

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091419\
 Data File : VW012971.D
 Acq On : 13 Sep 2019 23:33
 Operator : SY/VA
 Sample : K4719-09
 Misc : 5.93G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Sep 14 05:12:29 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	256081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	384818	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	290033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	89428	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	138917	58.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.48%	
35) Dibromofluoromethane	7.88	113	117748	56.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.78%	
50) Toluene-d8	10.32	98	437775	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
62) 4-Bromofluorobenzene	12.62	95	112812	38.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.80%	

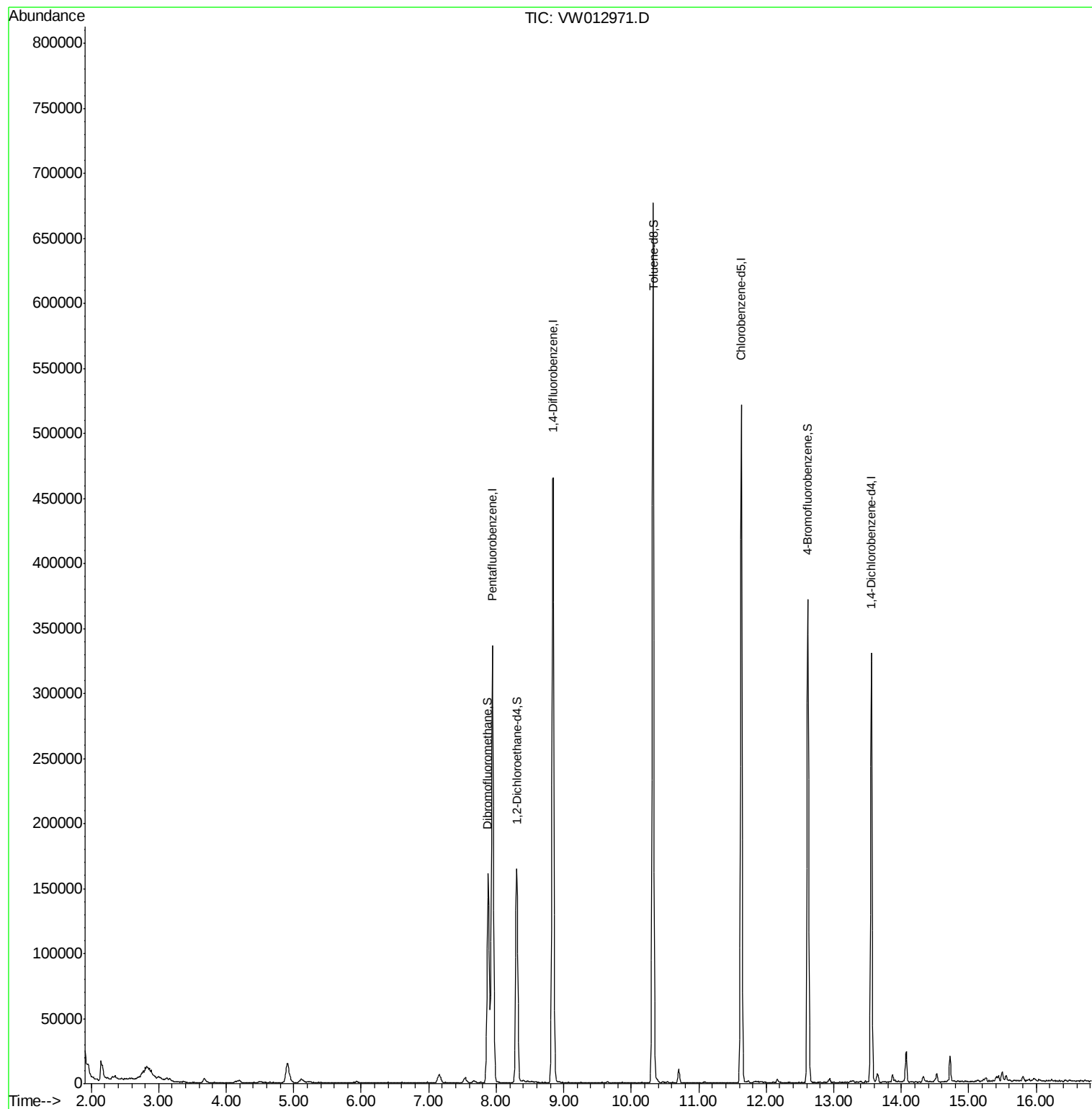
Target Compounds	Qvalue

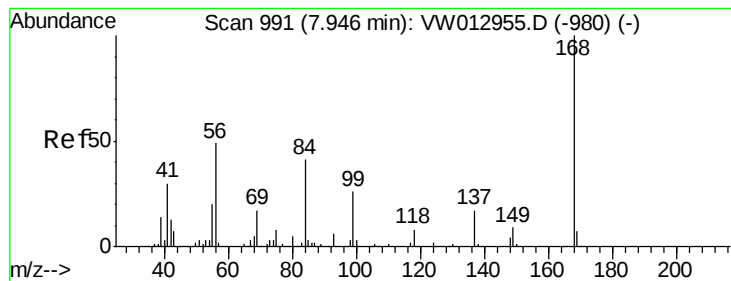
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

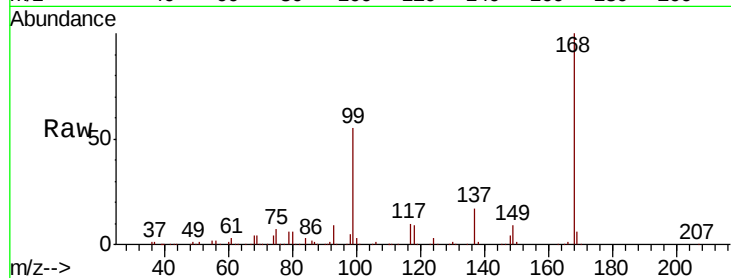
T4-4-(1.5)-BRUCKNER

Tgt Ion: 168 Resp: 256081

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

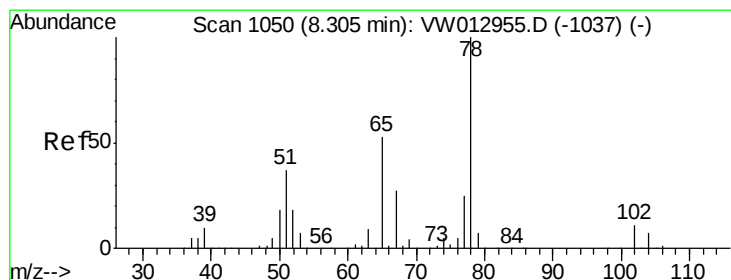
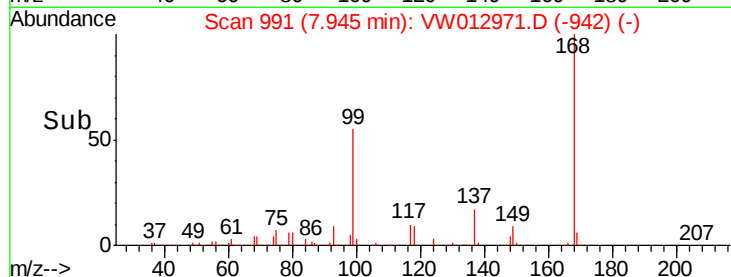
7.95

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.736 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012971.D

