

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091419\
 Data File : VW012974.D
 Acq On : 14 Sep 2019 00:50
 Operator : SY/VA
 Sample : K4719-13
 Misc : 4.10G/5ML/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-3(0)-HELLGATE

Quant Time: Sep 14 05:19:42 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

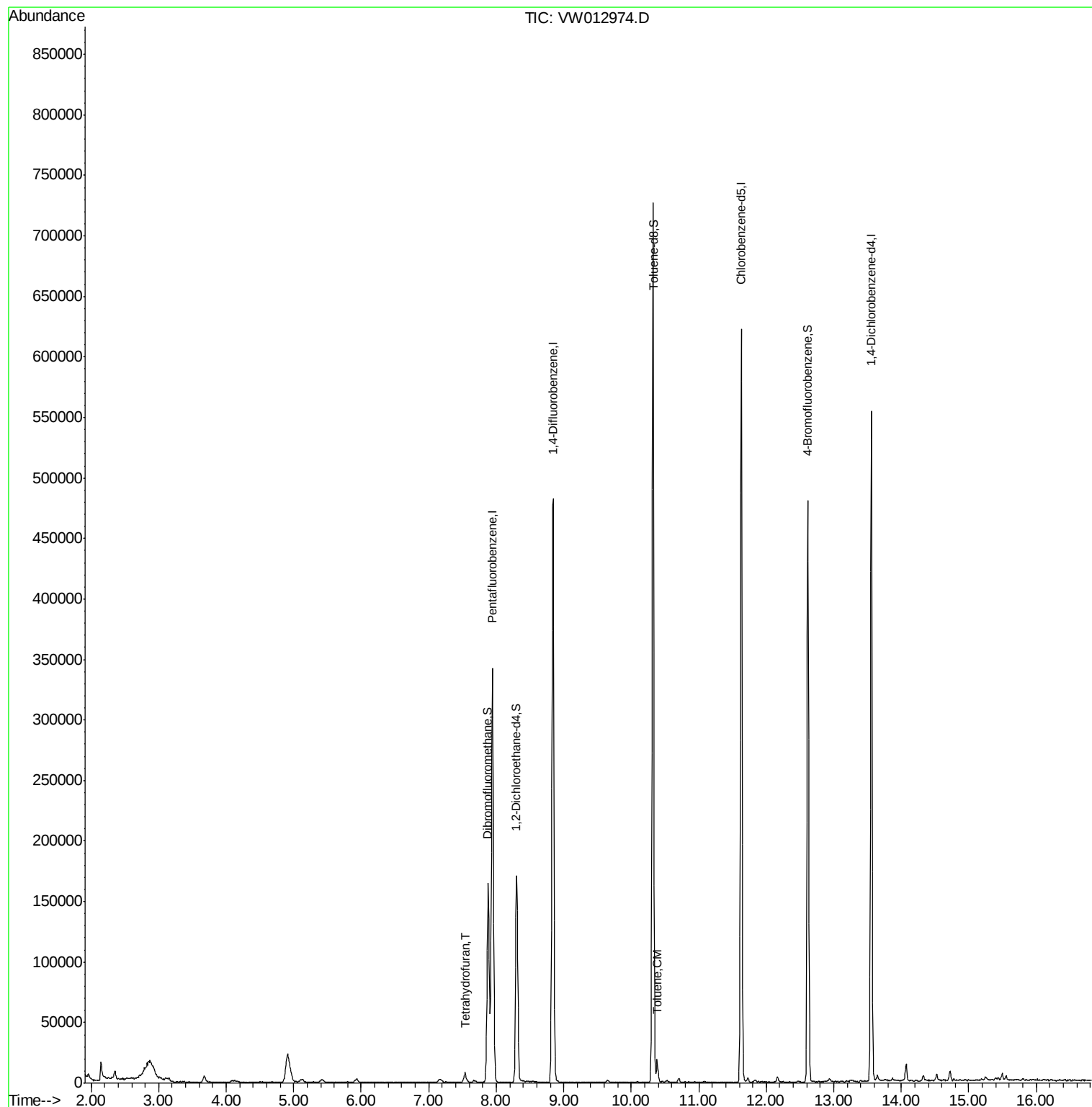
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	263286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	400462	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	333920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	145225	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	139174	57.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.46%	
35) Dibromofluoromethane	7.88	113	116748	53.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.46%	
50) Toluene-d8	10.32	98	475601	55.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.86%	
62) 4-Bromofluorobenzene	12.62	95	147441	48.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.44%	
Target Compounds						
29) Tetrahydrofuran	7.54	42	5874	13.333	ug/l	97
52) Toluene	10.38	92	7156	1.261	ug/l	97

