

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020420\
 Data File : VN059993.D
 Acq On : 4 Feb 2020 14:48
 Operator : JC/MD
 Sample : PB126559TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126559TB

Quant Time: Feb 05 04:58:17 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

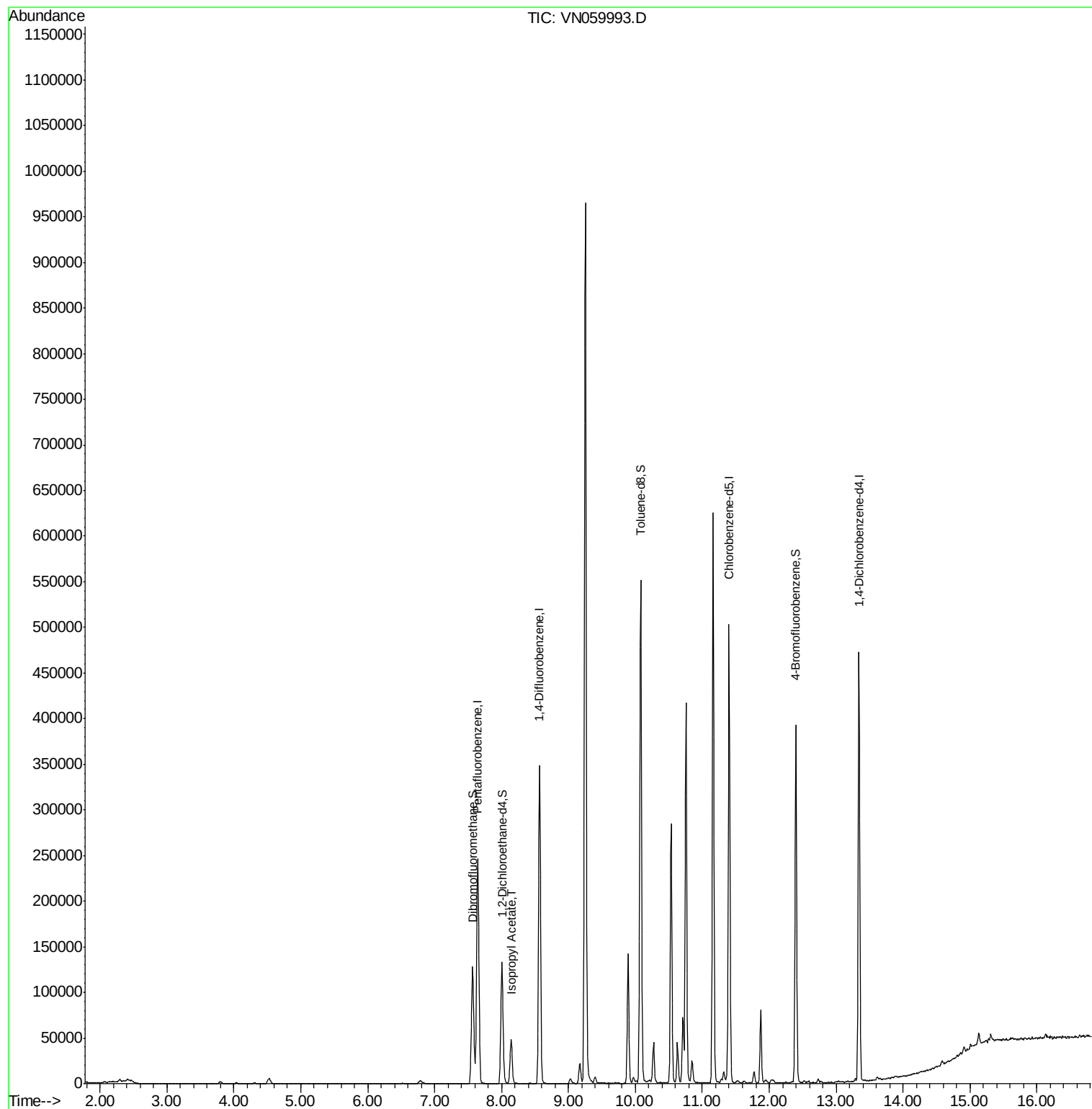
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	208034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	320728	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	289499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	128869	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	116357	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
35) Dibromofluoromethane	7.57	113	97190	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
50) Toluene-d8	10.08	98	380362	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
62) 4-Bromofluorobenzene	12.40	95	133884	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
Target Compounds						
43) Isopropyl Acetate	8.14	43	57766	12.820	ug/l #	91