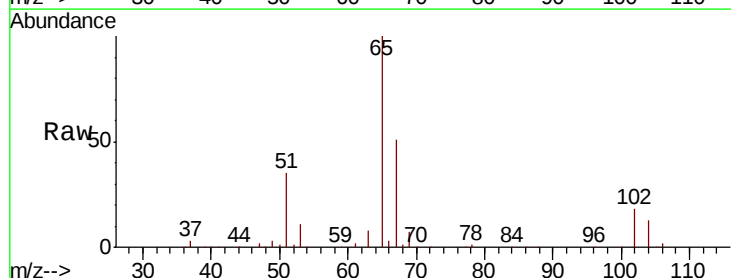
Acq: 13 Sep 2019 23:33

Tgt Ion: 65 Resp: 138917

Ion Ratio Lower Upper

65 100

67 50.1 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

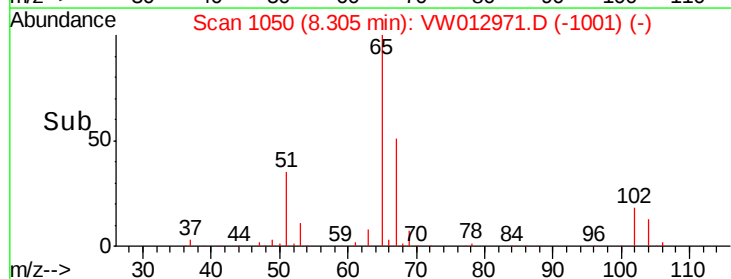
60000

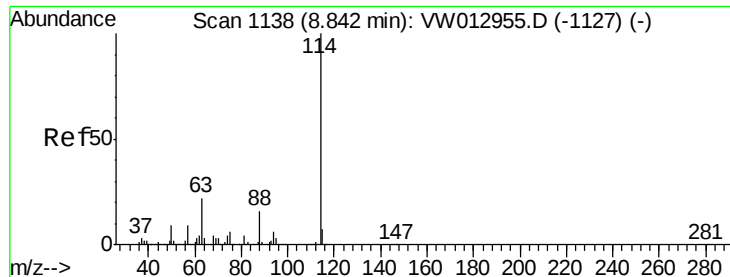
40000

20000

0

Time-->

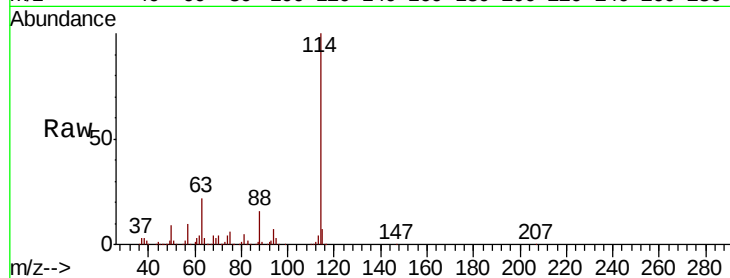




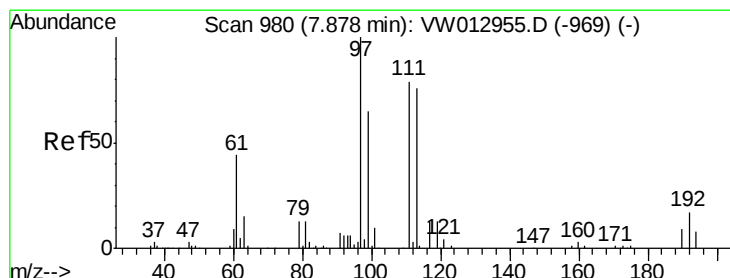
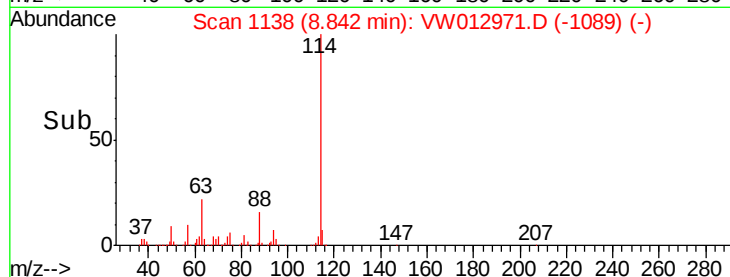
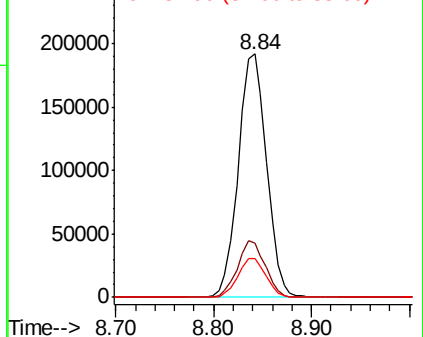
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012971.D
 Acq: 13 Sep 2019 23:33

