

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111119\
 Data File : VN059170.D
 Acq On : 11 Nov 2019 18:36
 Operator : JC/SP
 Sample : K5760-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-50

Quant Time: Nov 12 04:00:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

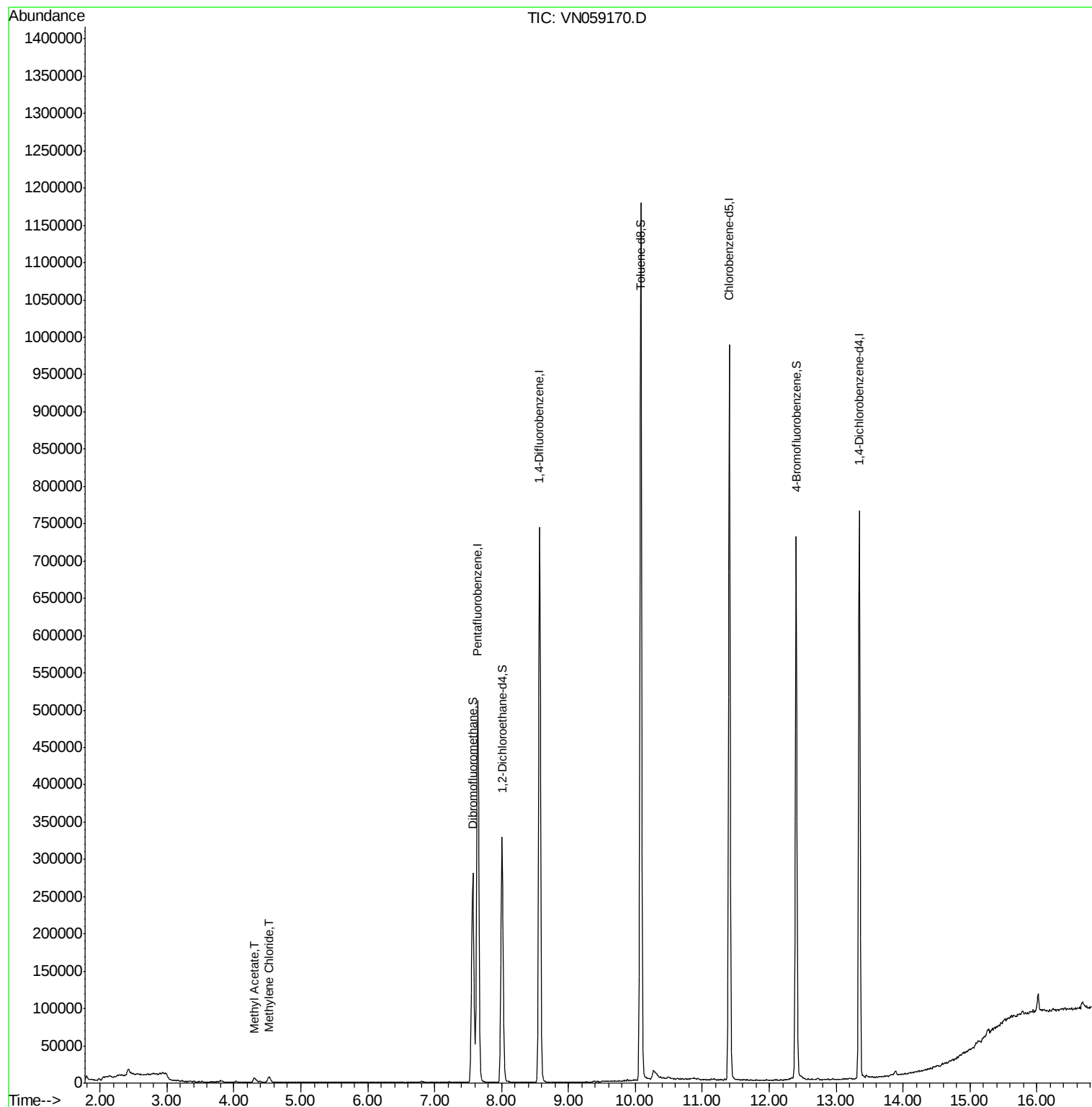
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	414790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	649237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	571305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	202989	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	284293	55.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.52%	
35) Dibromofluoromethane	7.57	113	215276	55.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.06%	
50) Toluene-d8	10.08	98	820514	53.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.48%	
62) 4-Bromofluorobenzene	12.40	95	257944	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
Target Compounds						
18) Methyl Acetate	4.31	43	11997	1.906	ug/l #	77
20) Methylene Chloride	4.53	84	5639	1.221	ug/l #	86

