

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121119\
 Data File : VN059563.D
 Acq On : 11 Dec 2019 15:46
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 12 02:32:22 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

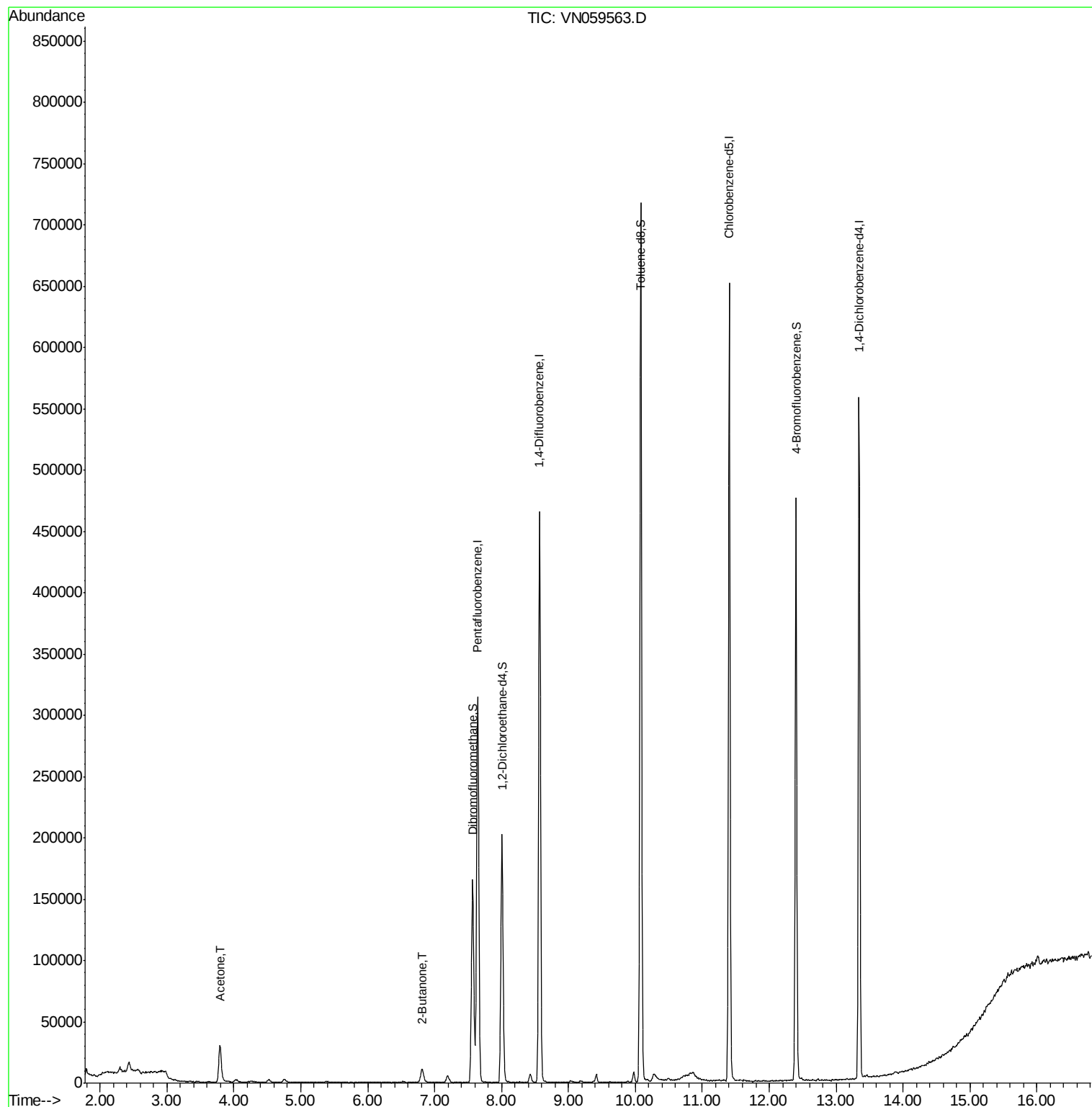
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	247083	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	395346	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	355953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	142475	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	175778	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
35) Dibromofluoromethane	7.57	113	124204	52.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.30%	
50) Toluene-d8	10.08	98	490170	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.40	95	162198	45.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.98%	
Target Compounds						
16) Acetone	3.79	43	52892	32.788	ug/l	96
25) 2-Butanone	6.82	43	18579	8.556	ug/l	97

