

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091419\
 Data File : VW012966.D
 Acq On : 13 Sep 2019 21:24
 Operator : SY/VA
 Sample : K4719-04
 Misc : 5.48G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-2(0)-BRUCKNER

Quant Time: Sep 14 04:54:43 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	264055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	397214	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	306794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	97940	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	141593	58.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.12%	
35) Dibromofluoromethane	7.88	113	117616	54.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.14%	
50) Toluene-d8	10.32	98	454071	53.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.68%	
62) 4-Bromofluorobenzene	12.61	95	124842	41.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.34%	

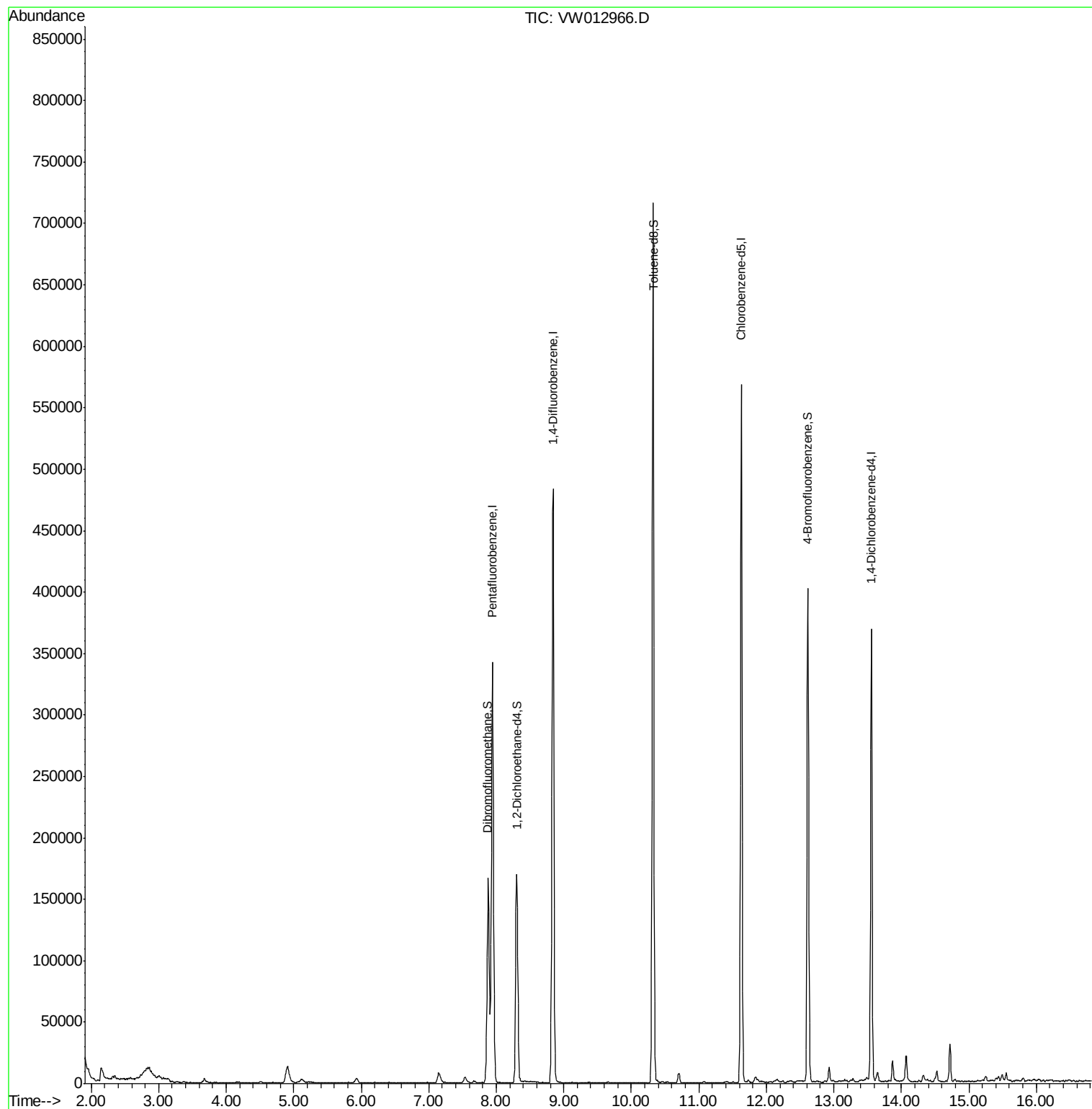
Target Compounds	Qvalue
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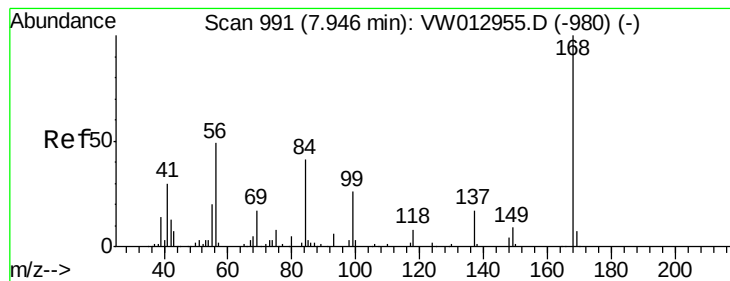
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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Acq: 13 Sep 2019 21:24