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

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Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059170.D

Acq: 11 Nov 2019 18:36

Instrument :

MSVOA_N

ClientSampled :

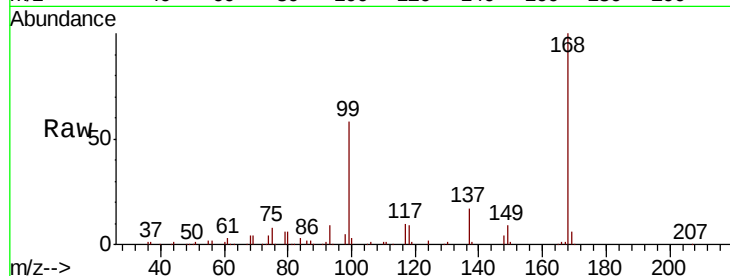
RBR-50

Tot Ion:168 Resp: 414790

Ion Ratio Lower Upper

168 100

99 58.0 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VN059170.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN059170.D (-1733) (-)

7.64

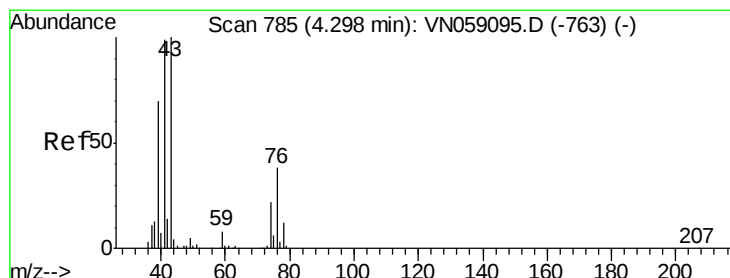
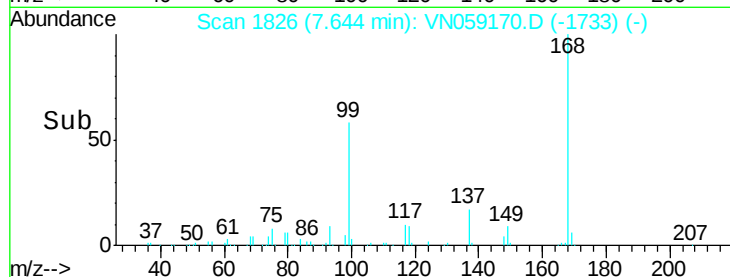
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 1.906 ug/l

RT: 4.31 min Scan# 788

Delta R.T. 0.01 min

Lab File: VN059170.D

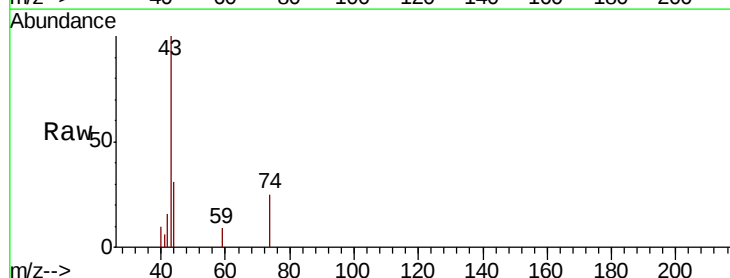
Acq: 11 Nov 2019 18:36

Tgt Ion: 43 Resp: 11997

Ion Ratio Lower Upper

43 100

74 11.4 17.8 26.8#



Abundance Ion 43.00 (42.70 to 43.70): VN059170.D (-692) (-)

Ion 74.00 (73.70 to 74.70): VN059170.D (-692) (-)

