

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072220\
 Data File : VN062599.D
 Acq On : 22 Jul 2020 16:48
 Operator : JC/MD
 Sample : PB130362ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 23 07:17:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-7.63
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-8.55
63) Chlorobenzene-d5	11.39	117	29	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-13.32

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		0.00	65	0	0.00	ug/l	
Spiked Amount	50.000			Recovery	=	0.00%	
35) Dibromofluoromethane		0.00	113	0	0.00	ug/l	
Spiked Amount	50.000			Recovery	=	0.00%	
50) Toluene-d8		10.06	98	115	0.00	ug/l	0.00
Spiked Amount	50.000			Recovery	=	0.00%	
62) 4-Bromofluorobenzene		0.00	95	0	0.00	ug/l	
Spiked Amount	50.000			Recovery	=	0.00%	

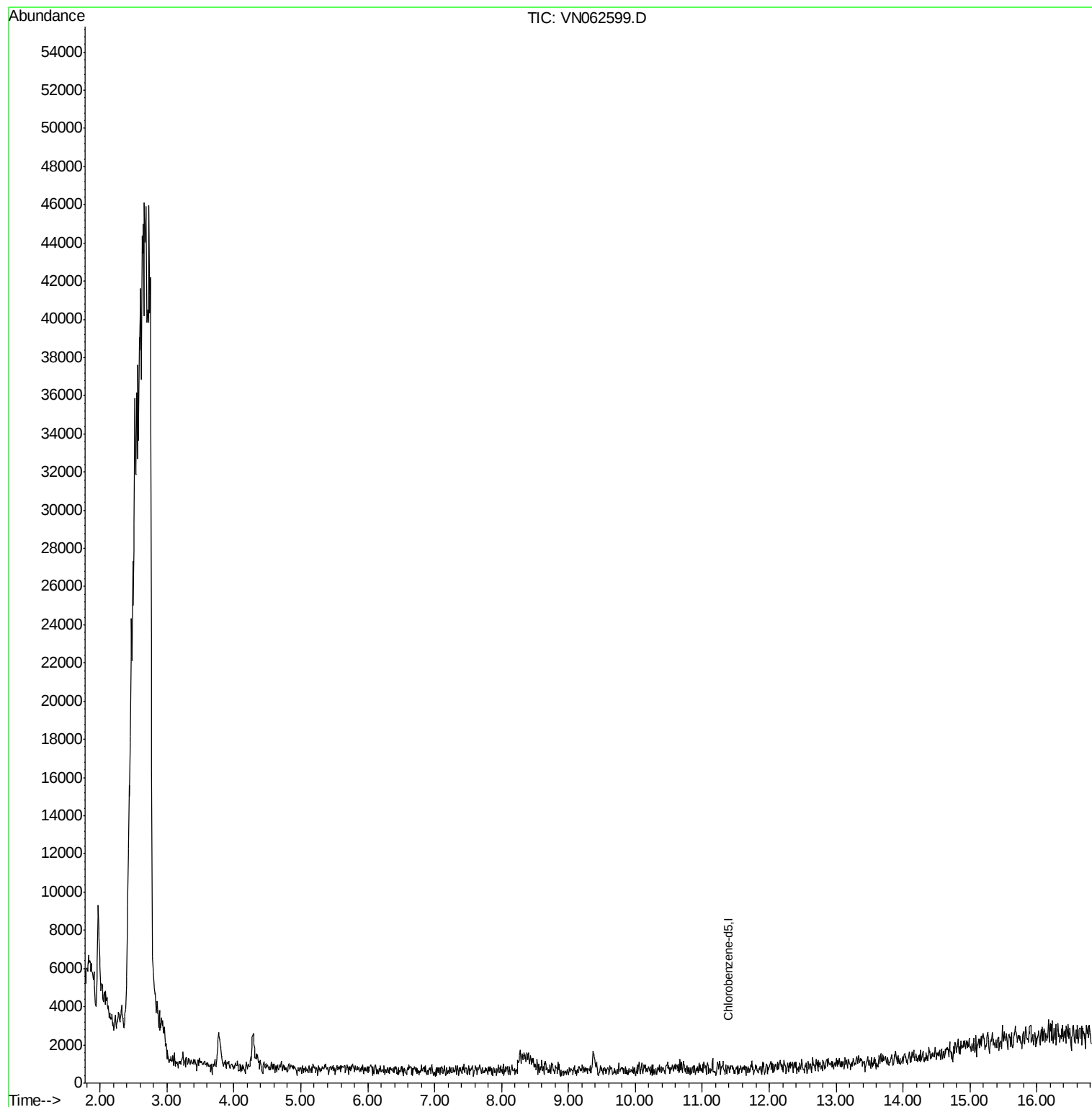
Target Compounds	Qvalue

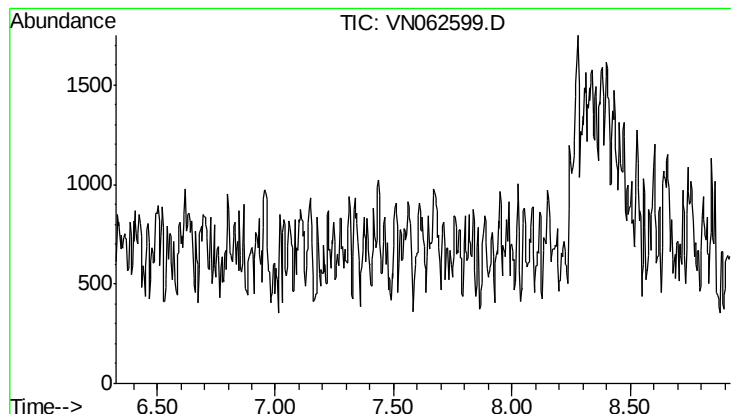
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 7.63 min

Lab File: VN062599.D

Acq: 22 Jul 2020 16:48

Tot Ion: 168

Sig Exp Ratio

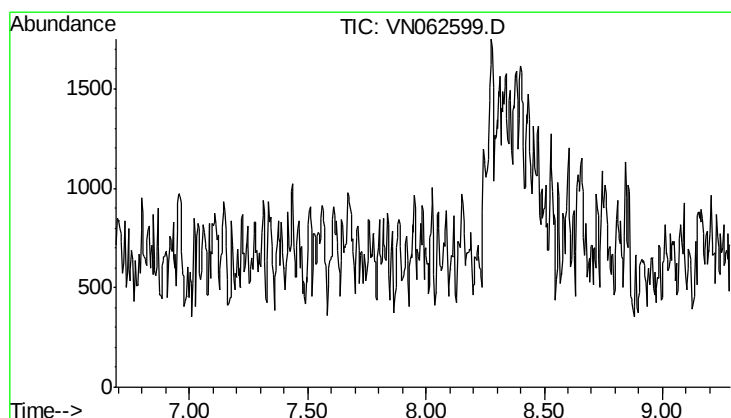
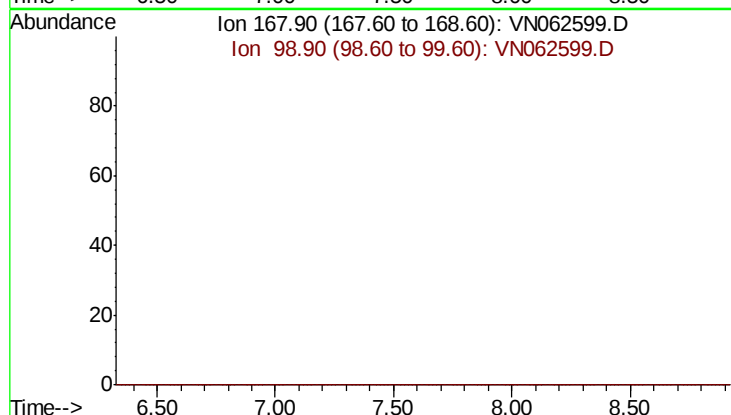
168 100

99 60.5

Instrument :

MSVOA_N

ClientSampleId :



