

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011420\
 Data File : VN059704.D
 Acq On : 14 Jan 2020 13:36
 Operator : JC/MD
 Sample : PB126072ZHE#20
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126072ZHE#20

Quant Time: Jan 14 23:04:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

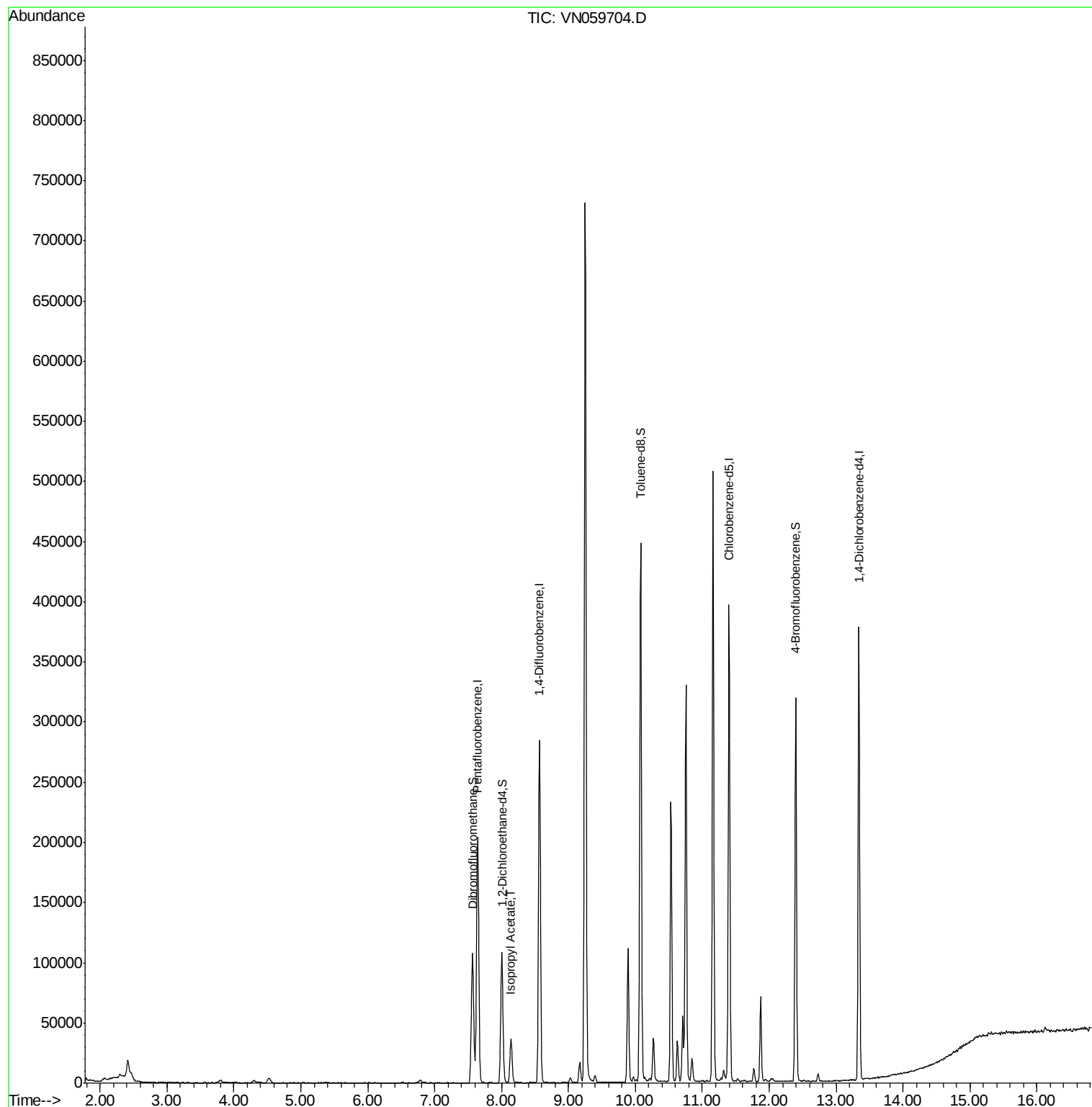
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	180232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	269478	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	234063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	103199	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	94238	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
35) Dibromofluoromethane	7.56	113	83708	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
50) Toluene-d8	10.08	98	304781	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
62) 4-Bromofluorobenzene	12.40	95	108194	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
Target Compounds						
43) Isopropyl Acetate	8.14	43	44425	11.735	ug/l #	Qvalue 91

