

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
 Data File : VW012988.D
 Acq On : 14 Sep 2019 12:55
 Operator : SY/VA
 Sample : K4719-07RE
 Misc : 5.47G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-3-(1.5)-BRUCKNERRE

Quant Time: Sep 16 09:15:36 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	264567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	400719	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	294651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	85998	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	150879	61.75	ug/l	0.00
Spiked Amount			Recovery	=	123.50%	
35) Dibromofluoromethane	7.88	113	118762	54.62	ug/l	0.00
Spiked Amount			Recovery	=	109.24%	
50) Toluene-d8	10.32	98	459922	54.05	ug/l	0.00
Spiked Amount			Recovery	=	108.10%	
62) 4-Bromofluorobenzene	12.62	95	115753	37.83	ug/l	0.00
Spiked Amount			Recovery	=	75.66%	

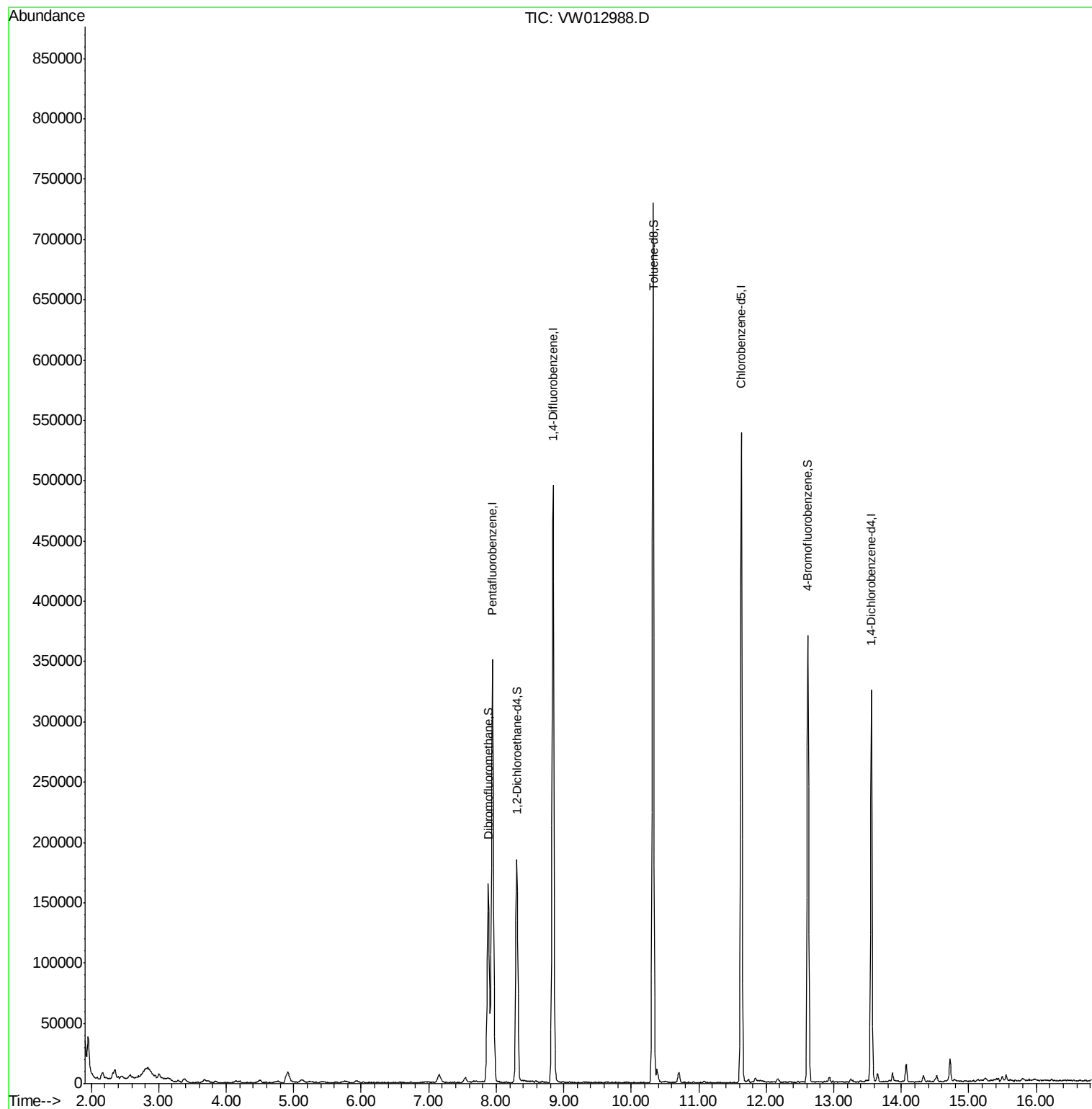
Target Compounds	Qvalue
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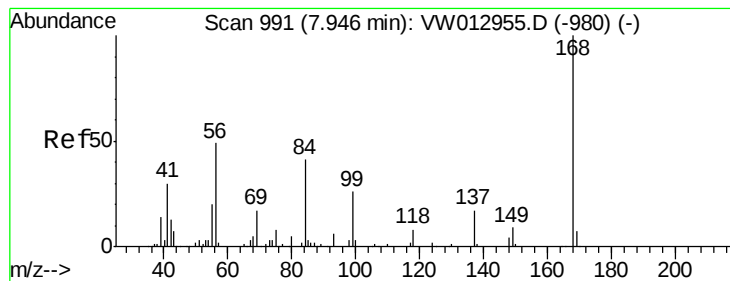
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW012988.D