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 7.99 min

Lab File: VN062599.D

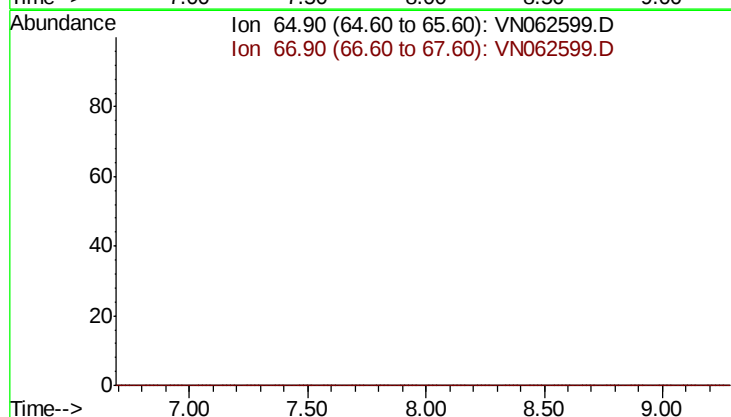
Acq: 22 Jul 2020 16:48

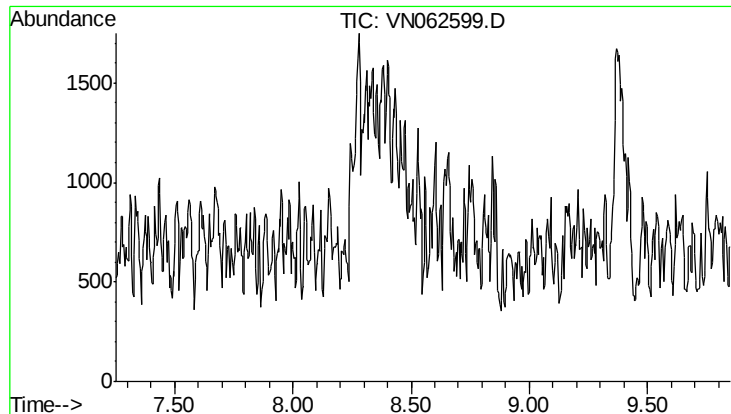
Tgt Ion: 65

Sig Exp Ratio

65 100

67 53.0

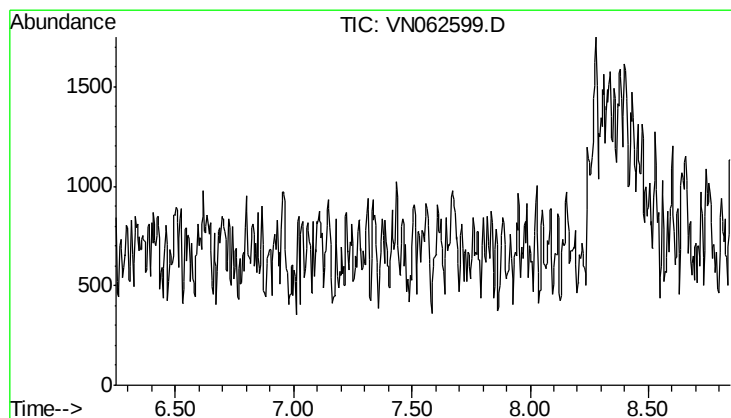
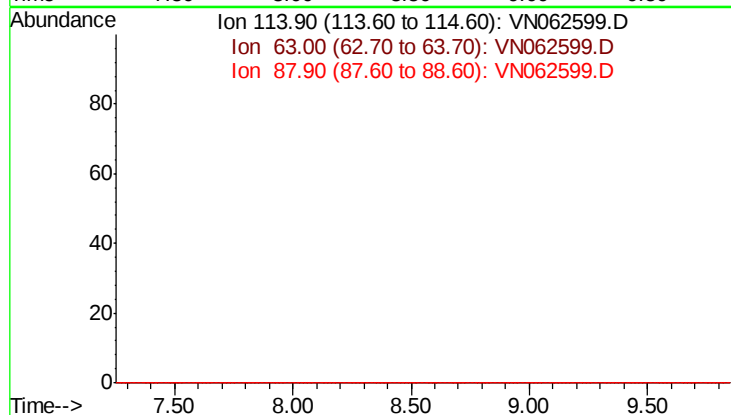




#34
 1,4-Difluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 8.55 min
 Lab File: VN062599.D
 Acq: 22 Jul 2020 16:48

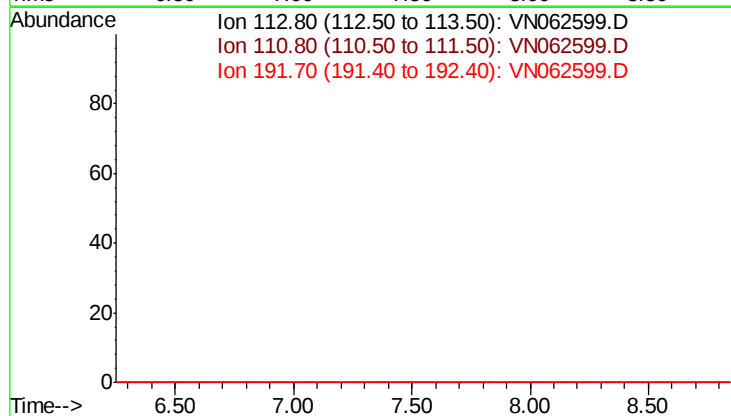
Instrument :
 MSVOA_N
 ClientSampleId :

