

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020420\
 Data File : VN060001.D
 Acq On : 4 Feb 2020 17:50
 Operator : JC/MD
 Sample : PB126559ZHE#14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126559ZHE#14

Quant Time: Feb 05 02:49:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

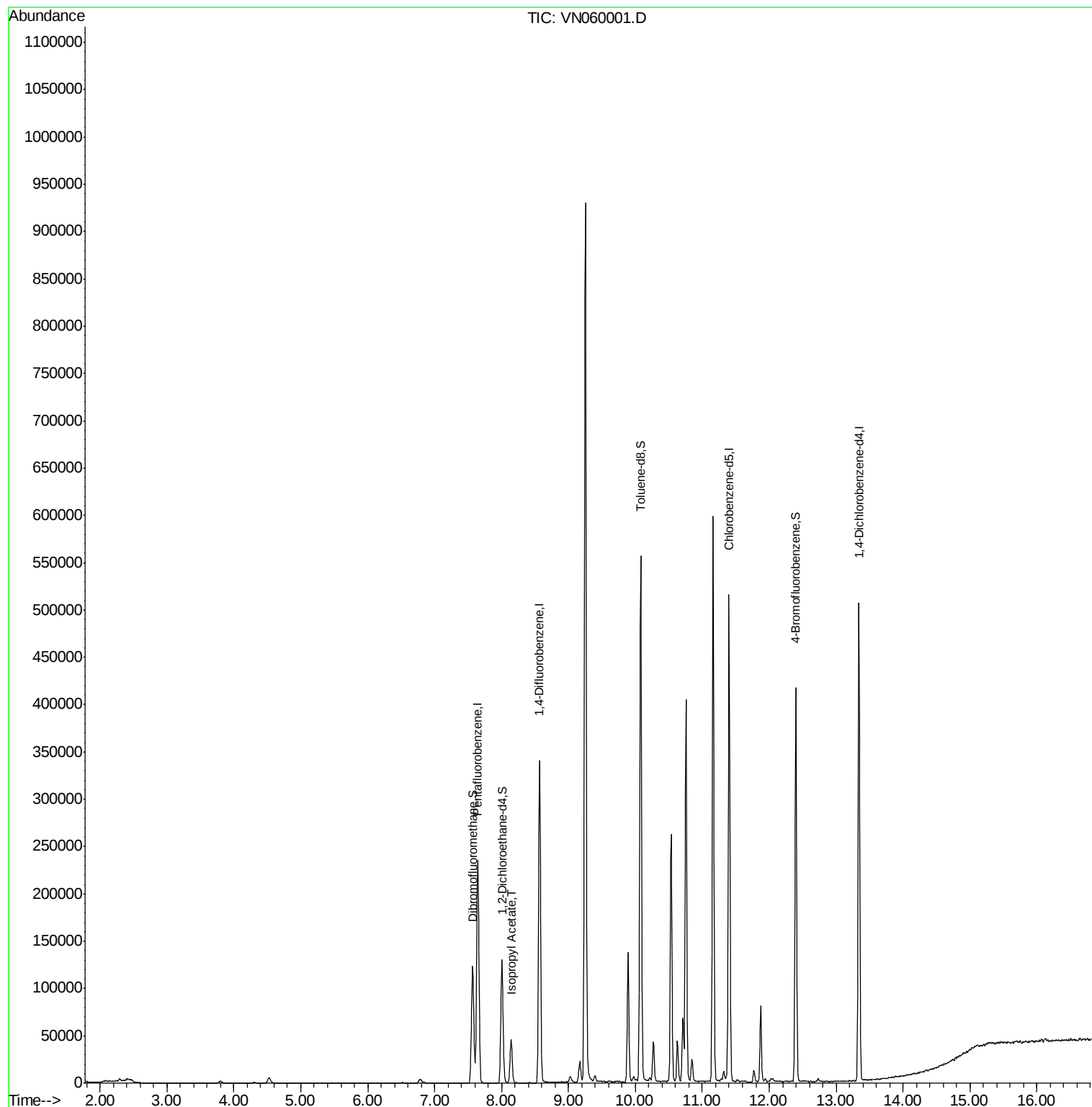
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	199720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	312602	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	296509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	137327	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	114924	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
35) Dibromofluoromethane	7.57	113	94947	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
50) Toluene-d8	10.08	98	380060	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.24%	
62) 4-Bromofluorobenzene	12.40	95	140070	53.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.58%	
Target Compounds						
43) Isopropyl Acetate	8.14	43	54003	12.297	ug/l	Qvalue 92

