

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091419\
 Data File : VW012973.D
 Acq On : 14 Sep 2019 00:25
 Operator : SY/VA
 Sample : K4719-12
 Misc : 6.36G/5ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Sep 14 05:17:38 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	173965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	256109	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	202269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	72990	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	90084	56.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.14%	
35) Dibromofluoromethane	7.88	113	76134	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	
50) Toluene-d8	10.32	98	296706	54.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.12%	
62) 4-Bromofluorobenzene	12.62	95	82898	42.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.78%	

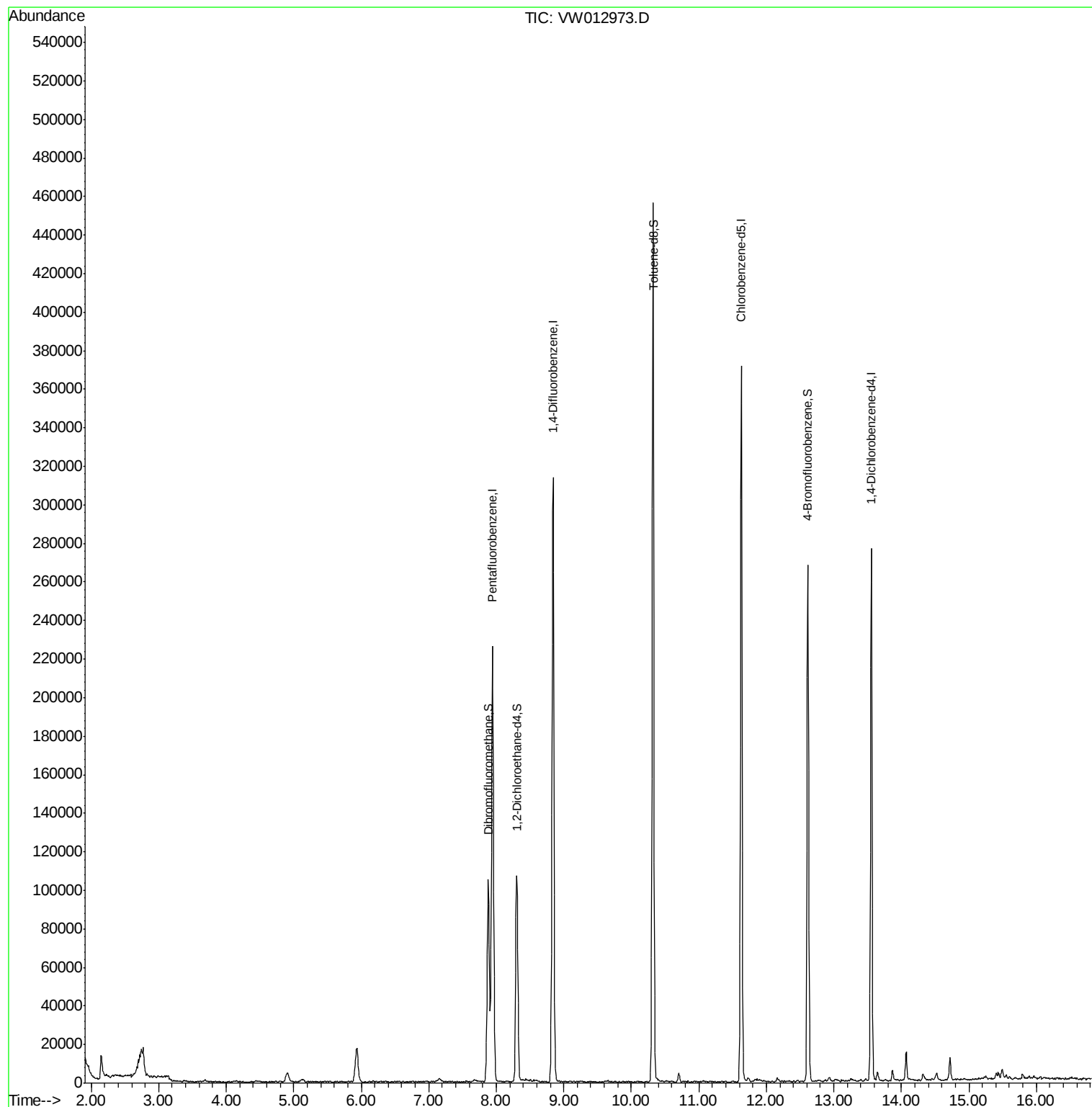
Target Compounds	Qvalue

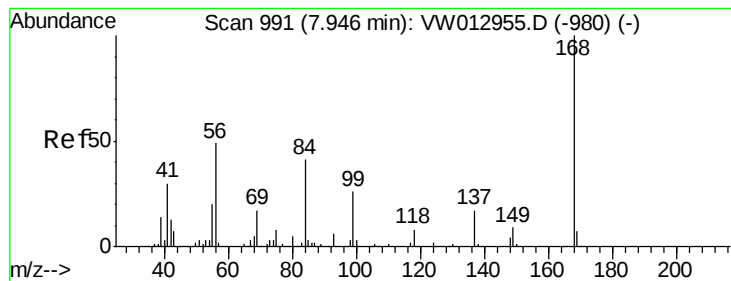
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 13 17:26:01 2019
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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: VW012973.D

Acq: 14 Sep 2019 00:25

Instrument :

MSVOA_W

ClientSampleId :

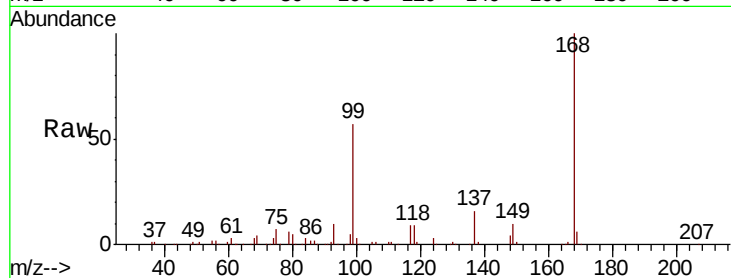
T4-2-(1.5)-HELLGATE

Tgt Ion:168 Resp: 173965

Ion Ratio Lower Upper

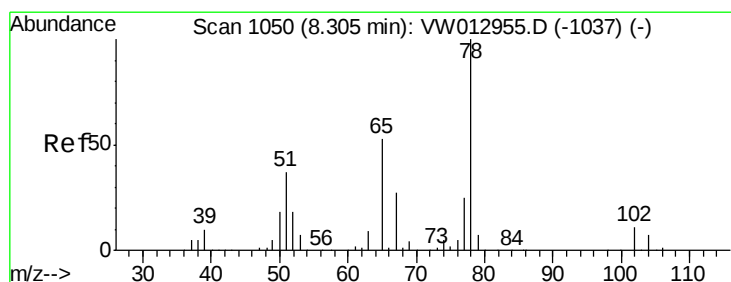
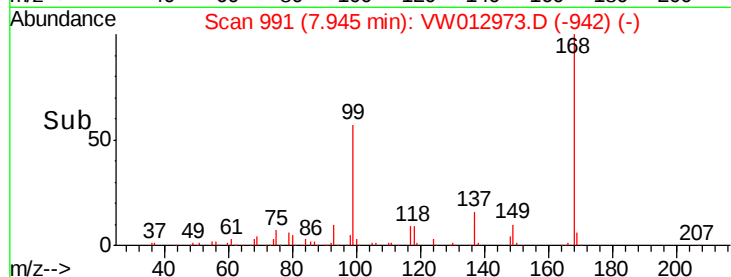
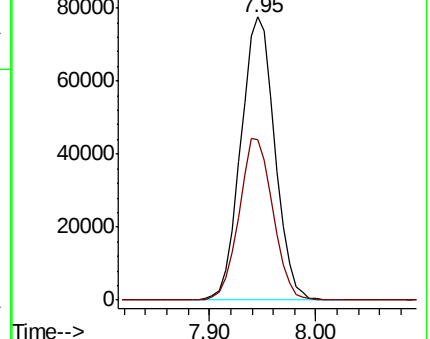
168 100

99 56.6 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 56.068 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012973.D