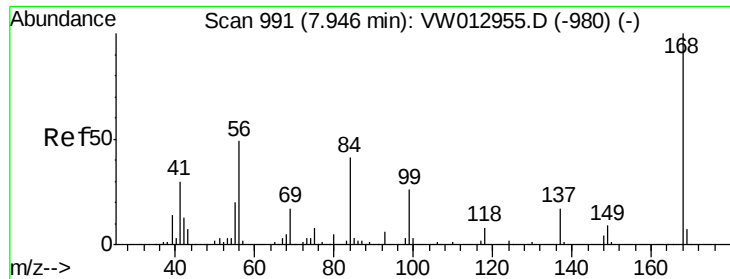
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091419\
Data File : VW012974.D
Acq On : 14 Sep 2019 00:50
Operator : SY/VA
Sample : K4719-13
Misc : 4.10G/5ML/MSVOA_W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T4-3-(0)-HELLGATE

Quant Time: Sep 14 05:19:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
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: VW012974.D

Acq: 14 Sep 2019 00:50

Instrument :

MSVOA_W

ClientSampleId :

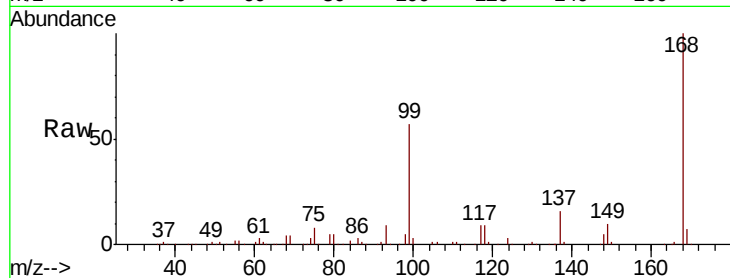
T4-3-(0)-HELLGATE

Tgt Ion: 168 Resp: 263286

Ion Ratio Lower Upper

168 100

99 56.5 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

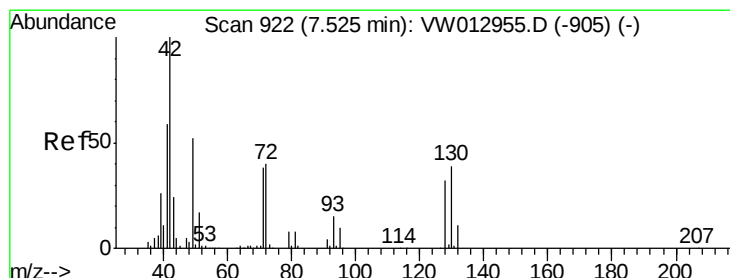
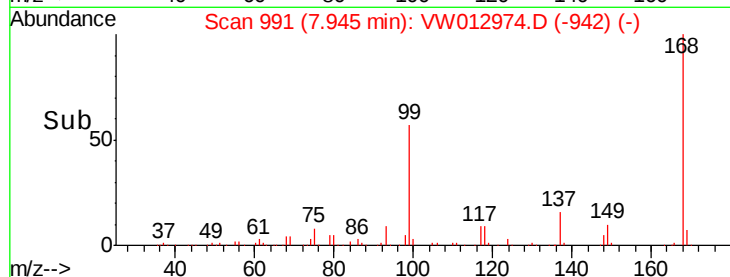
7.95