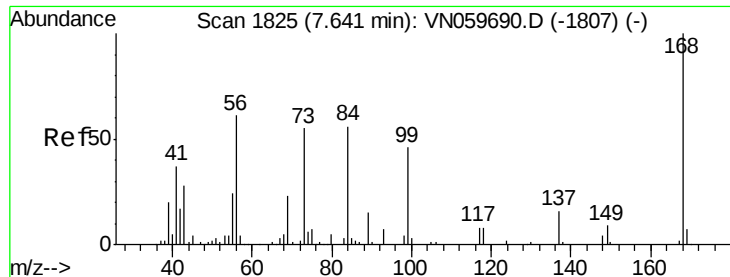
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060001.D

Acq: 4 Feb 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

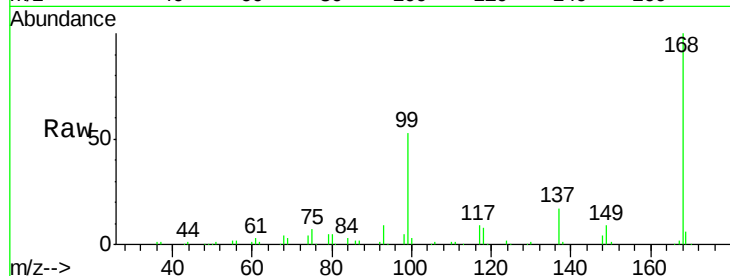
PB126559ZHE#14

Tot Ion:168 Resp: 199720

Ion Ratio Lower Upper

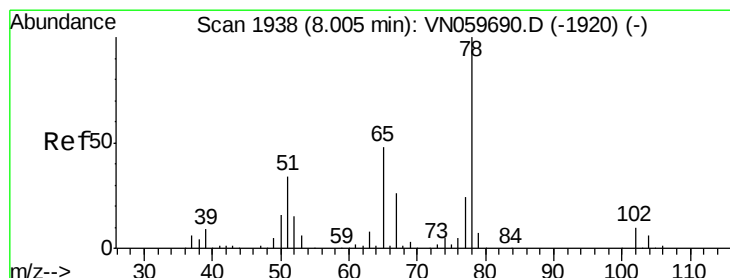
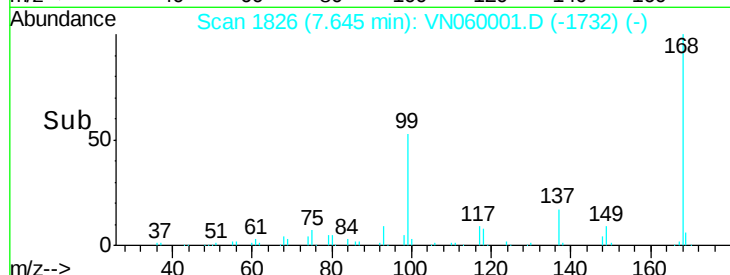
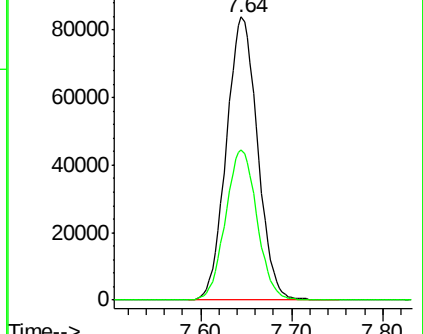
168 100

99 52.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 51.816 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060001.D