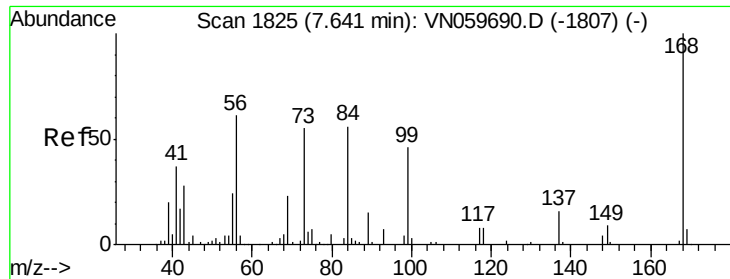
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059993.D

Acq: 4 Feb 2020 14:48

Instrument :

MSVOA_N

ClientSampleId :

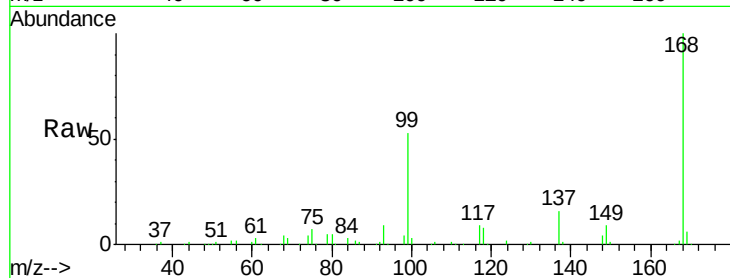
PB126559TB

Tot Ion:168 Resp: 208034

Ion Ratio Lower Upper

168 100

99 52.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

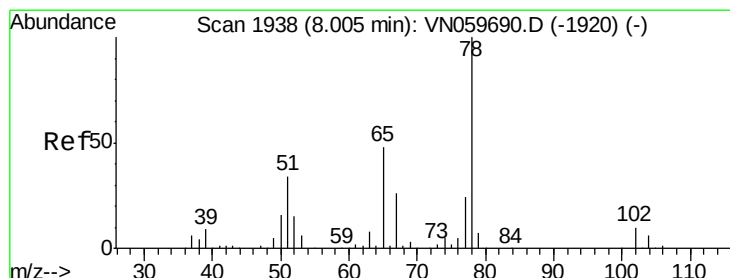
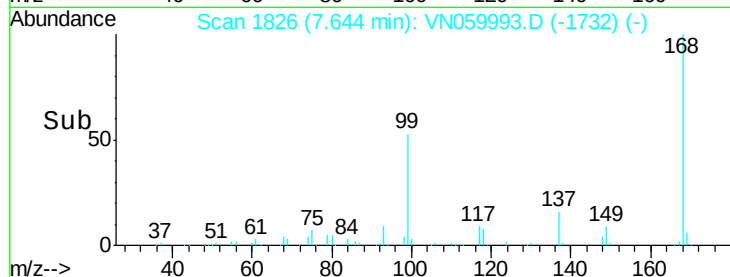
40000

20000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.365 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059993.D