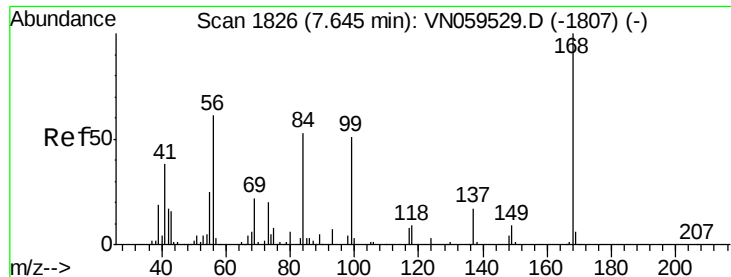
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 10 01:09:52 2019
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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: VN059563.D

Acq: 11 Dec 2019 15:46

Instrument :

MSVOA_N

ClientSampleId :

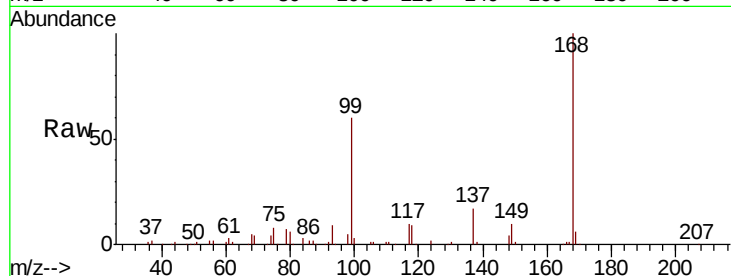
IBLK

Tot Ion:168 Resp: 247083

Ion Ratio Lower Upper

168 100

99 60.0 46.6 70.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

120000

100000

80000

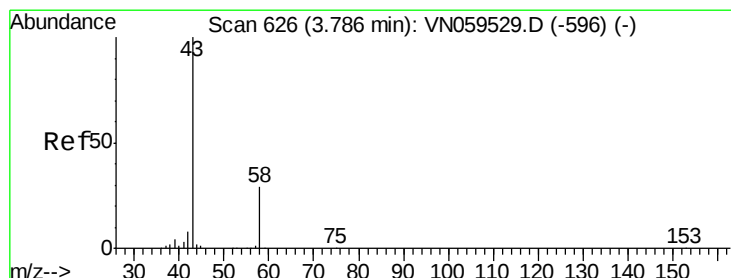
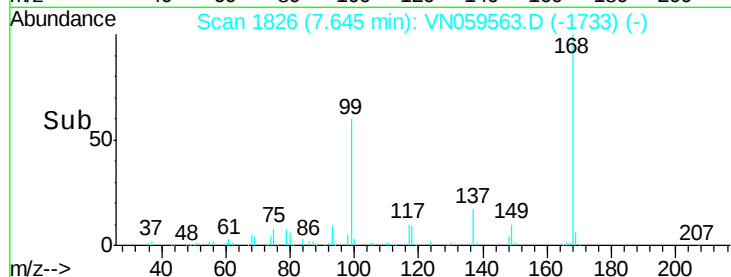
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 32.788 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN059563.D