100000

50000

0

Time--> 7.80 7.90 8.00



#29

Tetrahydrofuran

Concen: 13.333 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012974.D

Acq: 14 Sep 2019 00:50

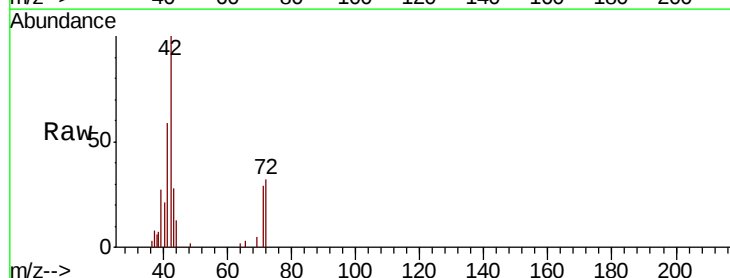
Tgt Ion: 42 Resp: 5874

Ion Ratio Lower Upper

42 100

72 41.8 31.4 47.0

71 36.6 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

7.54

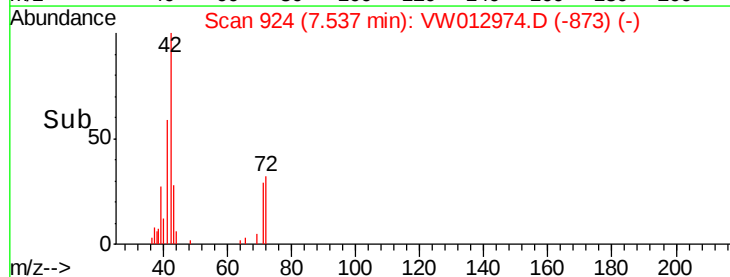
3000

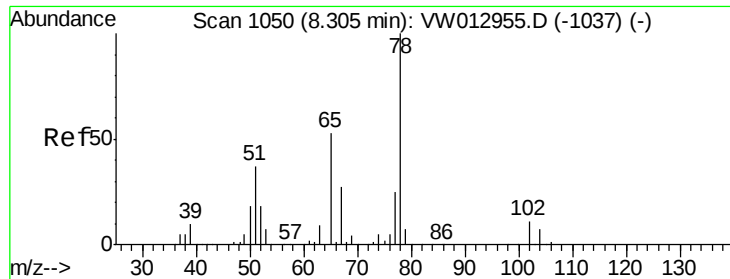
2000

1000

0

Time--> 7.45 7.50 7.55 7.60





#33

1,2-Dichloroethane-d4

Concen: 57.235 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012974.D

Acq: 14 Sep 2019 00:50

Instrument :

MSVOA_W

ClientSampleId :