Acq: 14 Sep 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

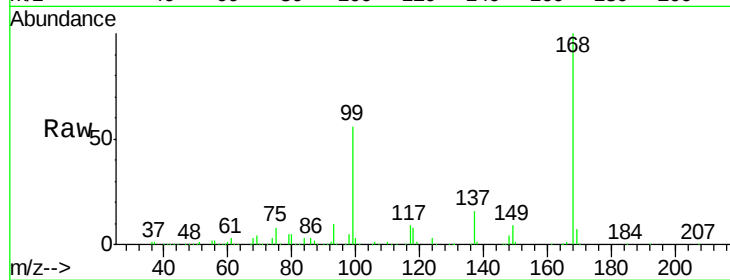
T4-3-(1.5)-BRUCKNERRE

Tot Ion:168 Resp: 264567

Ion Ratio Lower Upper

168 100

99 55.6 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

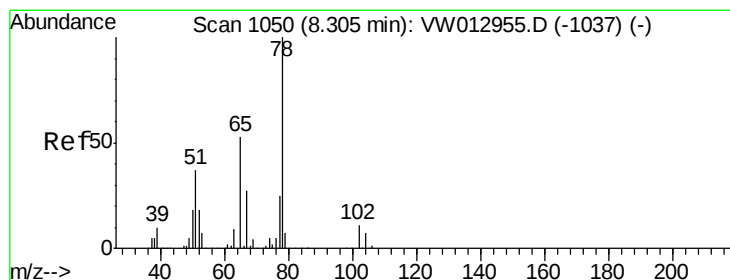
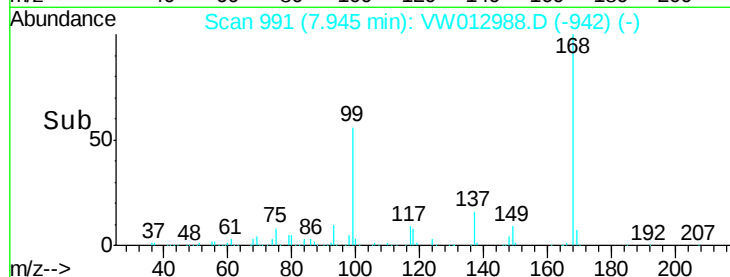
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 61.748 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012988.D