(#) = 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# 1825

Delta R.T. 0.00 min

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ClientSampleId :

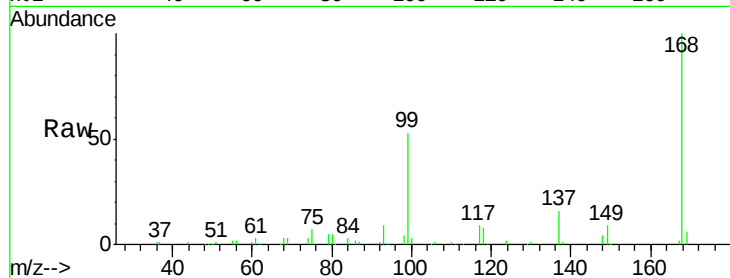
PB126072ZHE#20

Tot Ion:168 Resp: 180232

Ion Ratio Lower Upper

168 100

99 52.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

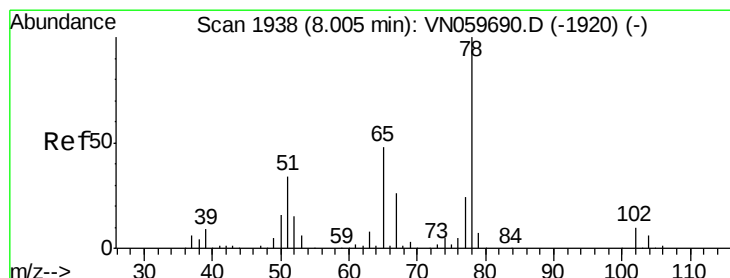
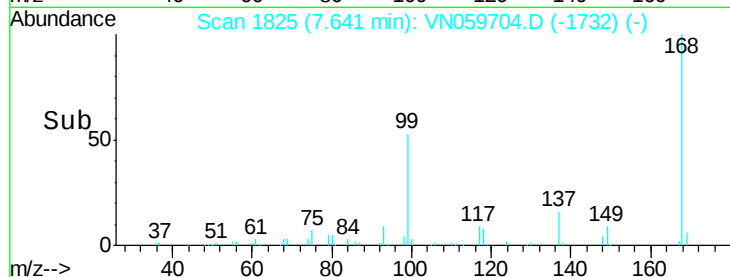
40000

20000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.083 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059704.D