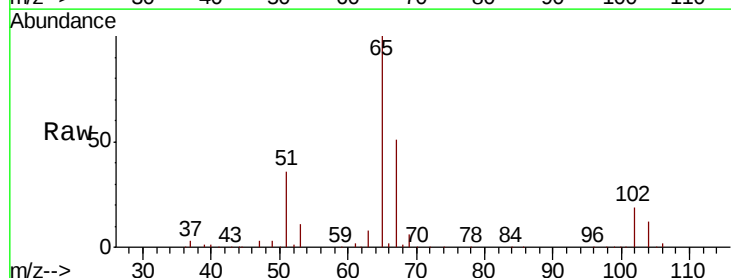
Acq: 14 Sep 2019 00:25

Tgt Ion: 65 Resp: 90084

Ion Ratio Lower Upper

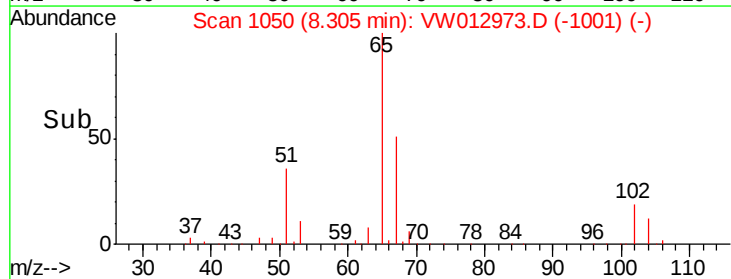
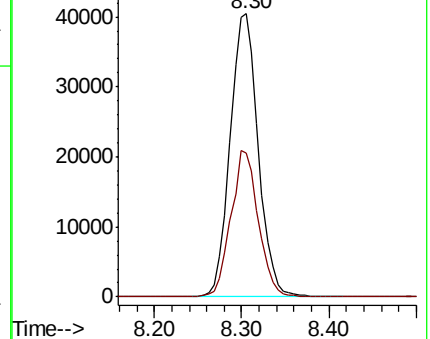
65 100

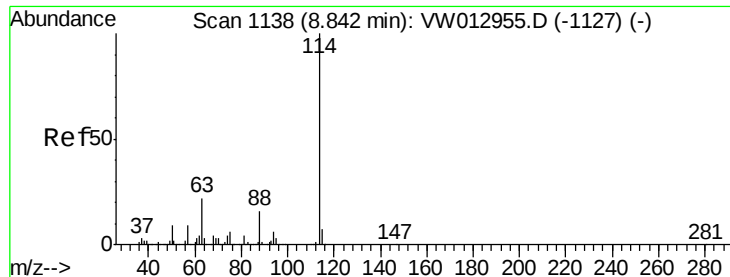
67 50.6 0.0 101.2



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: VW012973.D

Acq: 14 Sep 2019 00:25

Instrument :

MSVOA_W

ClientSampleId :