4.31

4000

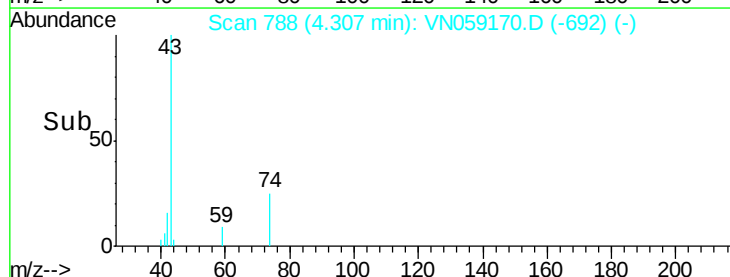
3000

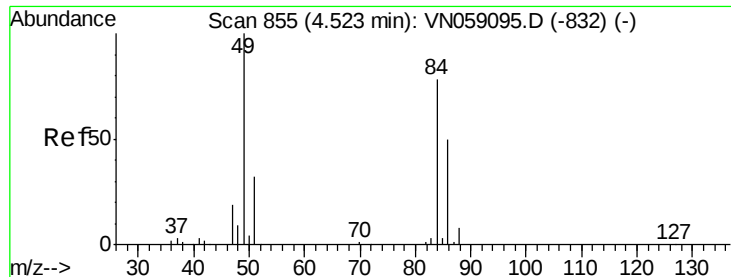
2000

1000

0

Time-->

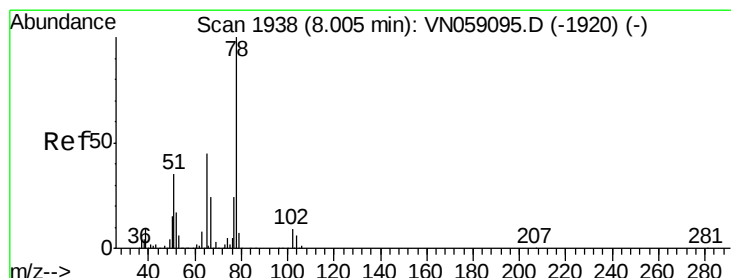
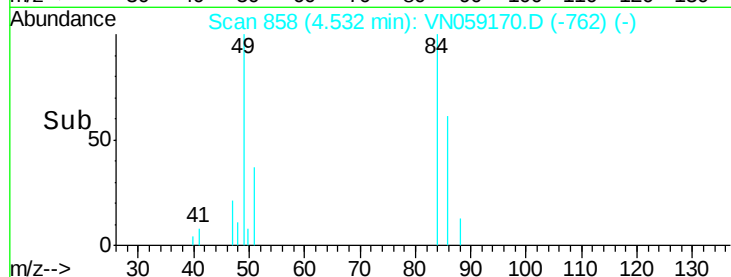
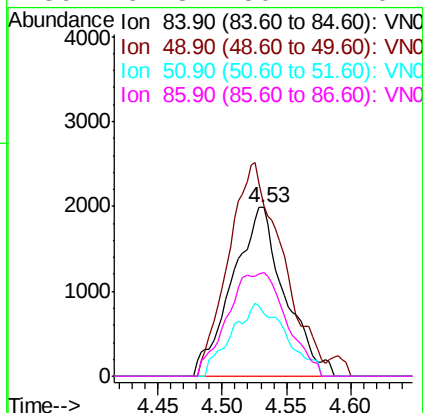
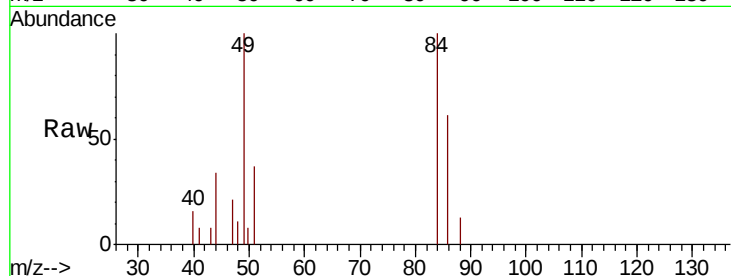




#20
Methvlene Chloride
Concen: 1.221 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN059170.D
Acq: 11 Nov 2019 18:36

