

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121019\
 Data File : VN059550.D
 Acq On : 10 Dec 2019 16:16
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 11 07:16:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 10 01:09:52 2019
 Response via : Initial Calibration

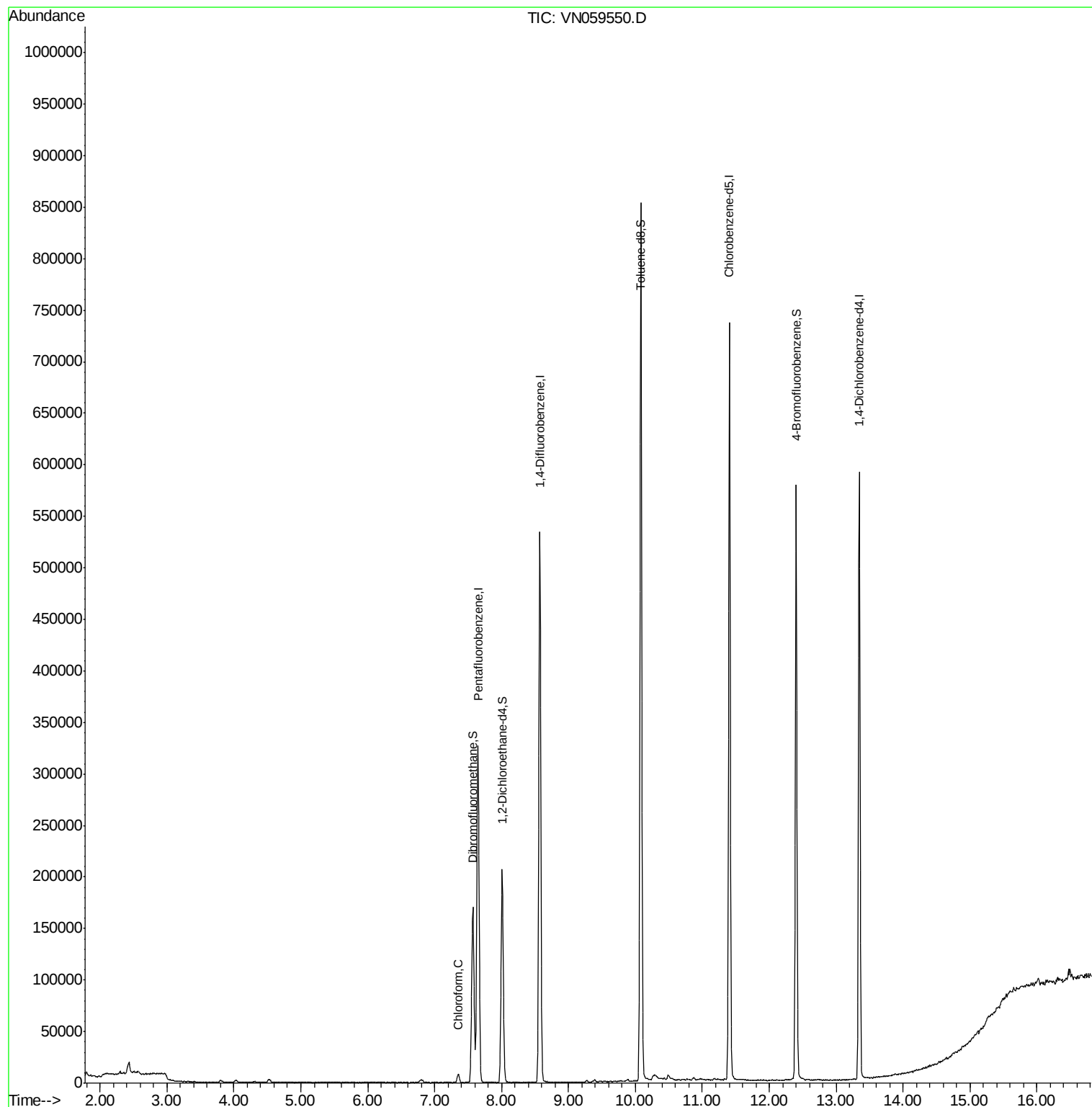
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	254875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	470450	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	441999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	152393	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	182570	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
35) Dibromofluoromethane	7.57	113	131186	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	
50) Toluene-d8	10.08	98	600268	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
62) 4-Bromofluorobenzene	12.40	95	203077	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
Target Compounds						
30) Chloroform	7.35	83	8979	1.649	ug/l	Qvalue 96