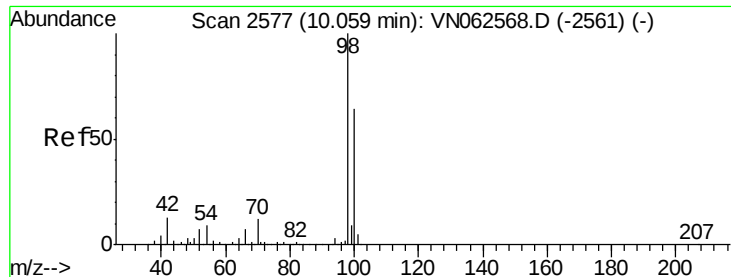
Tot Ion: 114
 Sig Exp Ratio
 114 100
 63 24.2
 88 16.9



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.55 min
 Lab File: VN062599.D
 Acq: 22 Jul 2020 16:48

Tgt Ion: 113
 Sig Exp Ratio
 113 100
 111 103.4
 192 18.5





#50

Toluene-d8

Concen: 0.000 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062599.D

Acq: 22 Jul 2020 16:48

Instrument :

MSVOA_N

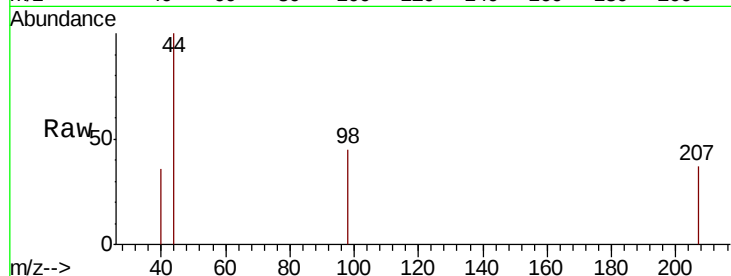
ClientSampled :

Tot Ion: 98 Resp: 115

Ion Ratio Lower Upper

98 100

100 27.0 50.9 76.3#



Abundance Ion 98.00 (97.70 to 98.70): VN062568.D

Ion 100.00 (99.70 to 100.70): VN062568.D

10.06

250

200

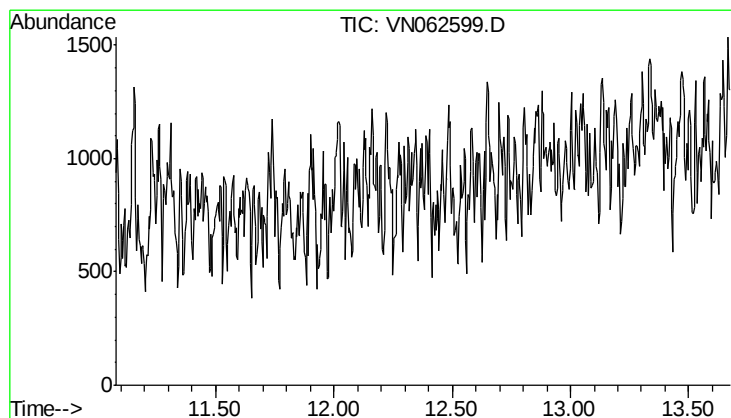
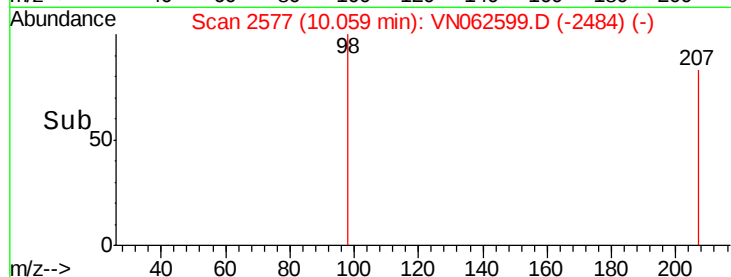
150