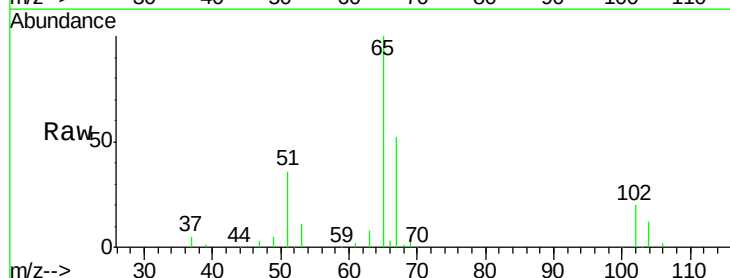
Acq: 4 Feb 2020 14:48

Tgt Ion: 65 Resp: 116357

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.00

50000

40000

30000

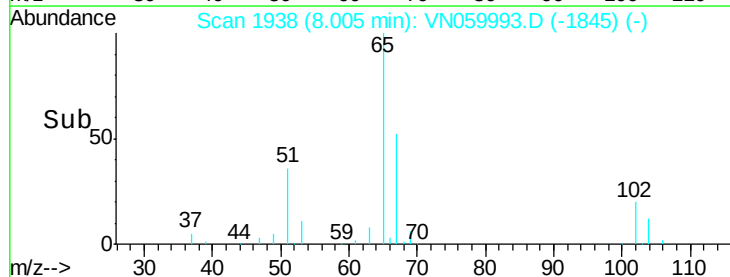
20000

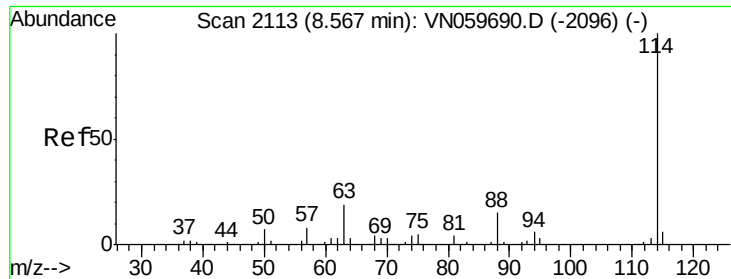
10000

0

7.90 8.00 8.10

Time-->

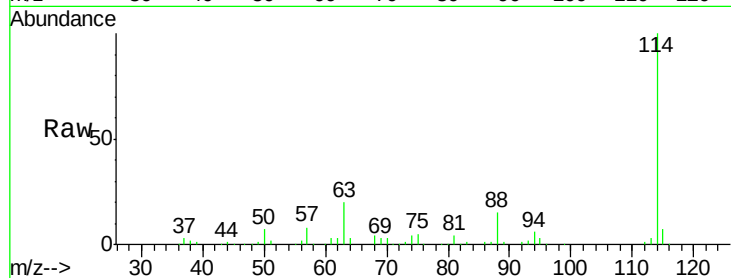




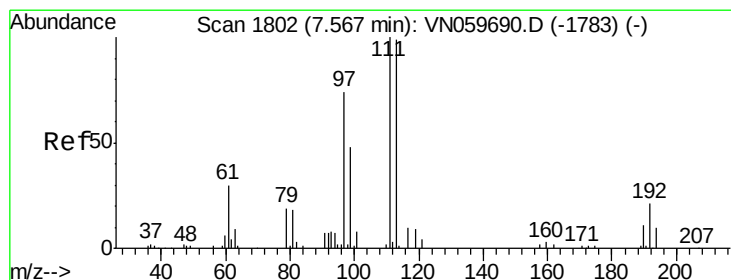
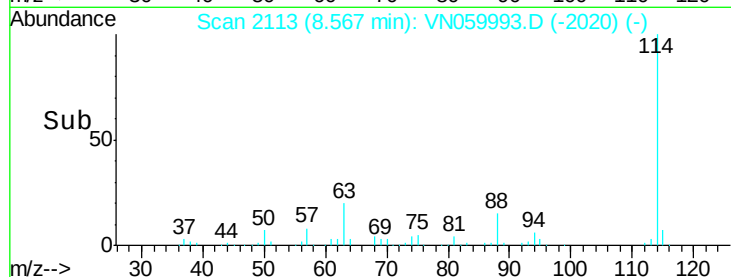
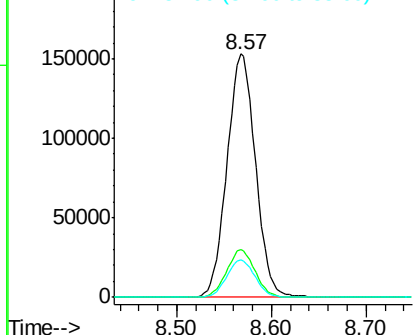
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN059993.D
Acq: 4 Feb 2020 14:48

