

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091519\
 Data File : VW012987.D
 Acq On : 14 Sep 2019 12:29
 Operator : SY/VA
 Sample : K4719-06RE
 Misc : 1.94G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Sep 16 08:26:26 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	243355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	374884	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	255864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	69903	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	137095	61.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.00%	
35) Dibromofluoromethane	7.88	113	113196	55.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.30%	
50) Toluene-d8	10.32	98	416623	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
62) 4-Bromofluorobenzene	12.62	95	96892	33.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.70%	

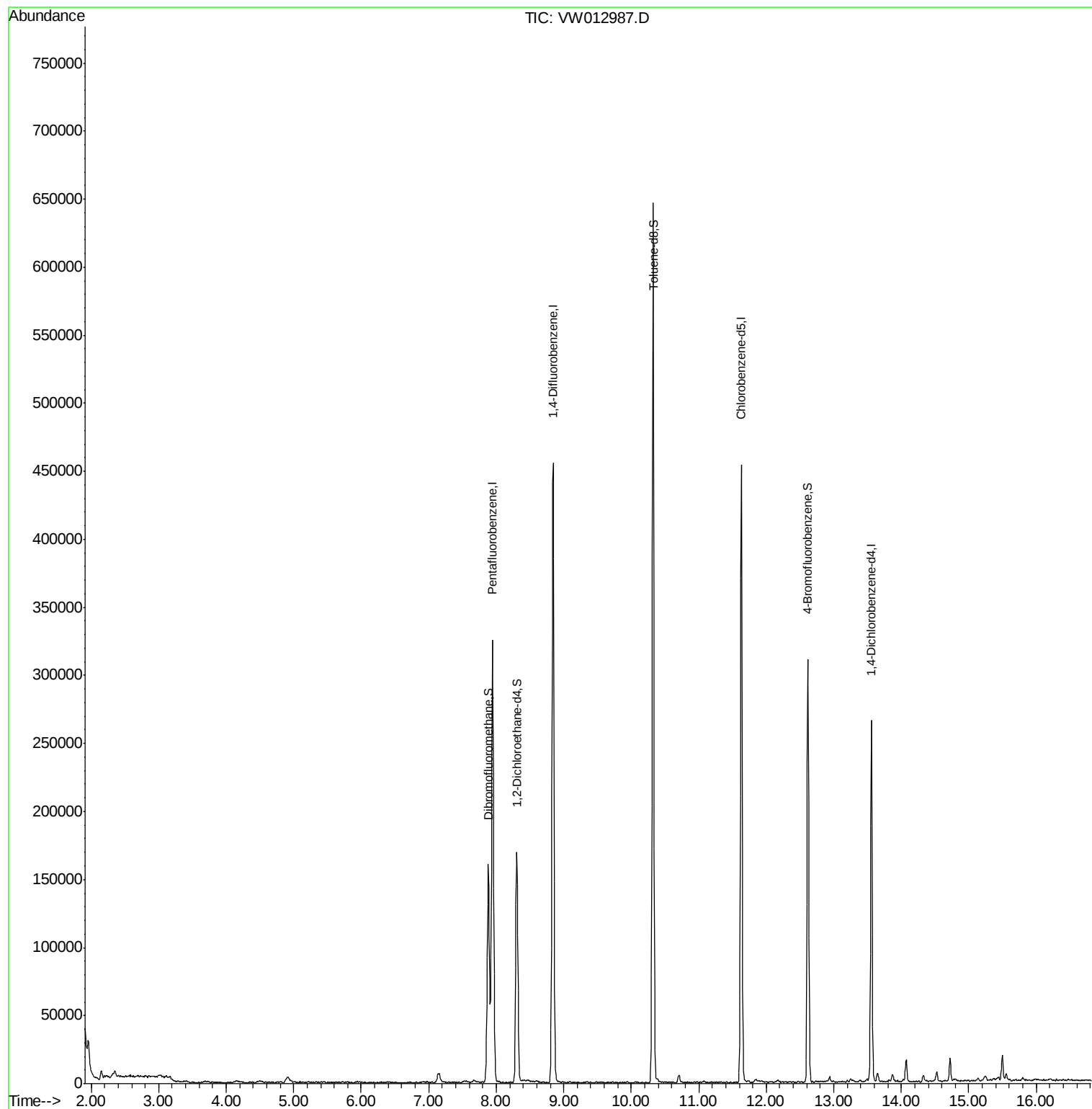
Target Compounds	Qvalue

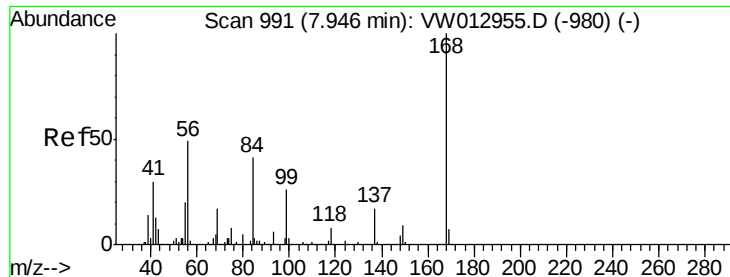
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012987.D

Acq: 14 Sep 2019 12:29

Instrument :

MSVOA_W

ClientSampleId :

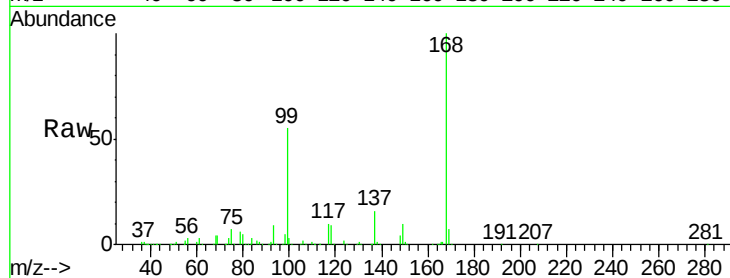
T4-3-(0)-BRUCKNERRE

Tot Ion:168 Resp: 243355

Ion Ratio Lower Upper

168 100

99 55.1 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

120000

100000

80000

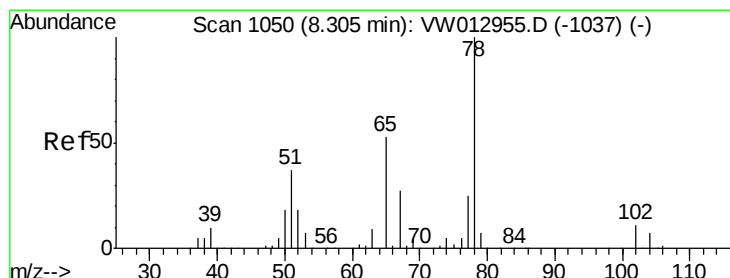
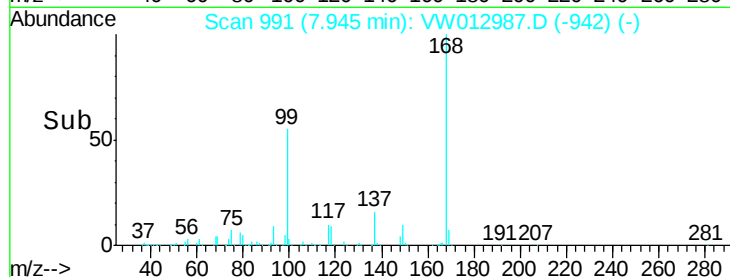
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 60.997 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012987.D

