

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091419\
 Data File : VW012970.D
 Acq On : 13 Sep 2019 23:08
 Operator : SY/VA
 Sample : K4719-08
 Misc : 2.42G/5ML/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-4(0)-BRUCKNER

Quant Time: Sep 14 05:10:52 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	216352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	327953	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	244318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	93082	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	129990	65.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.10%	
35) Dibromofluoromethane	7.88	113	102837	57.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.58%	
50) Toluene-d8	10.32	98	356882	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.62	95	102725	41.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.06%	

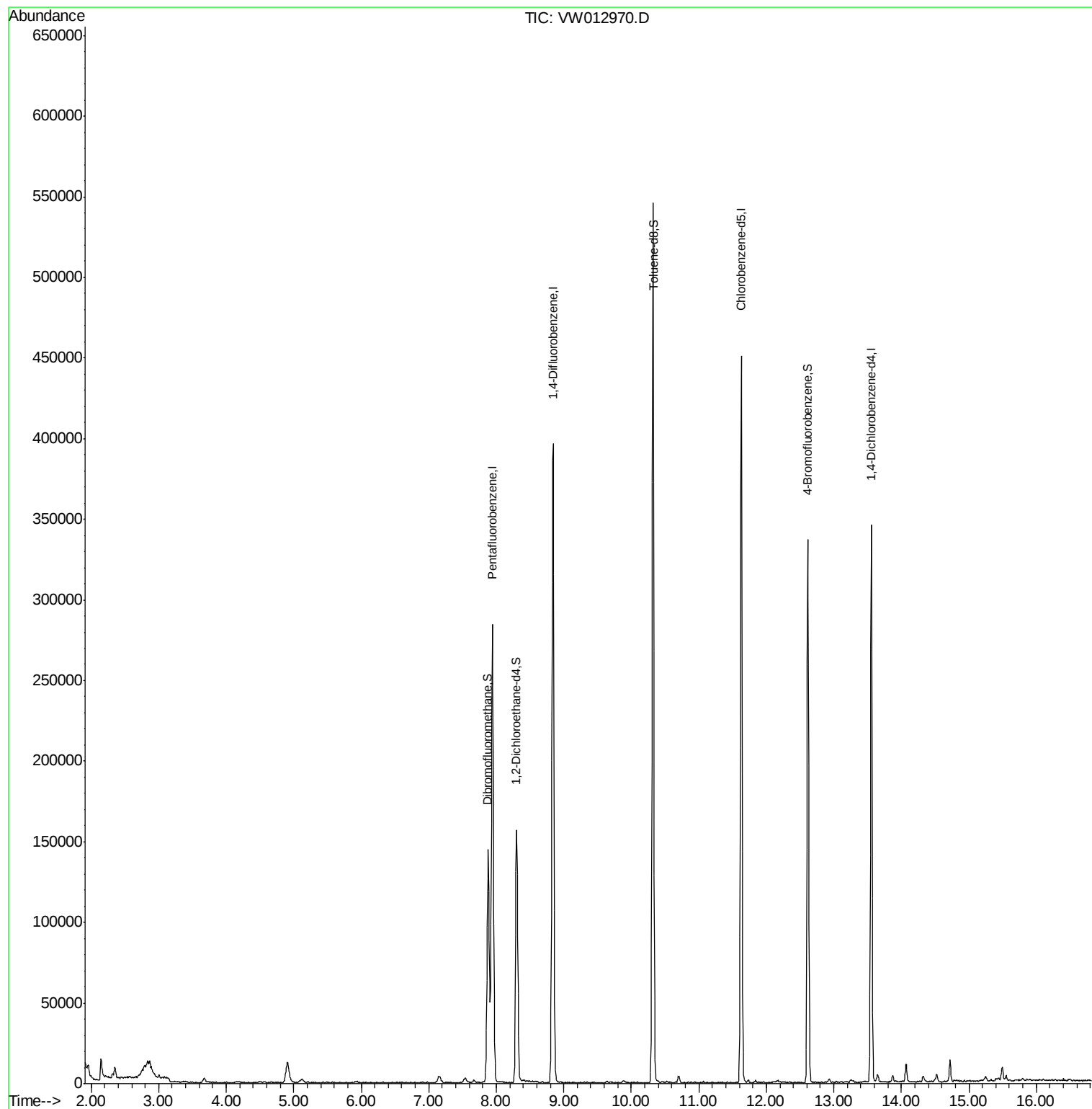
Target Compounds	Qvalue

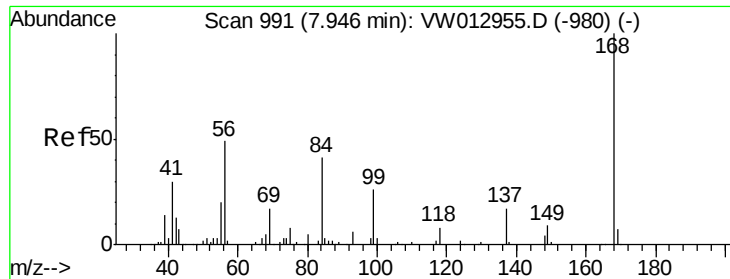
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091419\
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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: VW012970.D

Acq: 13 Sep 2019 23:08

Instrument :

MSVOA_W

ClientSampleId :

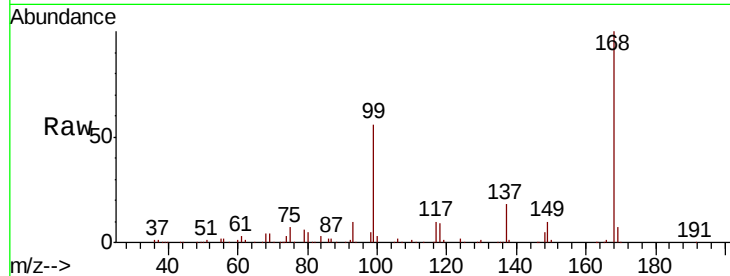
T4-4(0)-BRUCKNER

Tgt Ion:168 Resp: 216352

Ion Ratio Lower Upper

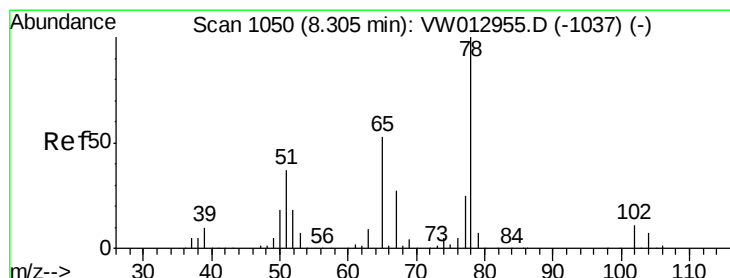
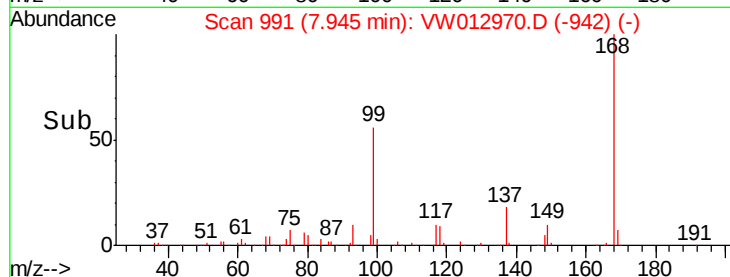
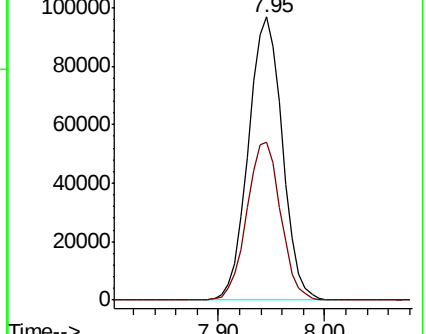
168 100

99 56.0 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: 65.055 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012970.D