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MSVOA_W

ClientSampleId :

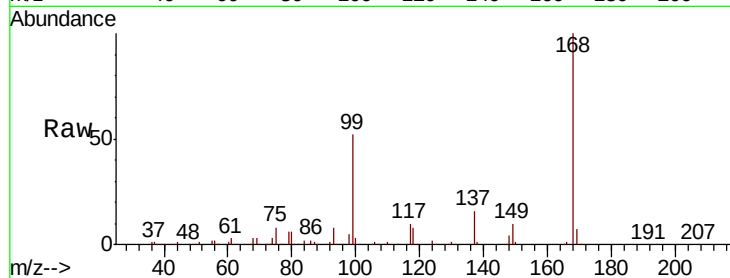
T4-2-(0)-BRUCKNER

Tgt Ion:168 Resp: 264055

Ion Ratio Lower Upper

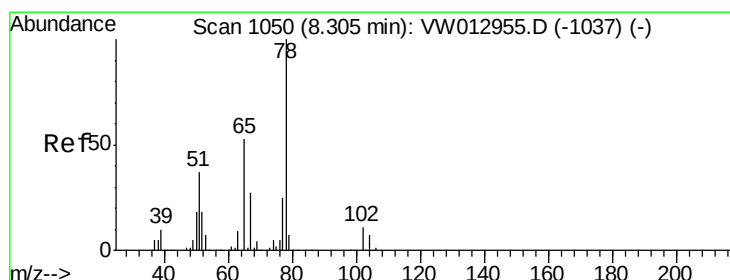
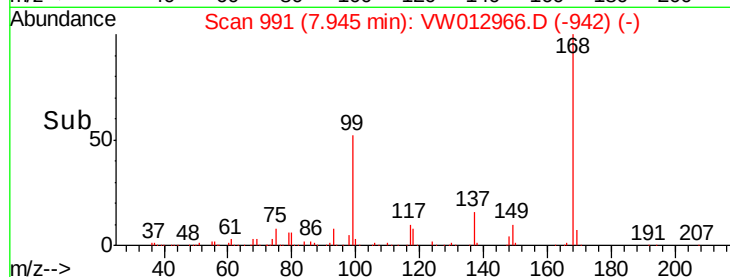
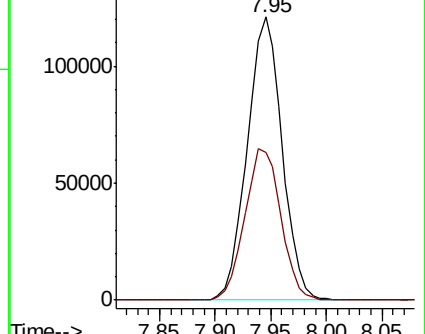
168 100

99 52.0 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: 58.060 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012966.D