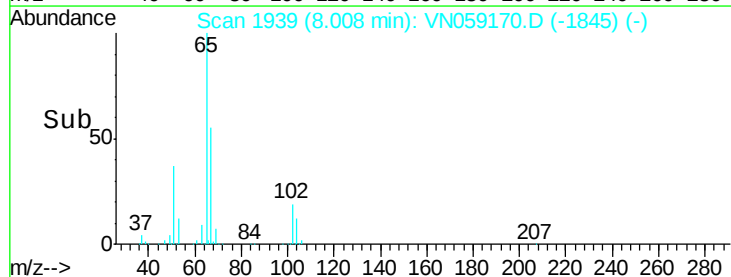
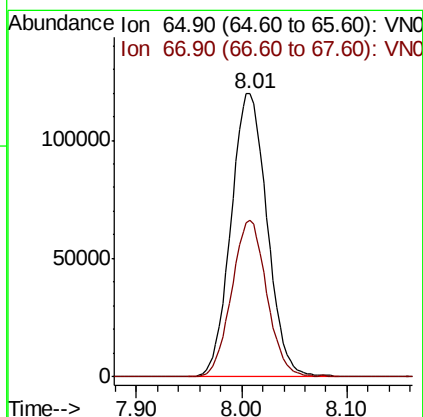
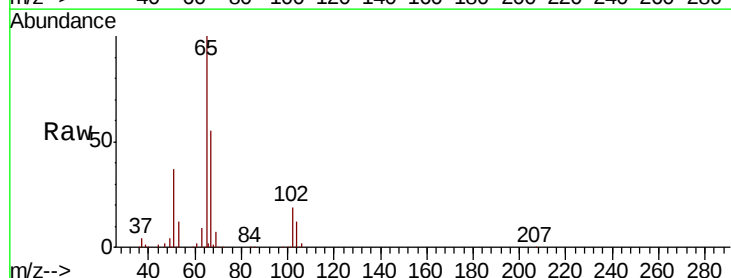
Instrument :
MSVOA_N
ClientSampleId :
RBR-50

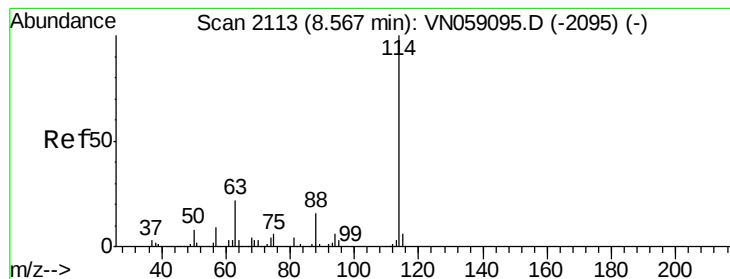
Tot Ion: 84 Resp: 5639
Ion Ratio Lower Upper
84 100
49 100.5 102.0 153.0#
51 37.5 32.2 48.2
86 61.3 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: 55.756 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059170.D
Acq: 11 Nov 2019 18:36

Tgt Ion: 65 Resp: 284293
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN059170.D

Acq: 11 Nov 2019 18:36

Instrument :

MSVOA_N

ClientSampleId :

RBR-50

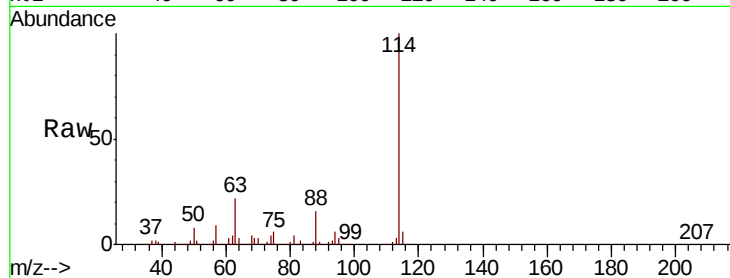
Tot Ion:114 Resp: 649237

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.4

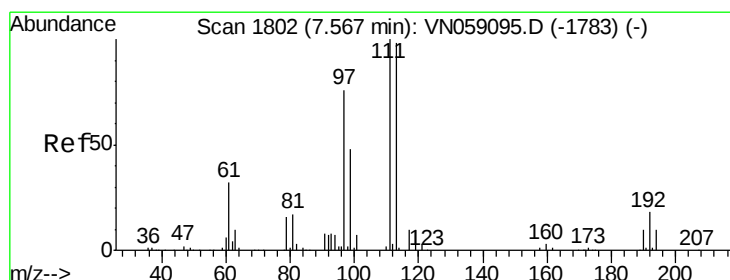
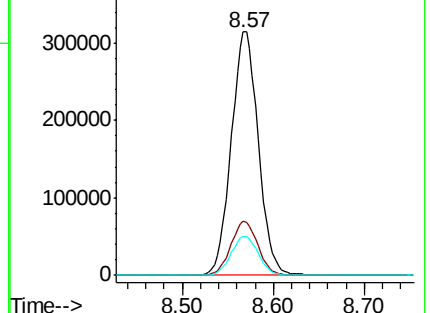
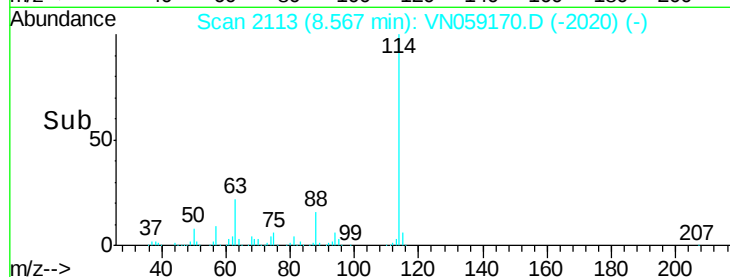
88 16.0 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 55.532 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059170.D