T4-2-(1.5)-HELLGATE

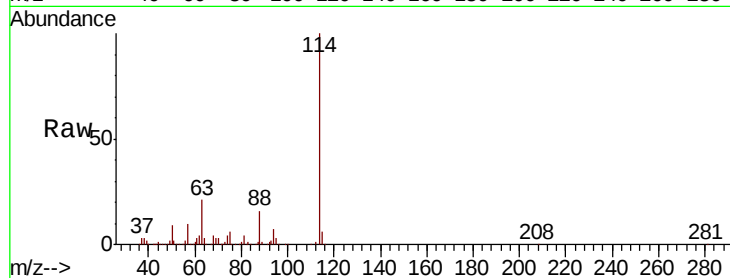
Tgt Ion:114 Resp: 256109

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.4

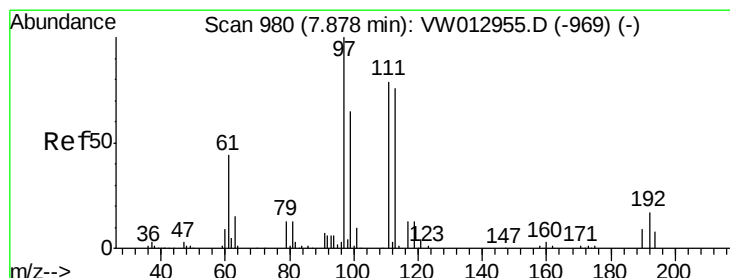
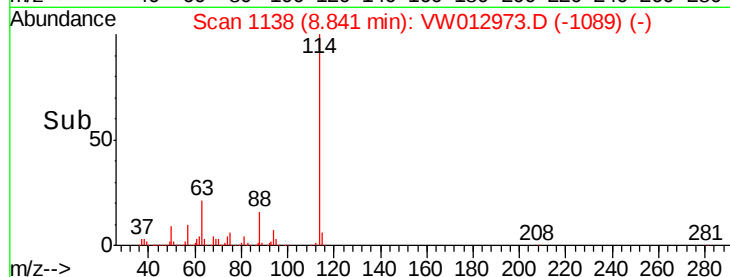
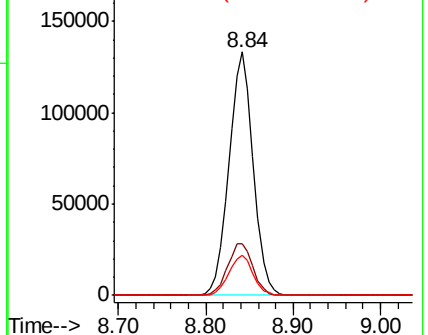
88 16.5 0.0 31.6



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: 54.785 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW012973.D

Acq: 14 Sep 2019 00:25

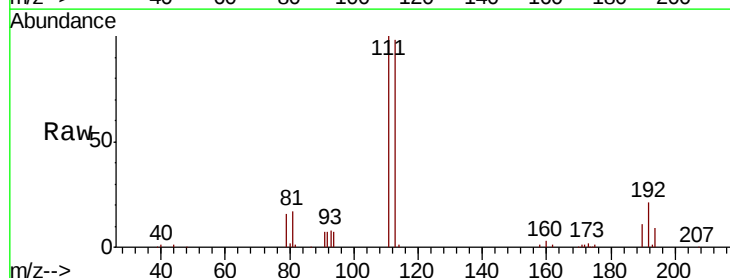
Tgt Ion:113 Resp: 76134

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

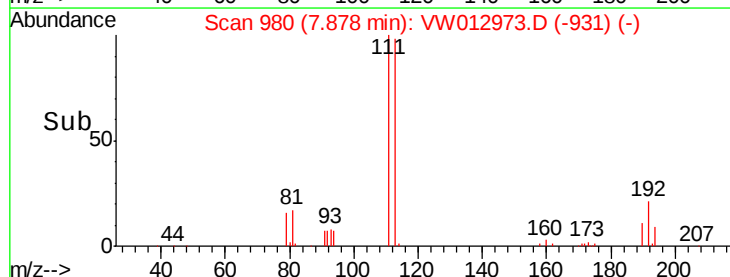
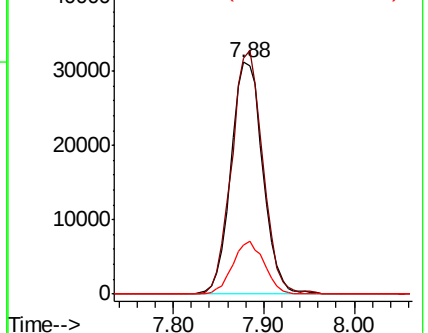
192 22.4 17.8 26.8

