

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091419\
 Data File : VW012967.D
 Acq On : 13 Sep 2019 21:50
 Operator : SY/VA
 Sample : K4719-05
 Misc : 4.66G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-2-(1.5)-BRUCKNER

Quant Time: Sep 14 04:57:39 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

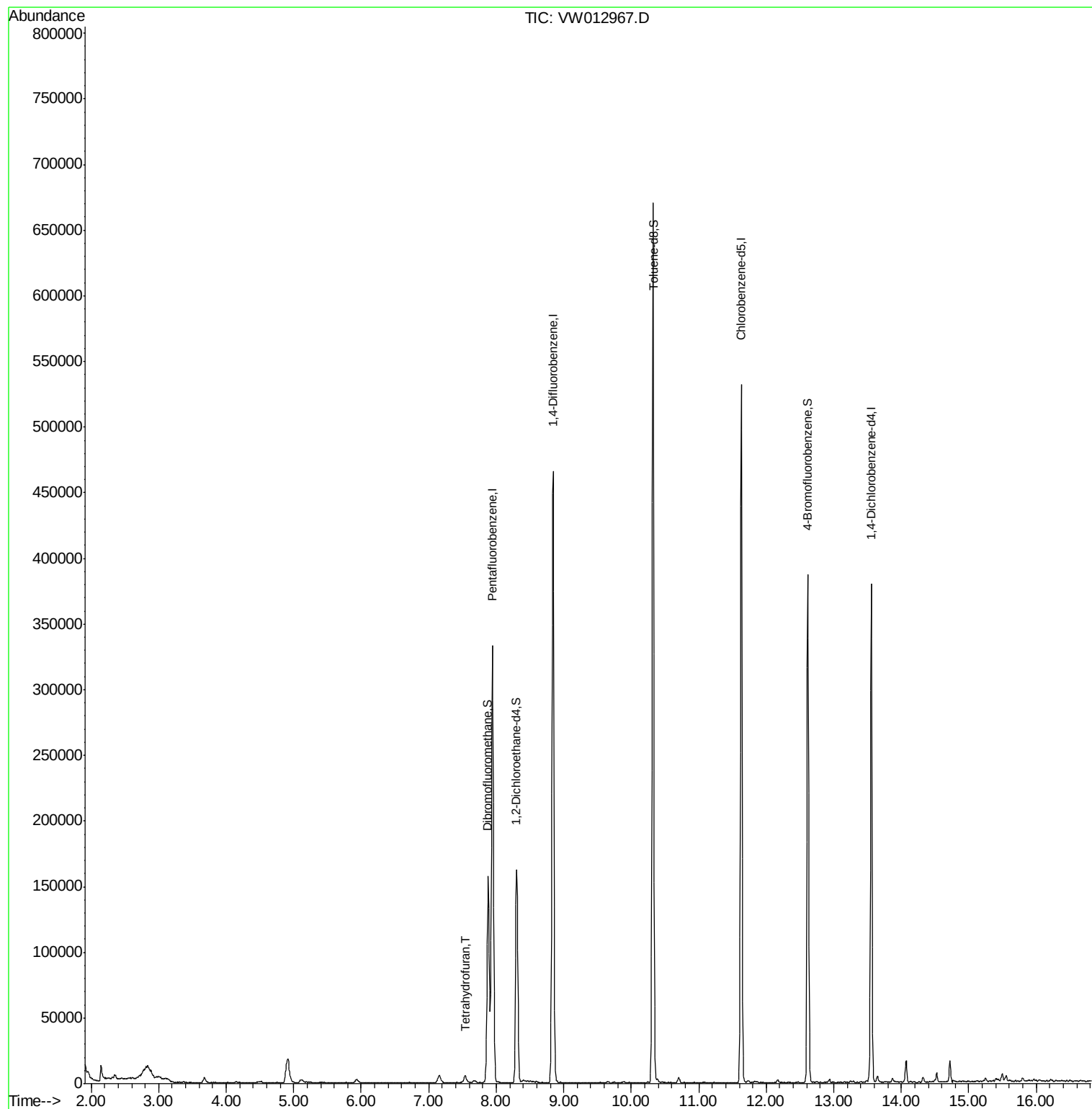
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	255686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	381980	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	290804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	96759	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	135794	57.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.00%	
35) Dibromofluoromethane	7.88	113	113481	54.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.50%	
50) Toluene-d8	10.32	98	436632	53.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.66%	
62) 4-Bromofluorobenzene	12.62	95	119135	40.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.70%	
Target Compounds						
29) Tetrahydrofuran	7.53	42	4836	11.303	ug/l	Qvalue 95