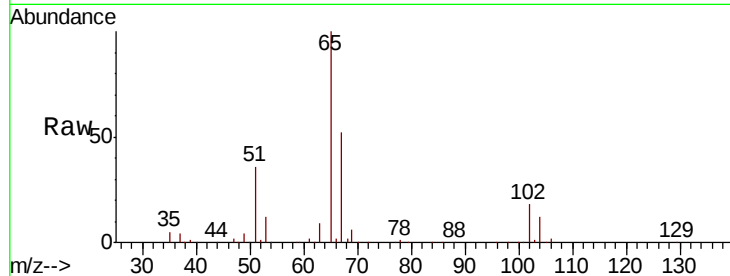
T4-3-(0)-HELLGATE

Tgt Ion: 65 Resp: 139174

Ion Ratio Lower Upper

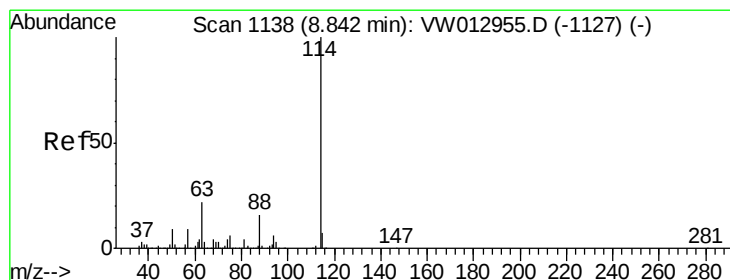
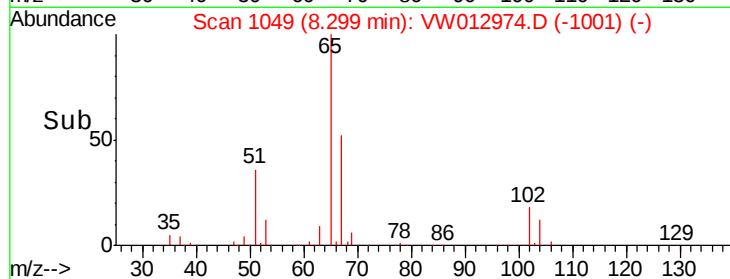
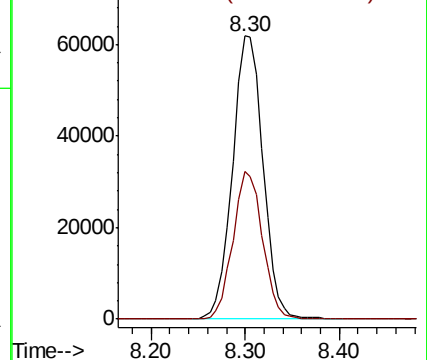
65 100

67 50.5 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012974.D

Acq: 14 Sep 2019 00:50

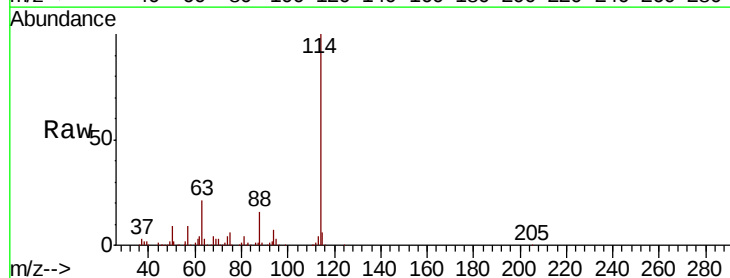
Tgt Ion: 114 Resp: 400462

Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.4

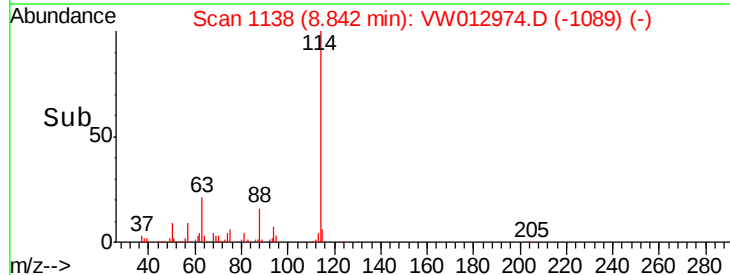
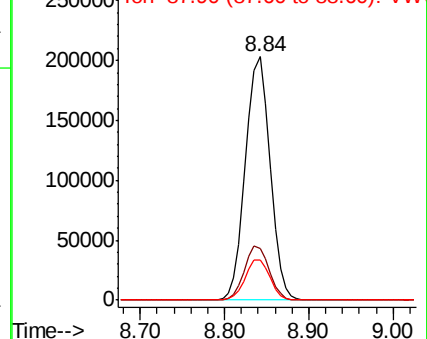
88 16.2 0.0 31.6