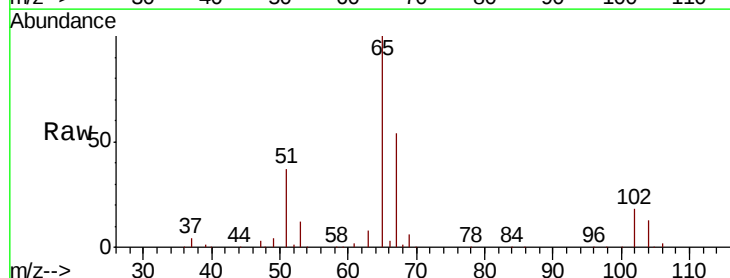
Acq: 13 Sep 2019 23:08

Tgt Ion: 65 Resp: 129990

Ion Ratio Lower Upper

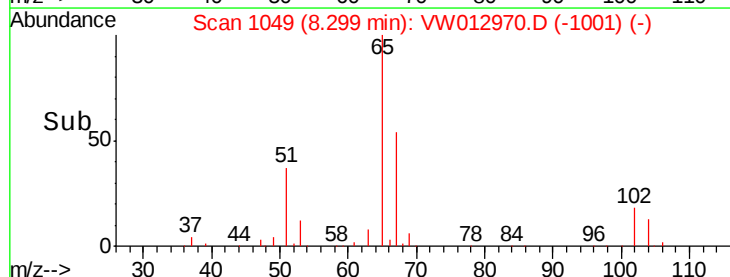
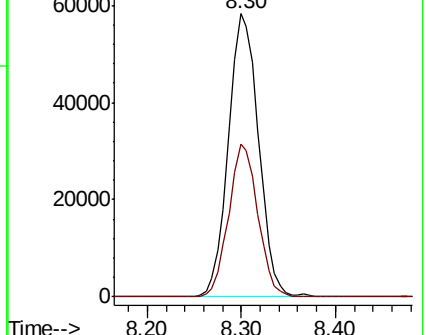
65 100

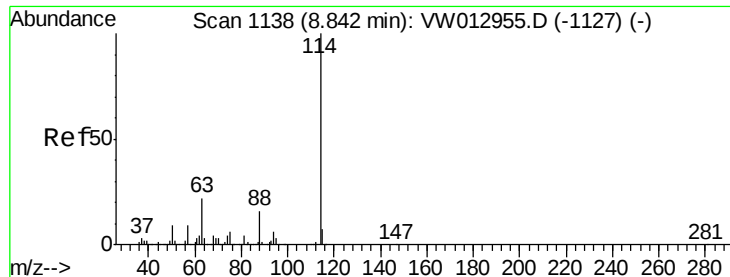
67 52.2 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

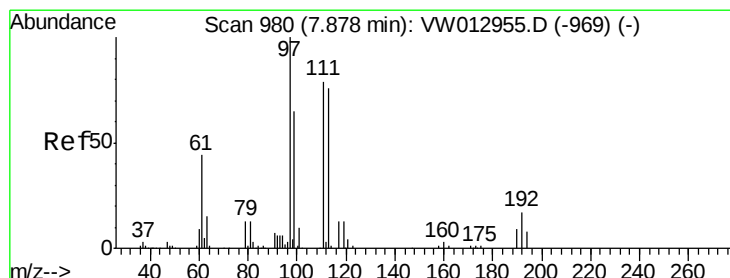
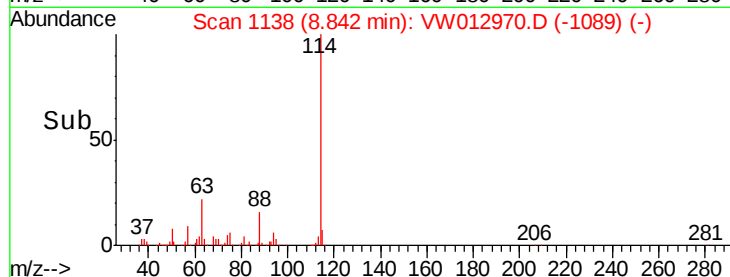
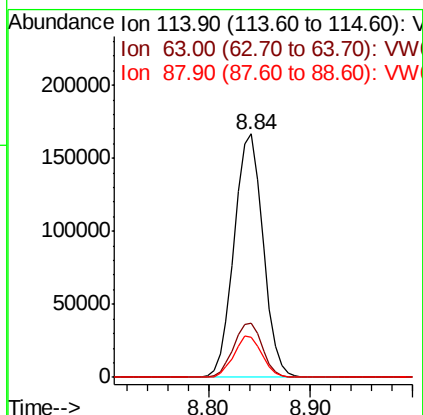
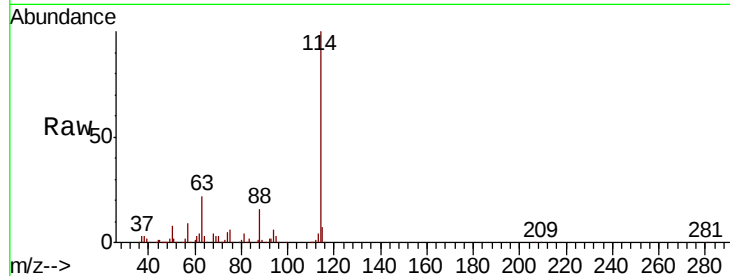