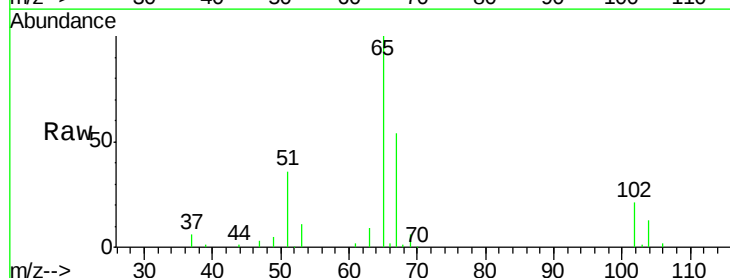
Acq: 14 Jan 2020 13:36

Tgt Ion: 65 Resp: 94238

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.00

40000

30000

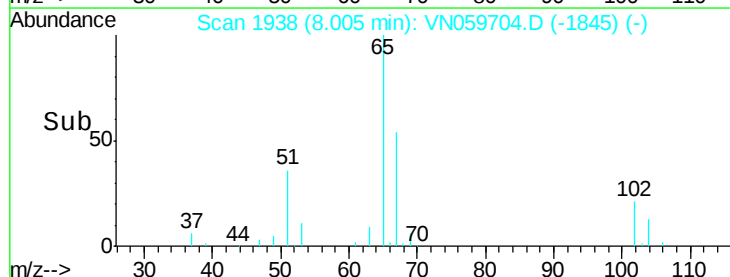
20000

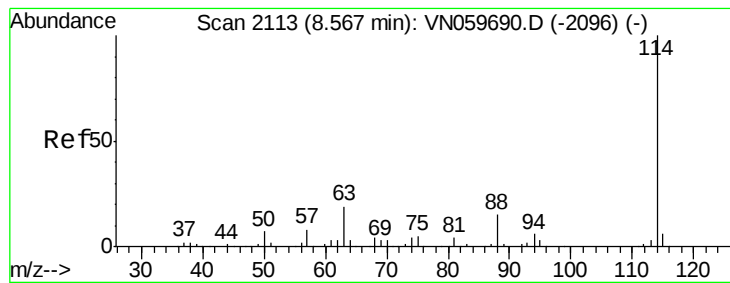
10000

0

7.90 8.00 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN059704.D

Acq: 14 Jan 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

PB126072ZHE#20

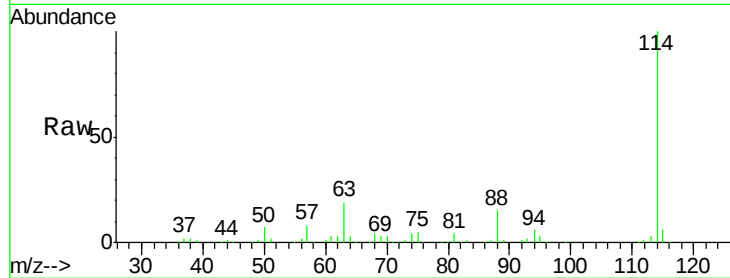
Tot Ion:114 Resp: 269478

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.6

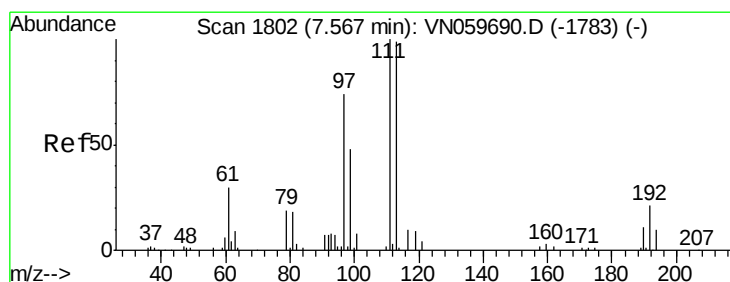
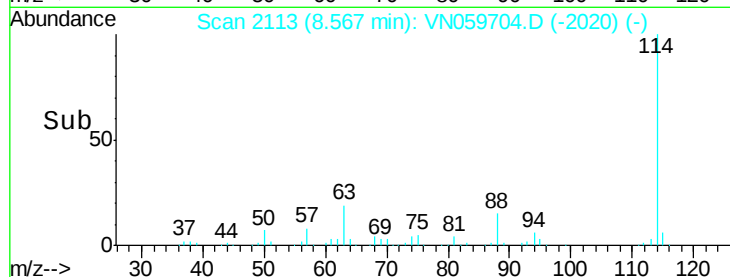
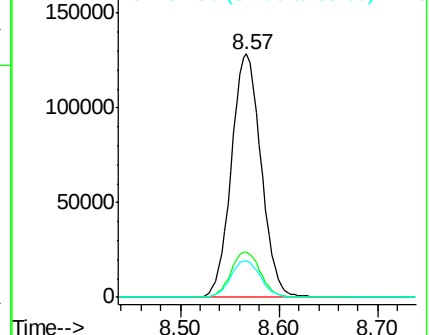
88 15.0 0.0 31.4