Acq: 11 Nov 2019 18:36

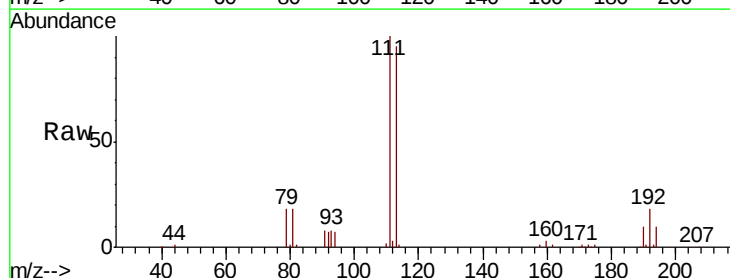
Tgt Ion:113 Resp: 215276

Ion Ratio Lower Upper

113 100

111 103.5 82.8 124.2

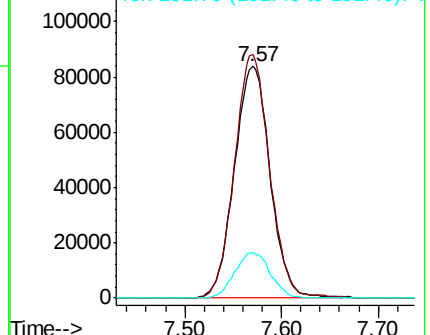
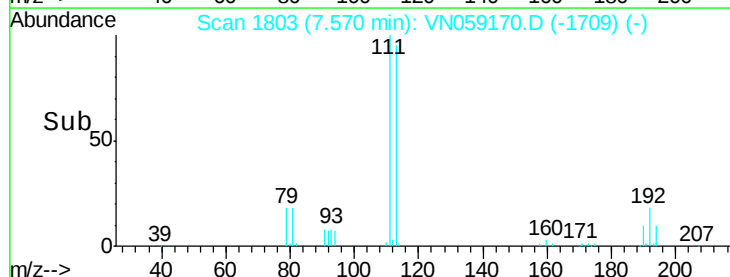
192 19.8 16.1 24.1

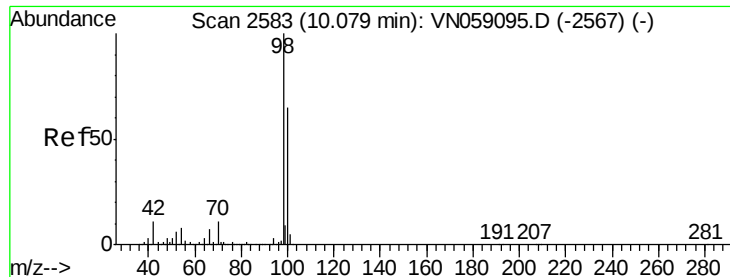


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.735 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059170.D

Acq: 11 Nov 2019 18:36

Instrument :

MSVOA_N

ClientSampled :

