

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121619\
 Data File : VN059609.D
 Acq On : 16 Dec 2019 17:45
 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 17 06:19:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	228874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	366745	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	319694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	123300	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	162776	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
35) Dibromofluoromethane	7.57	113	114216	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	10.08	98	447460	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.40	95	144573	43.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.22%	

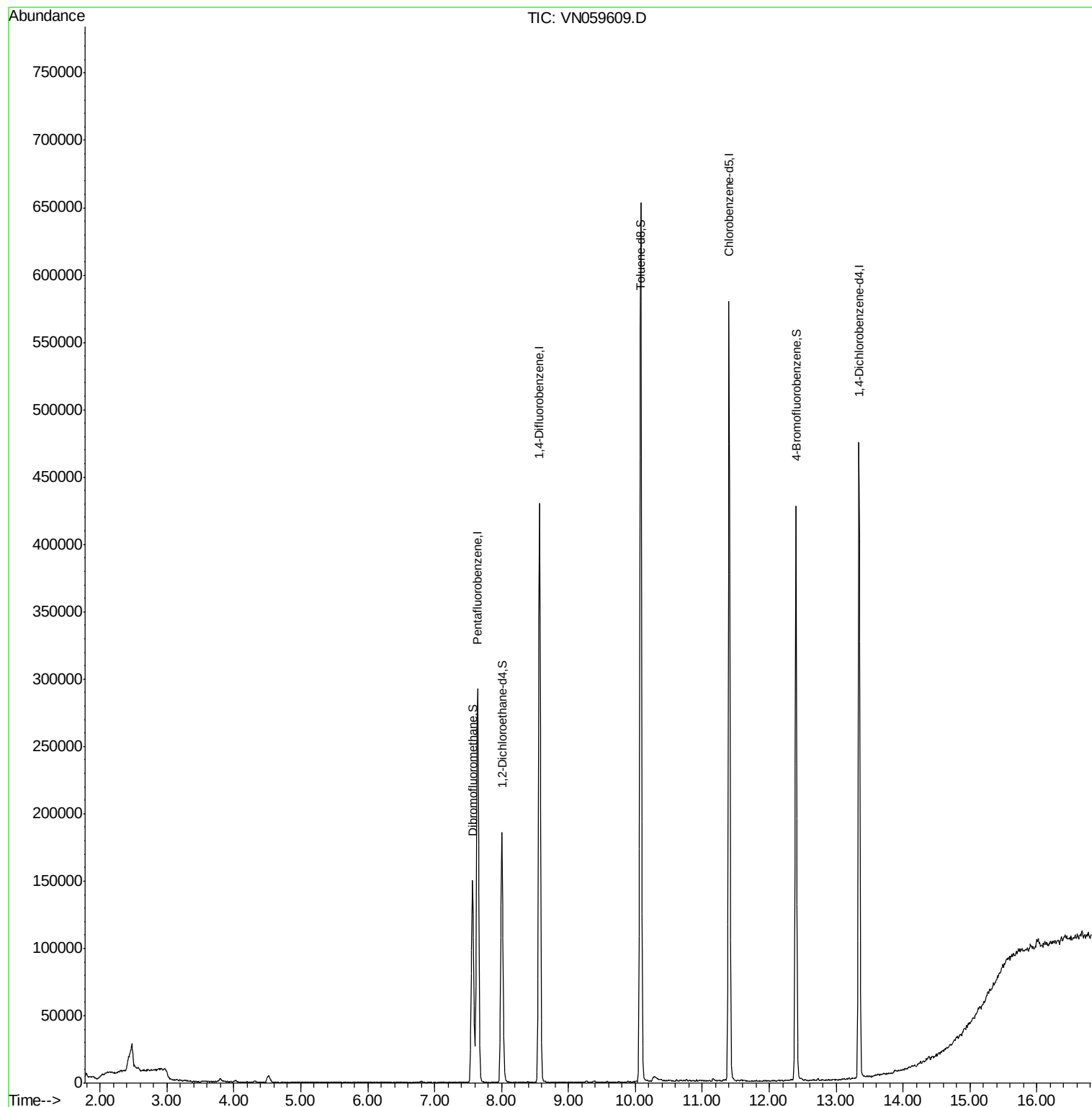
Target Compounds	Qvalue

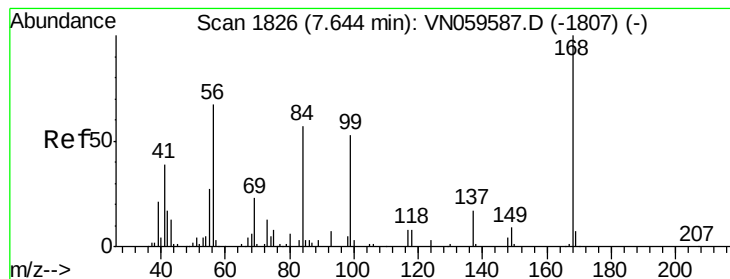
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121619\
Data File : VN059609.D
Acq On : 16 Dec 2019 17:45
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Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Dec 17 06:19:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059609.D