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: 52.089 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN059704.D

Acq: 14 Jan 2020 13:36

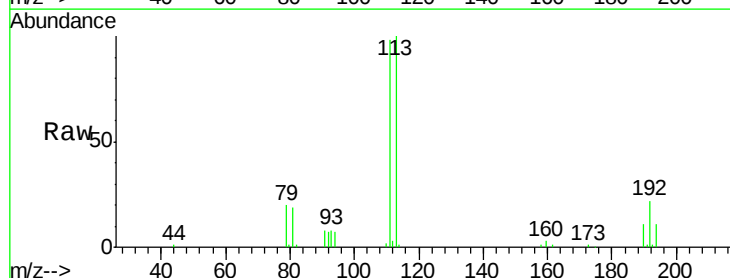
Tgt Ion:113 Resp: 83708

Ion Ratio Lower Upper

113 100

111 100.6 83.5 125.3

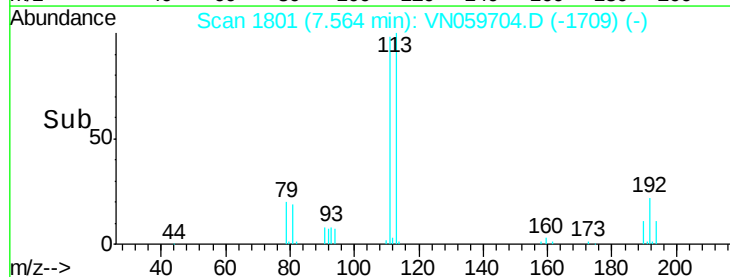
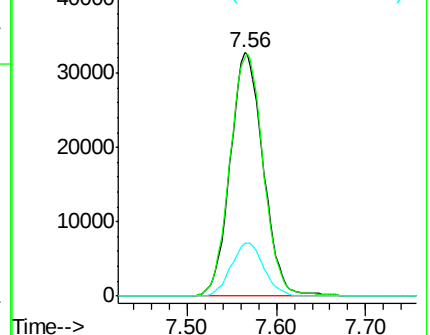
192 21.5 15.4 23.2

