

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091419\
 Data File : VW012977.D
 Acq On : 14 Sep 2019 02:08
 Operator : SY/VA
 Sample : K4719-16
 Misc : 6.42G/5ML/MSVOA_W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-4(1.5)-HELLGATE

Quant Time: Sep 14 05:39:24 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	41140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	59864	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	47286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	15117	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	24164	63.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.20%	
35) Dibromofluoromethane	7.88	113	19350	59.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.14%	
50) Toluene-d8	10.32	98	68987	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	
62) 4-Bromofluorobenzene	12.62	95	18607	40.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.42%	

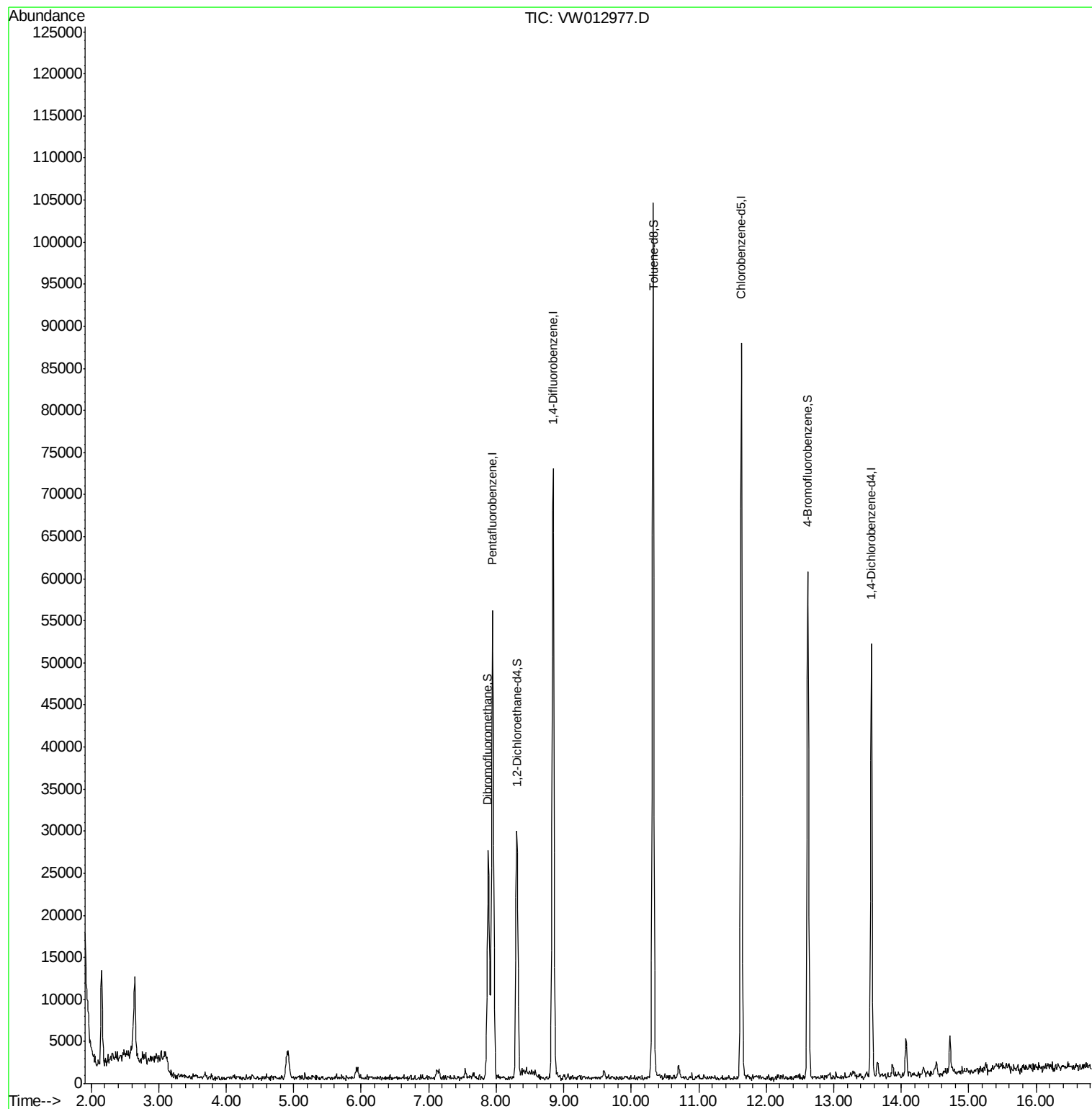
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012977.D