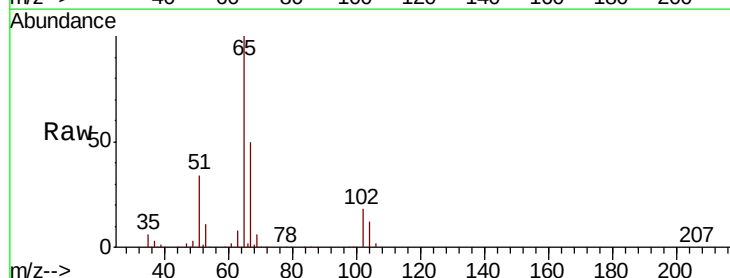
Acq: 13 Sep 2019 21:24

Tgt Ion: 65 Resp: 141593

Ion Ratio Lower Upper

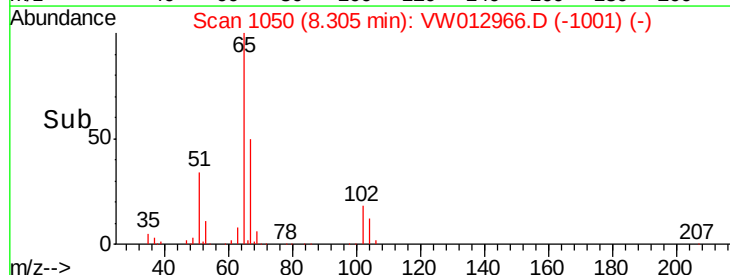
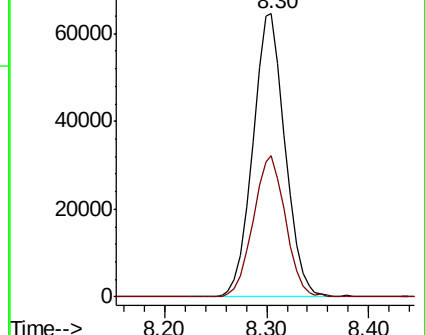
65 100

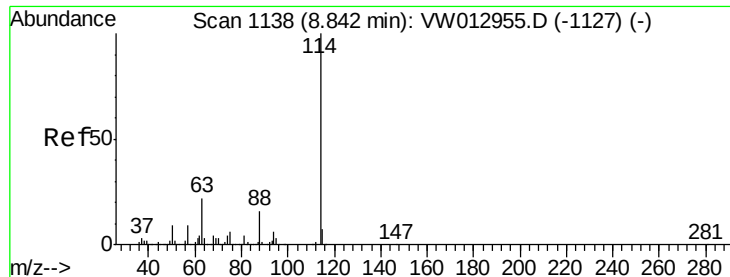
67 50.0 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

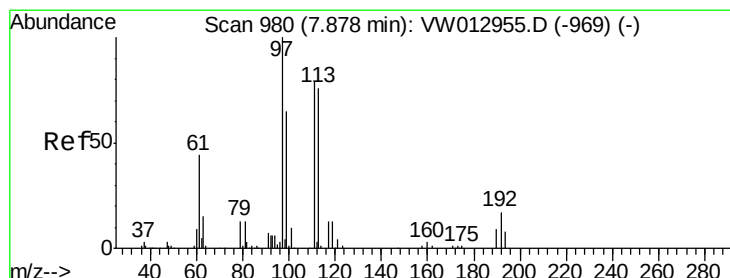
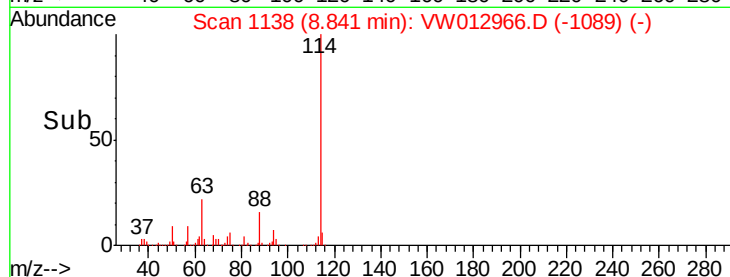
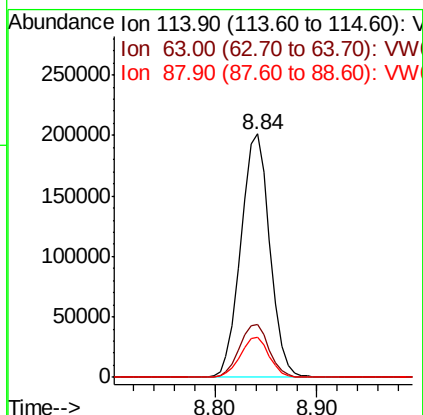
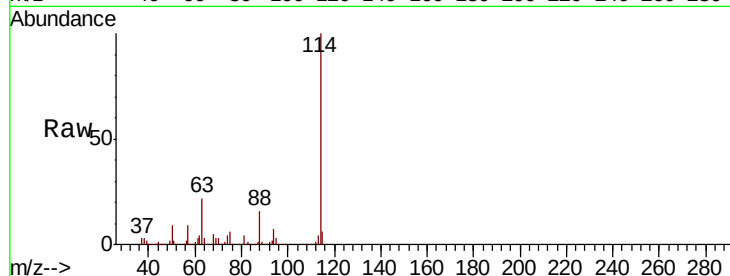