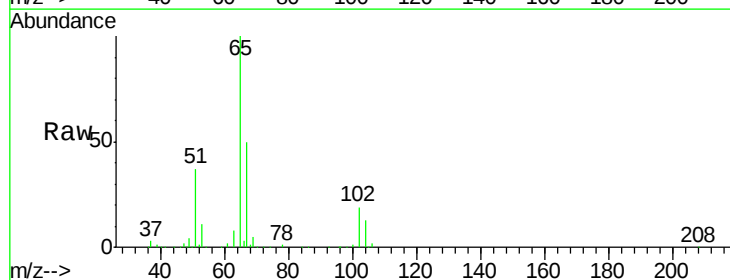
Acq: 14 Sep 2019 12:55

Tgt Ion: 65 Resp: 150879

Ion Ratio Lower Upper

65 100

67 50.4 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

80000

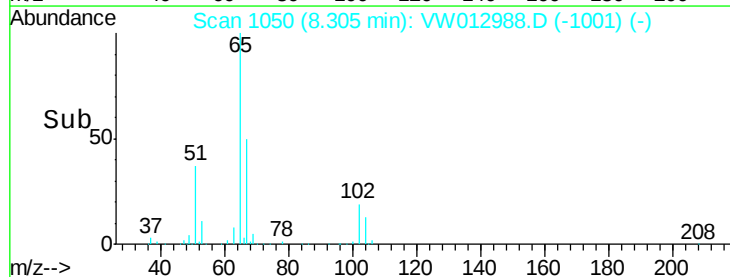
60000

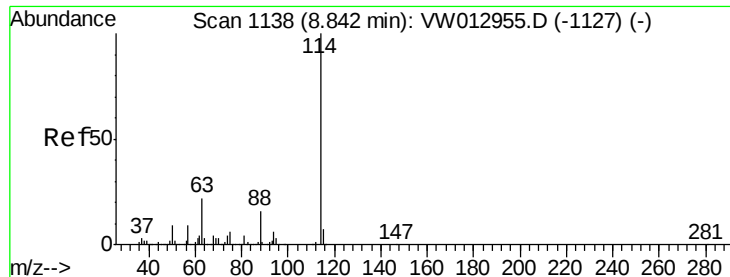
40000

20000

0

Time--> 8.20 8.30 8.40

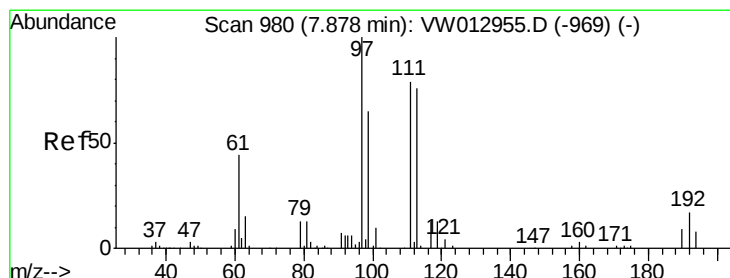
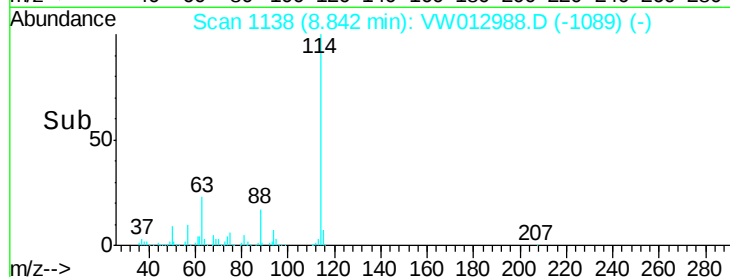
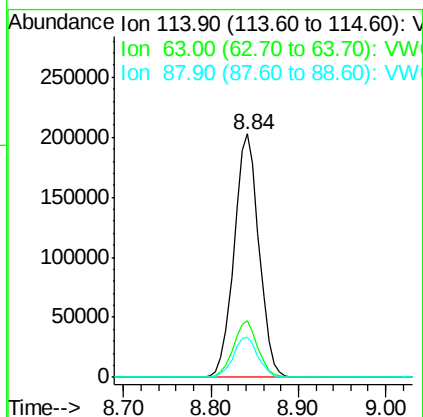
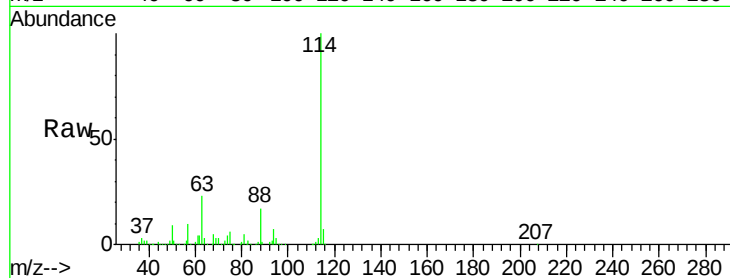