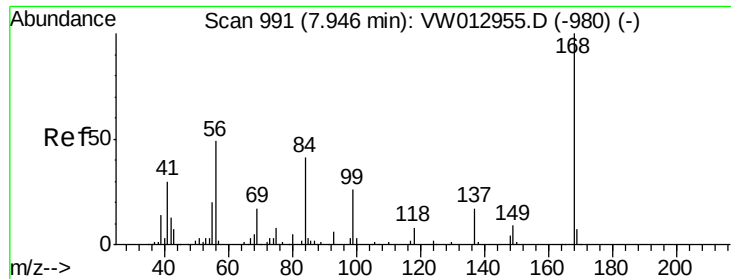
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012967.D

Acq: 13 Sep 2019 21:50

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MSVOA_W

ClientSampleId :

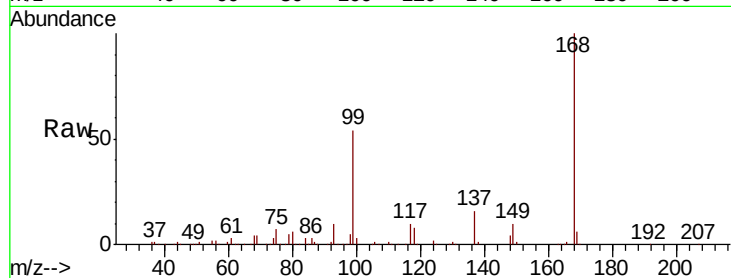
T4-2-(1.5)-BRUCKNER

Tgt Ion:168 Resp: 255686

Ion Ratio Lower Upper

168 100

99 53.9 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

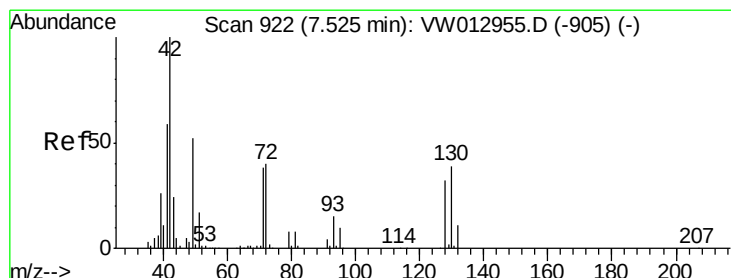
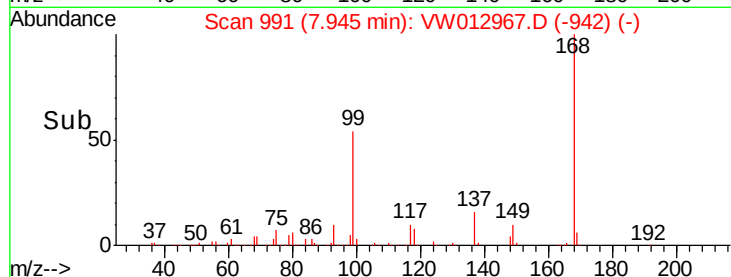
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#29