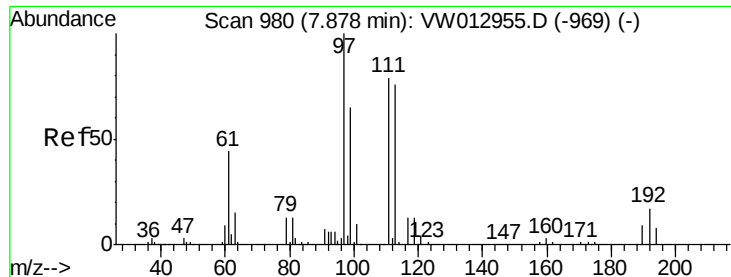


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

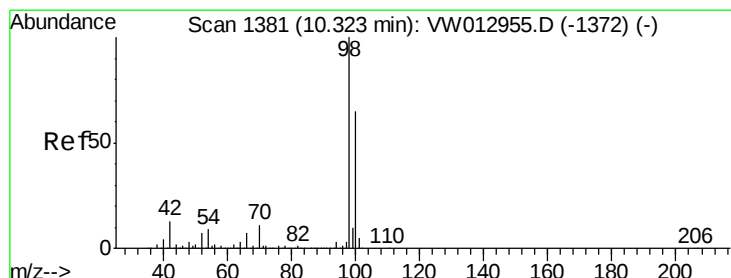
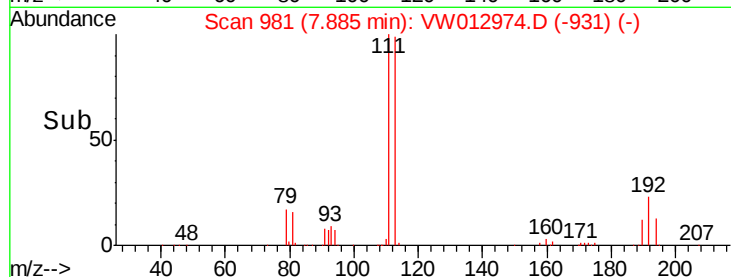
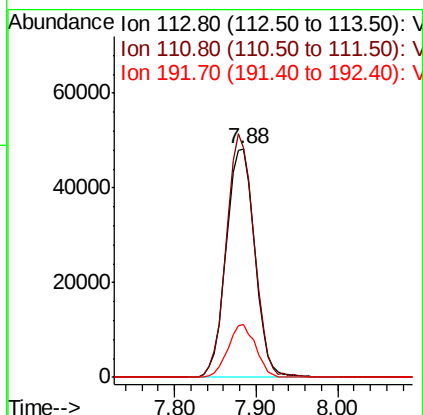
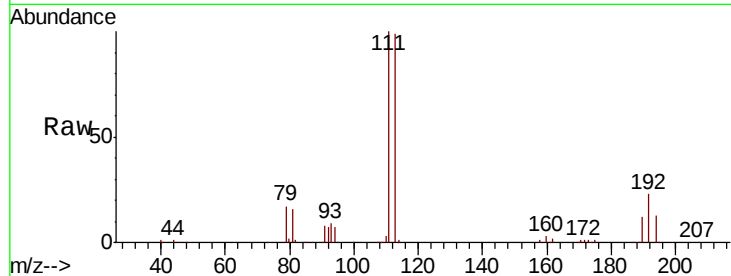




#35
 Dibromofluoromethane
 Concen: 53.728 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW012974.D
 Acq: 14 Sep 2019 00:50