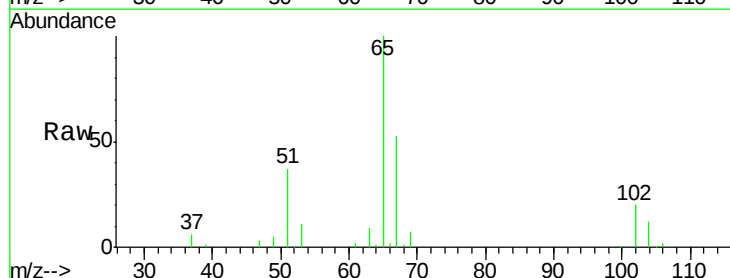
Acq: 4 Feb 2020 17:50

Tgt Ion: 65 Resp: 114924

Ion Ratio Lower Upper

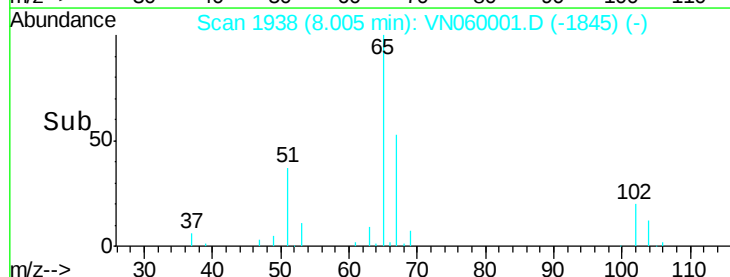
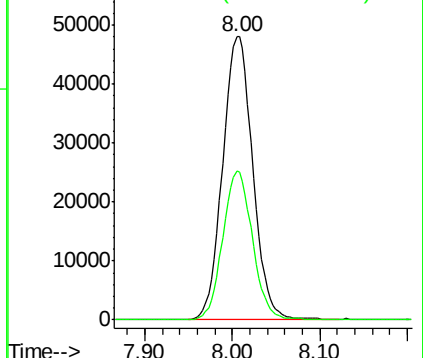
65 100

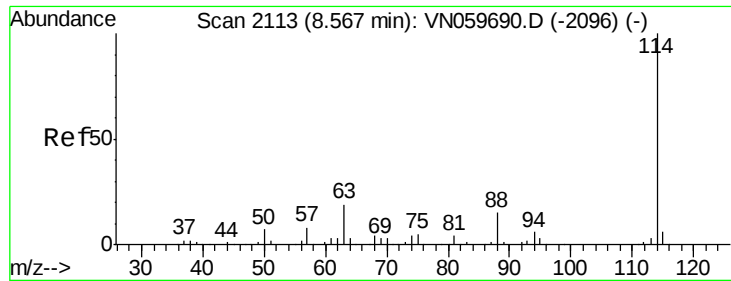
67 51.4 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060001.D