Acq: 16 Dec 2019 17:45

Instrument :

MSVOA_N

ClientSampled :

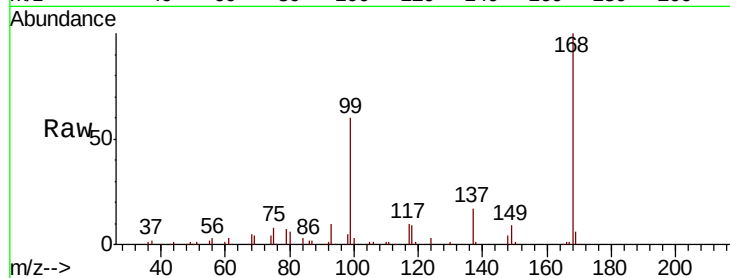
IBLK

Tot Ion:168 Resp: 228874

Ion Ratio Lower Upper

168 100

99 59.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059587.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN059587.D (-1807) (-)

7.64

100000

80000

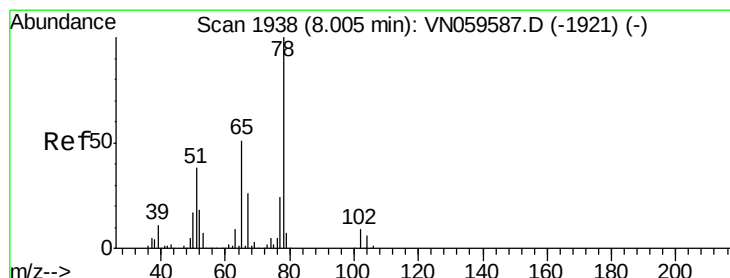
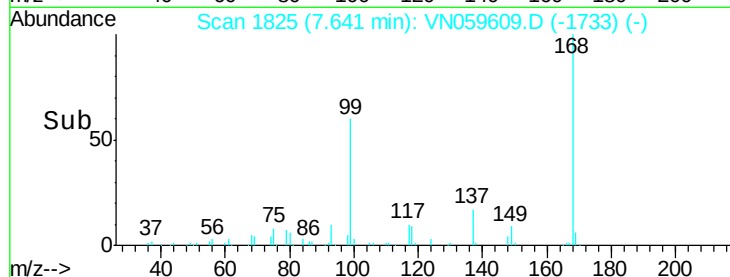
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 48.875 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059609.D

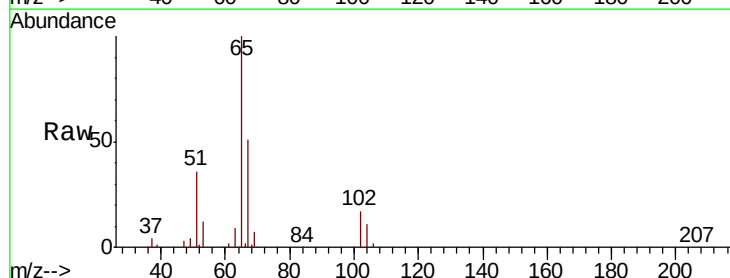
Acq: 16 Dec 2019 17:45

Tgt Ion: 65 Resp: 162776

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN059587.D (-1921) (-)

Ion 66.90 (66.60 to 67.60): VN059587.D (-1921) (-)