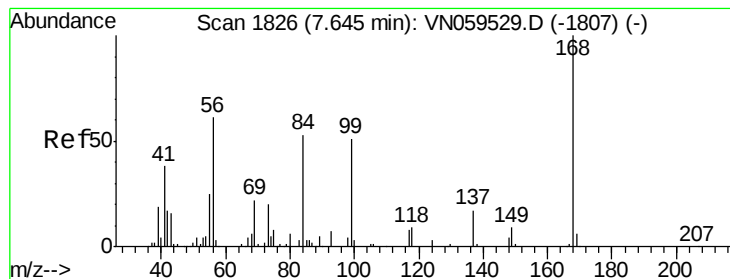
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 10 01:09:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059550.D

Acq: 10 Dec 2019 16:16

Instrument :

MSVOA_N

ClientSampled :

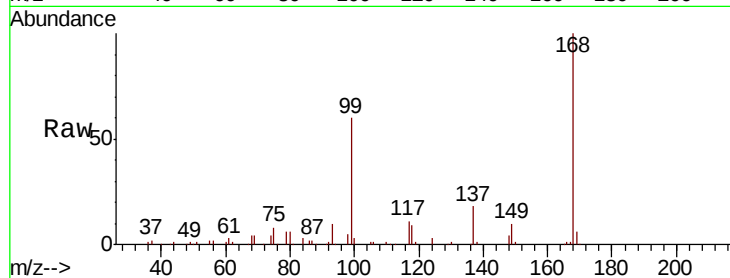
IBLK

Tot Ion:168 Resp: 254875

Ion Ratio Lower Upper

168 100

99 59.9 46.6 70.0



Abundance Ion 167.90 (167.60 to 168.60): VN059529.D

Ion 98.90 (98.60 to 99.60): VN059529.D

7.65

120000

100000

80000

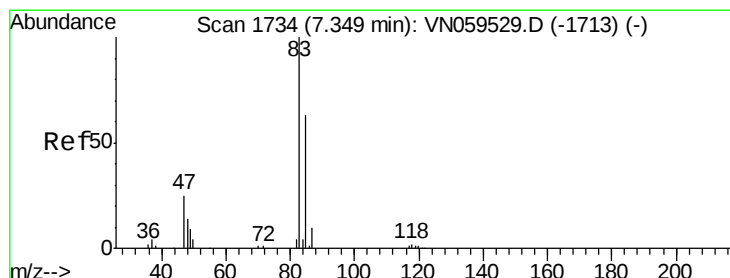
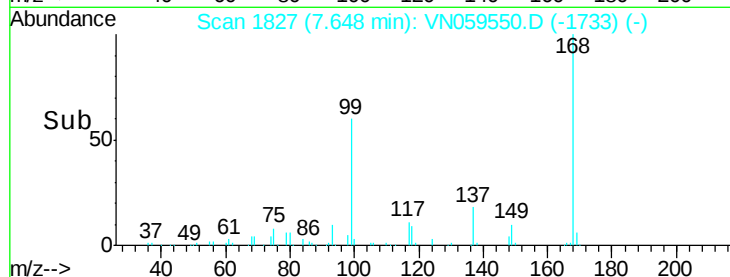
60000