Acq: 4 Feb 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

PB126559ZHE#14

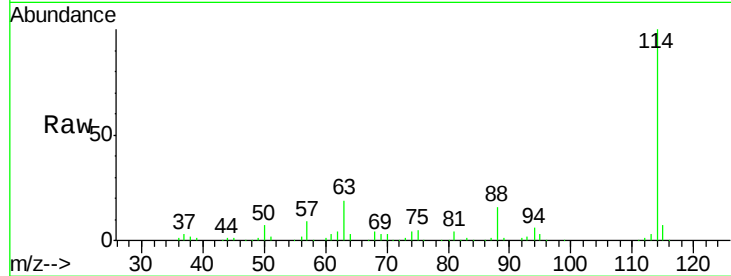
Tot Ion:114 Resp: 312602

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.6

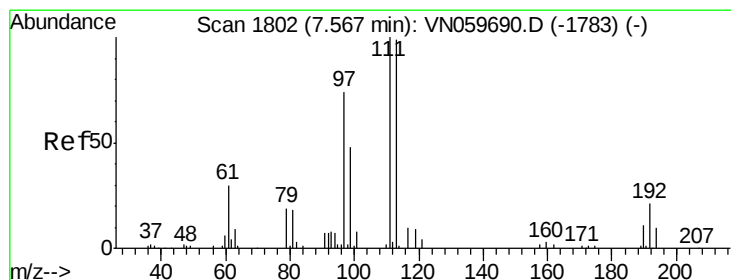
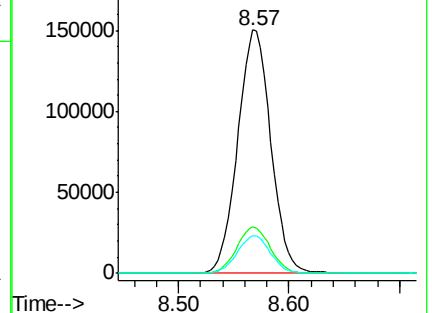
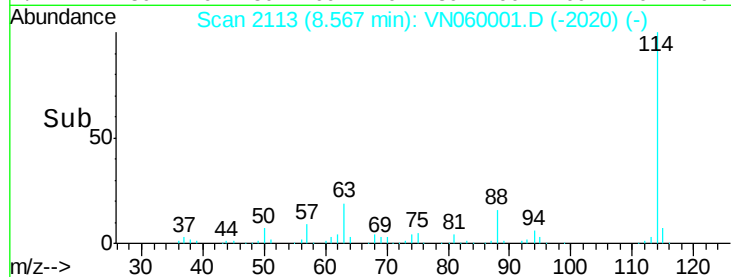
88 15.6 0.0 31.4



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: 50.932 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060001.D

Acq: 4 Feb 2020 17:50

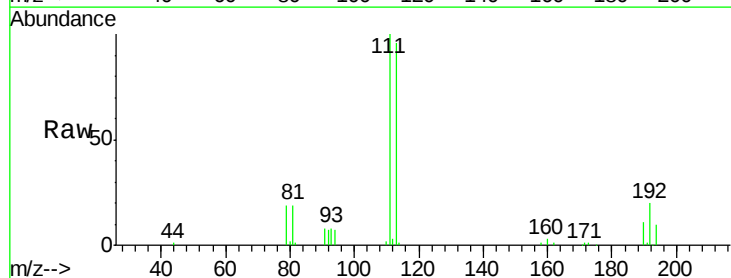
Tgt Ion:113 Resp: 94947

Ion Ratio Lower Upper

113 100

111 102.8 83.5 125.3

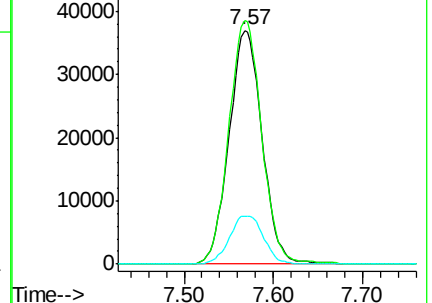
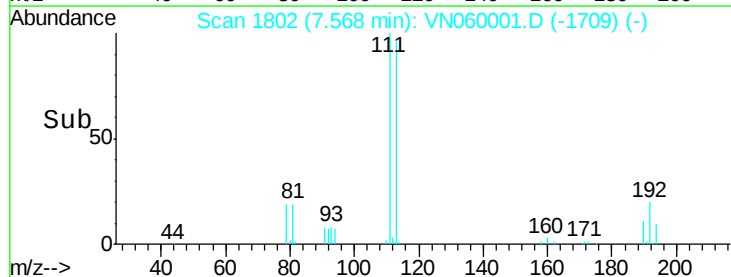
192 21.1 15.4 23.2

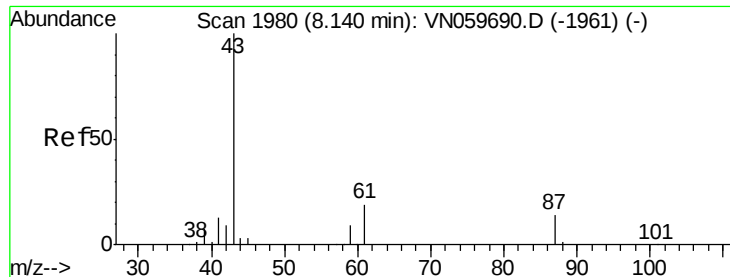


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 12.297 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060001.D