Tetrahydrofuran

Concen: 11.303 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.01 min

Lab File: VW012967.D

Acq: 13 Sep 2019 21:50

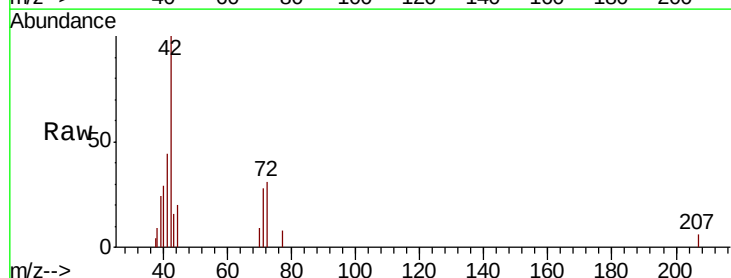
Tgt Ion: 42 Resp: 4836

Ion Ratio Lower Upper

42 100

72 42.0 31.4 47.0

71 40.9 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

2000

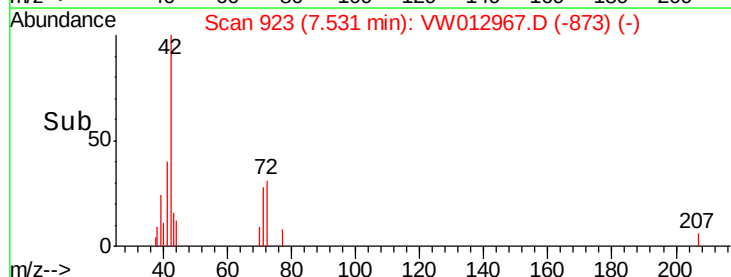
1500

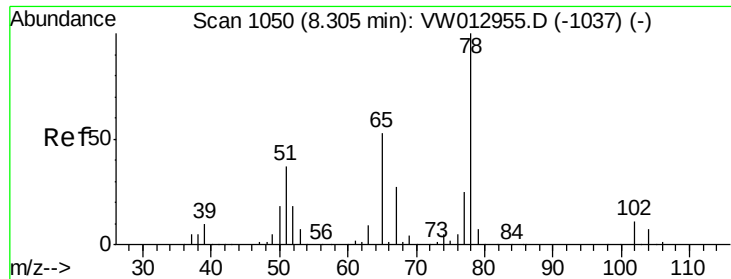
1000

500

0

Time--> 7.50 7.53 7.56

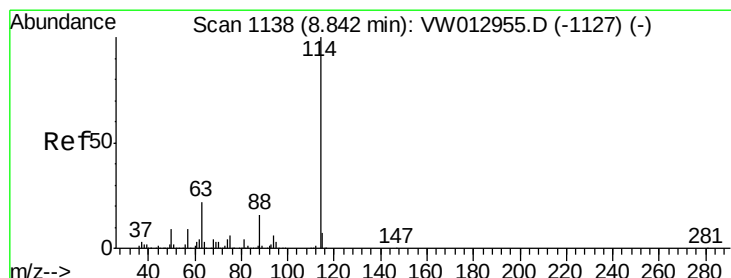
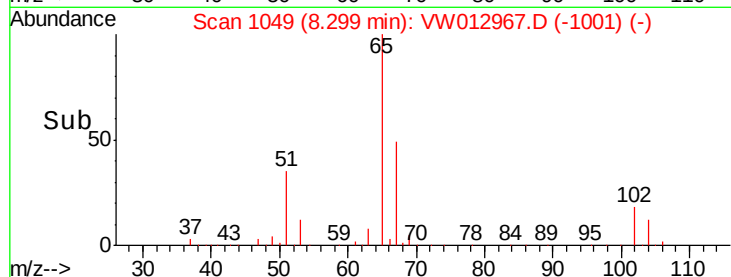
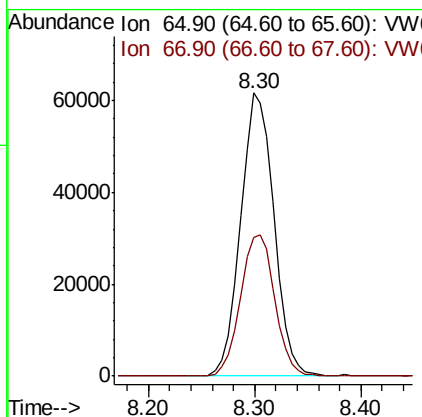
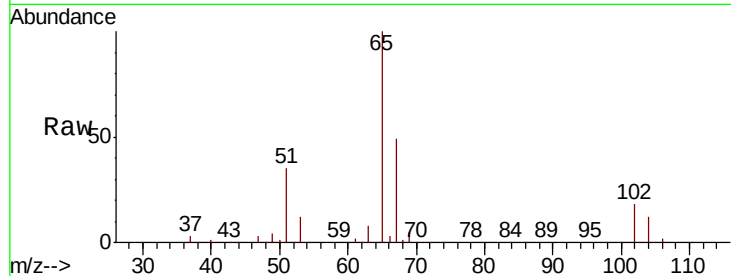




