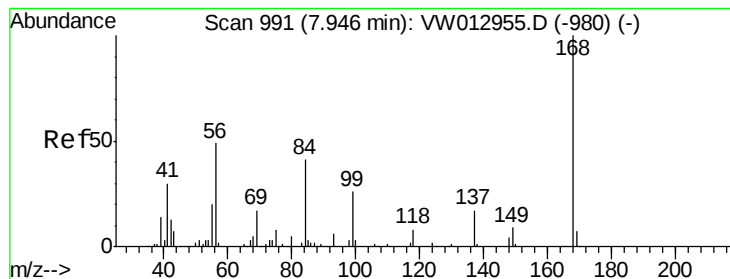
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012964.D

Acq: 13 Sep 2019 20:33

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MSVOA_W

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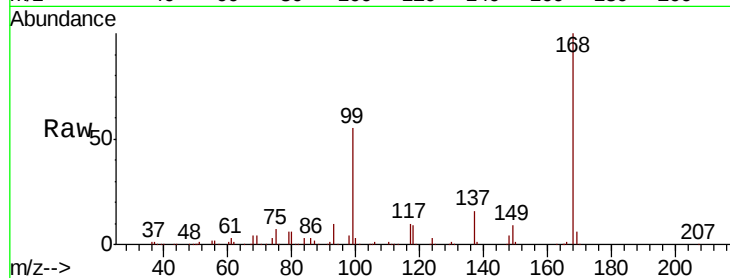
T4-1-(0)-BRUCKNER

Tgt Ion:168 Resp: 243647

Ion Ratio Lower Upper

168 100

99 55.2 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

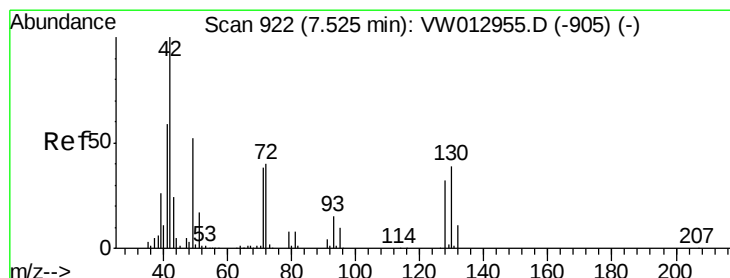
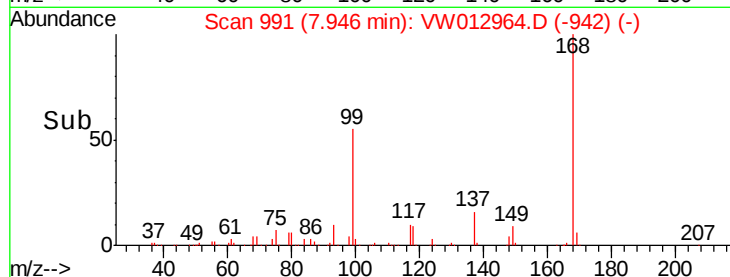
60000