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW012988.D
Acq: 14 Sep 2019 12:55

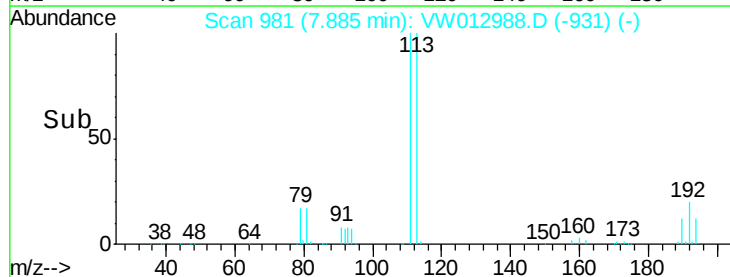
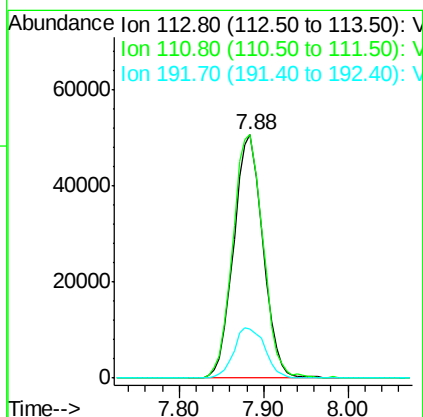
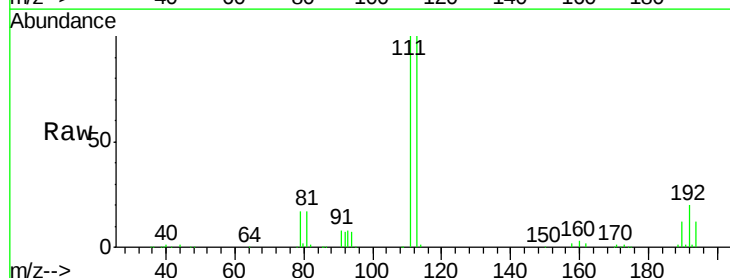
Instrument :
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ClientSampleId :
T4-3-(1.5)-BRUCKNERRE

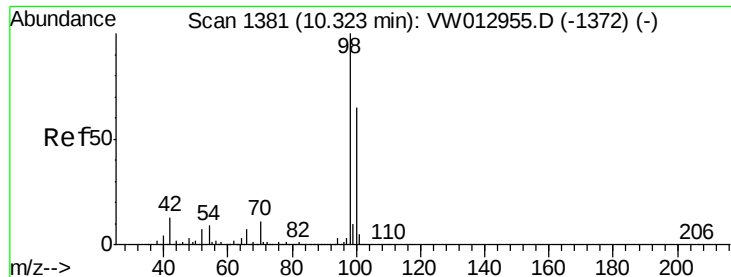
Tot Ion:114 Resp: 400719
Ion Ratio Lower Upper
114 100
63 23.3 0.0 43.4
88 16.7 0.0 31.6



#35
Dibromofluoromethane
Concen: 54.620 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW012988.D
Acq: 14 Sep 2019 12:55

Tgt Ion:113 Resp: 118762
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 22.1 17.8 26.8





#50

Toluene-d8

Concen: 54.055 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012988.D

Acq: 14 Sep 2019 12:55

Instrument :

MSVOA_W

ClientSampleId :