8.00

80000

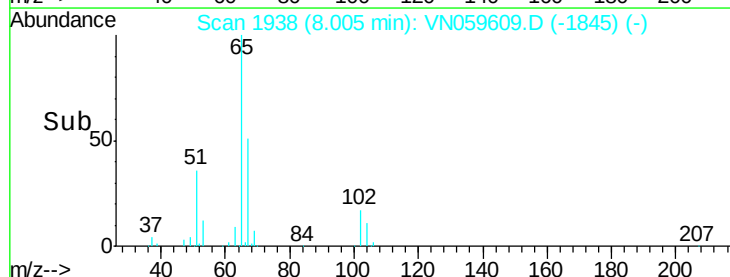
60000

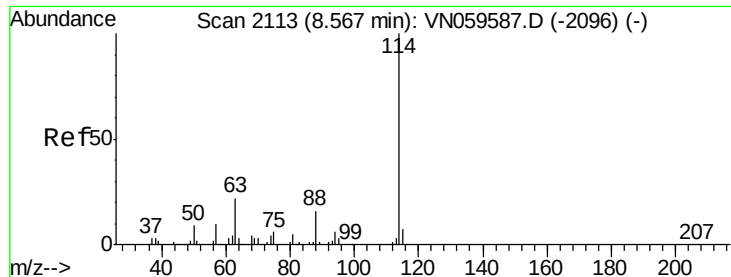
40000

20000

0

Time--> 7.90 8.00 8.10

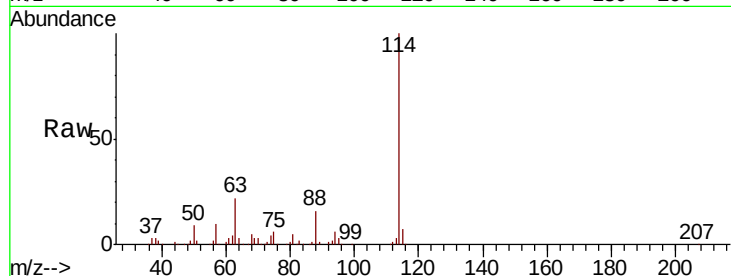




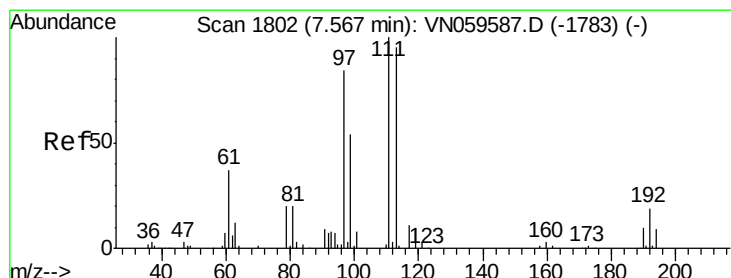
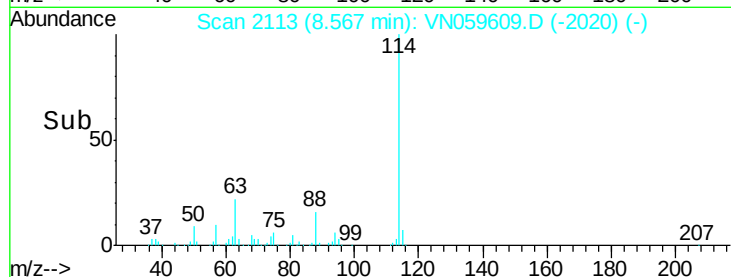
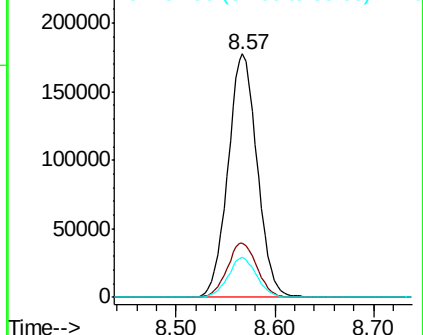
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059609.D
 Acq: 16 Dec 2019 17:45

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	43.6
88	16.3	0.0	31.4

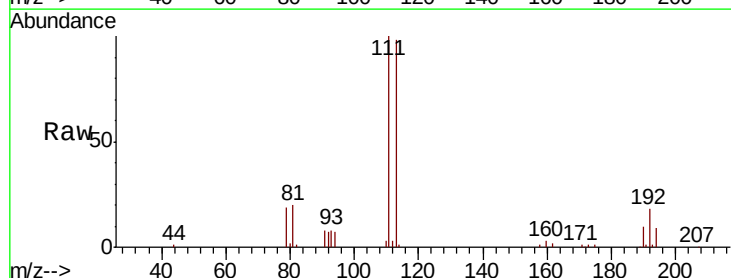


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

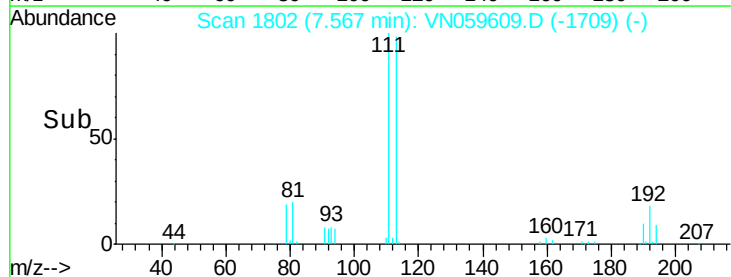
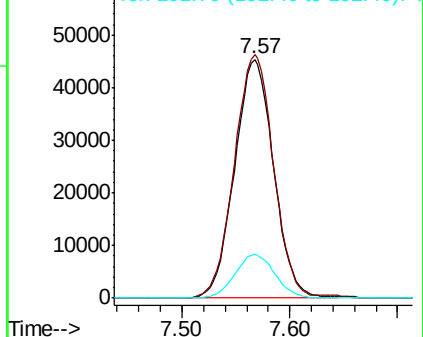