40000

20000

0

Time-->



#29

Tetrahydrofuran

Concen: 13.471 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012964.D

Acq: 13 Sep 2019 20:33

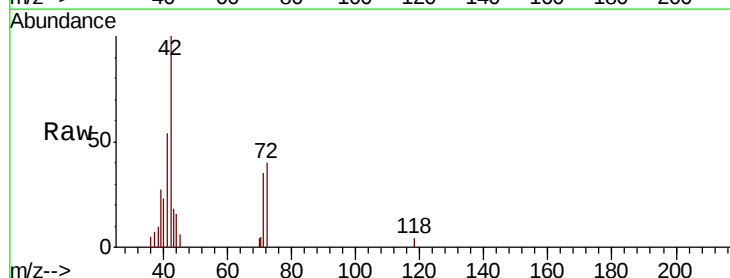
Tgt Ion: 42 Resp: 5492

Ion Ratio Lower Upper

42 100

72 35.9 31.4 47.0

71 36.9 29.8 44.8



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

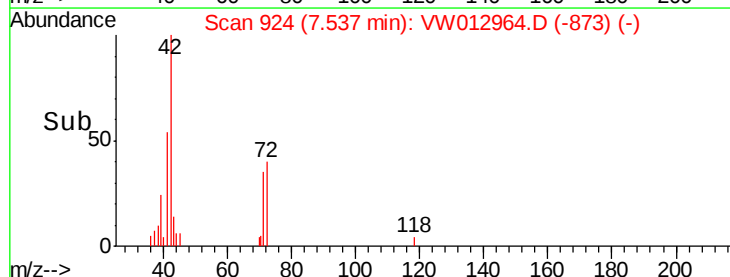
1500

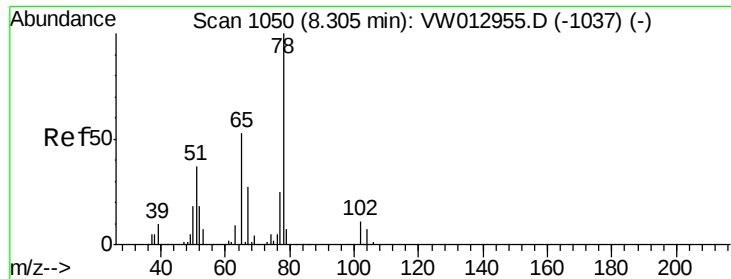
1000

500

0

Time-->

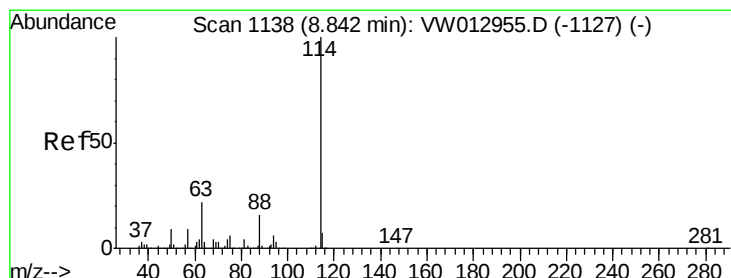
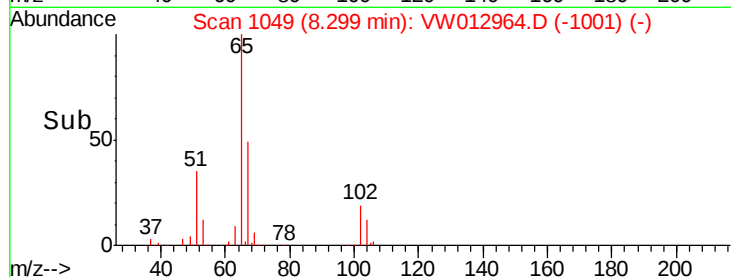
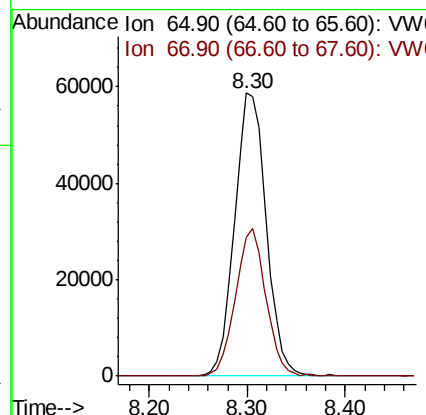
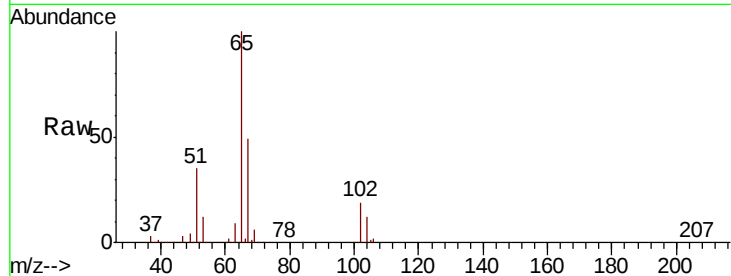