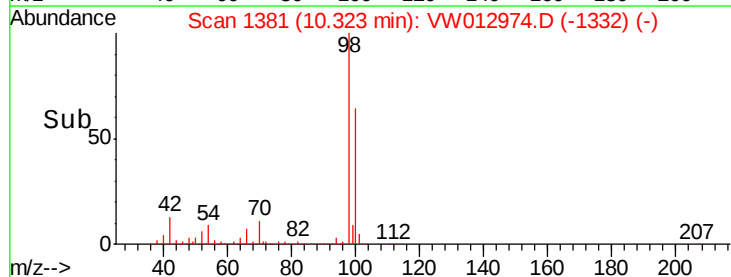
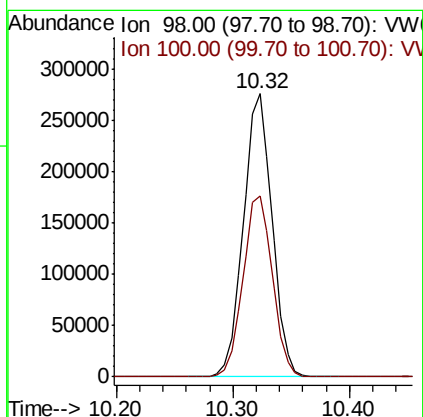
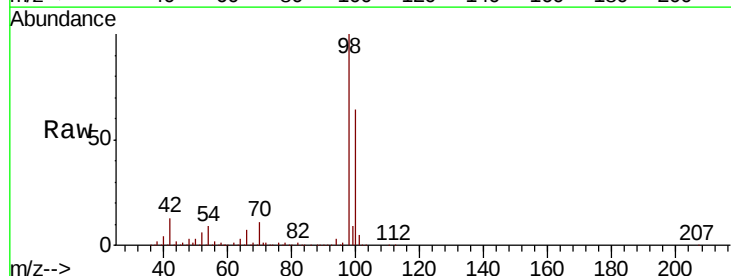
Instrument :
 MSVOA_W
 ClientSampleId :
 T4-3-(0)-HELLGATE

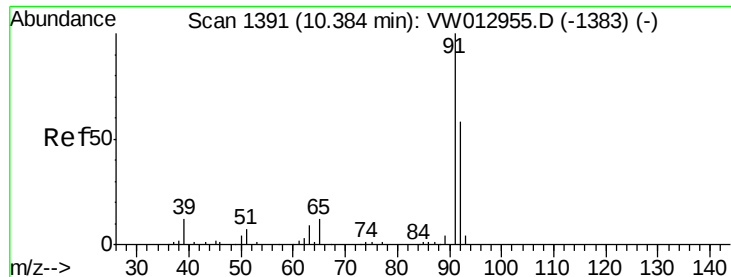
Tgt Ion: 113 Resp: 116748
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.8 124.2
 192 22.5 17.8 26.8



#50
 Toluene-d8
 Concen: 55.933 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012974.D
 Acq: 14 Sep 2019 00:50

Tgt Ion: 98 Resp: 475601
 Ion Ratio Lower Upper
 98 100
 100 65.4 52.1 78.1





#52

Toluene

Concen: 1.261 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW012974.D

Acq: 14 Sep 2019 00:50

Instrument :

MSVOA_W

ClientSampleId :