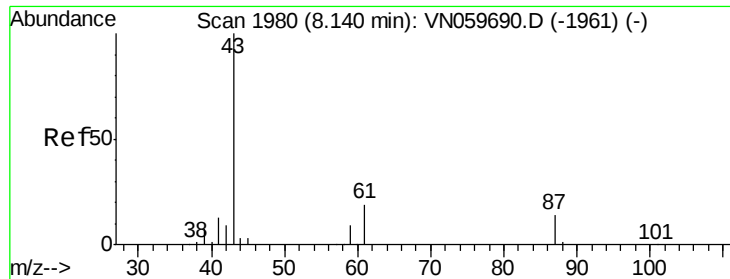


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



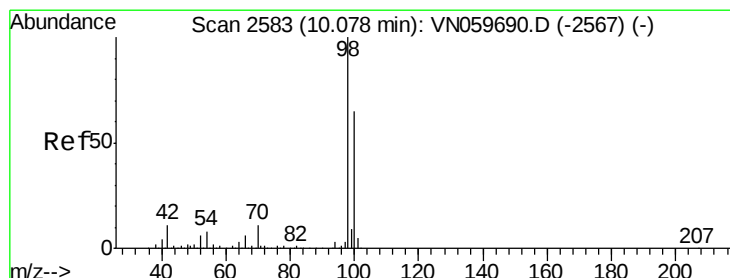
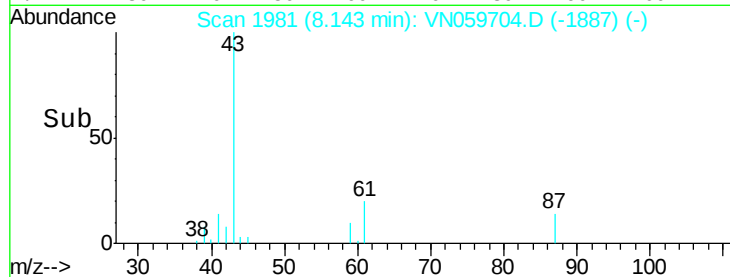
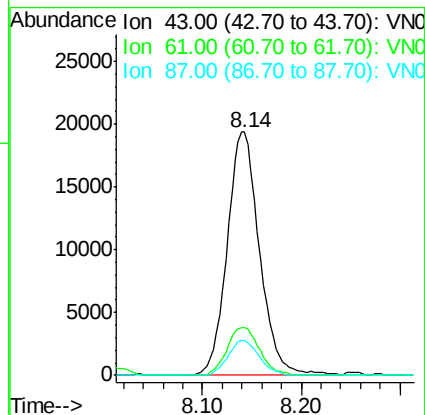
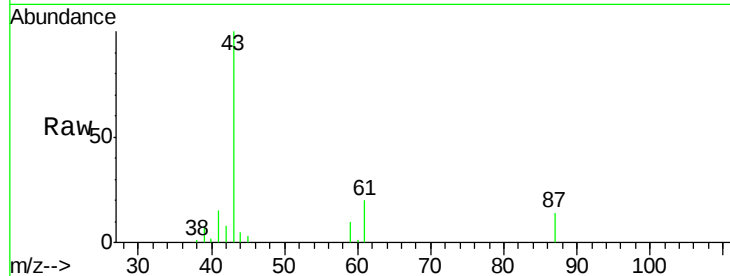


#43

Isopropyl Acetate
 Concen: 11.735 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: VN059704.D
 Acq: 14 Jan 2020 13:36

Instrument :
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 PB126072ZHE#20

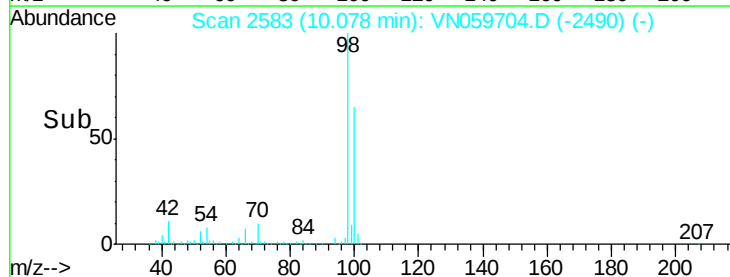
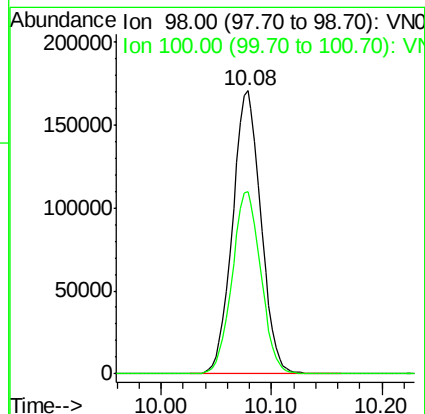
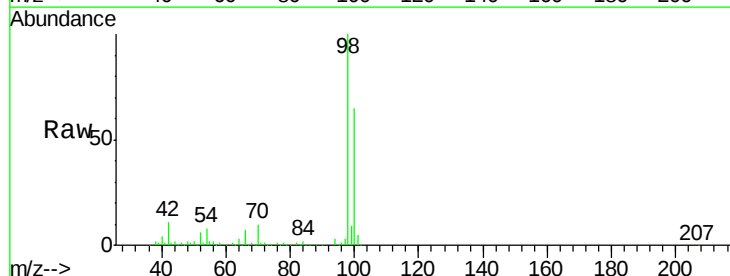
Tot Ion	43	Resp	44425
Ion Ratio	Lower	Upper	
43	100		
61	19.7	20.2	30.2#
87	13.8	9.5	14.3