100

50

0

Time-->



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.38 min

Lab File: VN062599.D

Acq: 22 Jul 2020 16:48

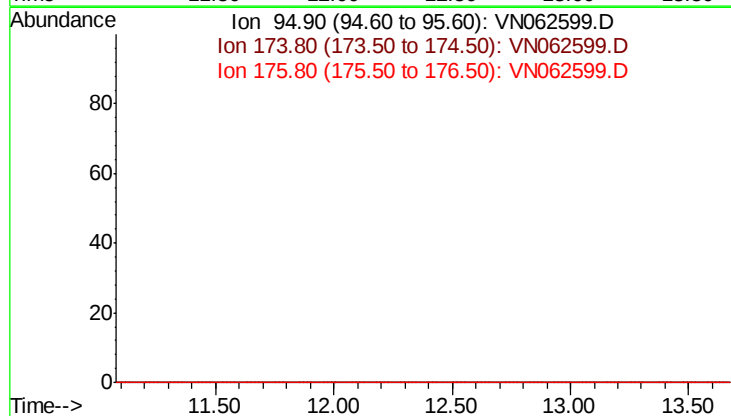
Tgt Ion: 95

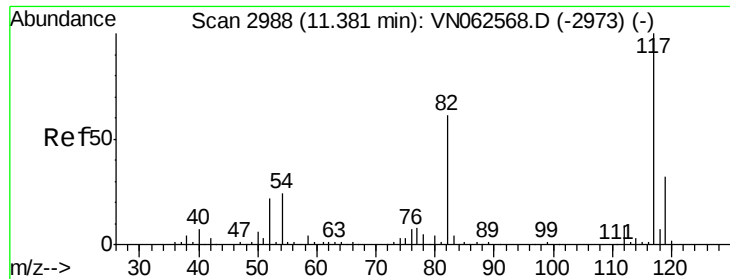
Sig Exp Ratio

95 100

174 72.3

176 69.7





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.39 min Scan# 2991

Delta R.T. 0.01 min

Lab File: VN062599.D

Acq: 22 Jul 2020 16:48

Instrument :

MSVOA_N

ClientSampled :

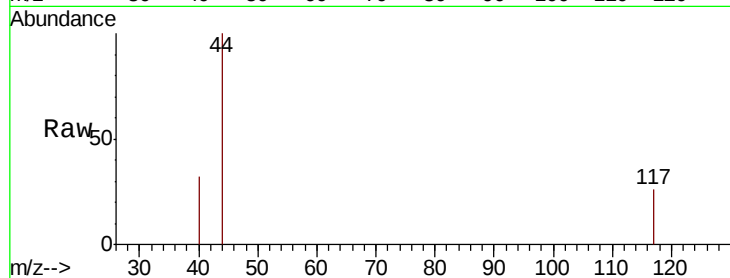
Tot Ion:117 Resp: 29

Ion Ratio Lower Upper

117 100

82 0.0 49.0 73.6#

119 0.0 25.4 38.2#



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V

11.39

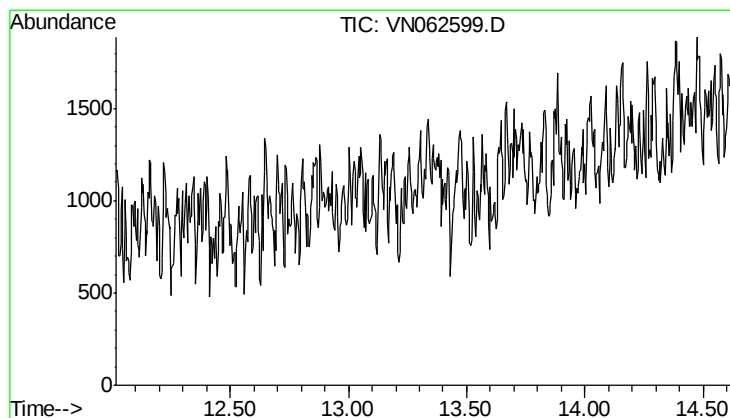
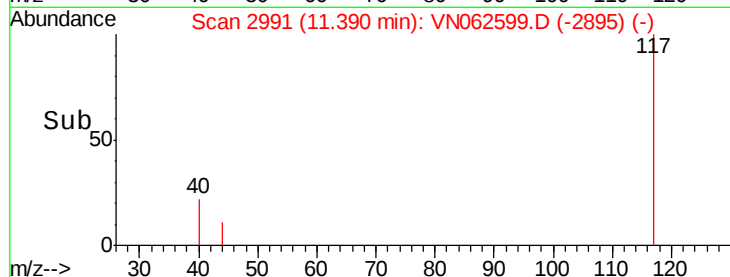
150

100

50

0

Time--> 11.38 11.39 11.40



#72

1,4-Dichlorobenzene-d4

Concen: 0.000 ug/l

Expected RT: 13.32 min

Lab File: VN062599.D

Acq: 22 Jul 2020 16:48

Tgt Ion: 152

Sig Exp Ratio

152 100

115 63.6

150 175.7