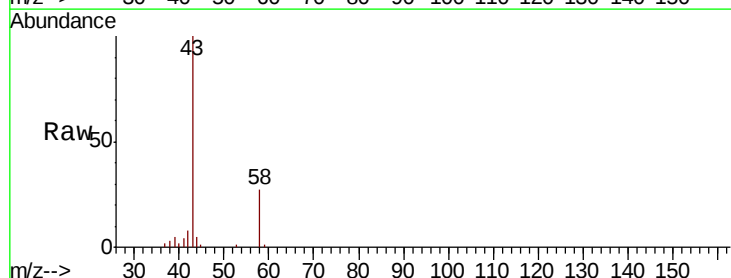
Acq: 11 Dec 2019 15:46

Tgt Ion: 43 Resp: 52892

Ion Ratio Lower Upper

43 100

58 26.8 23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

20000

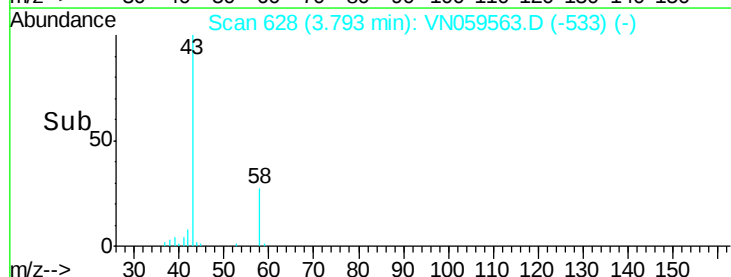
15000

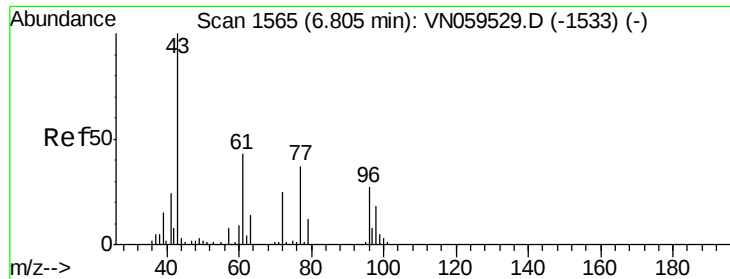
10000

5000

0

Time--> 3.70 3.80 3.90





#25

2-Butanone

Concen: 8.556 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN059563.D

Acq: 11 Dec 2019 15:46

Instrument :

MSVOA_N

ClientSampled :

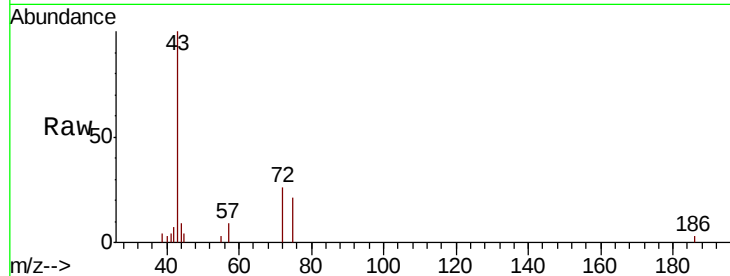
IBLK

Tot Ion: 43 Resp: 18579

Ion Ratio Lower Upper

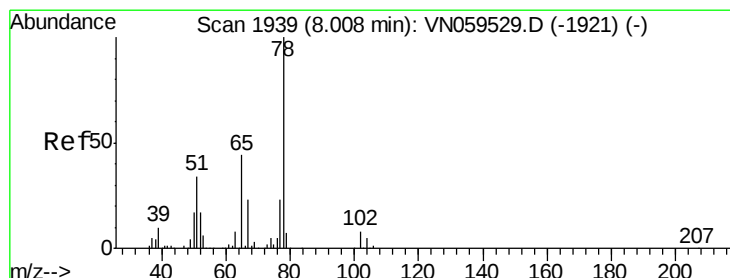
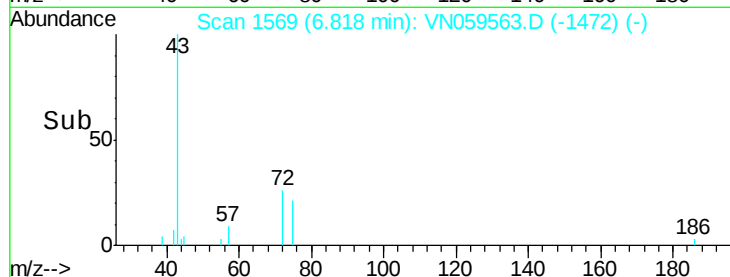
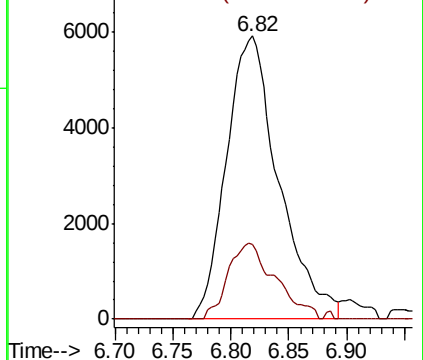
43 100

72 26.4 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.902 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN059563.D