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012966.D
 Acq: 13 Sep 2019 21:24

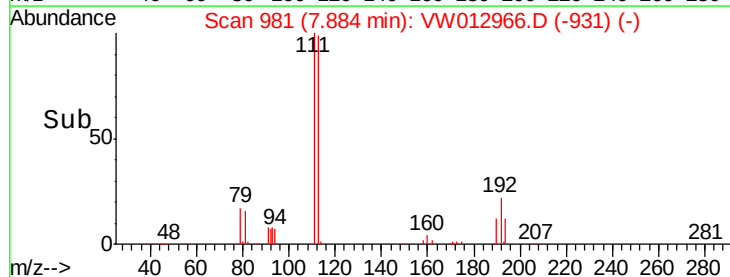
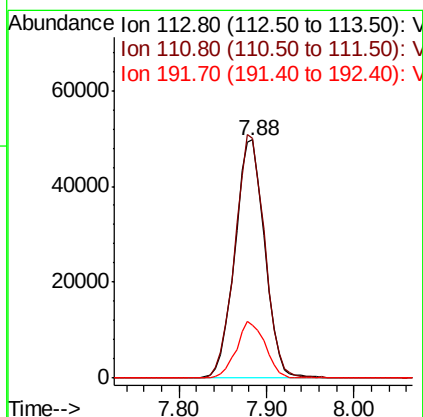
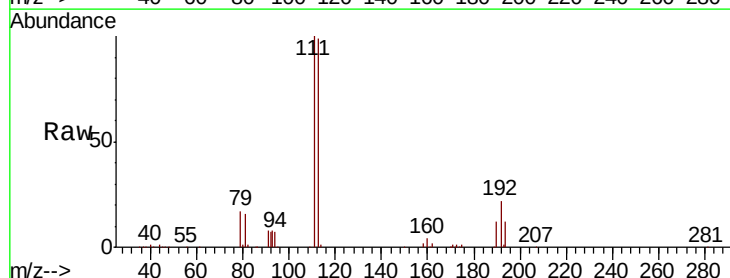
Instrument :
 MSVOA_W
 ClientSampleId :
 T4-2-(0)-BRUCKNER

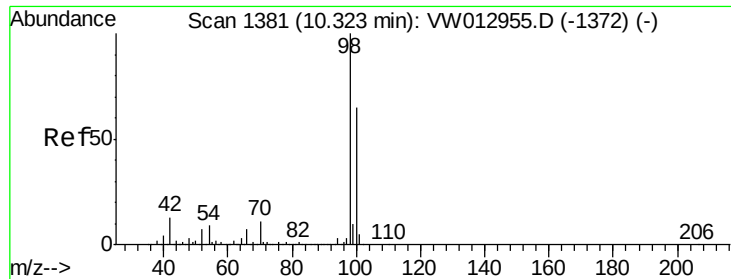
Tgt Ion:114 Resp: 397214
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.4
 88 16.4 0.0 31.6



#35
 Dibromofluoromethane
 Concen: 54.570 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW012966.D
 Acq: 13 Sep 2019 21:24

Tgt Ion:113 Resp: 117616
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.8 124.2
 192 23.0 17.8 26.8





#50

Toluene-d8

Concen: 53.838 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012966.D

Acq: 13 Sep 2019 21:24

Instrument :

MSVOA_W

ClientSampleId :