Acq: 14 Sep 2019 02:08

Instrument :

MSVOA_W

ClientSampleId :

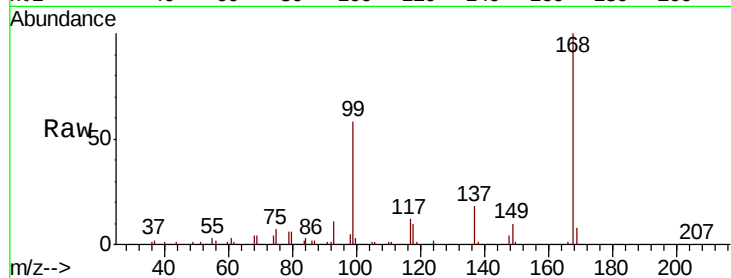
T4-4-(1.5)-HELLGATE

Tgt Ion:168 Resp: 41140

Ion Ratio Lower Upper

168 100

99 57.5 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

20000

15000

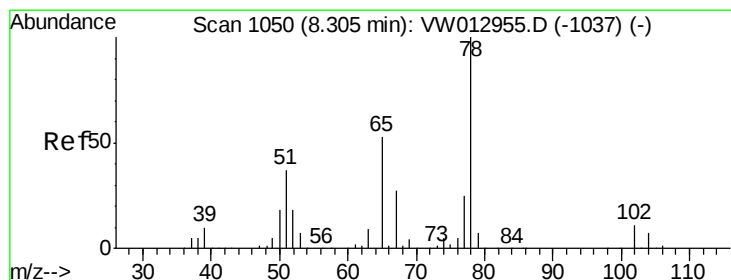
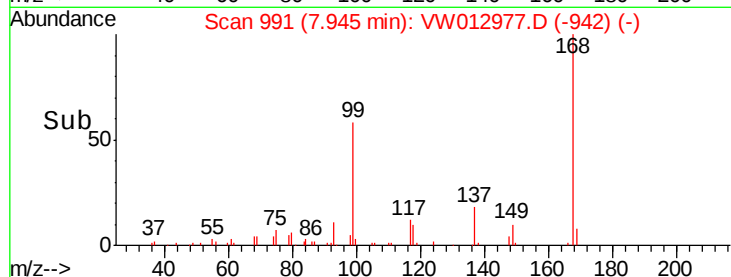
10000

5000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 63.597 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012977.D