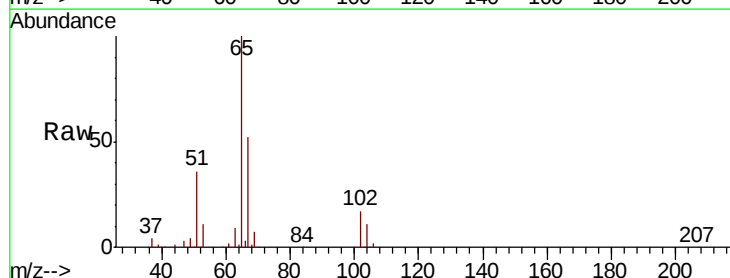
Acq: 11 Dec 2019 15:46

Tgt Ion: 65 Resp: 175778

Ion Ratio Lower Upper

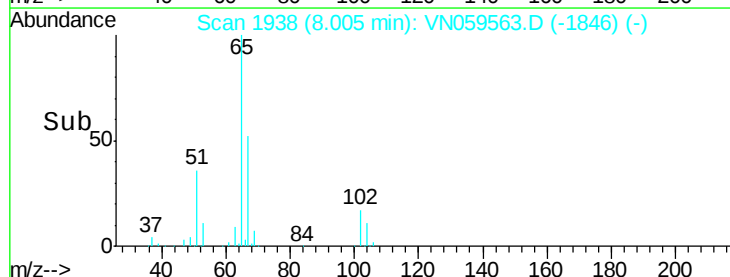
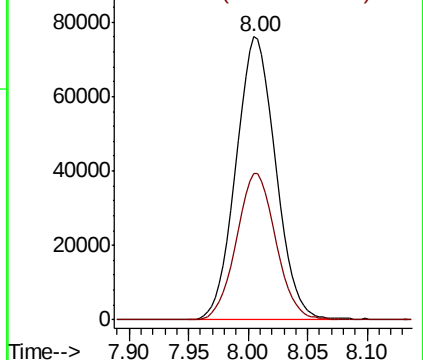
65 100

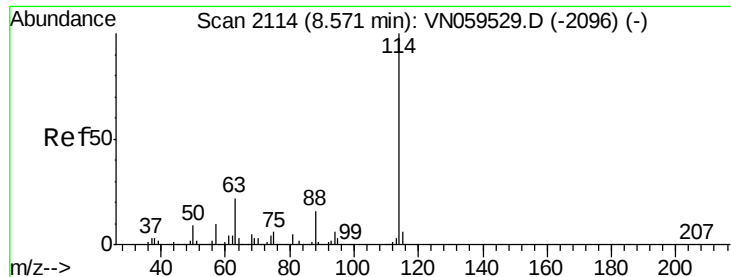
67 51.7 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

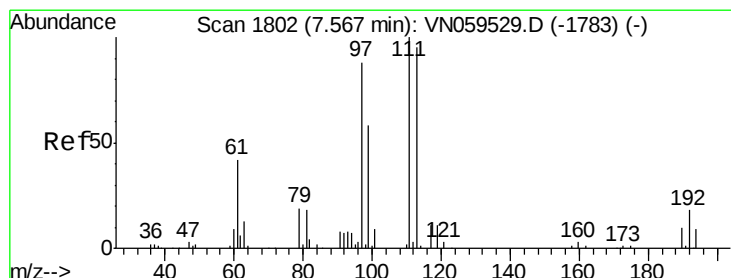
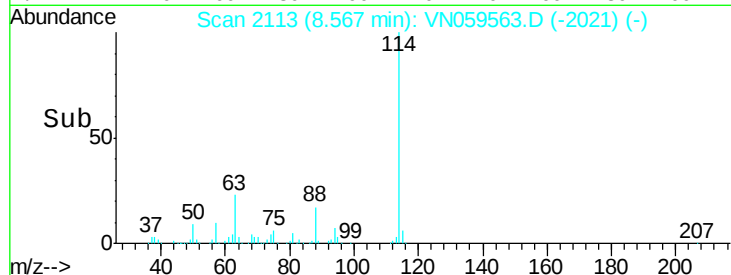
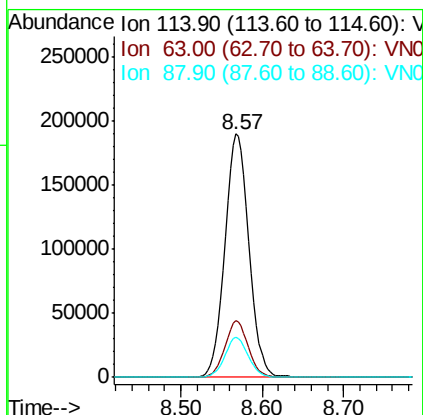
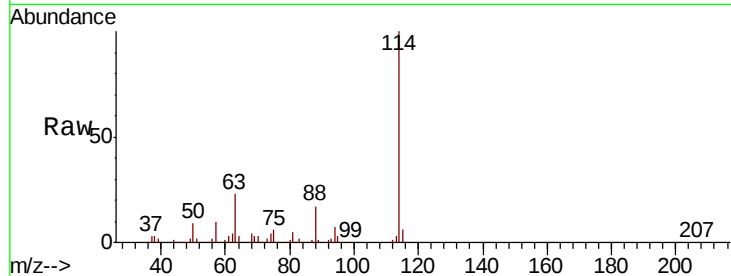