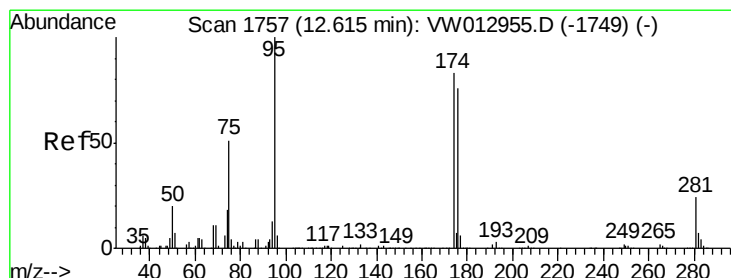
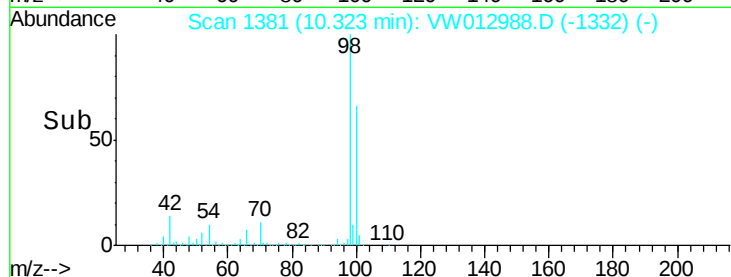
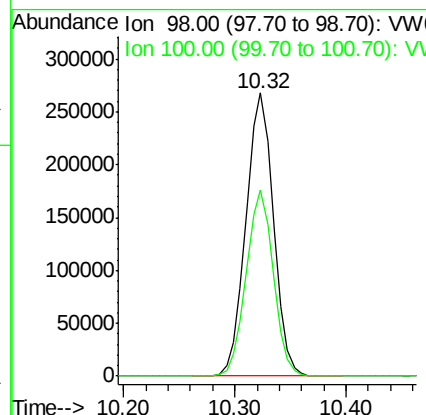
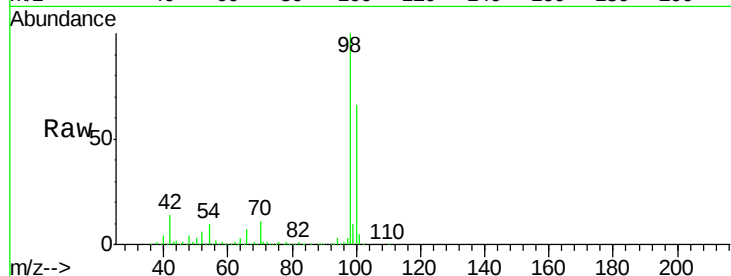
T4-3-(1.5)-BRUCKNERRE

Tot Ion: 98 Resp: 459922

Ion Ratio Lower Upper

98 100

100 64.7 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 37.834 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012988.D

Acq: 14 Sep 2019 12:55

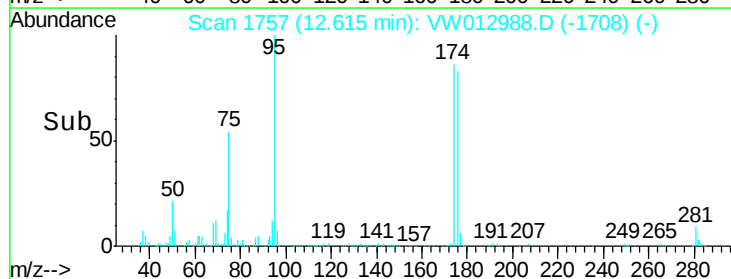
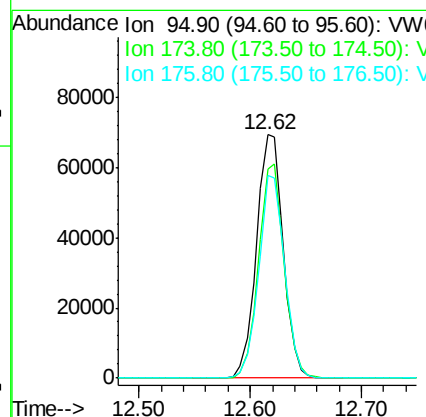
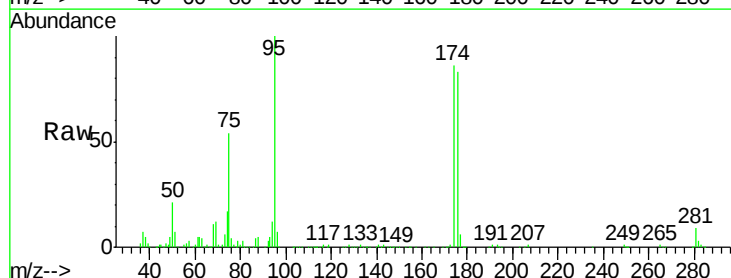
Tgt Ion: 95 Resp: 115753