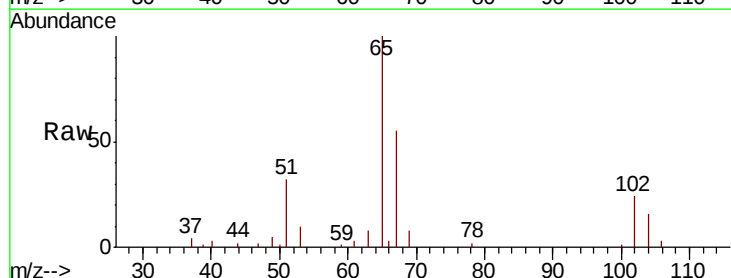
Acq: 14 Sep 2019 02:08

Tgt Ion: 65 Resp: 24164

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

12000

10000

8000

6000

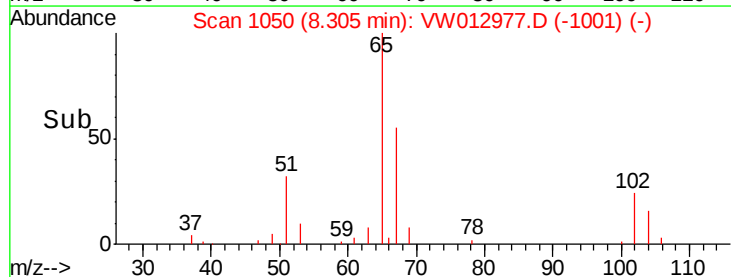
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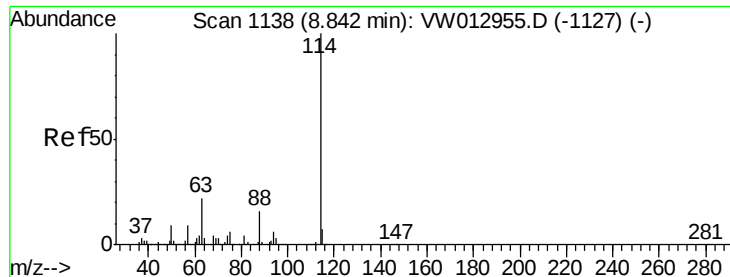
2000

0

8.20 8.25 8.30 8.35 8.40

Time-->

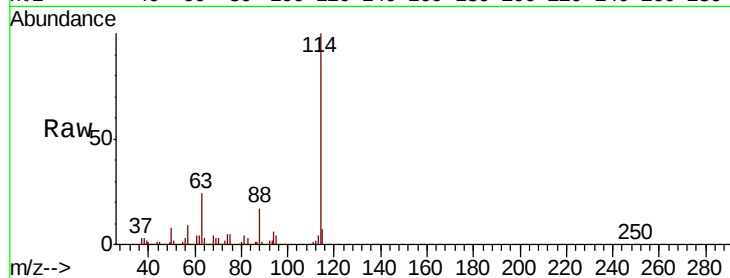




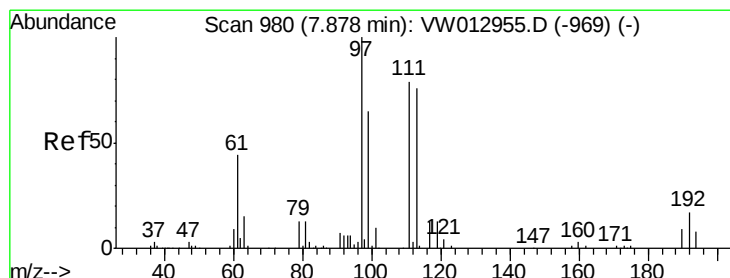
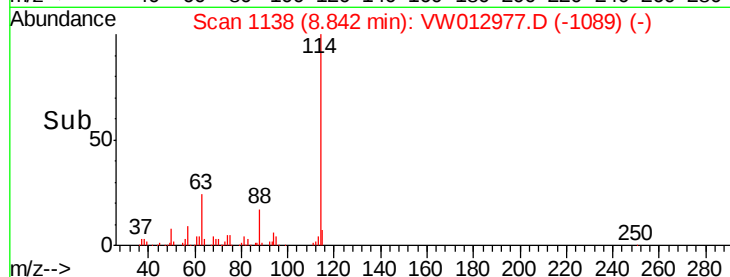
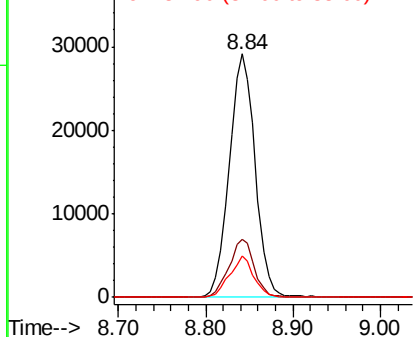
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012977.D
 Acq: 14 Sep 2019 02:08

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-4(1.5)-HELLGATE

Tgt Ion:114 Resp: 59864
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 43.4
 88 17.1 0.0 31.6