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059563.D
 Acq: 11 Dec 2019 15:46

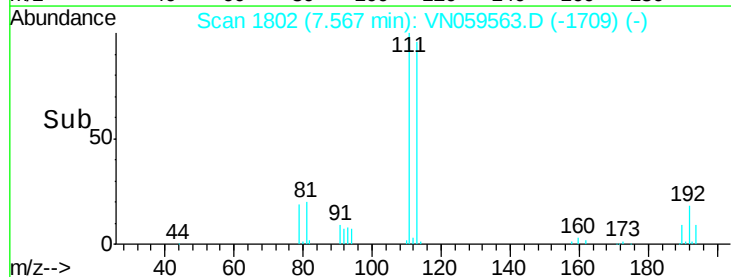
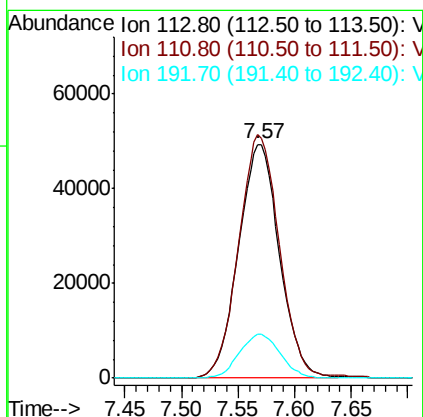
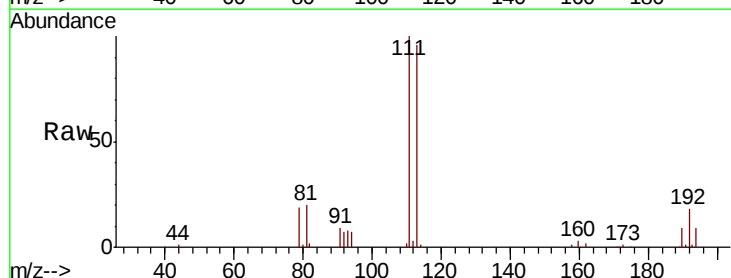
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

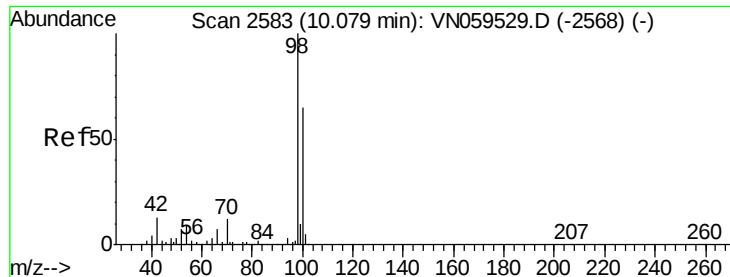
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	45.0
88	16.7	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 52.647 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059563.D
 Acq: 11 Dec 2019 15:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.2	123.4
192	18.8	14.8	22.2





#50

Toluene-d8

Concen: 50.892 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059563.D

Acq: 11 Dec 2019 15:46

Instrument :

MSVOA_N

ClientSampled :