#33
 1,2-Dichloroethane-d4
 Concen: 58.374 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012964.D
 Acq: 13 Sep 2019 20:33

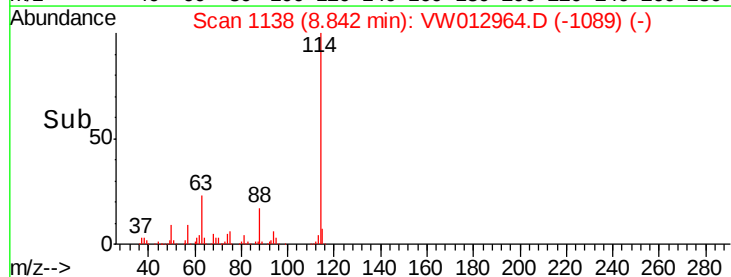
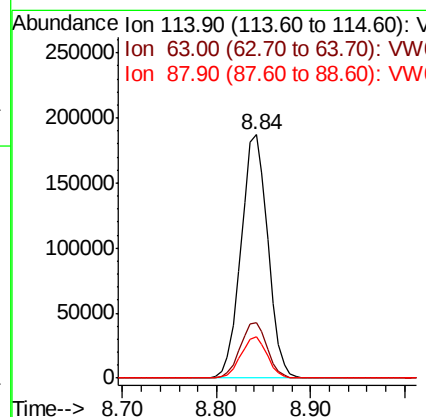
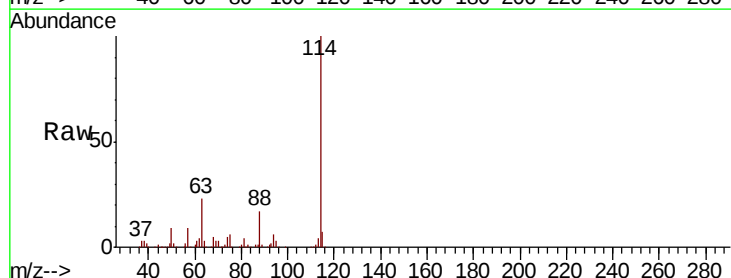
Instrument :
 MSVOA_W
 ClientSampleId :
 T4-1-(0)-BRUCKNER

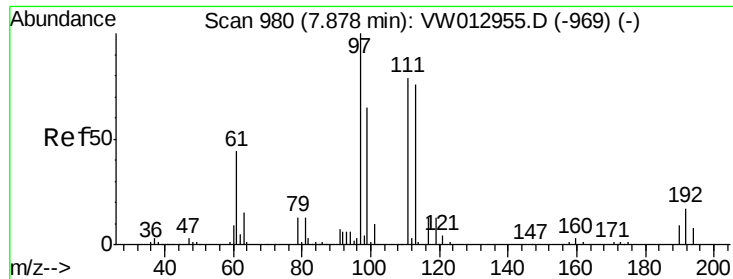
Tgt Ion: 65 Resp: 131356
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012964.D
 Acq: 13 Sep 2019 20:33

Tgt Ion: 114 Resp: 371669
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 43.4
 88 17.0 0.0 31.6