#33
 1,2-Dichloroethane-d4
 Concen: 57.505 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012967.D
 Acq: 13 Sep 2019 21:50

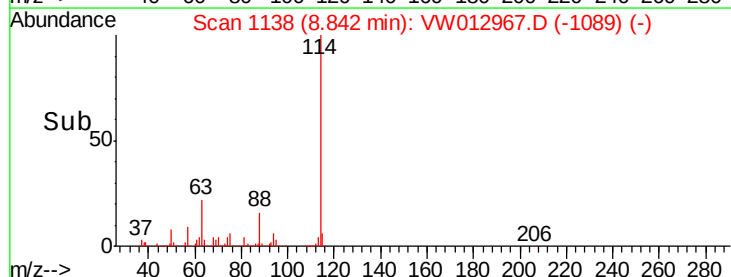
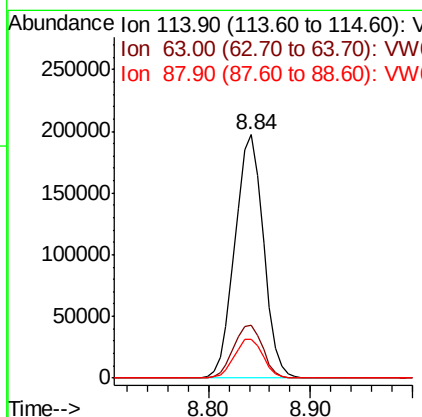
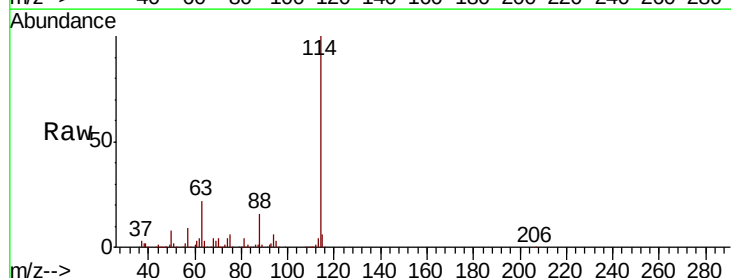
Instrument :
 MSVOA_W
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 T4-2-(1.5)-BRUCKNER

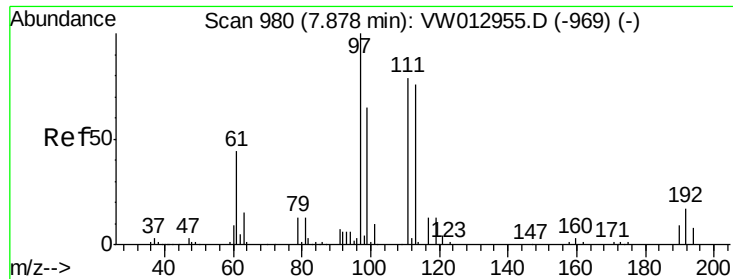
Tgt Ion: 65 Resp: 135794
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012967.D
 Acq: 13 Sep 2019 21:50

Tgt Ion: 114 Resp: 381980
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.4
 88 16.1 0.0 31.6