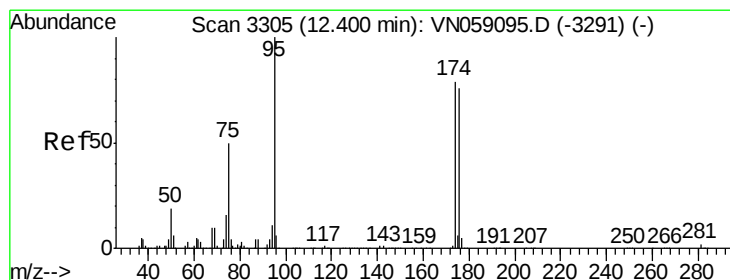
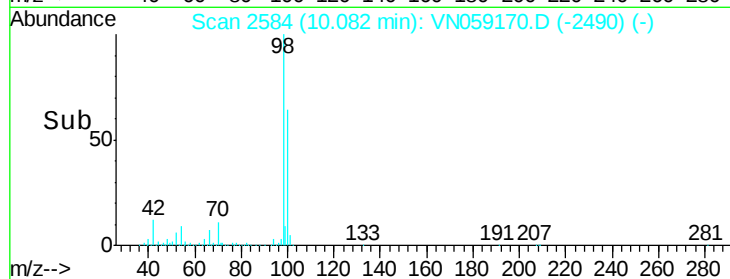
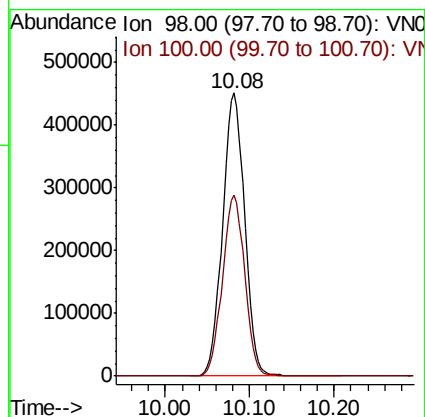
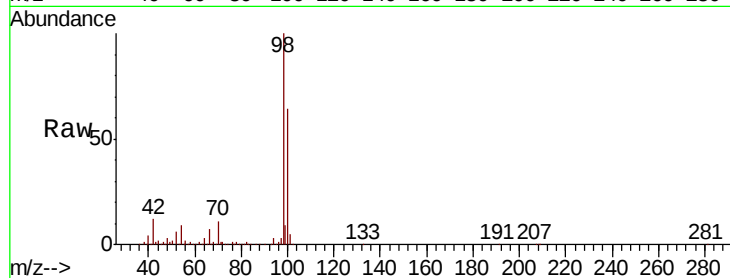
RBR-50

Tot Ion: 98 Resp: 820514

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 46.851 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059170.D

Acq: 11 Nov 2019 18:36

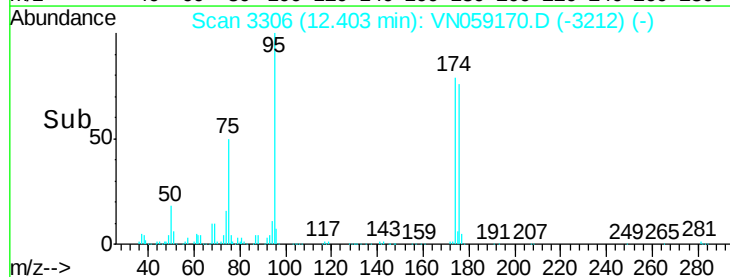
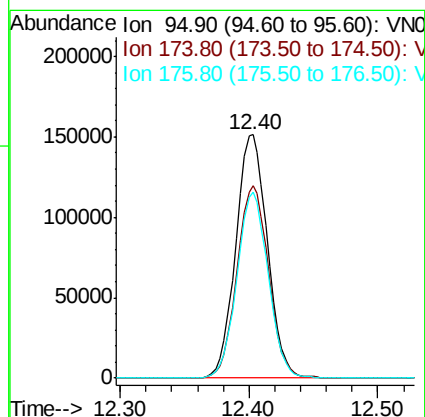
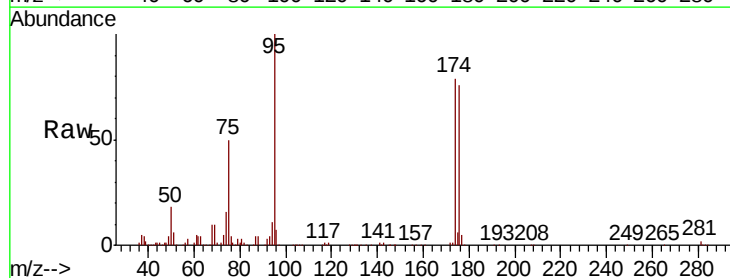
Tgt Ion: 95 Resp: 257944