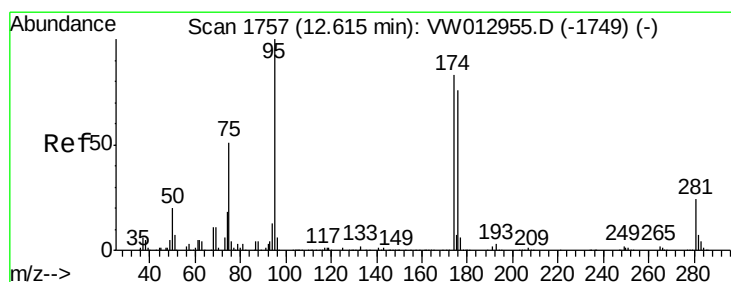
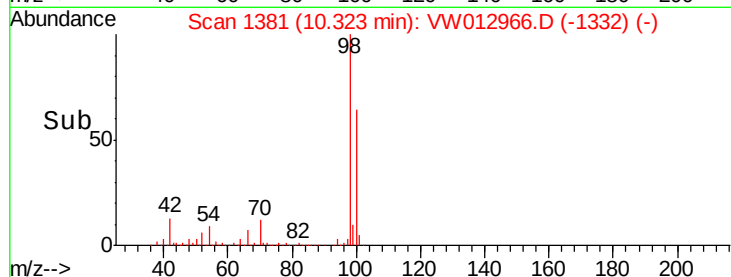
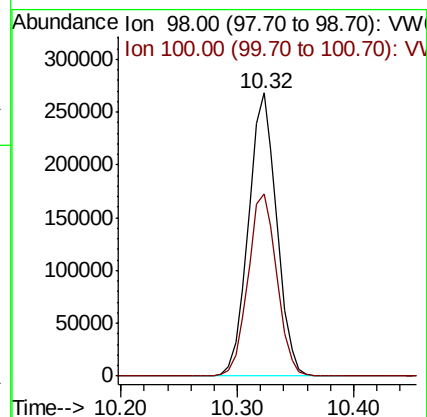
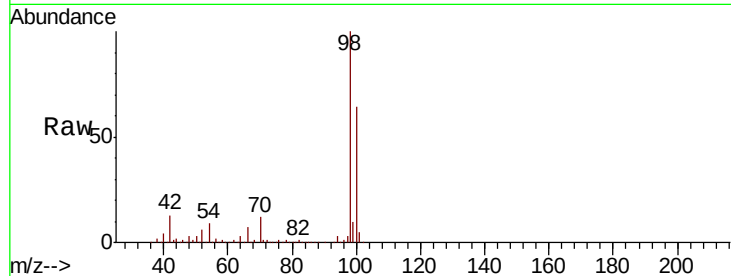
T4-2-(0)-BRUCKNER

Tgt Ion: 98 Resp: 454071

Ion Ratio Lower Upper

98 100

100 65.7 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 41.165 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012966.D

Acq: 13 Sep 2019 21:24

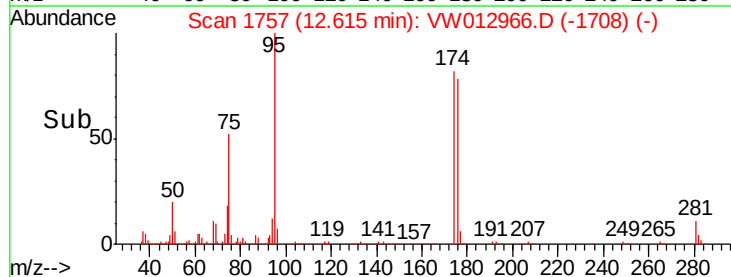
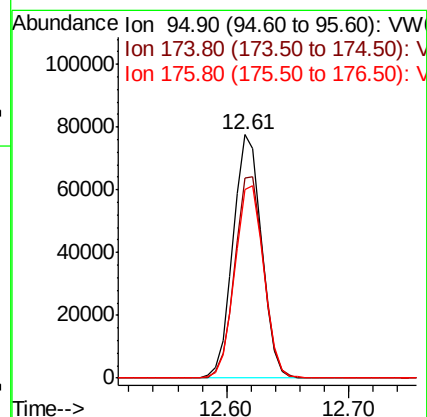
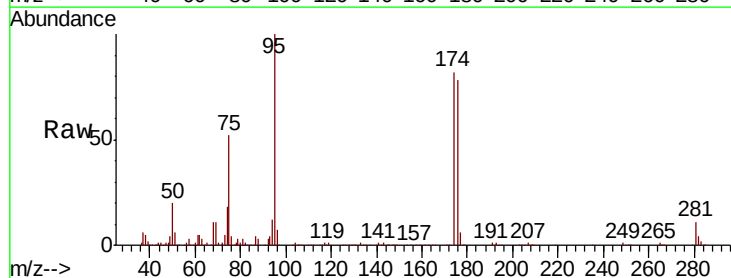
Tgt Ion: 95 Resp: 124842