Instrument :
MSVOA_N
ClientSampleId :
PB126559TB

Tot Ion:114 Resp: 320728
Ion Ratio Lower Upper
114 100
63 19.7 0.0 43.6
88 15.2 0.0 31.4

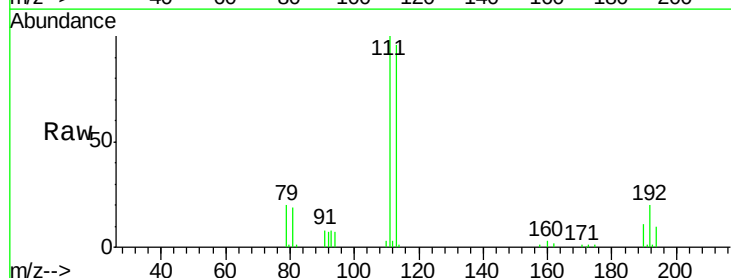


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

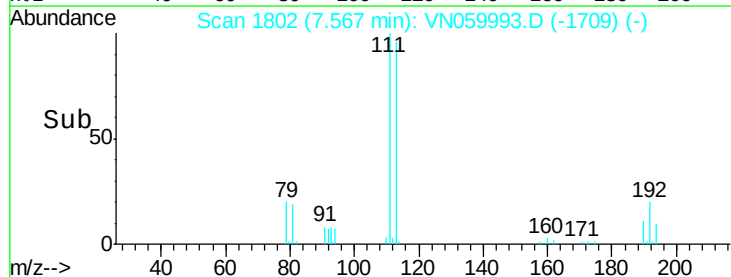
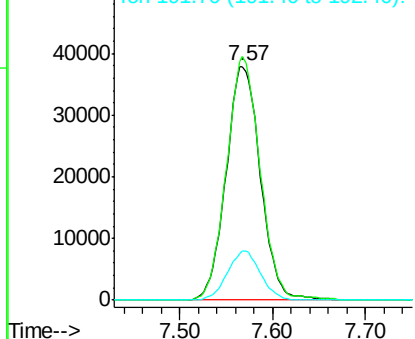


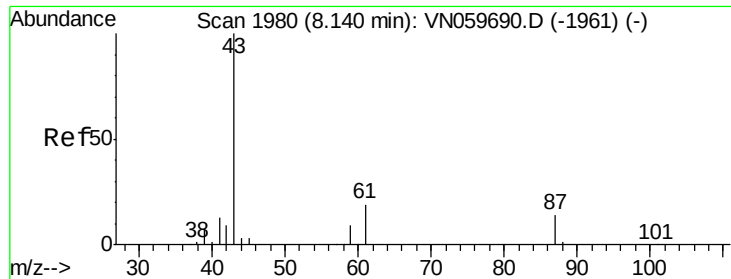
#35
Dibromofluoromethane
Concen: 50.815 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN059993.D
Acq: 4 Feb 2020 14:48

Tgt Ion:113 Resp: 97190
Ion Ratio Lower Upper
113 100
111 102.1 83.5 125.3
192 20.3 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: 12.820 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059993.D

Acq: 4 Feb 2020 14:48

Instrument :

MSVOA_N

ClientSampleId :