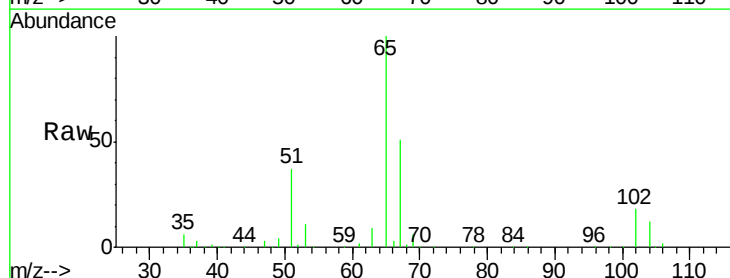
Acq: 14 Sep 2019 12:29

Tgt Ion: 65 Resp: 137095

Ion Ratio Lower Upper

65 100

67 51.1 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

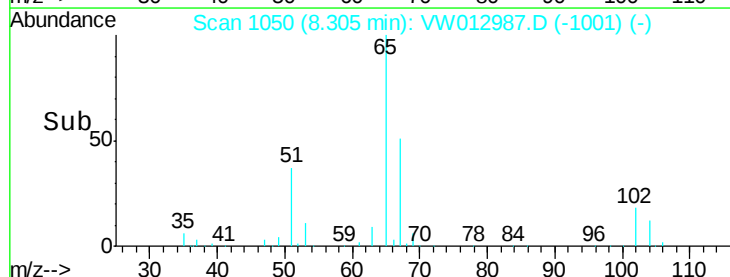
60000

40000

20000

0

Time--> 8.20 8.30 8.40

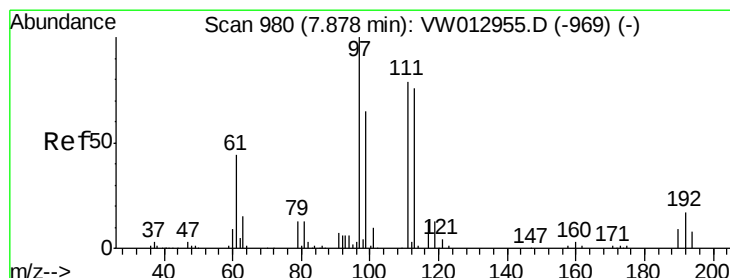
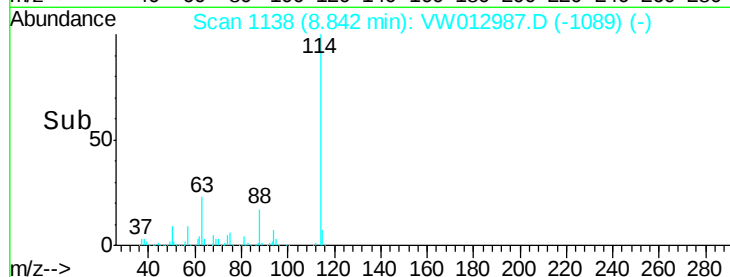
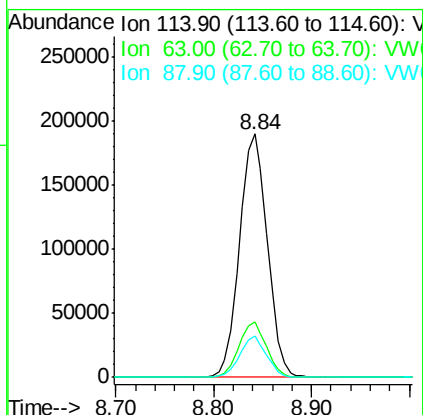
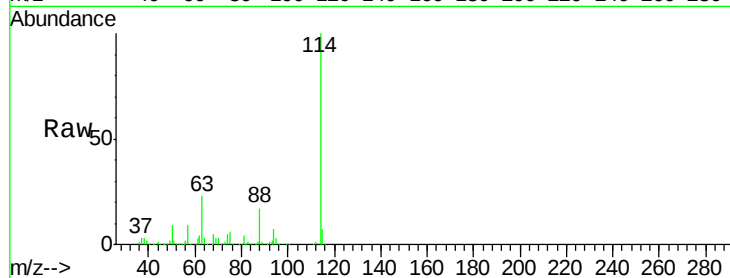