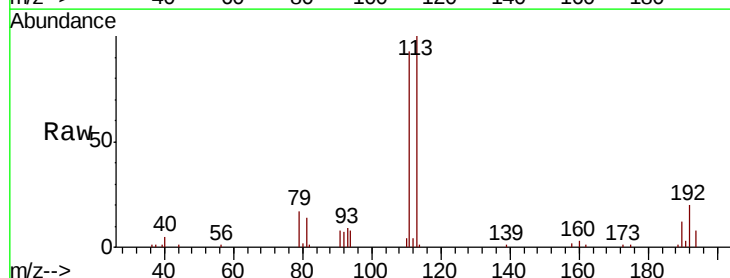


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

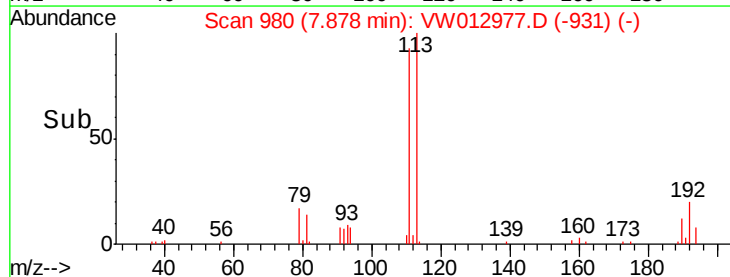
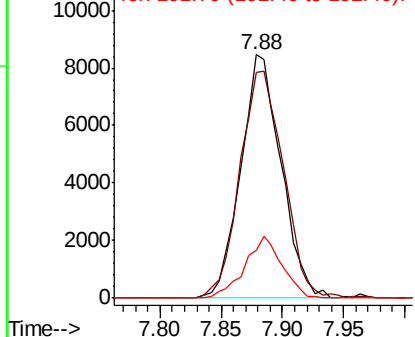


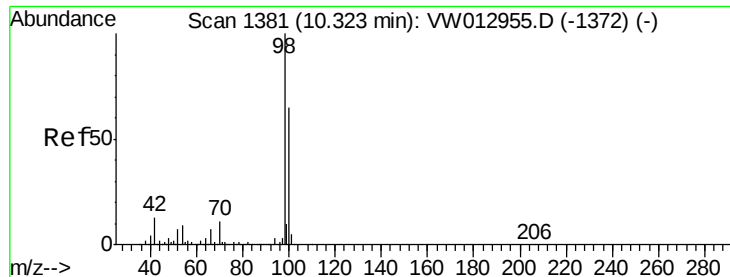
#35
 Dibromofluoromethane
 Concen: 59.570 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW012977.D
 Acq: 14 Sep 2019 02:08

Tgt Ion:113 Resp: 19350
 Ion Ratio Lower Upper
 113 100
 111 100.9 82.8 124.2
 192 23.4 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: 54.274 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012977.D

Acq: 14 Sep 2019 02:08

Instrument :

MSVOA_W

ClientSampleId :