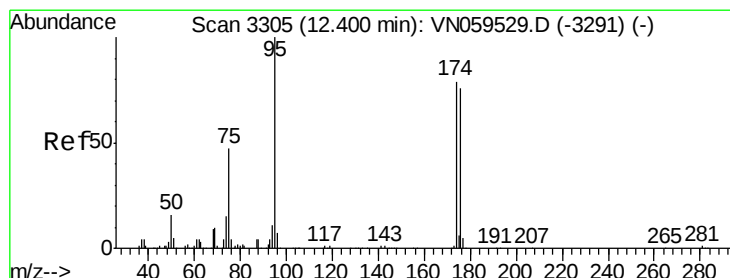
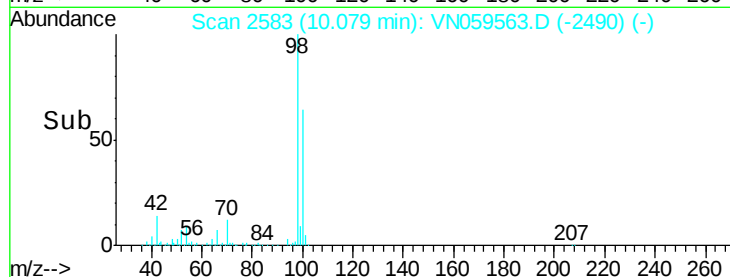
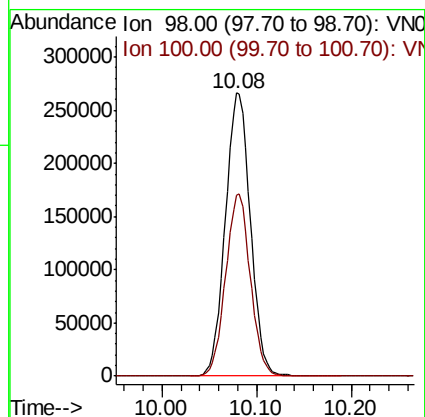
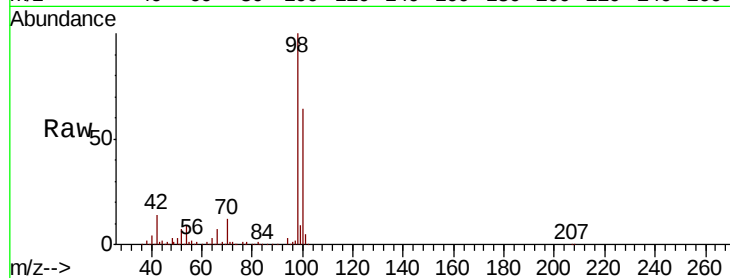
IBLK

Tot Ion: 98 Resp: 490170

Ion Ratio Lower Upper

98 100

100 63.4 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 45.494 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN059563.D

Acq: 11 Dec 2019 15:46

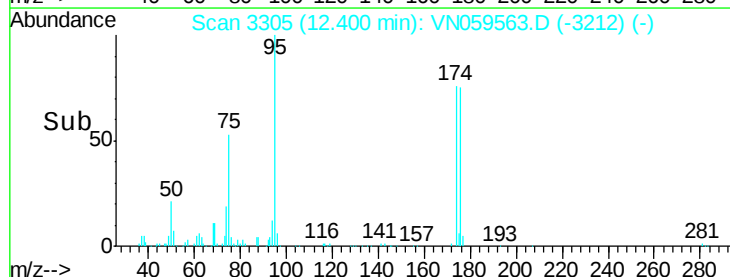
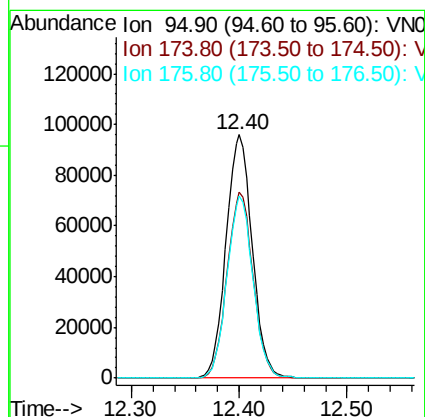
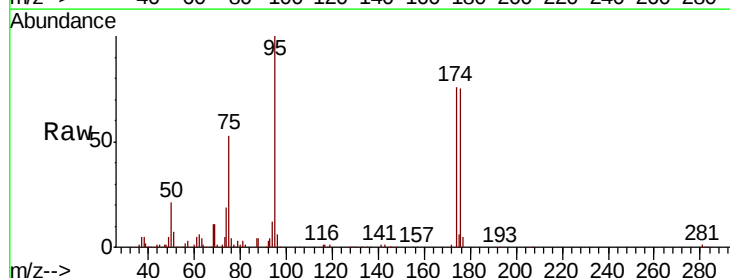
Tgt Ion: 95 Resp: 162198