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012987.D
 Acq: 14 Sep 2019 12:29

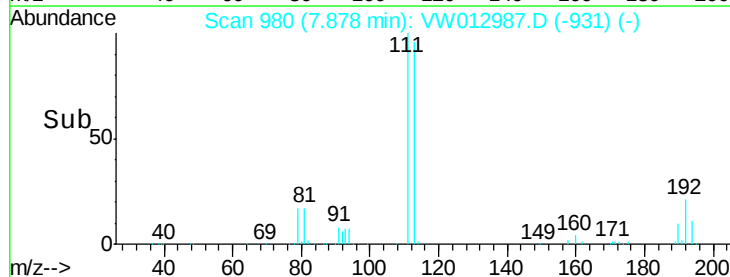
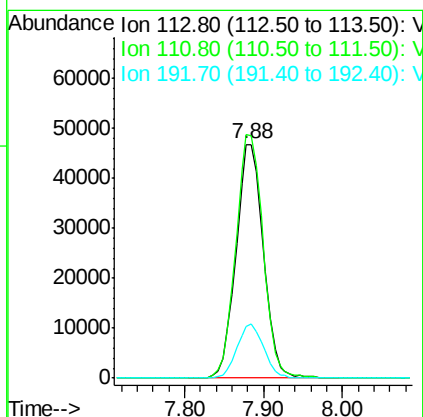
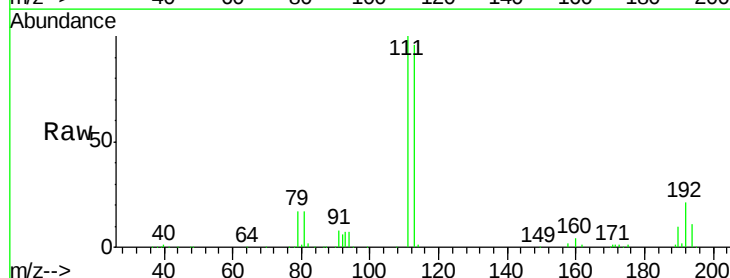
Instrument :
 MSVOA_W
 ClientSampleId :
 T4-3-(0)-BRUCKNERRE

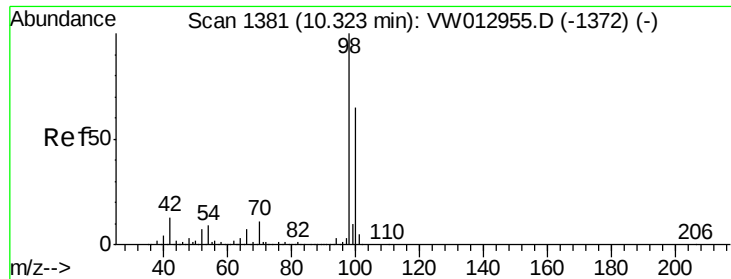
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	43.4
88	17.3	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 55.647 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW012987.D
 Acq: 14 Sep 2019 12:29