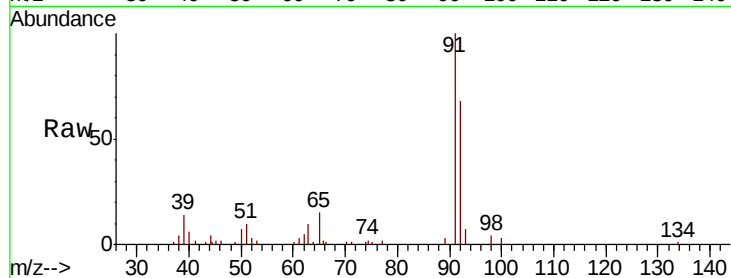
T4-3-(0)-HELLGATE

Tgt Ion: 92 Resp: 7156

Ion Ratio Lower Upper

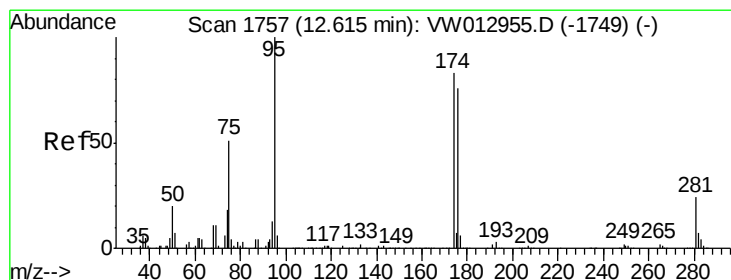
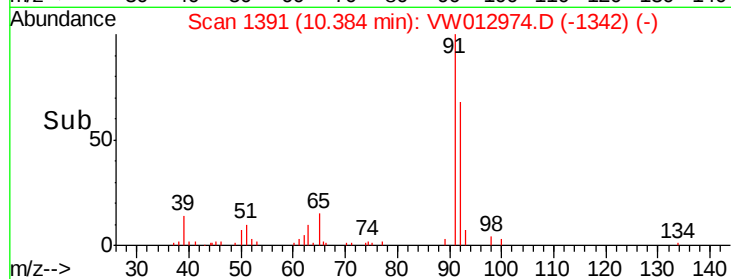
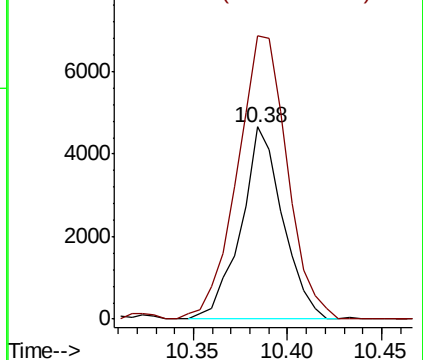
92 100

91 176.6 137.5 206.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 48.223 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012974.D

Acq: 14 Sep 2019 00:50

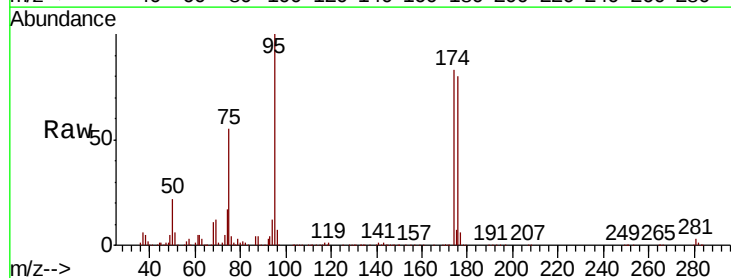
Tgt Ion: 95 Resp: 147441

Ion Ratio Lower Upper

95 100

174 86.1 0.0 170.4

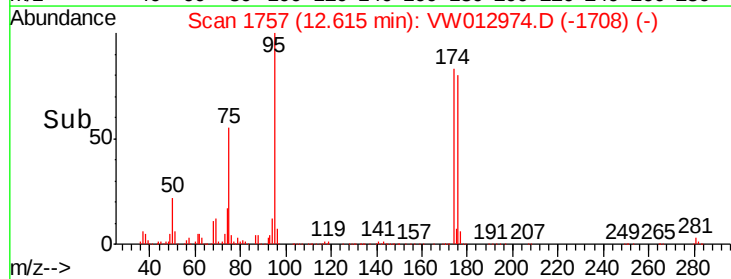
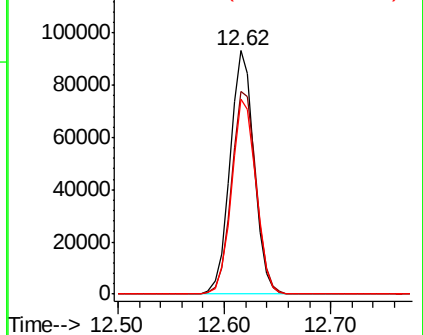
176 81.8 0.0 164.6