PB126559TB

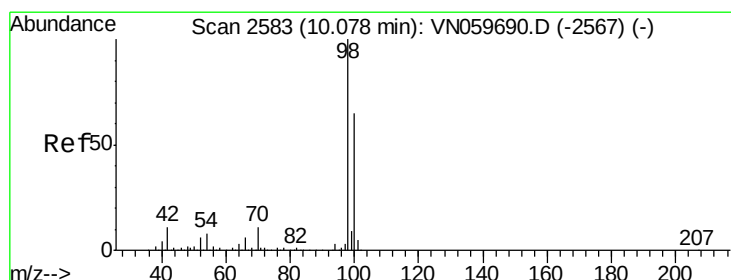
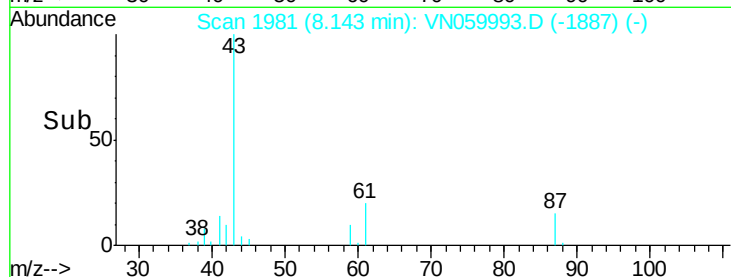
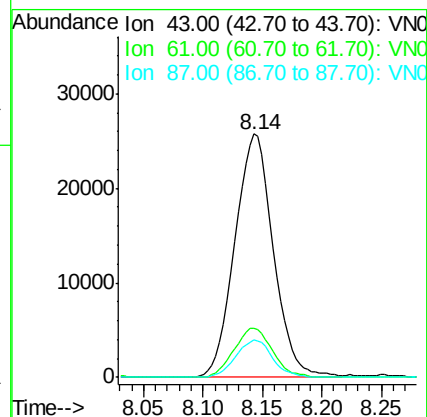
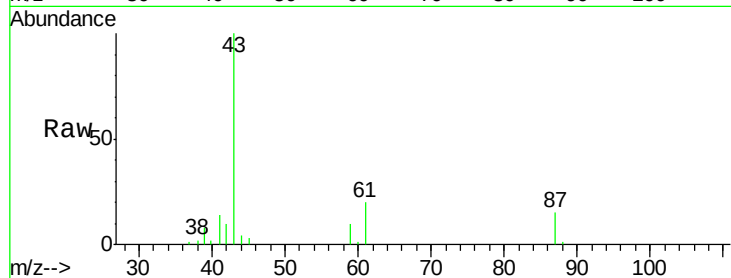
Tot Ion: 43 Resp: 57766

Ion Ratio Lower Upper

43 100

61 20.1 20.2 30.2#

87 14.4 9.5 14.3#



#50

Toluene-d8

Concen: 51.327 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059993.D

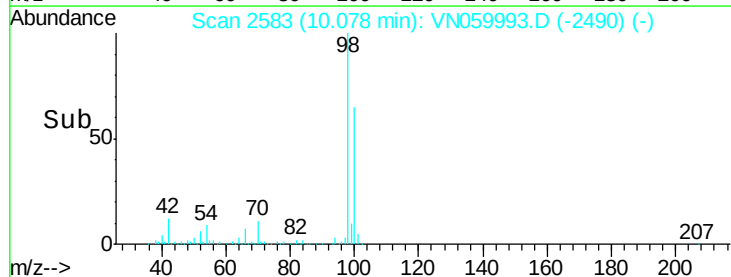
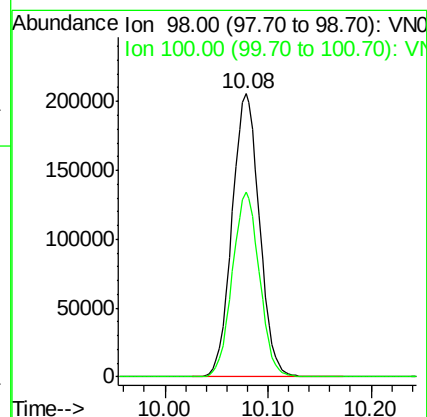
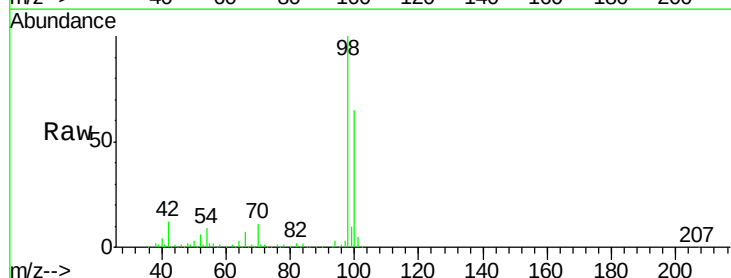
Acq: 4 Feb 2020 14:48