Acq: 4 Feb 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

PB126559ZHE#14

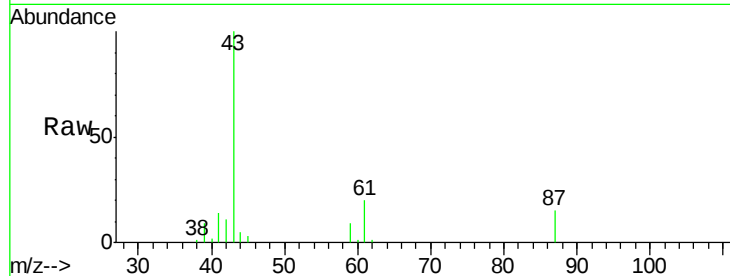
Tot Ion: 43 Resp: 54003

Ion Ratio Lower Upper

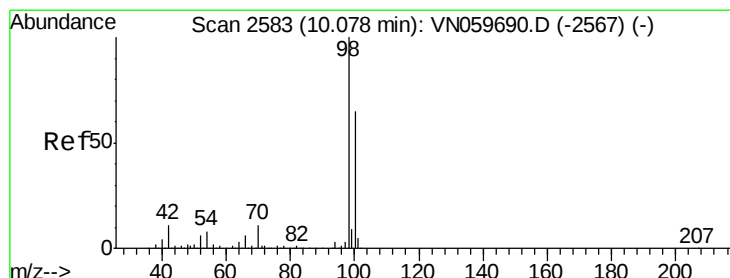
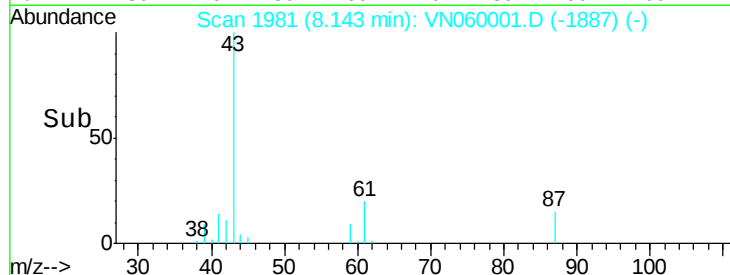
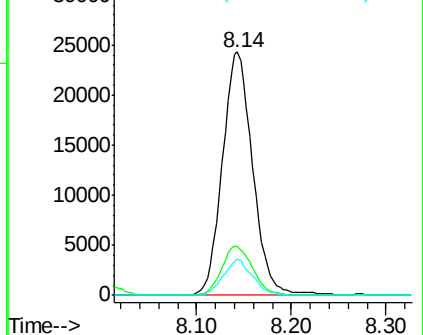
43 100

61 20.6 20.2 30.2

87 14.0 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 52.620 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060001.D