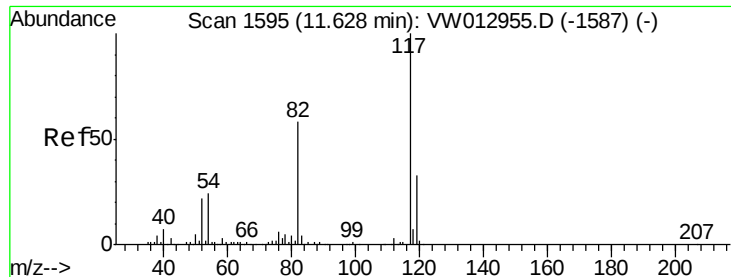
Ion Ratio Lower Upper

95 100

174 84.1 0.0 170.4

176 81.1 0.0 164.6

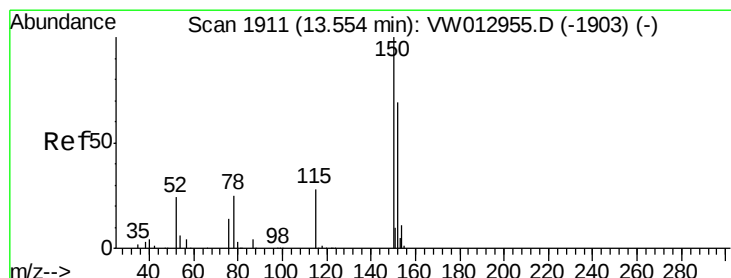
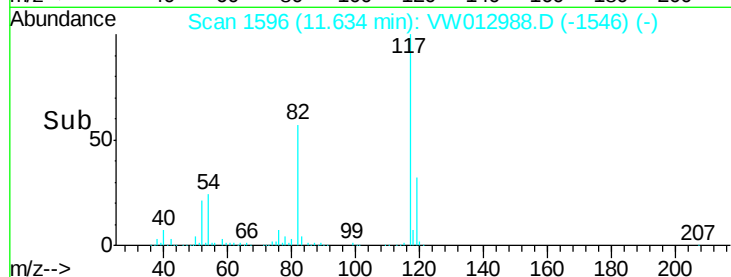
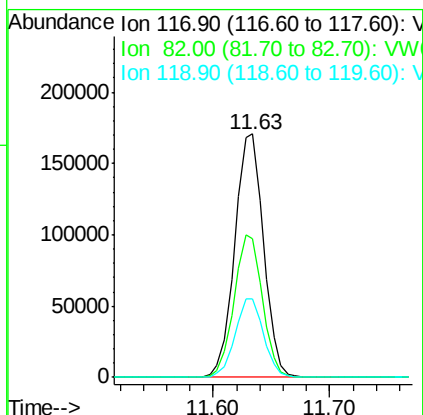
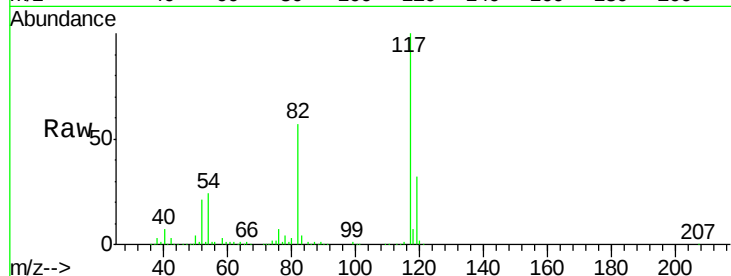




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW012988.D
Acq: 14 Sep 2019 12:55

Instrument :
MSVOA_W
ClientSampleId :
T4-3-(1.5)-BRUCKNERRE

Tot Ion:117 Resp: 294651
Ion Ratio Lower Upper
117 100
82 56.7 46.3 69.5
119 32.1 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: VW012988.D
Acq: 14 Sep 2019 12:55

Tgt Ion:152 Resp: 85998
Ion Ratio Lower Upper
152 100
115 57.7 28.8 86.4
150 153.9 0.0 340.2