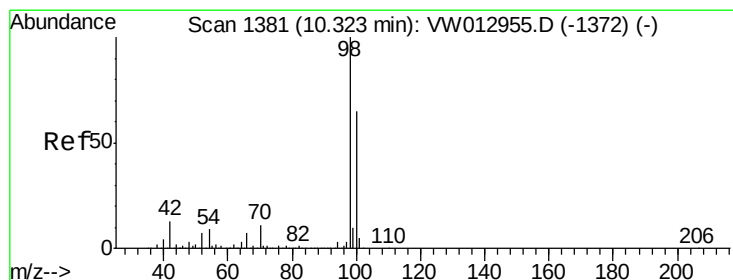
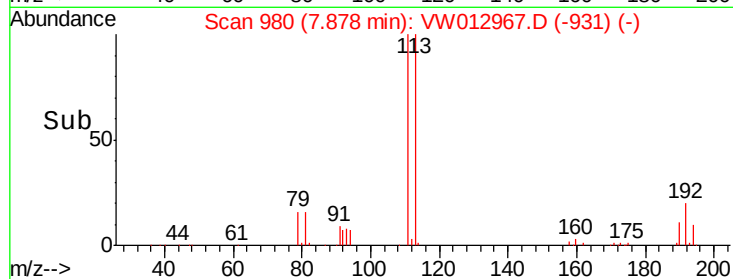
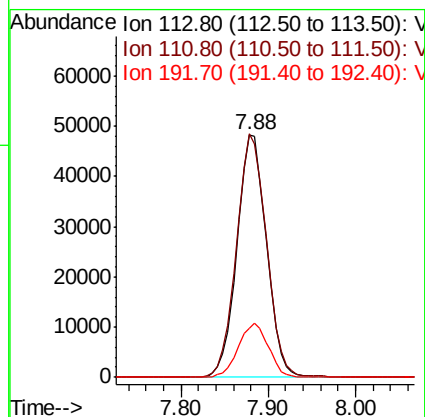
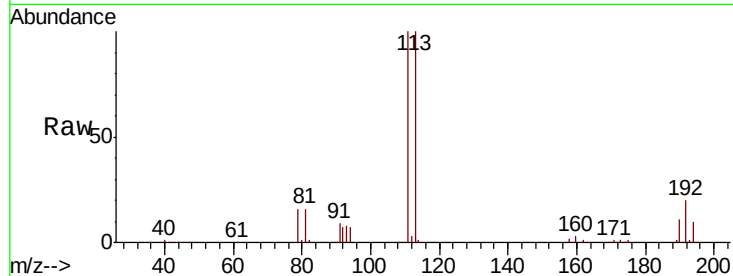




#35
 Dibromofluoromethane
 Concen: 54.751 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW012967.D
 Acq: 13 Sep 2019 21:50

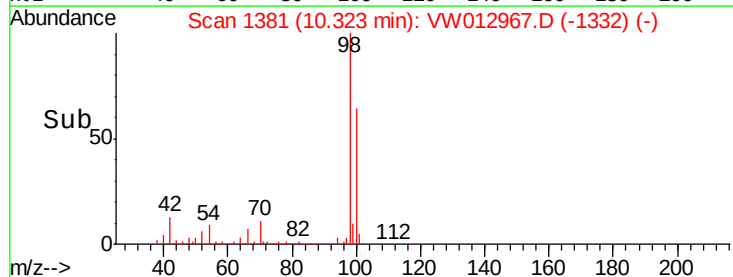
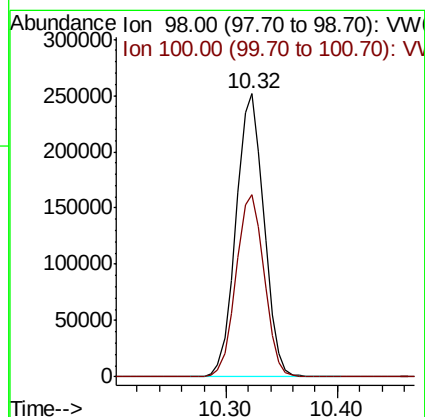
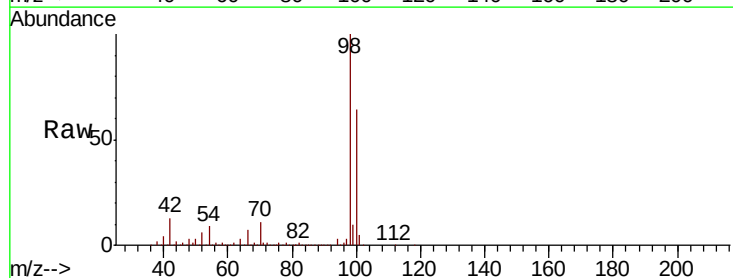
Instrument :
 MSVOA_W
 ClientSampleId :
 T4-2-(1.5)-BRUCKNER