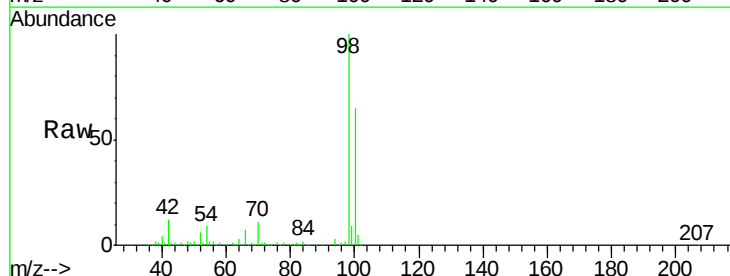
Acq: 4 Feb 2020 17:50

Tgt Ion: 98 Resp: 380060

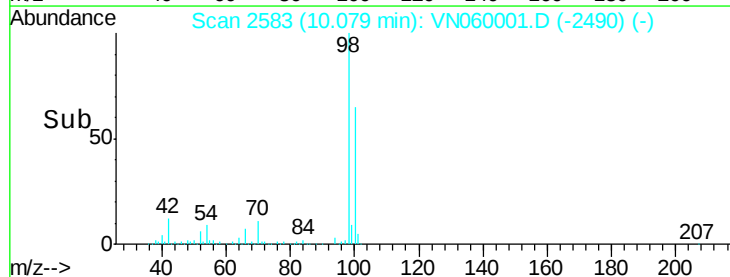
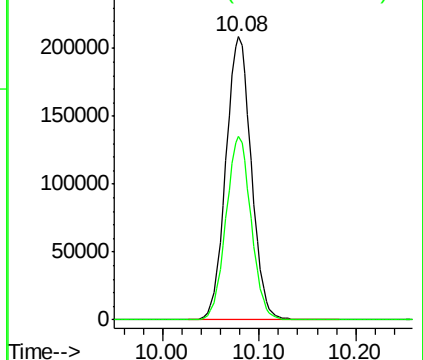
Ion Ratio Lower Upper

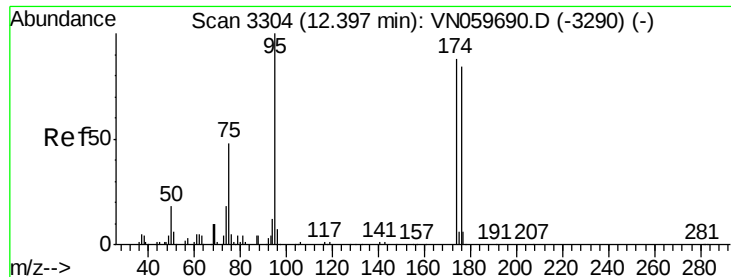
98 100

100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 53.794 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060001.D

Acq: 4 Feb 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

PB126559ZHE#14

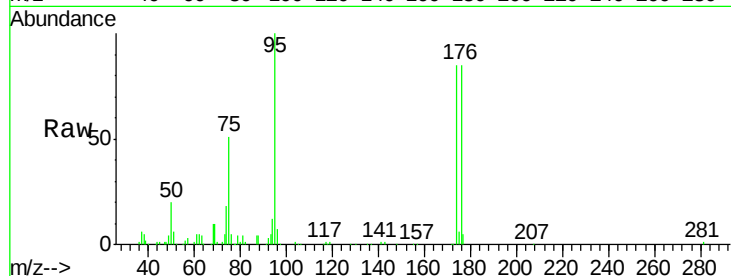
Tot Ion: 95 Resp: 140070

Ion Ratio Lower Upper

95 100

174 85.1 0.0 151.4

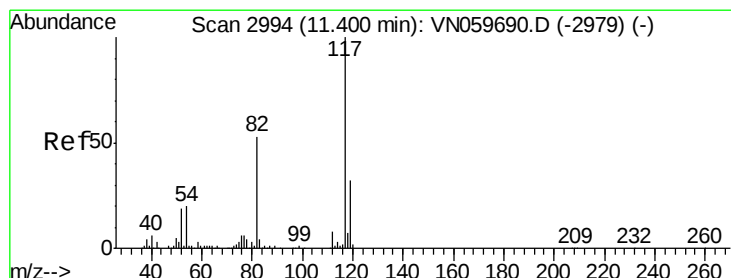
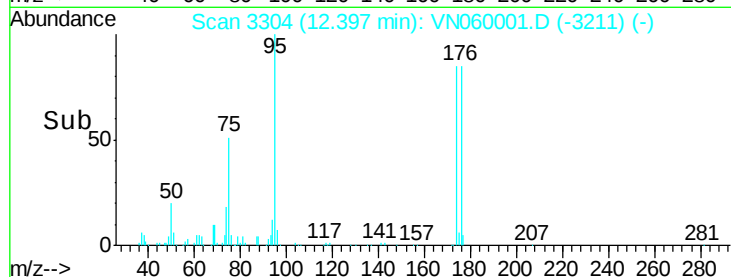
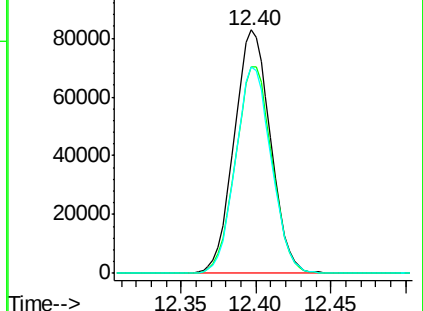
176 83.5 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN060001.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060001.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060001.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060001.D