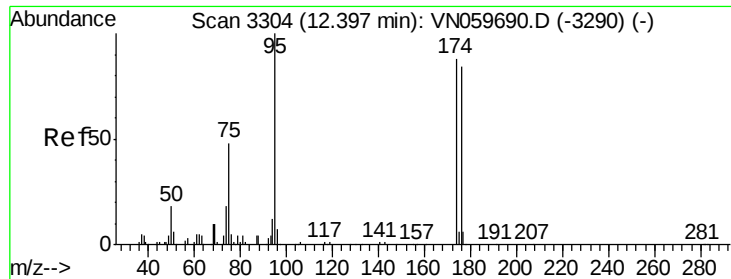


#50

Toluene-d8
 Concen: 48.950 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. 0.00 min
 Lab File: VN059704.D
 Acq: 14 Jan 2020 13:36

Tgt Ion	98	Resp	304781
Ion Ratio	Lower	Upper	
98	100		
100	65.0	51.2	76.8





#62

4-Bromofluorobenzene

Concen: 48.202 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059704.D

Acq: 14 Jan 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

PB126072ZHE#20

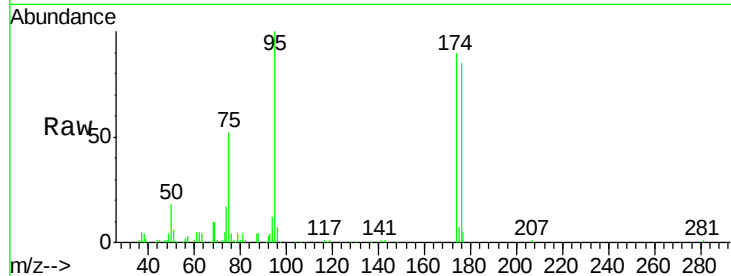
Tot Ion: 95 Resp: 108194

Ion Ratio Lower Upper

95 100

174 87.8 0.0 151.4

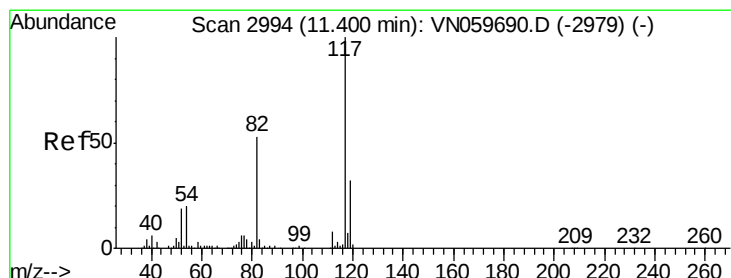
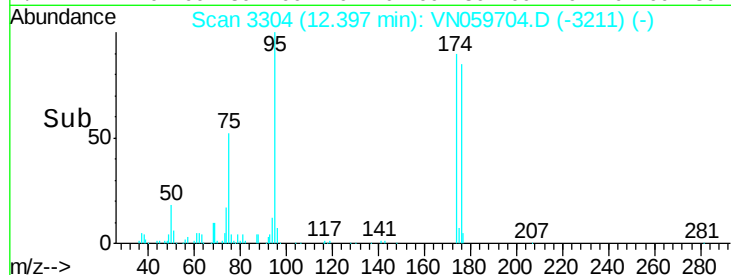
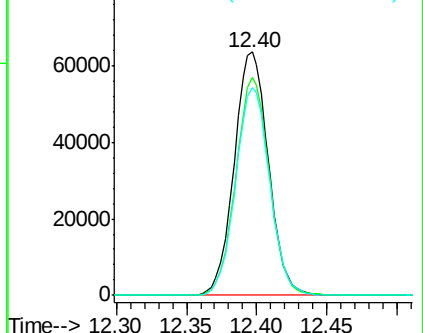
176 85.0 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059704.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059704.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059704.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059704.D