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.8	124.2
192	22.5	17.8	26.8

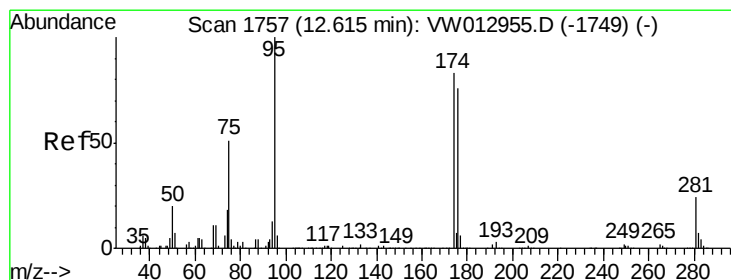
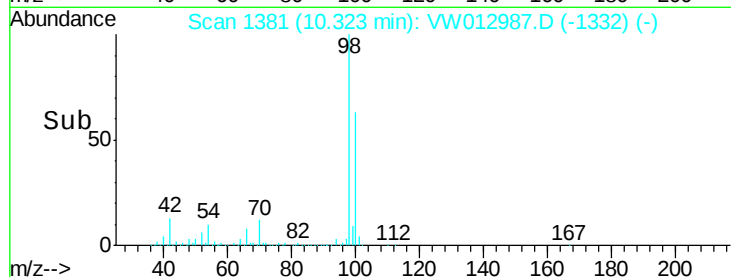
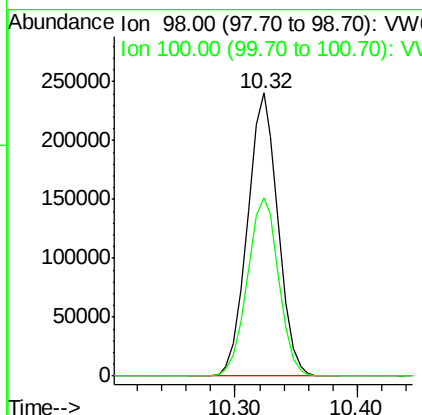
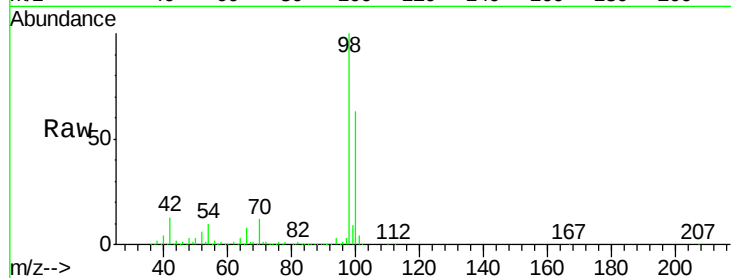




#50
Toluene-d8
Concen: 52.340 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012987.D
Acq: 14 Sep 2019 12:29

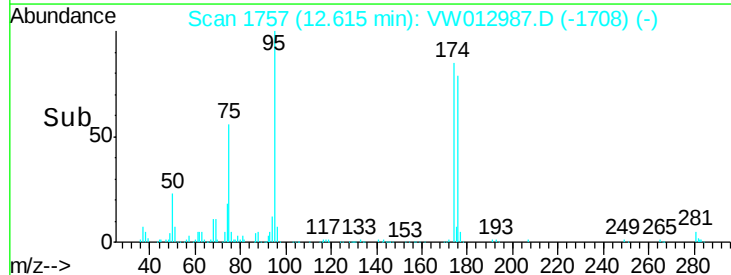
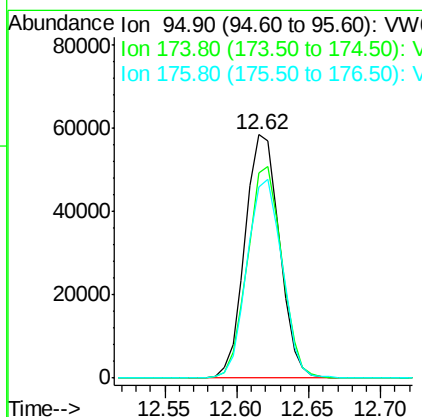
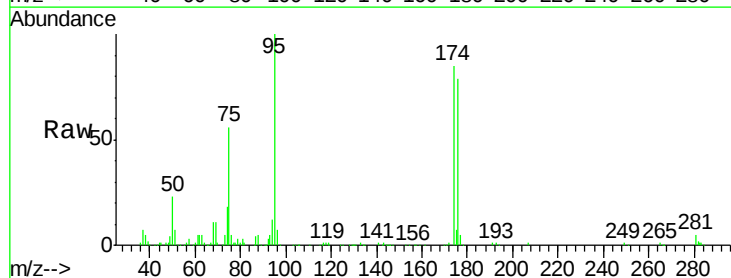
Instrument :
MSVOA_W
ClientSampleId :
T4-3-(0)-BRUCKNERRE