Acq: 4 Feb 2020 17:50

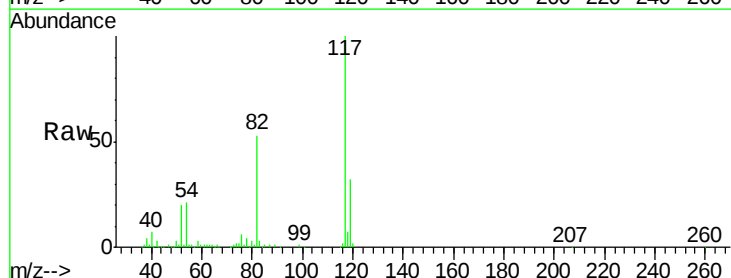
Tgt Ion: 117 Resp: 296509

Ion Ratio Lower Upper

117 100

82 53.5 45.9 68.9

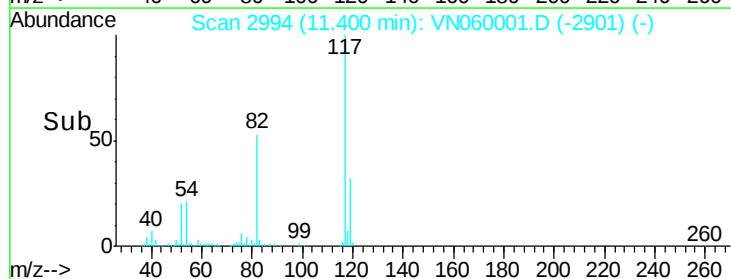
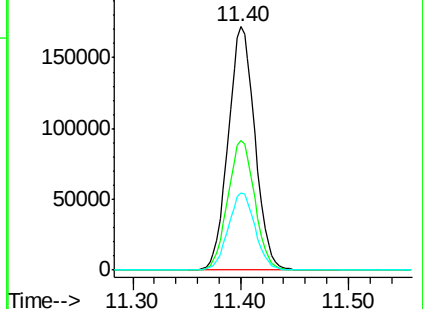
119 31.9 25.5 38.3

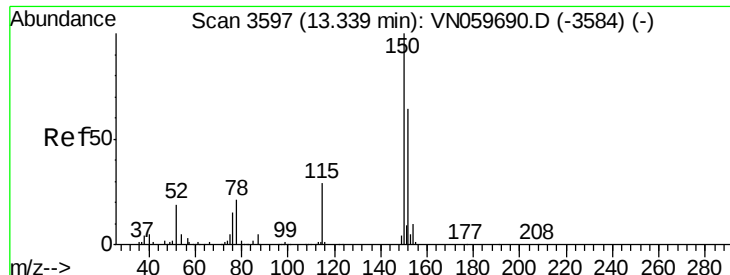


Abundance Ion 116.90 (116.60 to 117.60): VN060001.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060001.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060001.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN060001.D

Acq: 4 Feb 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

PB126559ZHE#14

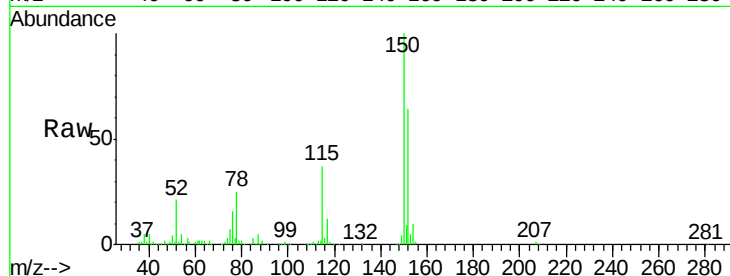
Tot Ion:152 Resp: 137327

Ion Ratio Lower Upper

152 100

115 58.7 30.3 90.9

150 157.3 0.0 345.2



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