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012970.D
 Acq: 13 Sep 2019 23:08

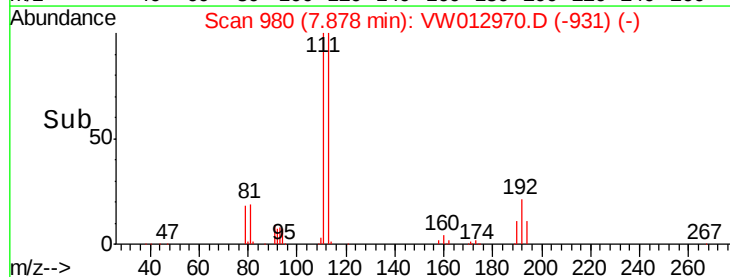
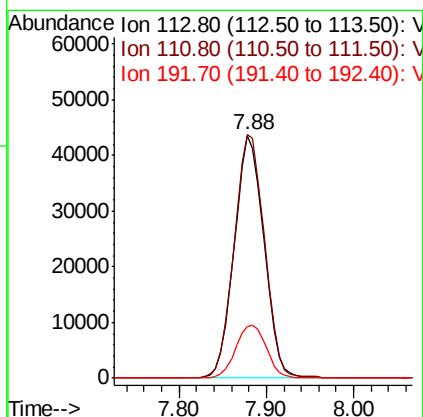
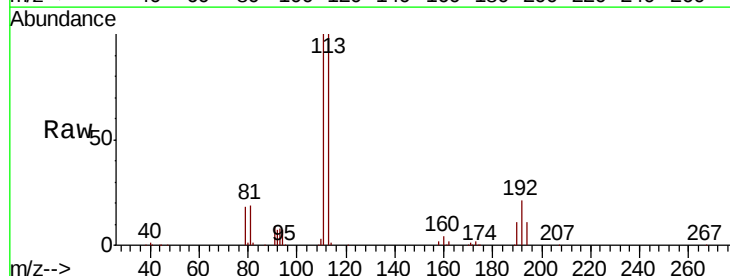
Instrument :
 MSVOA_W
 ClientSampleId :
 T4-4(0)-BRUCKNER

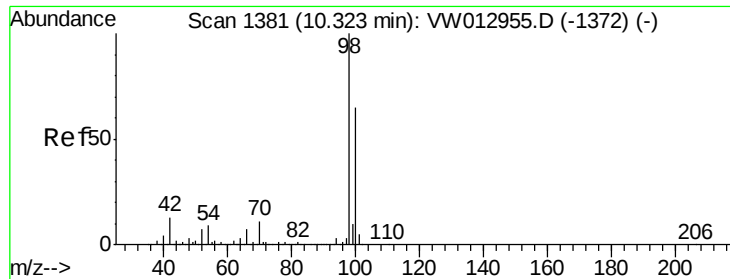
Tgt Ion:114 Resp: 327953
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.4
 88 16.3 0.0 31.6



#35
 Dibromofluoromethane
 Concen: 57.789 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW012970.D
 Acq: 13 Sep 2019 23:08

Tgt Ion:113 Resp: 102837
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.8 124.2
 192 22.6 17.8 26.8





#50

Toluene-d8

Concen: 51.251 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012970.D

Acq: 13 Sep 2019 23:08

Instrument :

MSVOA_W

ClientSampleId :