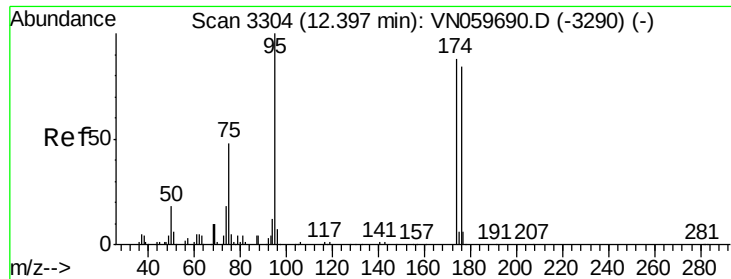
Tgt Ion: 98 Resp: 380362

Ion Ratio Lower Upper

98 100

100 64.5 51.2 76.8

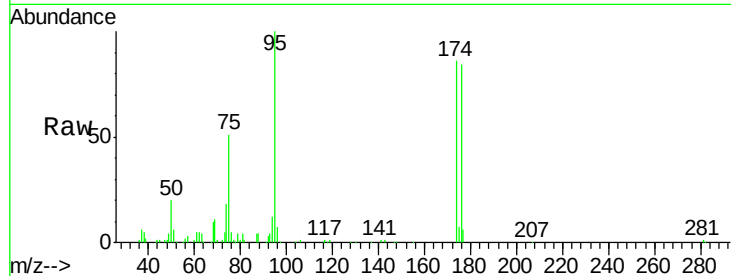




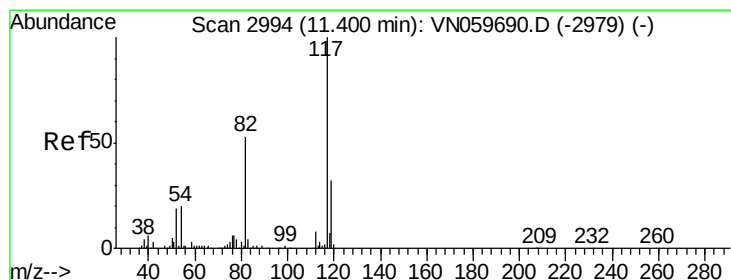
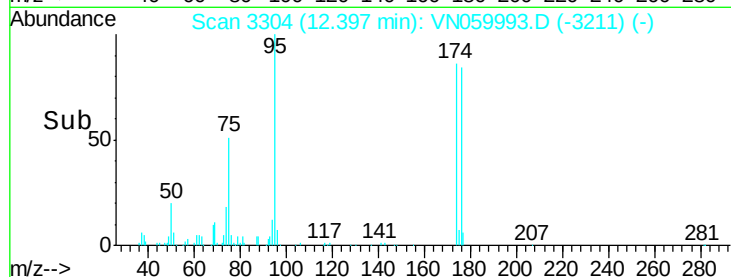
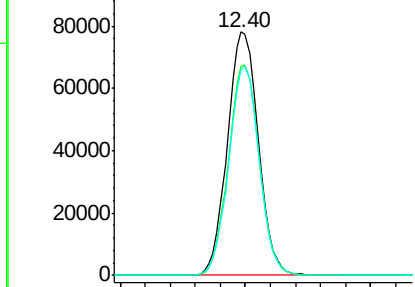
#62
4-Bromofluorobenzene
Concen: 50.116 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059993.D
Acq: 4 Feb 2020 14:48

Instrument :
MSVOA_N
ClientSampled :
PB126559TB

Tot Ion: 95 Resp: 133884
Ion Ratio Lower Upper
95 100
174 86.1 0.0 151.4
176 84.2 0.0 146.0