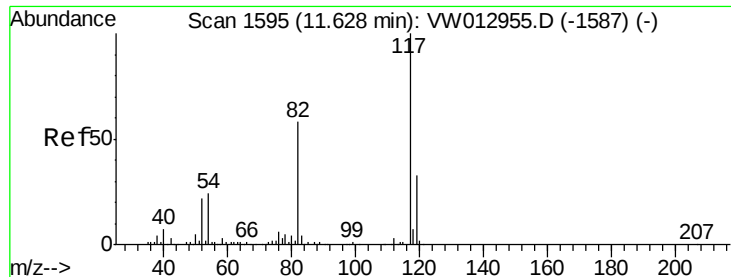
Tot Ion: 98 Resp: 416623
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 33.852 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012987.D
Acq: 14 Sep 2019 12:29

Tgt Ion: 95 Resp: 96892
Ion Ratio Lower Upper
95 100
174 86.9 0.0 170.4
176 82.9 0.0 164.6

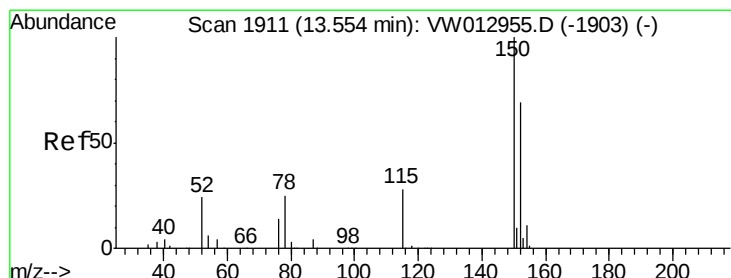
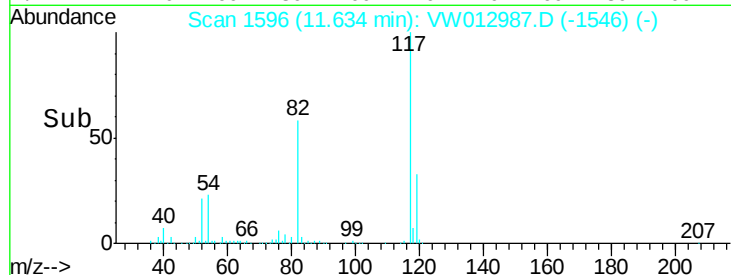
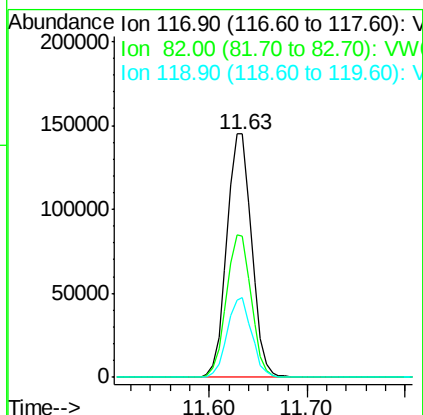
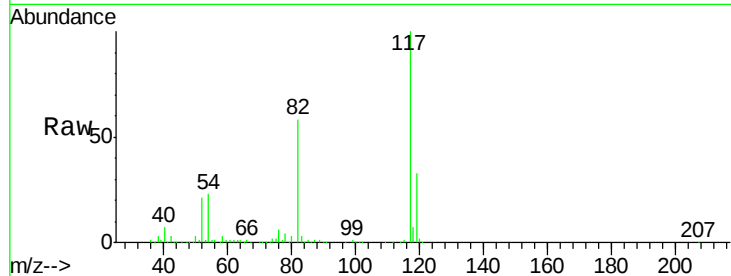




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW012987.D
Acq: 14 Sep 2019 12:29

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.8	46.3	69.5
119	32.6	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: VW012987.D
Acq: 14 Sep 2019 12:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	28.8	86.4
150	159.9	0.0	340.2