40000

20000

0

Time-->



#30

Chloroform

Concen: 1.649 ug/l

RT: 7.35 min Scan# 1735

Delta R.T. 0.00 min

Lab File: VN059550.D

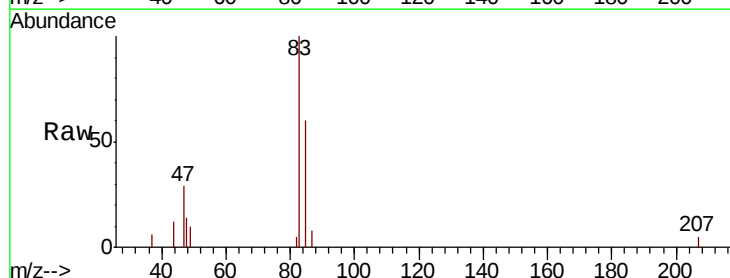
Acq: 10 Dec 2019 16:16

Tgt Ion: 83 Resp: 8979

Ion Ratio Lower Upper

83 100

85 60.2 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VN059529.D

Ion 84.90 (84.60 to 85.60): VN059529.D

7.35

4000

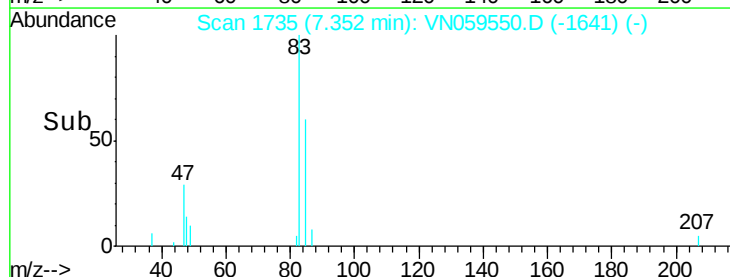
3000

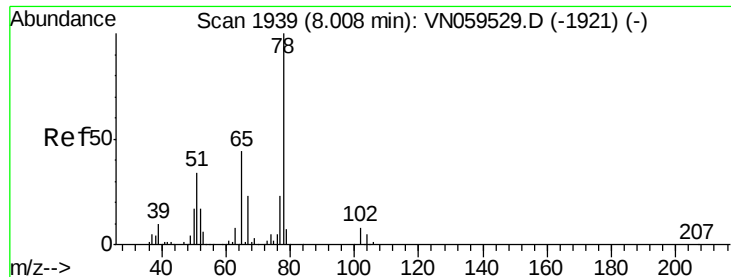
2000

1000

0

Time-->

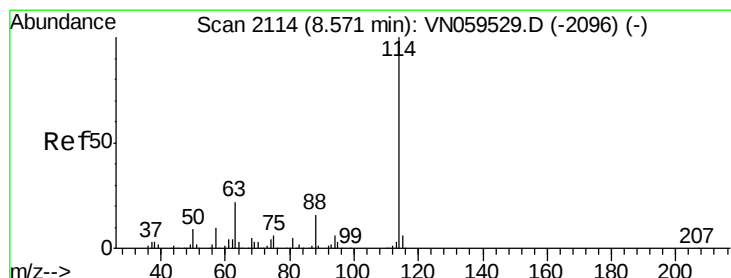
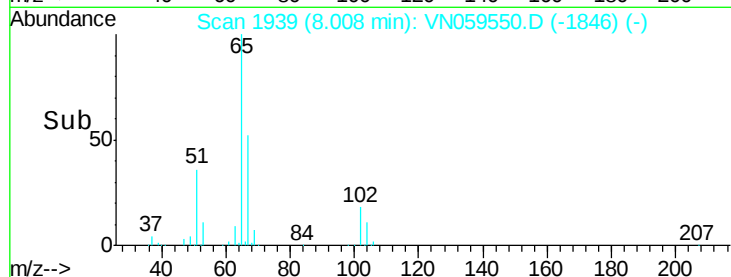
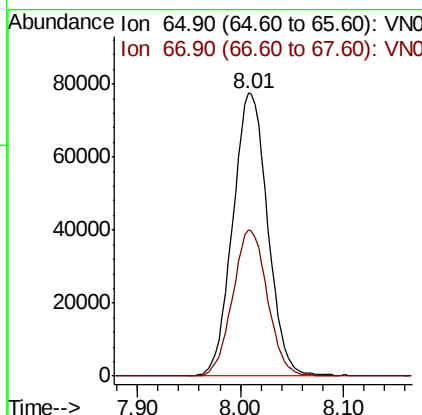
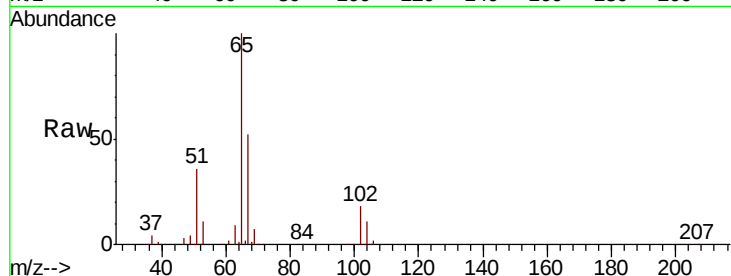