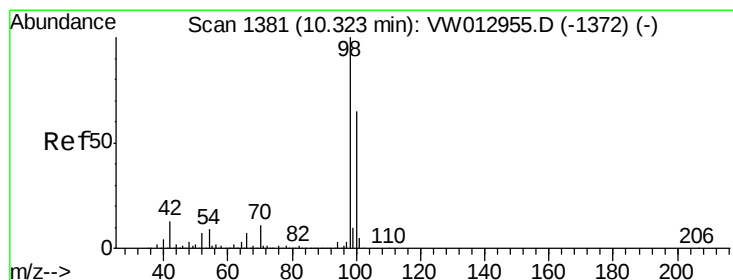
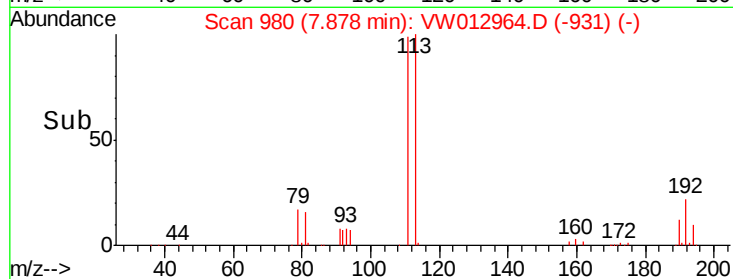
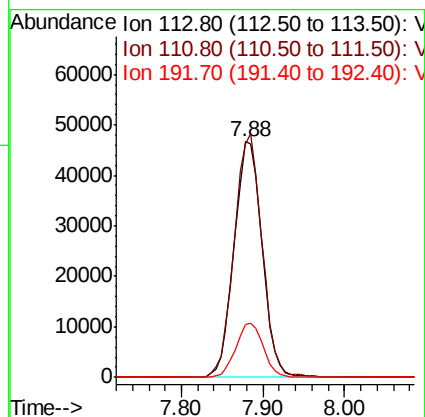
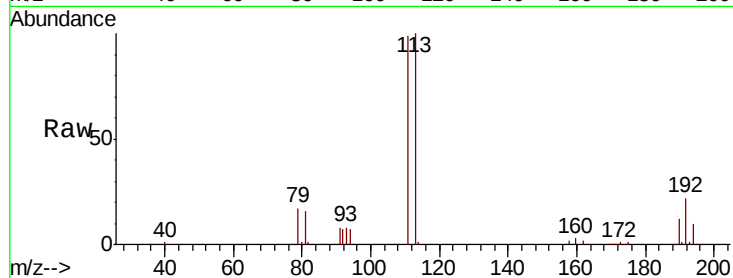




#35
Dibromofluoromethane
Concen: 54.753 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW012964.D
Acq: 13 Sep 2019 20:33

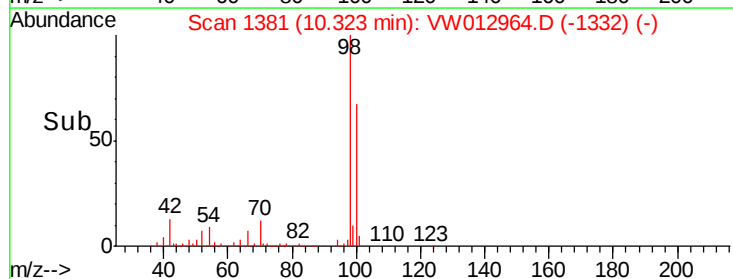
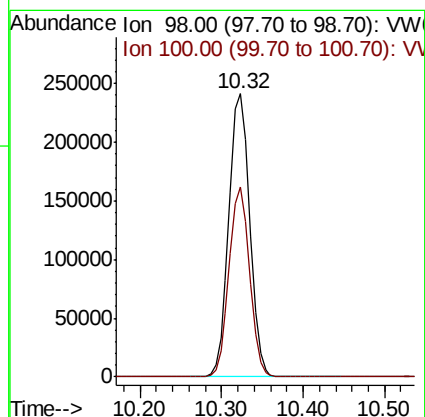
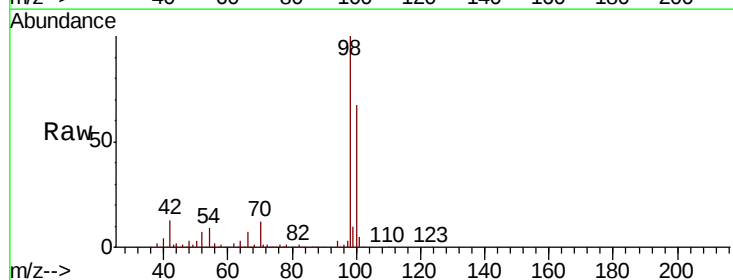
Instrument :
MSVOA_W
ClientSampleId :
T4-1-(0)-BRUCKNER