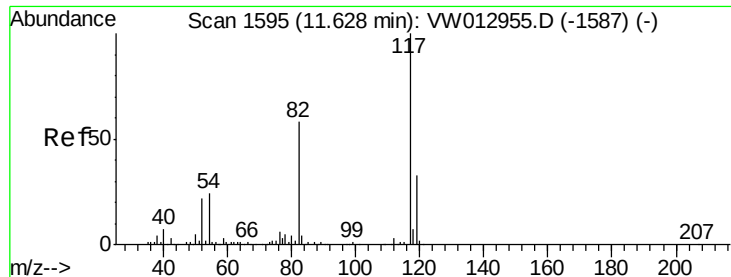
Ion Ratio Lower Upper

95 100

174 83.7 0.0 170.4

176 80.4 0.0 164.6

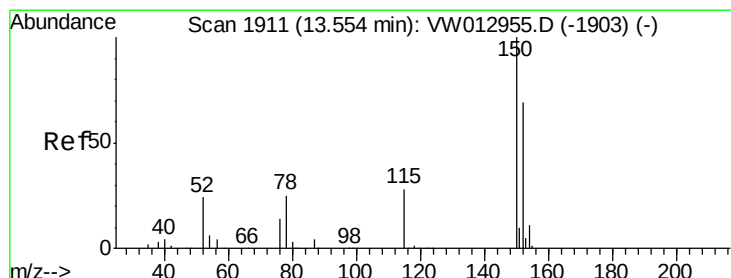
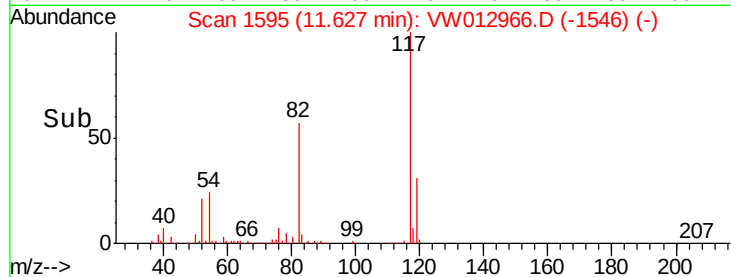
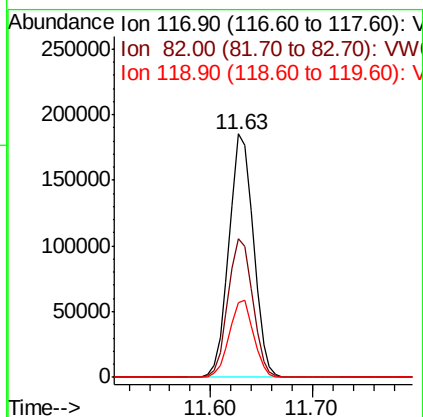
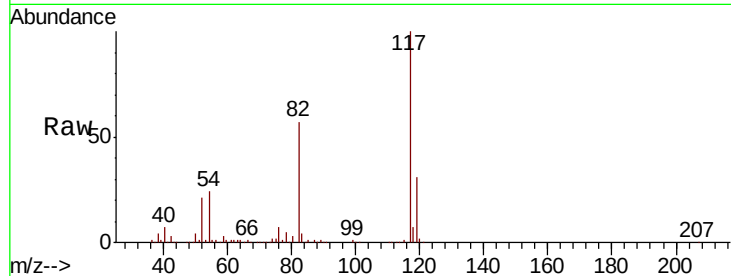




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW012966.D
Acq: 13 Sep 2019 21:24

Instrument :
MSVOA_W
ClientSampleId :
T4-2-(0)-BRUCKNER

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.0	46.3	69.5
119	30.9	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: VW012966.D
Acq: 13 Sep 2019 21:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	28.8	86.4
150	159.9	0.0	340.2