#33
 1,2-Dichloroethane-d4
 Concen: 51.252 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN059550.D
 Acq: 10 Dec 2019 16:16

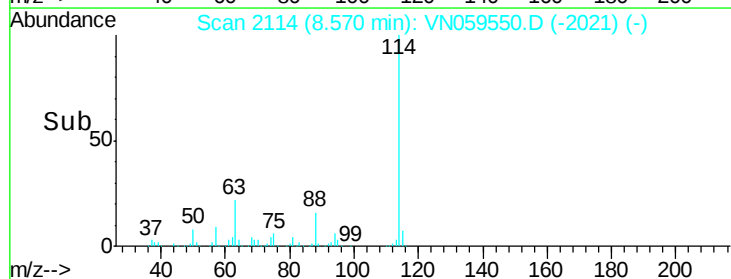
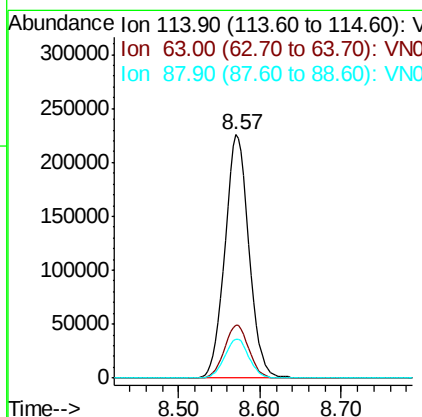
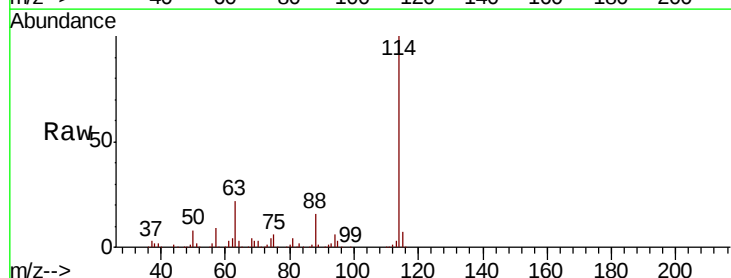
Instrument :
 MSVOA_N
 ClientSampled :
 IBLK

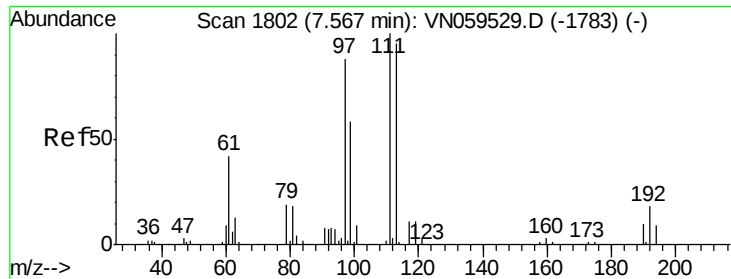
Tot Ion: 65 Resp: 182570
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN059550.D
 Acq: 10 Dec 2019 16:16

Tgt Ion: 114 Resp: 470450
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 45.0
 88 16.2 0.0 32.2