Acq: 14 Jan 2020 13:36

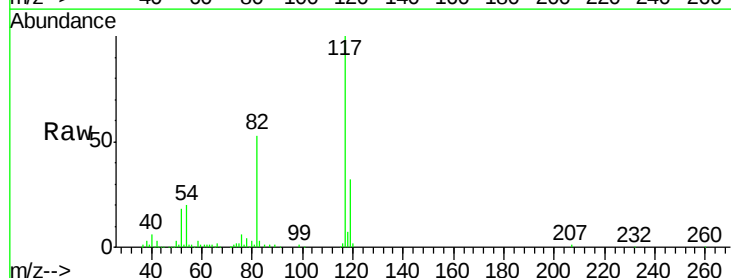
Tgt Ion: 117 Resp: 234063

Ion Ratio Lower Upper

117 100

82 52.5 45.9 68.9

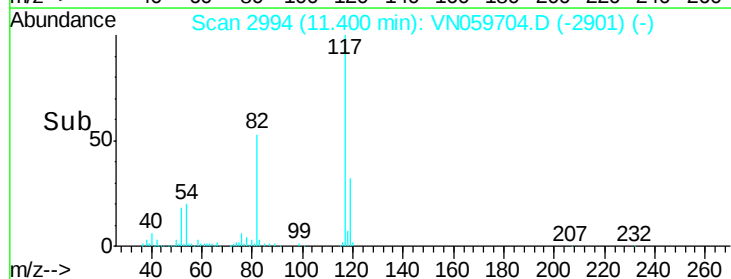
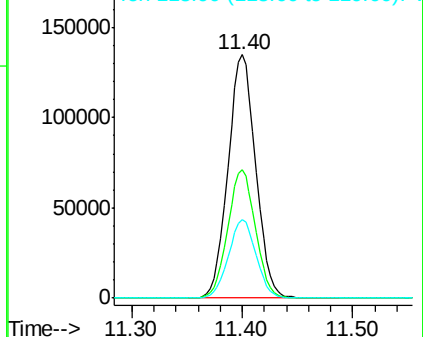
119 32.3 25.5 38.3

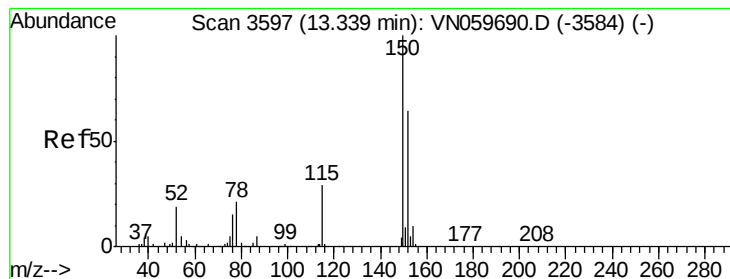


Abundance Ion 116.90 (116.60 to 117.60): VN059704.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN059704.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN059704.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059704.D

Acq: 14 Jan 2020 13:36

Instrument :

MSVOA_N

ClientSampleId :

PB126072ZHE#20

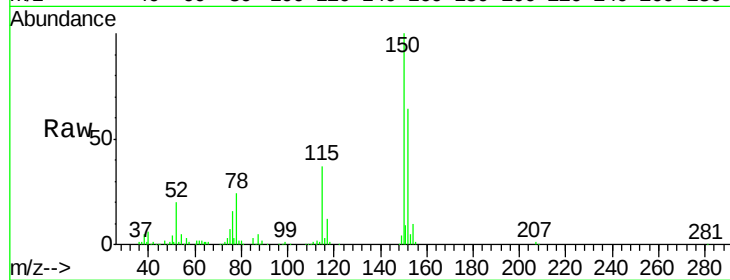
Tot Ion:152 Resp: 103199

Ion Ratio Lower Upper

152 100

115 57.4 30.3 90.9

150 155.7 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