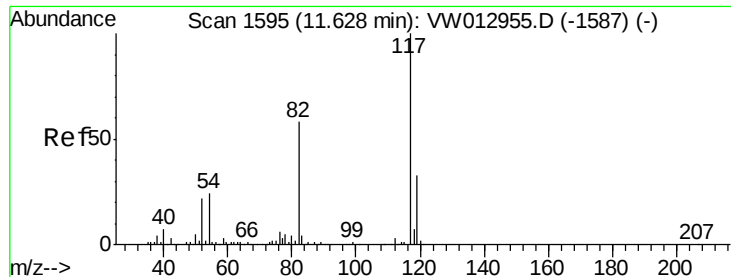


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

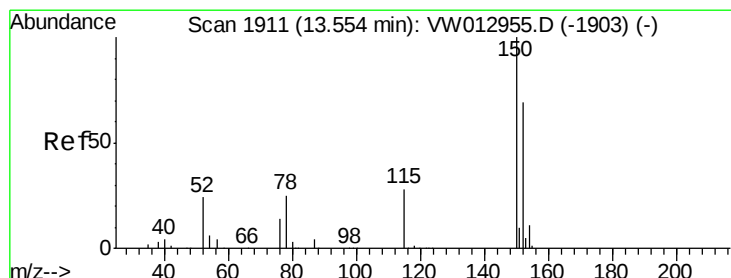
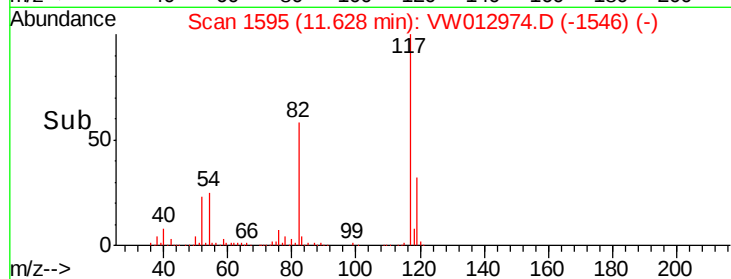
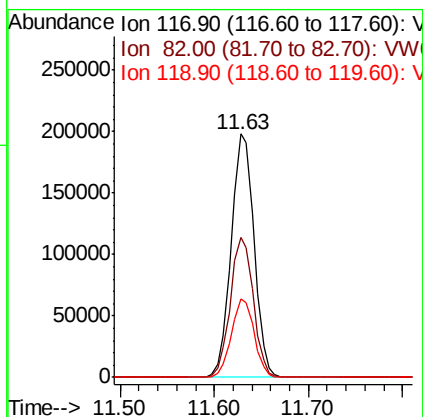
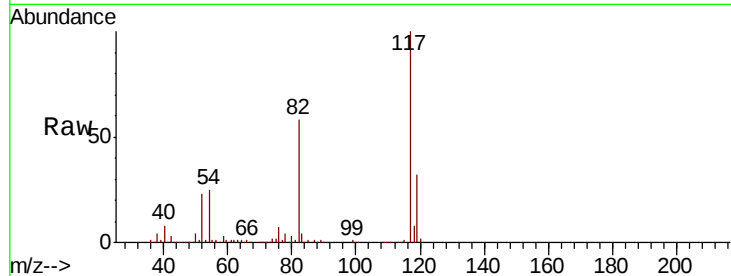




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW012974.D
Acq: 14 Sep 2019 00:50

Instrument :
MSVOA_W
ClientSampleId :
T4-3-(0)-HELLGATE

Tgt Ion:117 Resp: 333920
Ion Ratio Lower Upper
117 100
82 57.7 46.3 69.5
119 32.5 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: VW012974.D
Acq: 14 Sep 2019 00:50

Tgt Ion:152 Resp: 145225
Ion Ratio Lower Upper
152 100
115 57.7 28.8 86.4
150 157.1 0.0 340.2