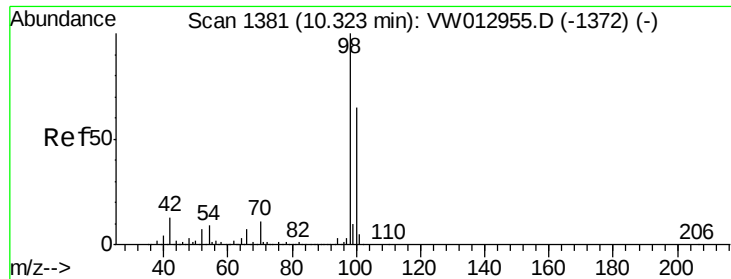


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

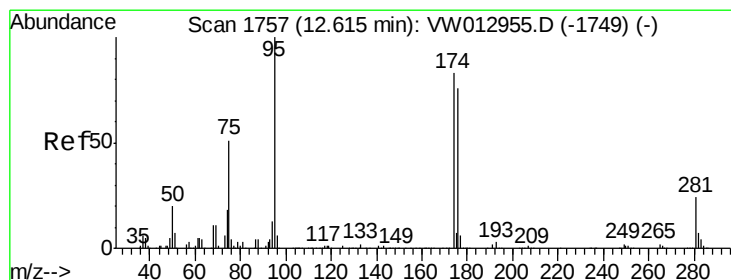
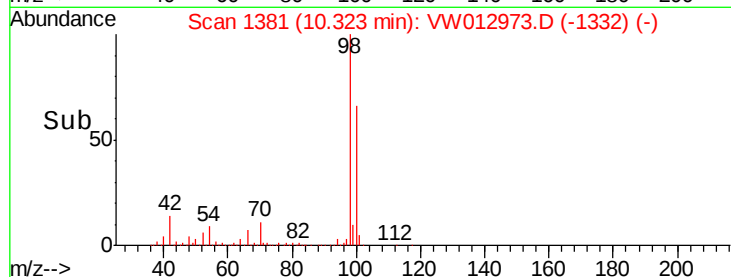
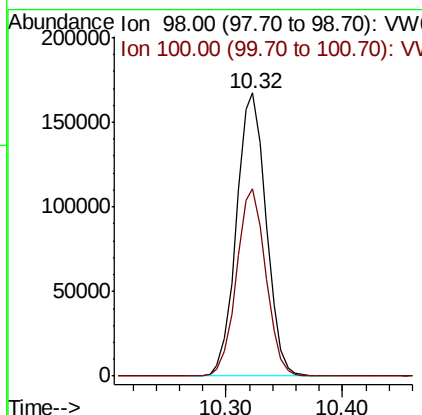
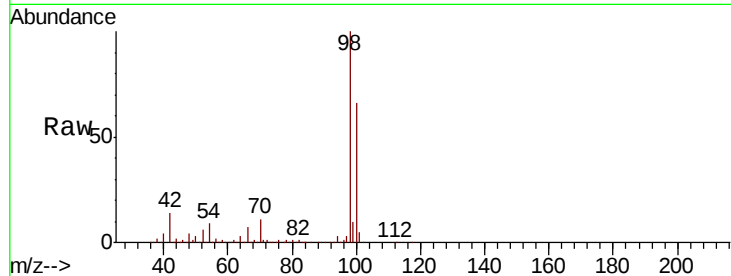




#50
Toluene-d8
Concen: 54.562 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012973.D
Acq: 14 Sep 2019 00:25

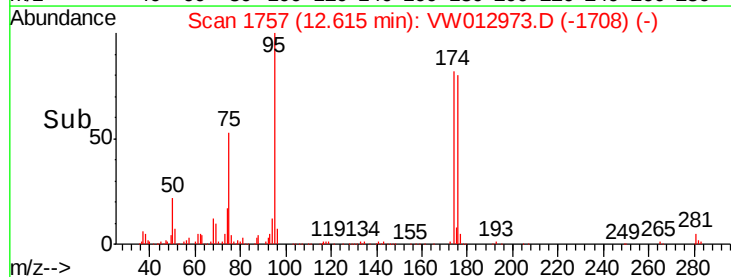
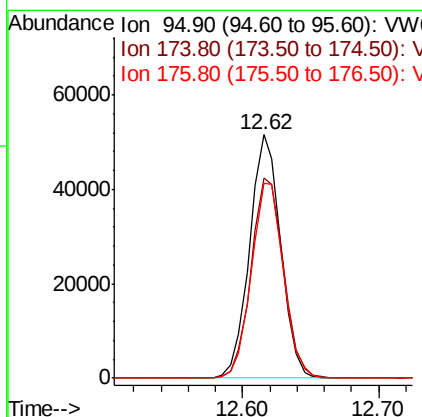
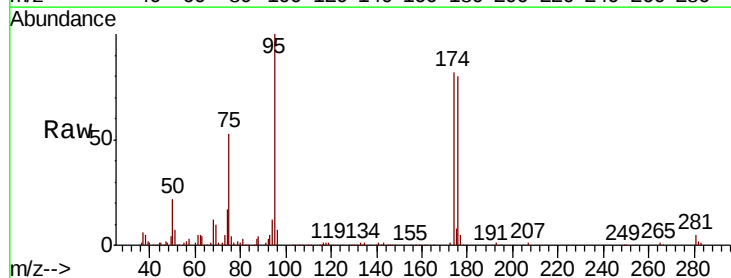
Instrument :
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ClientSampleId :
T4-2-(1.5)-HELLGATE