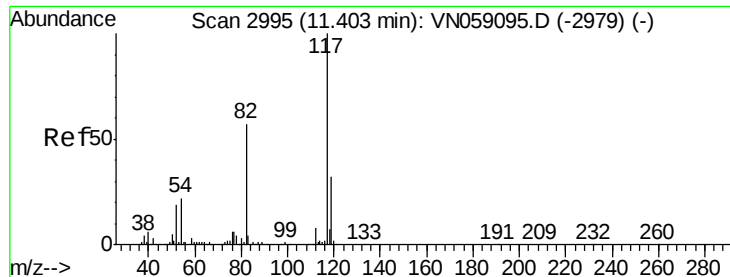
Ion Ratio Lower Upper

95 100

174 79.2 0.0 158.2

176 75.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059170.D

Acq: 11 Nov 2019 18:36

Instrument :

MSVOA_N

ClientSampleId :

RBR-50

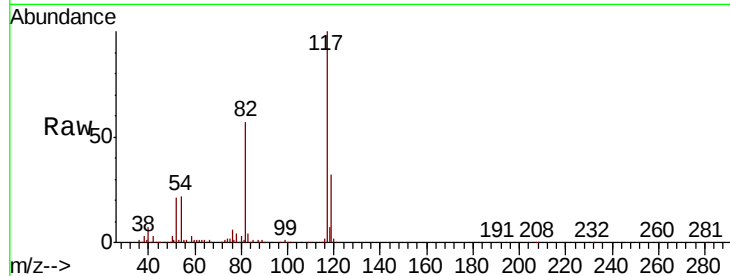
Tot Ion:117 Resp: 571305

Ion Ratio Lower Upper

117 100

82 57.0 45.8 68.8

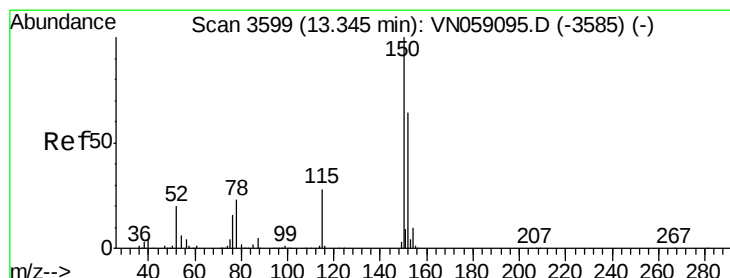
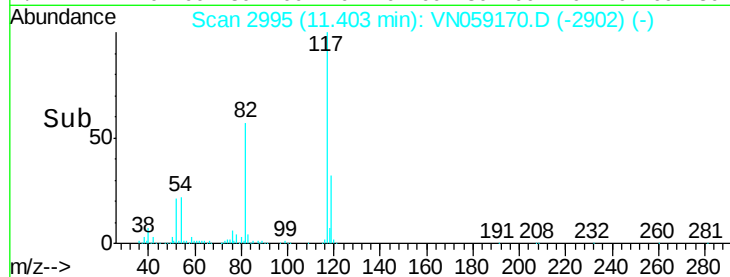
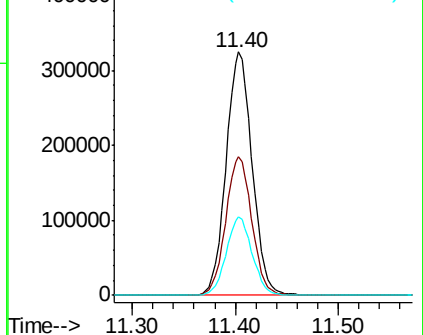
119 32.2 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059170.D

Acq: 11 Nov 2019 18:36

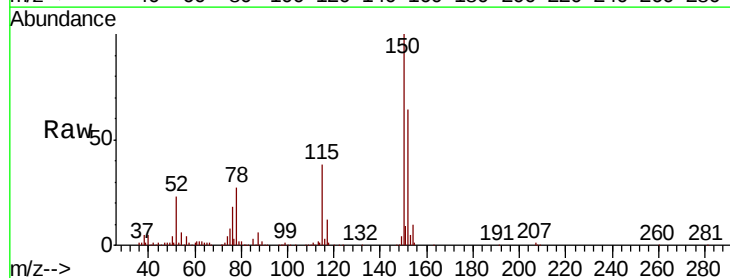
Tgt Ion:152 Resp: 202989

Ion Ratio Lower Upper

152 100

115 60.2 29.4 88.2

150 157.3 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