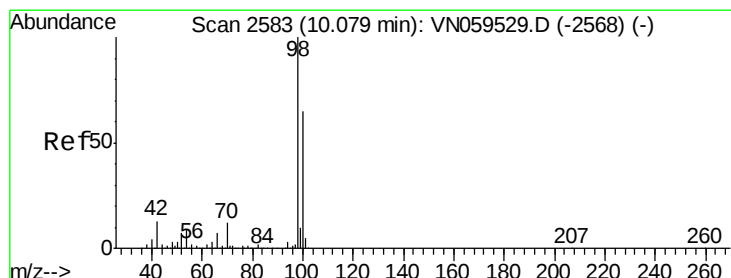
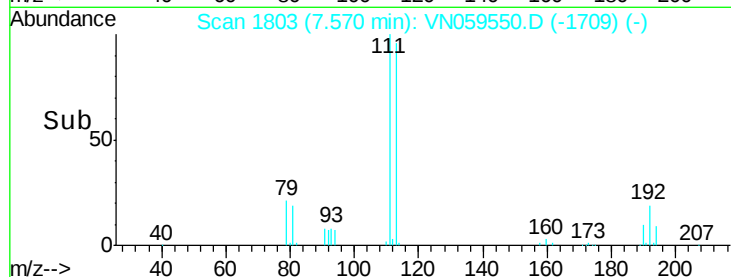
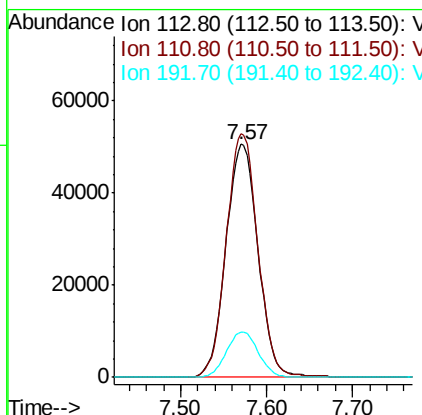
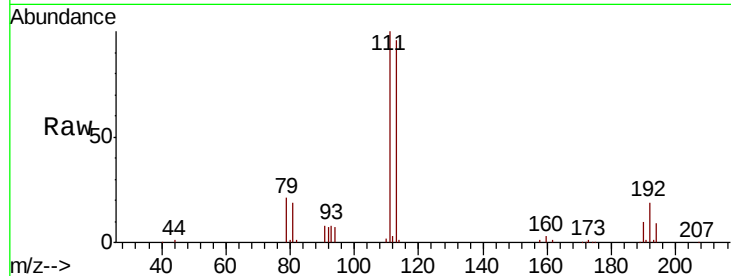




#35
 Dibromofluoromethane
 Concen: 46.729 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059550.D
 Acq: 10 Dec 2019 16:16

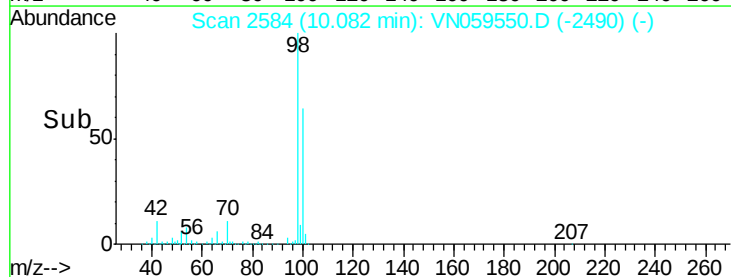
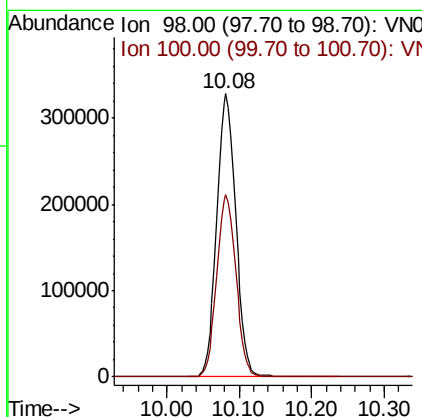
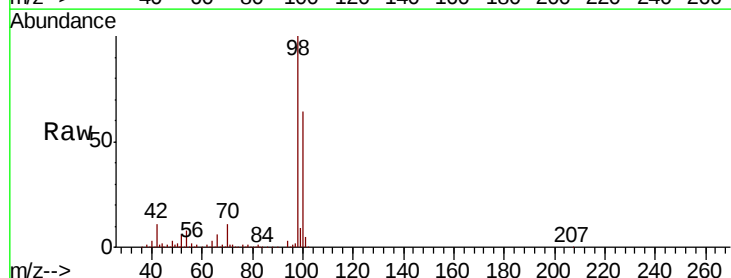
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