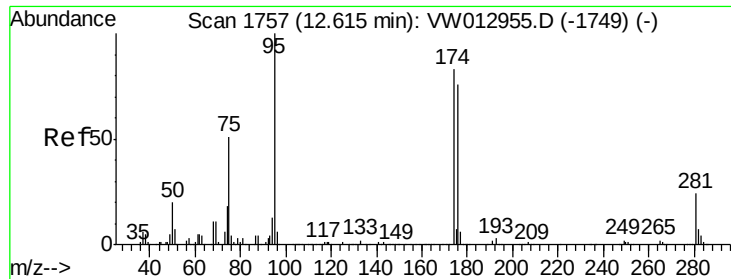
Tgt Ion: 113 Resp: 113481
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.8 124.2
 192 22.8 17.8 26.8



#50
 Toluene-d8
 Concen: 53.835 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012967.D
 Acq: 13 Sep 2019 21:50

Tgt Ion: 98 Resp: 436632
 Ion Ratio Lower Upper
 98 100
 100 64.9 52.1 78.1

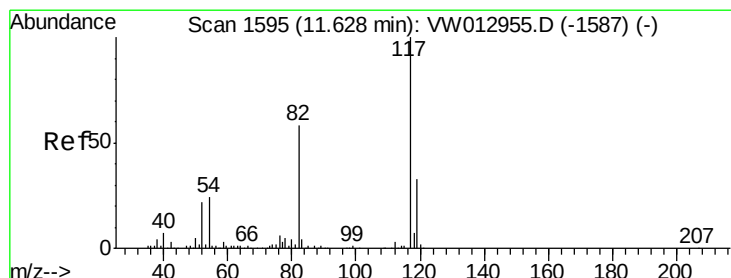
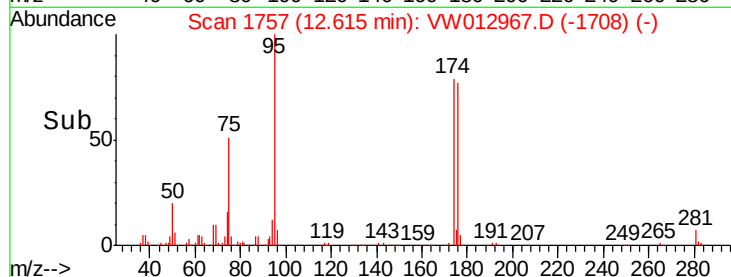
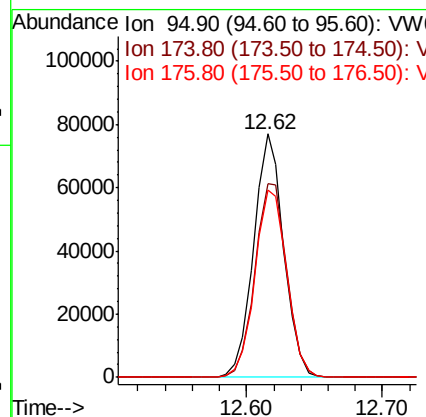
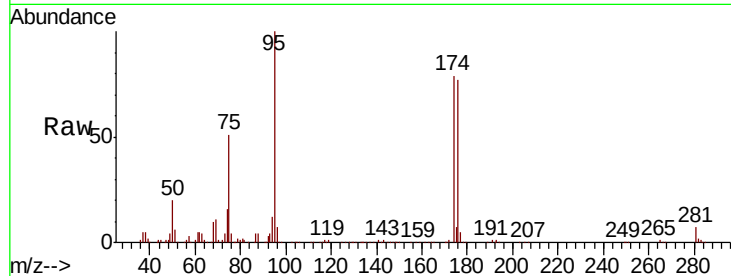




#62
4-Bromofluorobenzene
Concen: 40.850 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012967.D
Acq: 13 Sep 2019 21:50