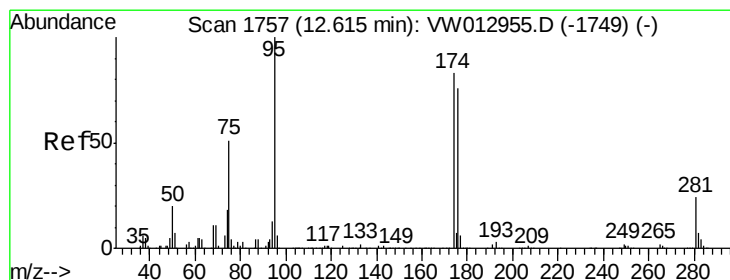
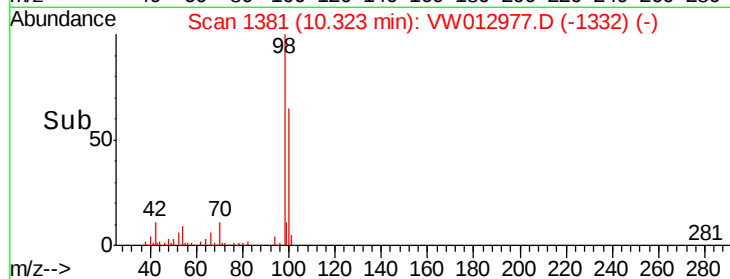
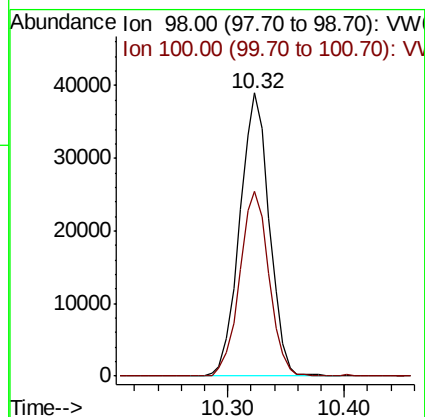
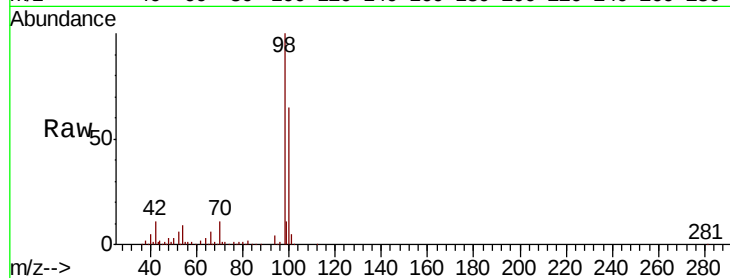
T4-4(1.5)-HELLGATE

Tgt Ion: 98 Resp: 68987

Ion Ratio Lower Upper

98 100

100 64.8 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 40.710 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012977.D

Acq: 14 Sep 2019 02:08

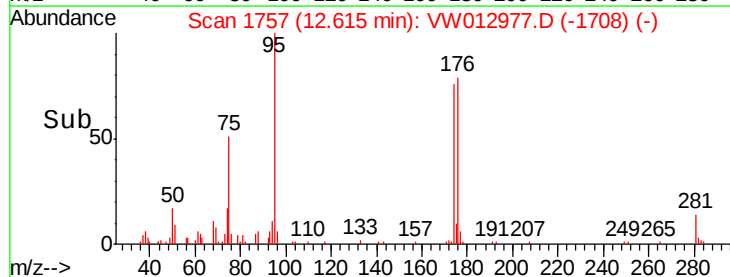
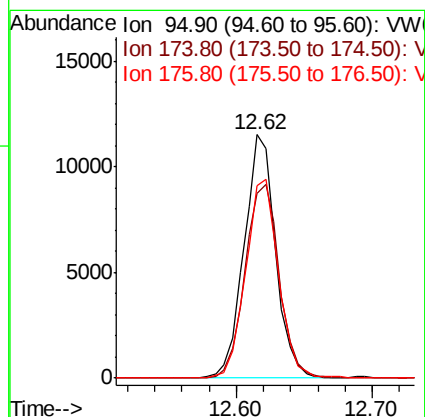
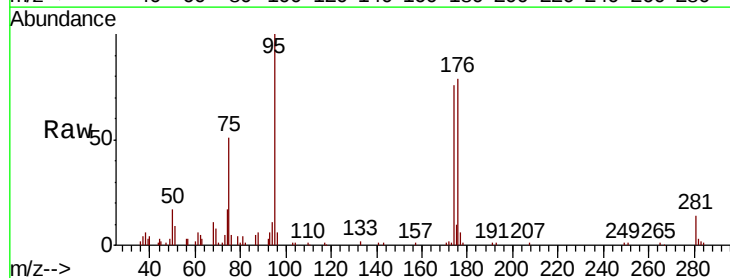
Tgt Ion: 95 Resp: 18607