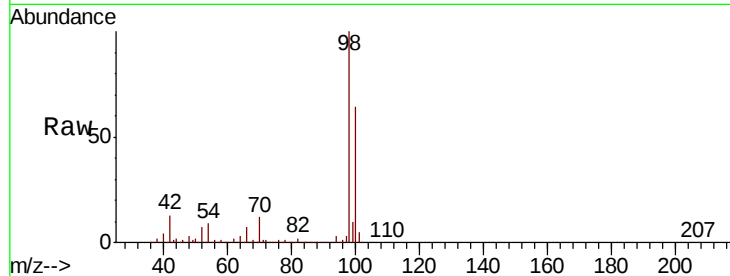
T4-4(0)-BRUCKNER

Tgt Ion: 98 Resp: 356882

Ion Ratio Lower Upper

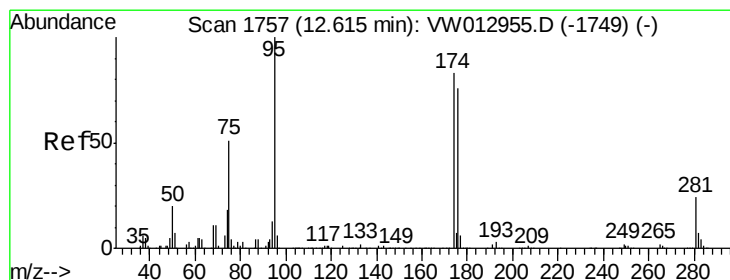
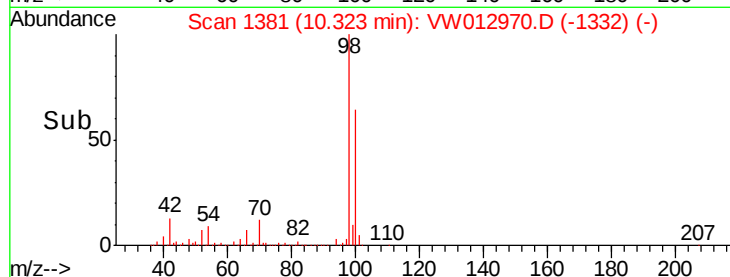
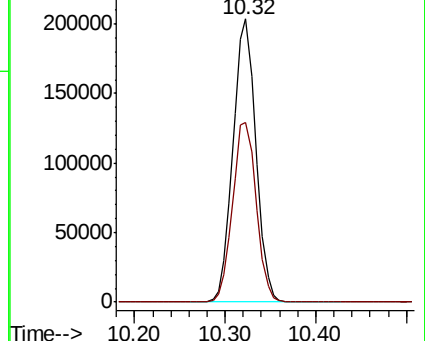
98 100

100 65.7 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 41.026 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012970.D

Acq: 13 Sep 2019 23:08

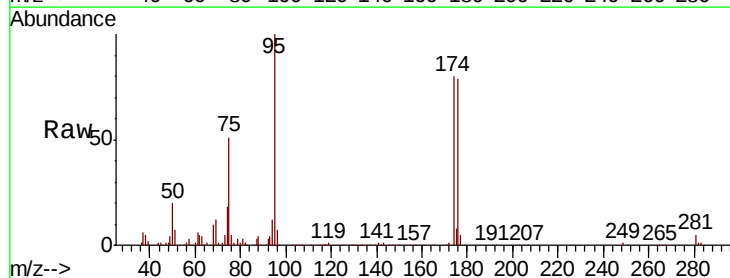
Tgt Ion: 95 Resp: 102725

Ion Ratio Lower Upper

95 100

174 85.6 0.0 170.4

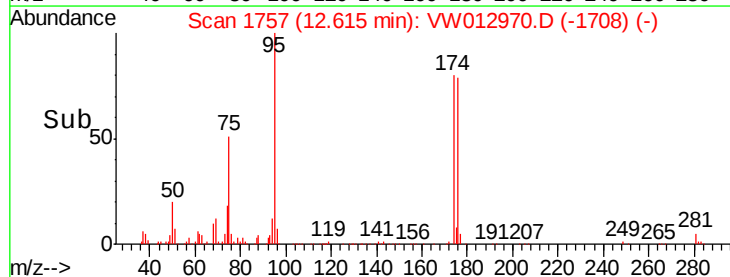
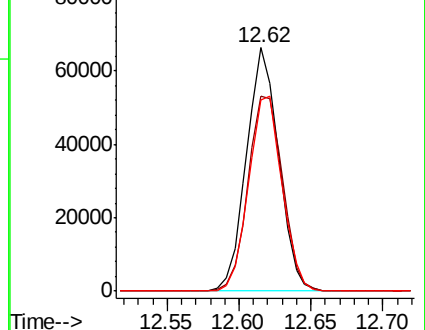
176 83.0 0.0 164.6