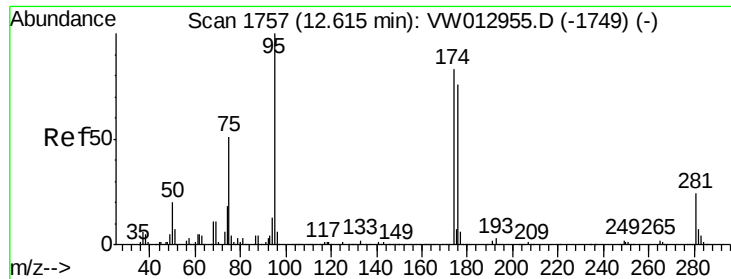
Tgt Ion:113 Resp: 110422
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 22.5 17.8 26.8



#50
Toluene-d8
Concen: 53.913 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012964.D
Acq: 13 Sep 2019 20:33

Tgt Ion: 98 Resp: 425459
Ion Ratio Lower Upper
98 100
100 65.9 52.1 78.1

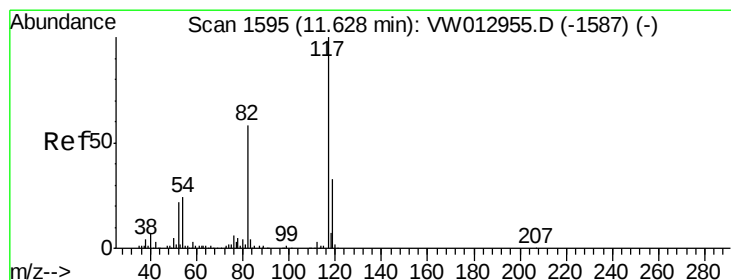
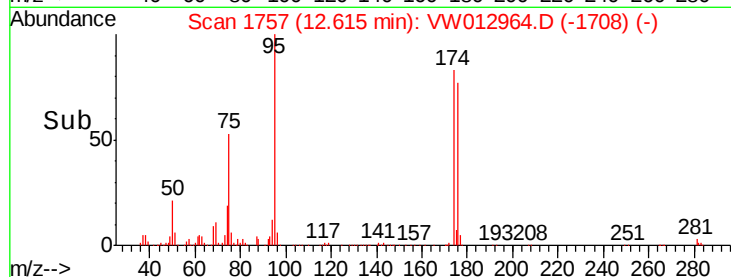
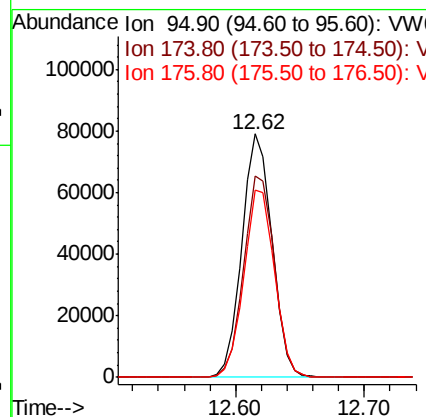
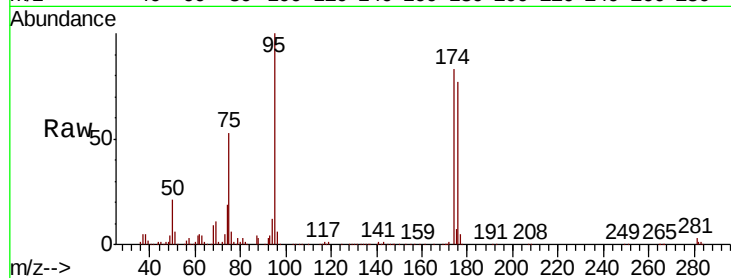




#62
4-Bromofluorobenzene
Concen: 44.816 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012964.D
Acq: 13 Sep 2019 20:33