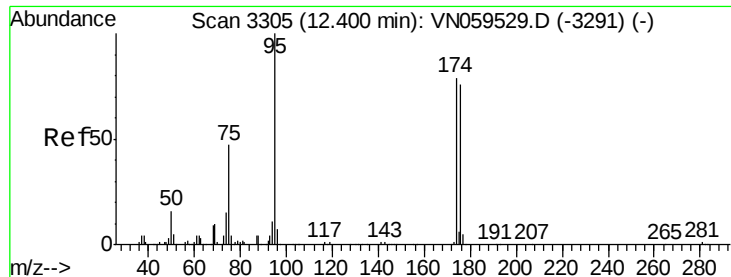
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.4
192	19.3	14.8	22.2



#50
 Toluene-d8
 Concen: 52.373 ug/l
 RT: 10.08 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: VN059550.D
 Acq: 10 Dec 2019 16:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.8	77.8





#62

4-Bromofluorobenzene

Concen: 47.866 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059550.D

Acq: 10 Dec 2019 16:16

Instrument :

MSVOA_N

ClientSampleId :

IBLK

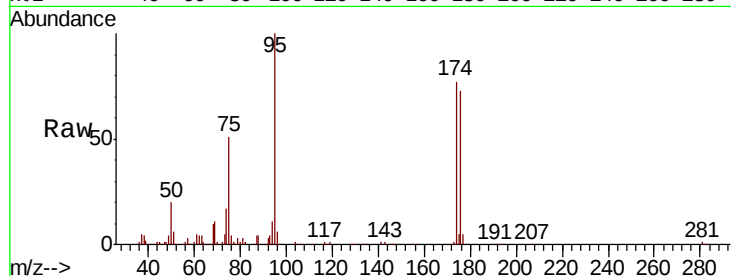
Tot Ion: 95 Resp: 203077

Ion Ratio Lower Upper

95 100

174 77.6 0.0 158.0

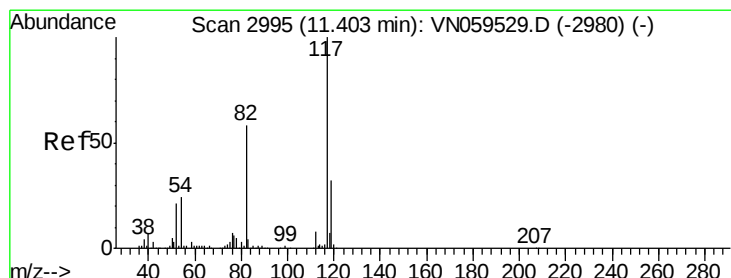
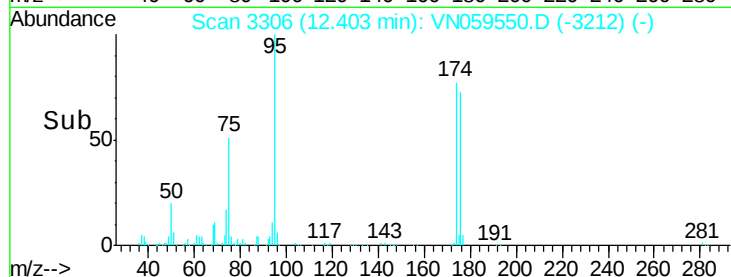
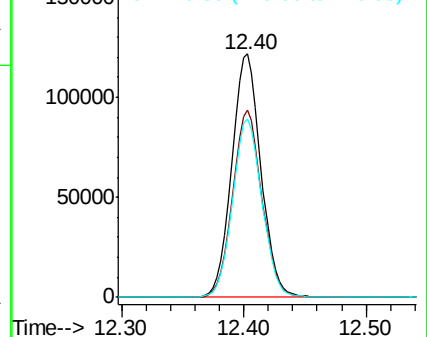
176 74.0 0.0 155.4