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

Tgt Ion:114 Resp: 384818
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.4
 88 15.9 0.0 31.6

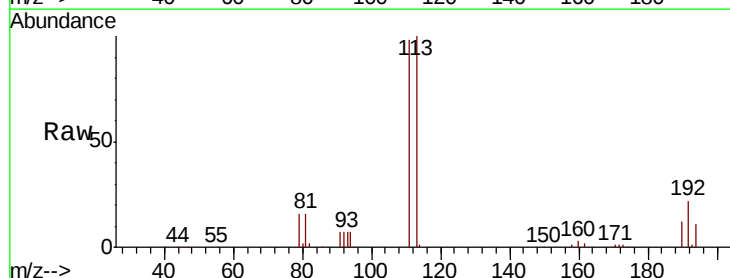


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

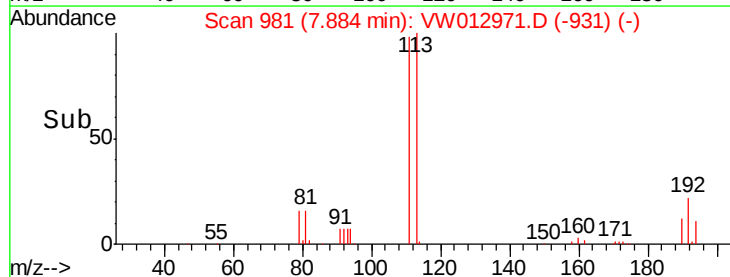
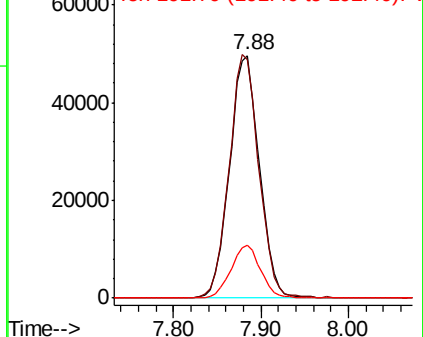


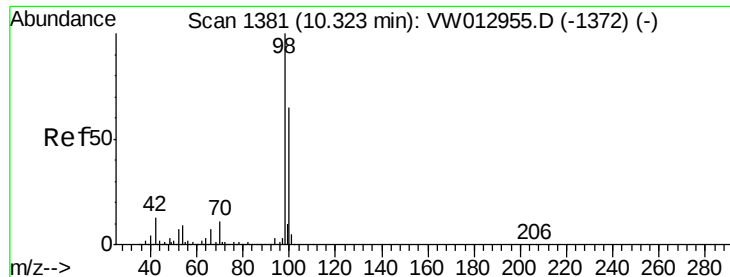
#35
 Dibromofluoromethane
 Concen: 56.391 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW012971.D
 Acq: 13 Sep 2019 23:33

Tgt Ion:113 Resp: 117748
 Ion Ratio Lower Upper
 113 100
 111 100.0 82.8 124.2
 192 21.5 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: 53.578 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012971.D

Acq: 13 Sep 2019 23:33

Instrument :

MSVOA_W

ClientSampleId :