Tgt Ion: 98 Resp: 296706
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.395 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012973.D
Acq: 14 Sep 2019 00:25

Tgt Ion: 95 Resp: 82898
Ion Ratio Lower Upper
95 100
174 85.2 0.0 170.4
176 82.7 0.0 164.6

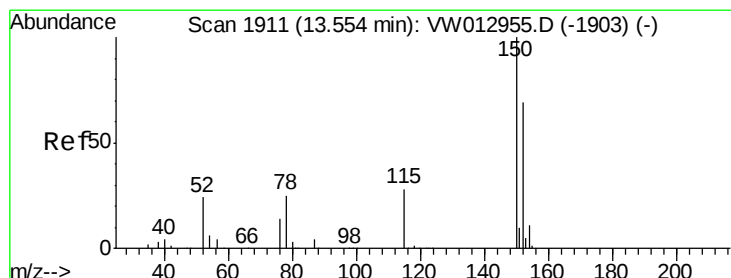
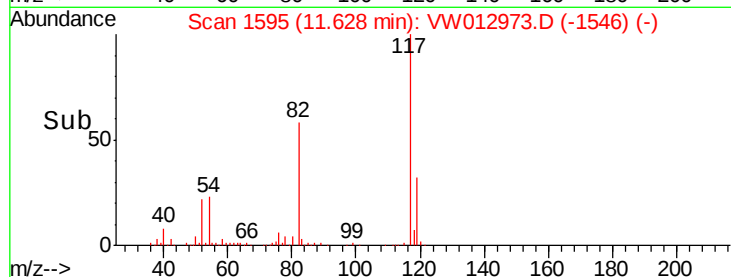
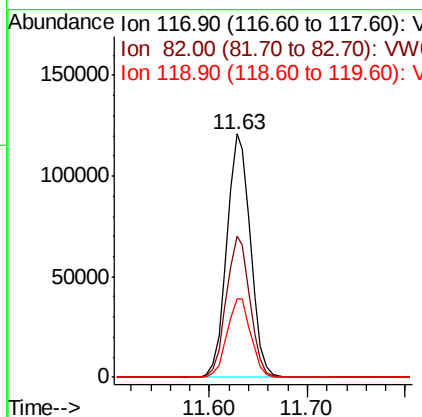
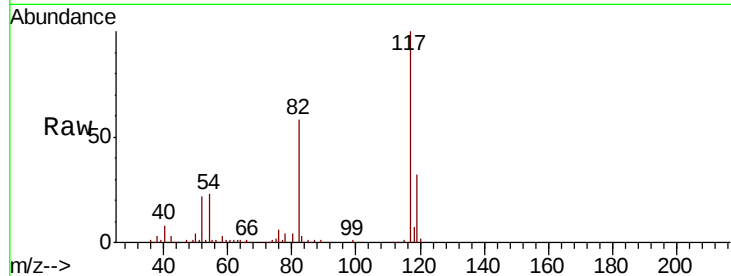




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW012973.D
Acq: 14 Sep 2019 00:25

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

Tgt Ion:117 Resp: 202269
Ion Ratio Lower Upper
117 100
82 57.8 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: VW012973.D
Acq: 14 Sep 2019 00:25

Tgt Ion:152 Resp: 72990
Ion Ratio Lower Upper
152 100
115 57.7 28.8 86.4
150 159.1 0.0 340.2