Abundance Ion 94.90 (94.60 to 95.60): VN059529.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059529.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059529.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN059550.D

Acq: 10 Dec 2019 16:16

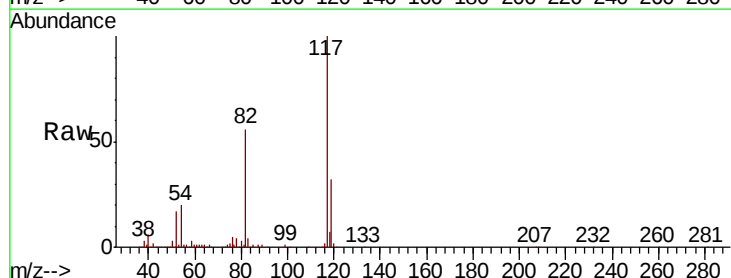
Tgt Ion: 117 Resp: 441999

Ion Ratio Lower Upper

117 100

82 55.8 46.5 69.7

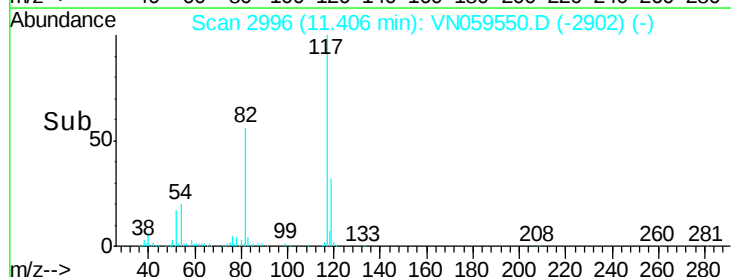
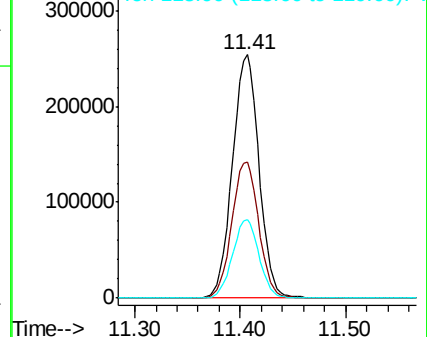
119 32.2 25.2 37.8

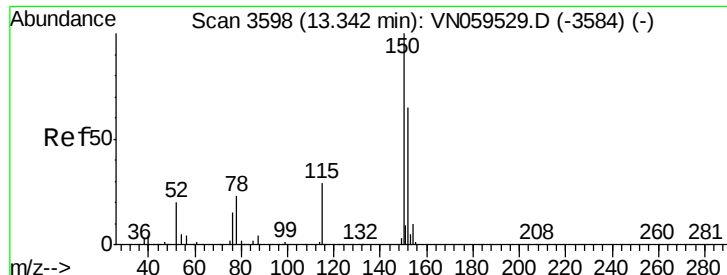


Abundance Ion 116.90 (116.60 to 117.60): VN059529.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN059529.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN059529.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059550.D

Acq: 10 Dec 2019 16:16

Instrument :

MSVOA_N

ClientSampleId :

IBLK

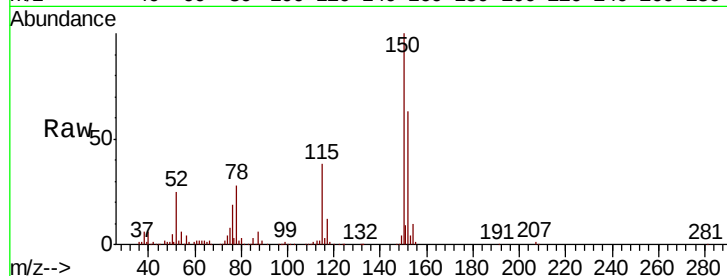
Tot Ion:152 Resp: 152393

Ion Ratio Lower Upper

152 100

115 61.1 29.4 88.2

150 158.6 0.0 342.4



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