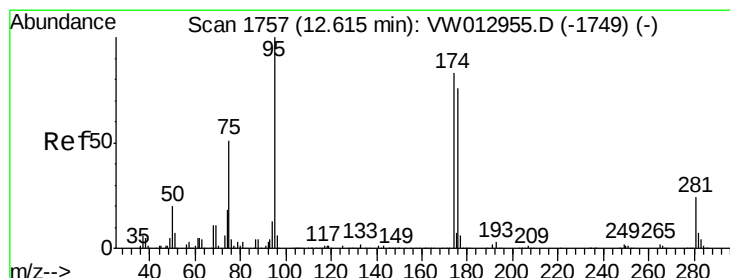
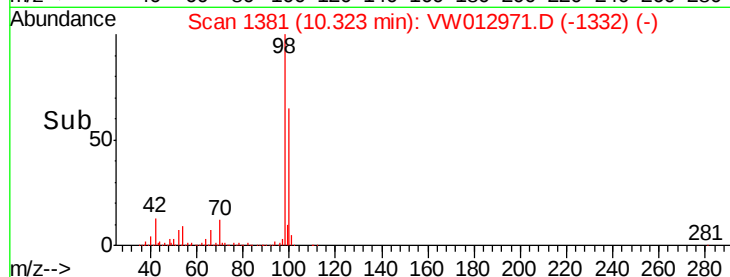
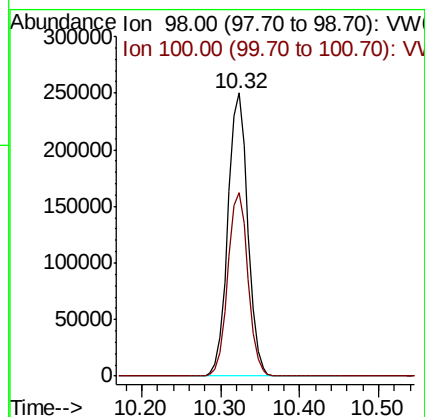
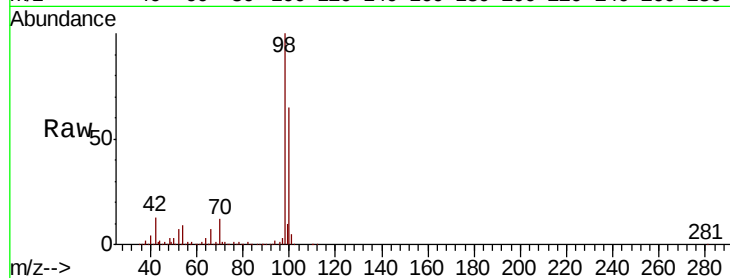
T4-4(1.5)-BRUCKNER

Tgt Ion: 98 Resp: 437775

Ion Ratio Lower Upper

98 100

100 65.6 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 38.397 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012971.D

Acq: 13 Sep 2019 23:33

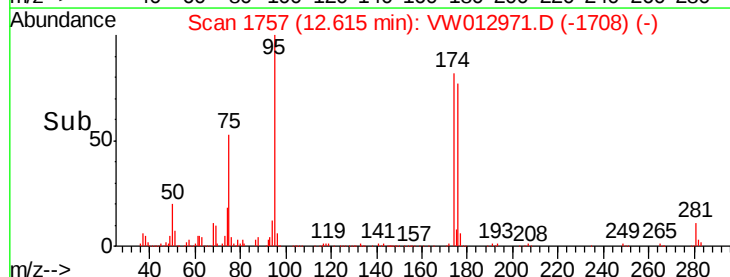
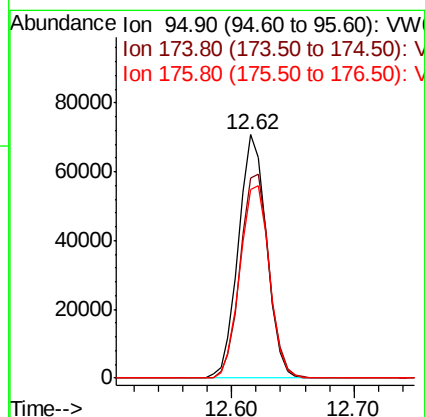
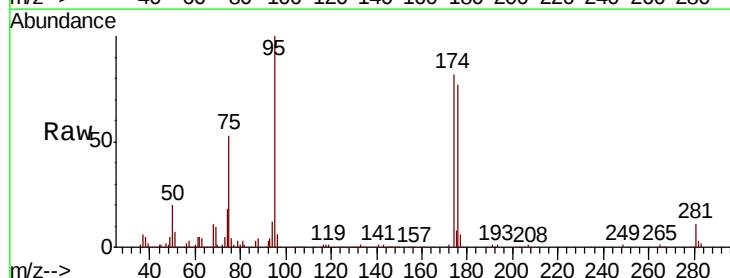
Tgt Ion: 95 Resp: 112812