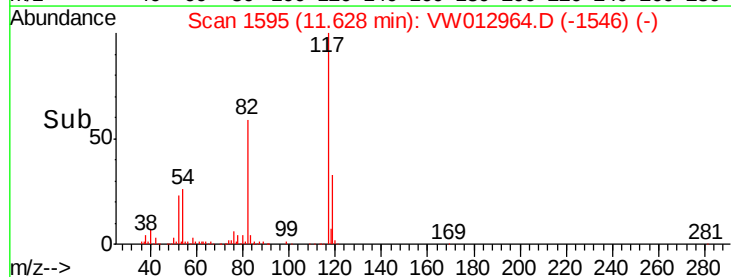
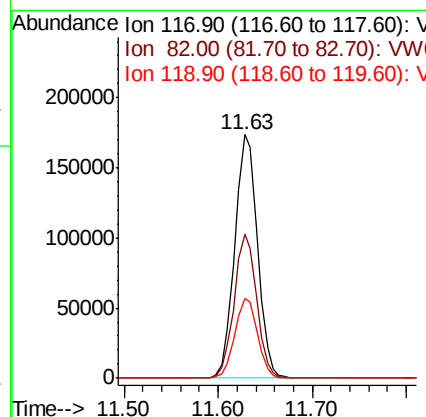
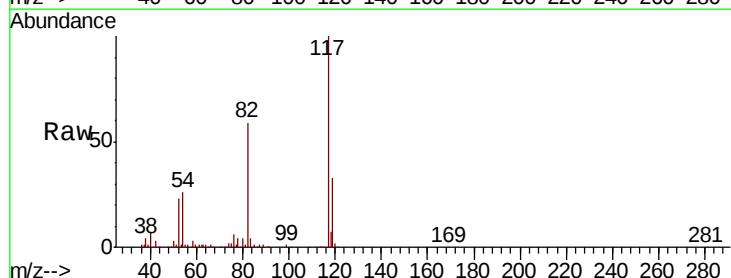
Instrument :
MSVOA_W
ClientSampleId :
T4-1-(0)-BRUCKNER

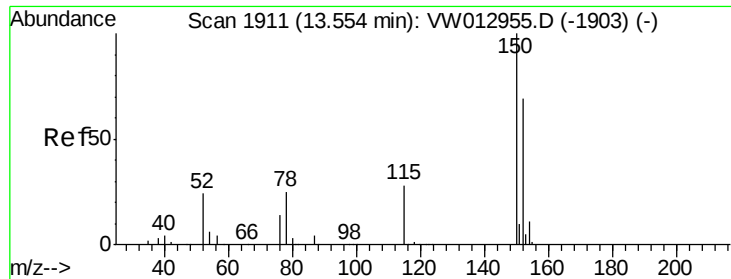
Tgt Ion: 95 Resp: 127174
Ion Ratio Lower Upper
95 100
174 84.5 0.0 170.4
176 78.7 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW012964.D
Acq: 13 Sep 2019 20:33

Tgt Ion: 117 Resp: 290502
Ion Ratio Lower Upper
117 100
82 59.2 46.3 69.5
119 32.9 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

Lab File: VW012964.D

Acq: 13 Sep 2019 20:33

Instrument :

MSVOA_W

ClientSampleId :

T4-1-(0)-BRUCKNER

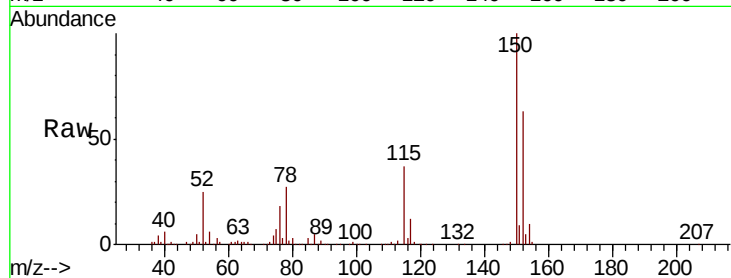
Tgt Ion:152 Resp: 110598

Ion Ratio Lower Upper

152 100

115 57.3 28.8 86.4

150 156.0 0.0 340.2



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