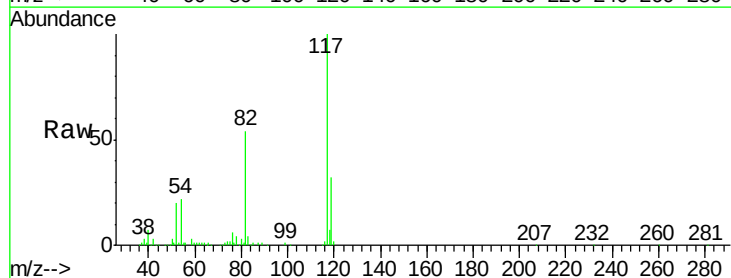


Abundance Ion 94.90 (94.60 to 95.60): VN059993.D (-3211) (-)
Ion 173.80 (173.50 to 174.50): VN059993.D (-3211) (-)
Ion 175.80 (175.50 to 176.50): VN059993.D (-3211) (-)

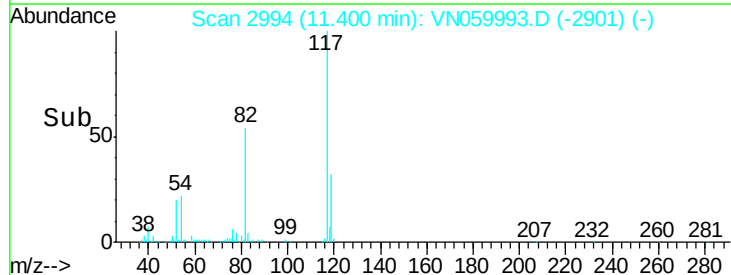
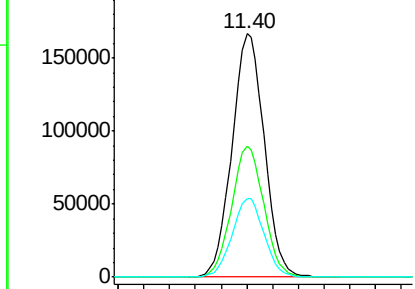


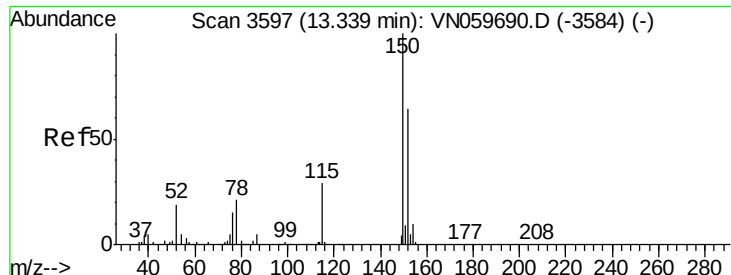
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059993.D
Acq: 4 Feb 2020 14:48

Tgt Ion: 117 Resp: 289499
Ion Ratio Lower Upper
117 100
82 53.8 45.9 68.9
119 32.5 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN059993.D (-2901) (-)
Ion 82.00 (81.70 to 82.70): VN059993.D (-2901) (-)
Ion 118.90 (118.60 to 119.60): VN059993.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: VN059993.D

Acq: 4 Feb 2020 14:48

Instrument :

MSVOA_N

ClientSampleId :

PB126559TB

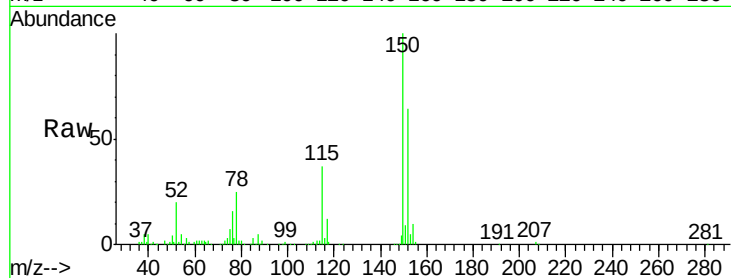
Tot Ion:152 Resp: 128869

Ion Ratio Lower Upper

152 100

115 58.1 30.3 90.9

150 157.2 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