Ion Ratio Lower Upper

95 100

174 86.1 0.0 170.4

176 83.0 0.0 164.6

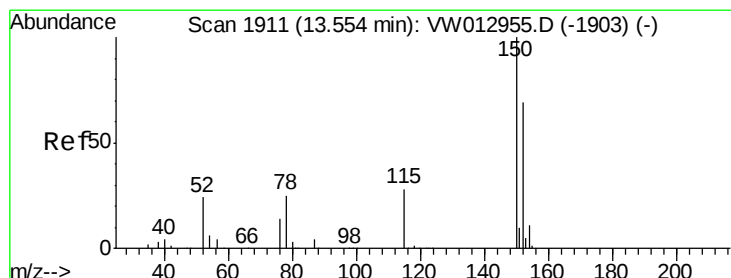
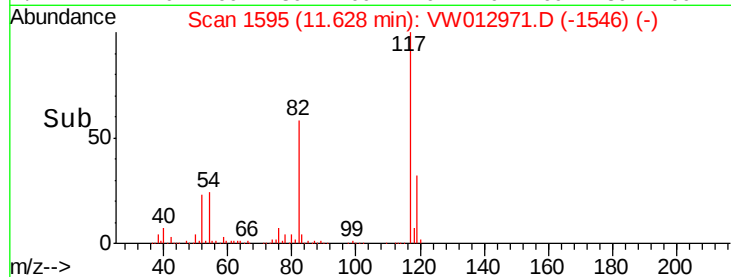
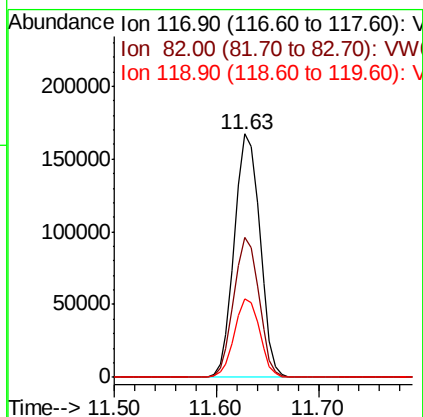
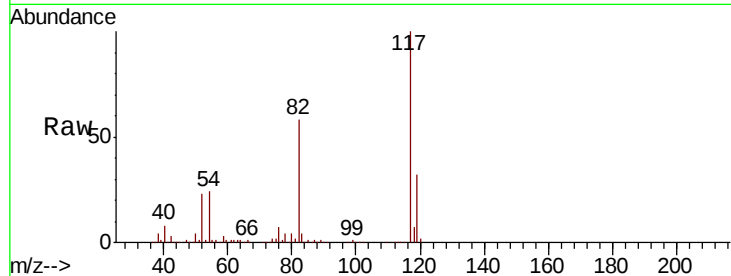




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW012971.D
Acq: 13 Sep 2019 23:33

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

Tgt Ion:117 Resp: 290033
Ion Ratio Lower Upper
117 100
82 57.5 46.3 69.5
119 32.0 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: VW012971.D
Acq: 13 Sep 2019 23:33

Tgt Ion:152 Resp: 89428
Ion Ratio Lower Upper
152 100
115 55.9 28.8 86.4
150 156.0 0.0 340.2