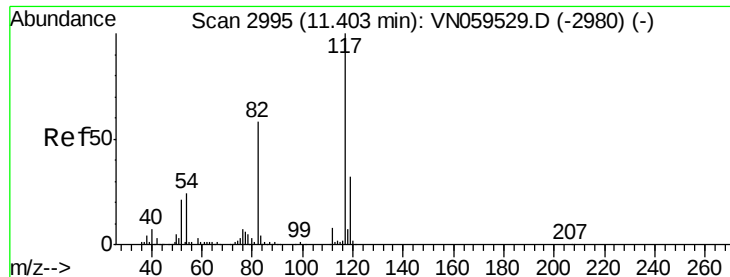
Ion Ratio Lower Upper

95 100

174 76.0 0.0 158.0

176 74.4 0.0 155.4

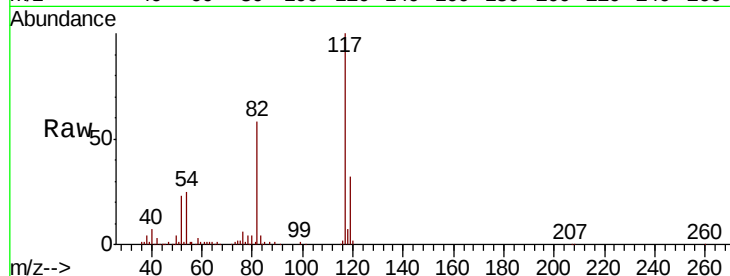




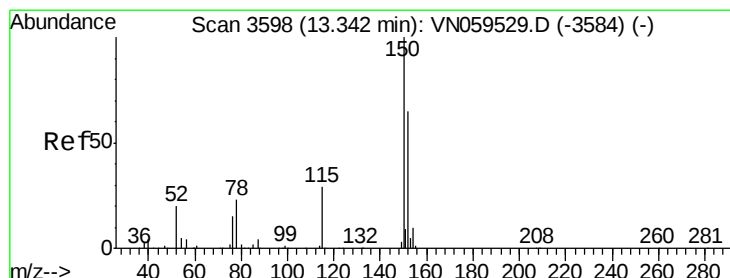
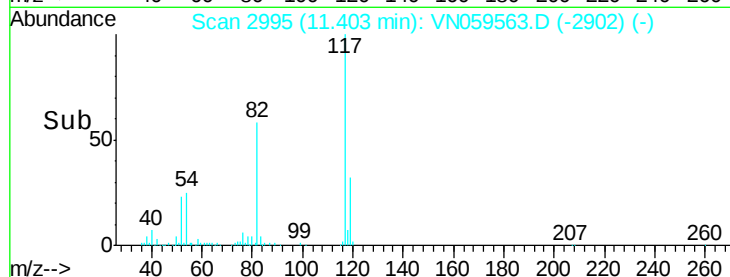
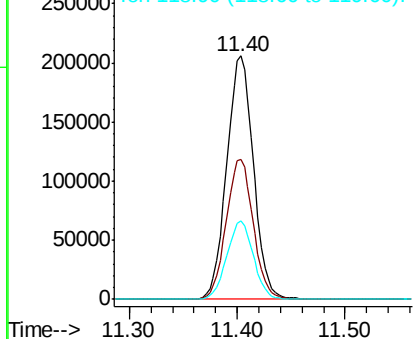
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN059563.D
Acq: 11 Dec 2019 15:46

Instrument :
MSVOA_N
ClientSampled :
IBLK

Tot Ion:117 Resp: 355953
Ion Ratio Lower Upper
117 100
82 57.7 46.5 69.7
119 32.0 25.2 37.8

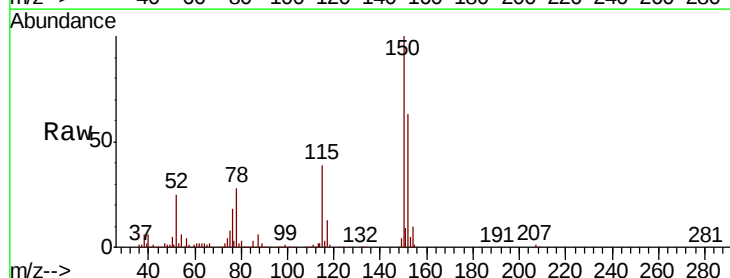


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN059563.D
Acq: 11 Dec 2019 15:46

Tgt Ion:152 Resp: 142475
Ion Ratio Lower Upper
152 100
115 61.6 29.4 88.2
150 158.5 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