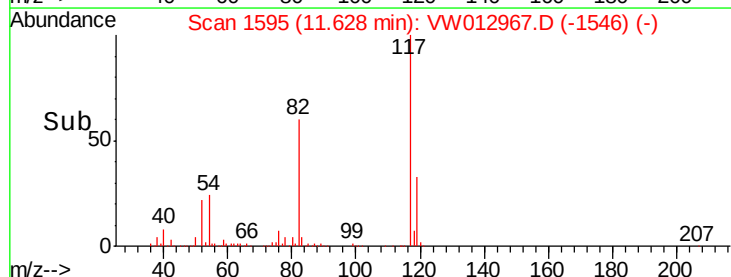
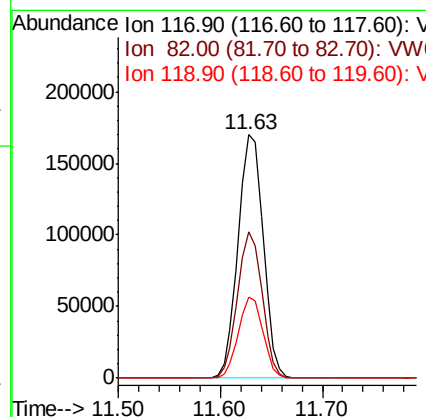
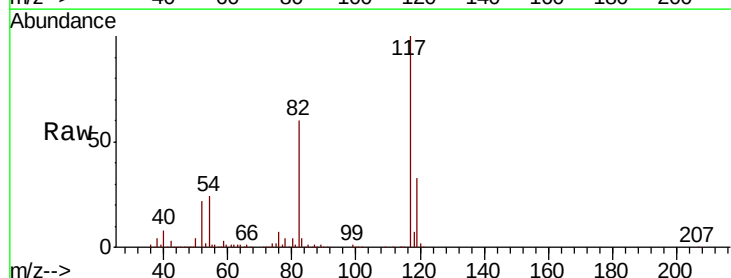
Instrument :
MSVOA_W
ClientSampleId :
T4-2-(1.5)-BRUCKNER

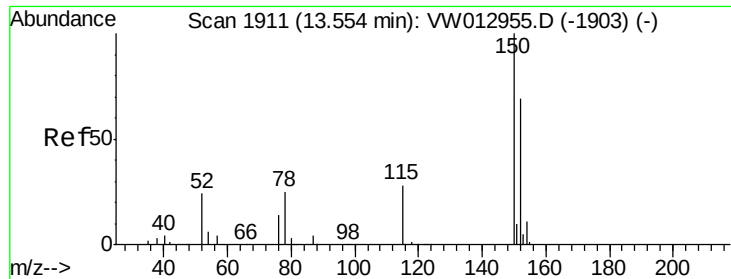
Tgt Ion: 95 Resp: 119135
Ion Ratio Lower Upper
95 100
174 84.7 0.0 170.4
176 82.0 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW012967.D
Acq: 13 Sep 2019 21:50

Tgt Ion: 117 Resp: 290804
Ion Ratio Lower Upper
117 100
82 60.1 46.3 69.5
119 33.1 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: VW012967.D

Acq: 13 Sep 2019 21:50

Instrument :

MSVOA_W

ClientSampleId :

T4-2-(1.5)-BRUCKNER

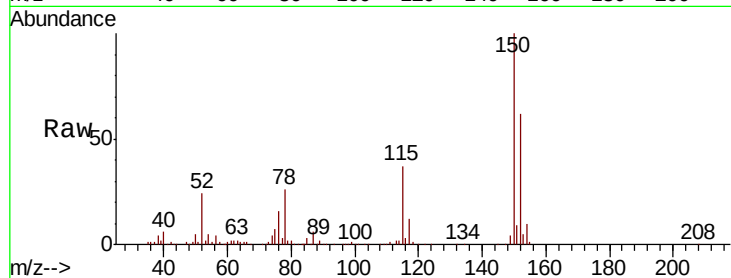
Tgt Ion:152 Resp: 96759

Ion Ratio Lower Upper

152 100

115 57.6 28.8 86.4

150 157.2 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