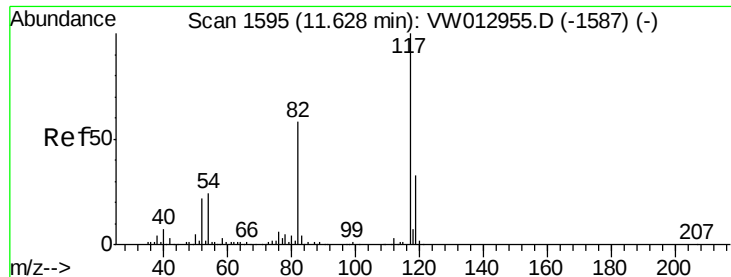
Ion Ratio Lower Upper

95 100

174 86.5 0.0 170.4

176 85.0 0.0 164.6

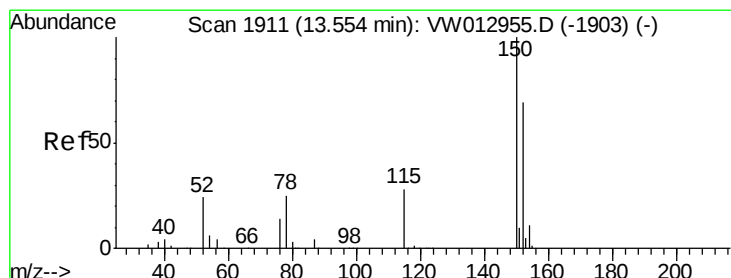
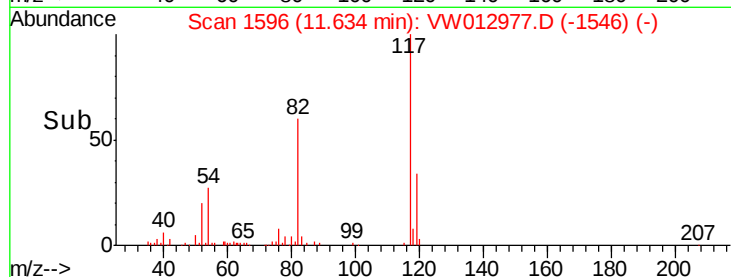
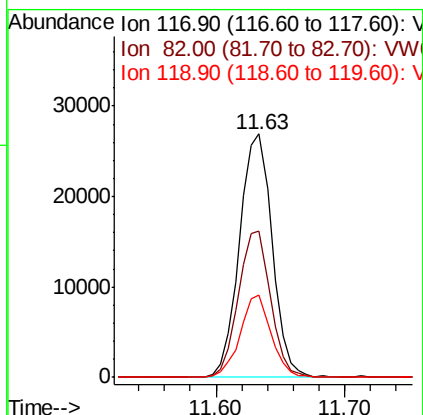
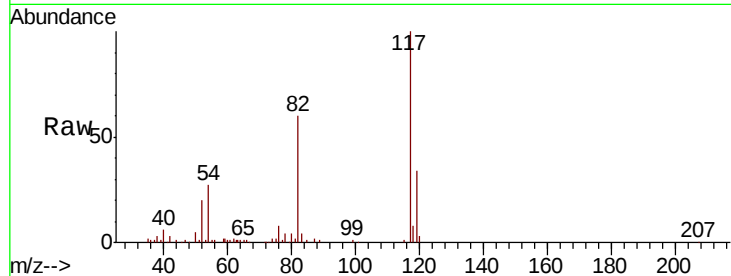




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW012977.D
Acq: 14 Sep 2019 02:08

Instrument :
MSVOA_W
ClientSampleId :
T4-4-(1.5)-HELLGATE

Tgt Ion:117 Resp: 47286
Ion Ratio Lower Upper
117 100
82 60.0 46.3 69.5
119 33.6 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW012977.D
Acq: 14 Sep 2019 02:08

Tgt Ion:152 Resp: 15117
Ion Ratio Lower Upper
152 100
115 52.3 28.8 86.4
150 140.0 0.0 340.2