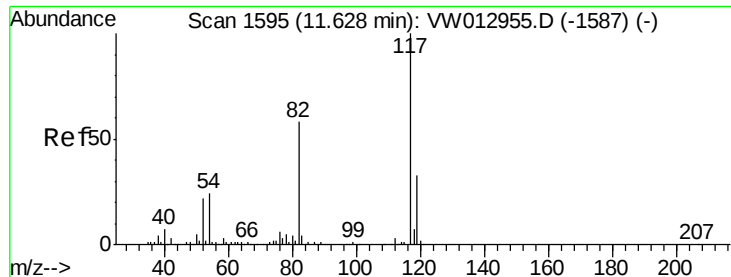


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

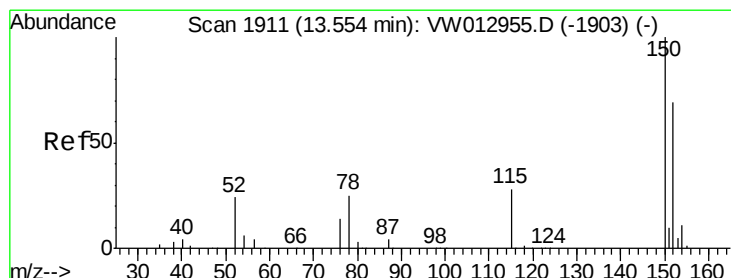
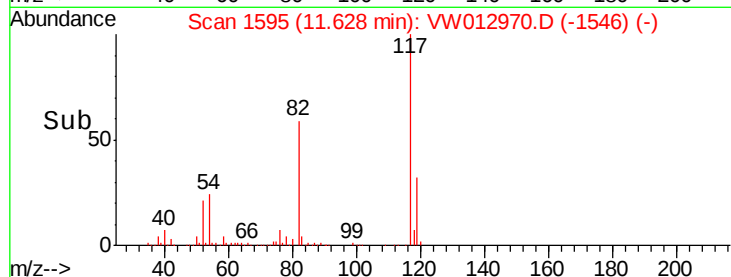
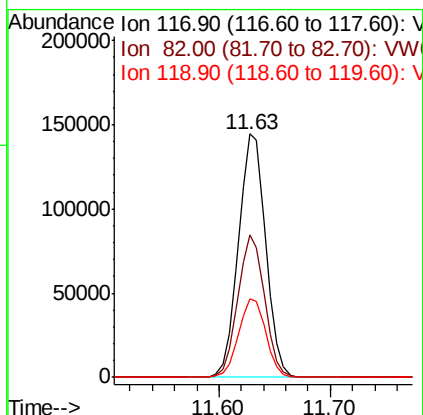
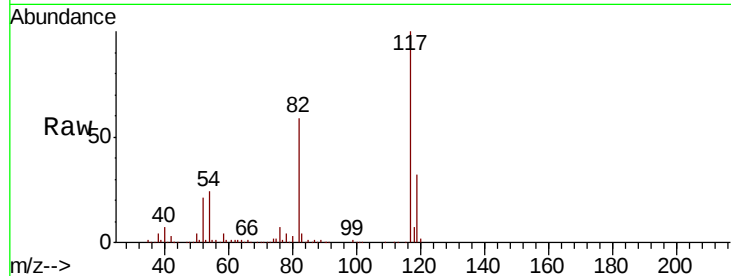




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW012970.D
Acq: 13 Sep 2019 23:08

Instrument :
MSVOA_W
ClientSampleId :
T4-4(0)-BRUCKNER

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.8	46.3	69.5
119	32.3	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: VW012970.D
Acq: 13 Sep 2019 23:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.8	86.4
150	152.7	0.0	340.2