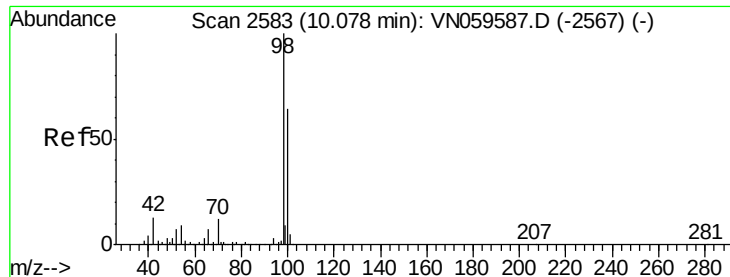
#35
 Dibromofluoromethane
 Concen: 49.774 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059609.D
 Acq: 16 Dec 2019 17:45

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.5	125.3
192	18.6	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

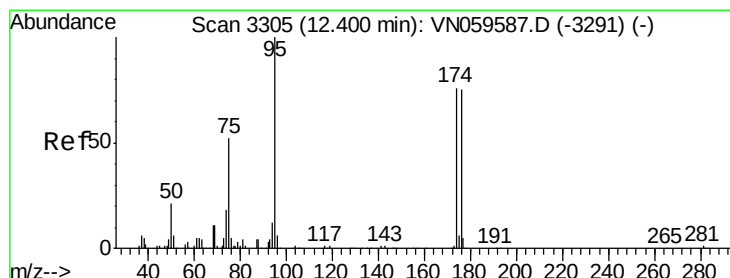
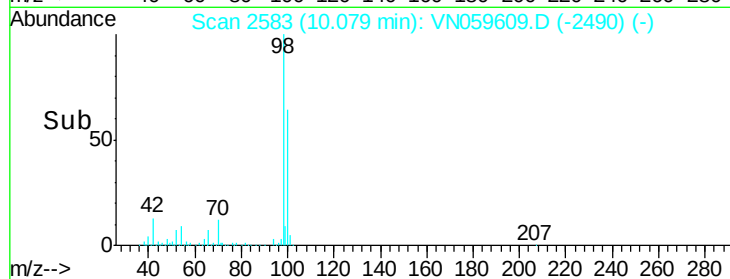
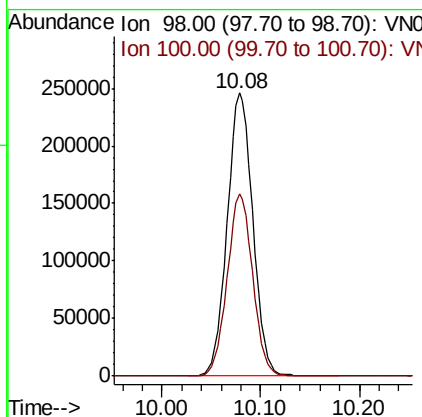
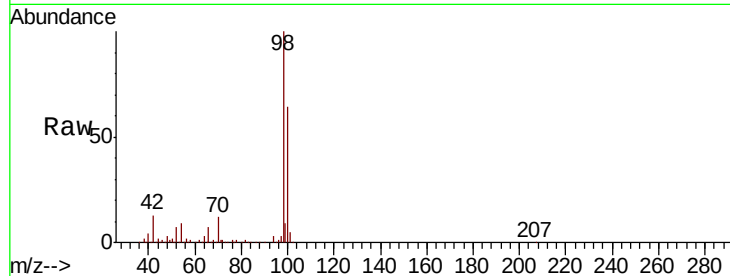




#50
Toluene-d8
Concen: 49.253 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059609.D
Acq: 16 Dec 2019 17:45

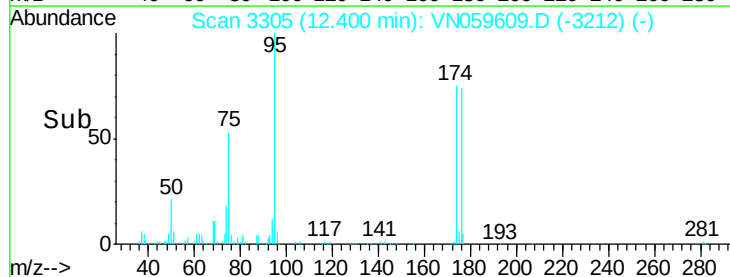
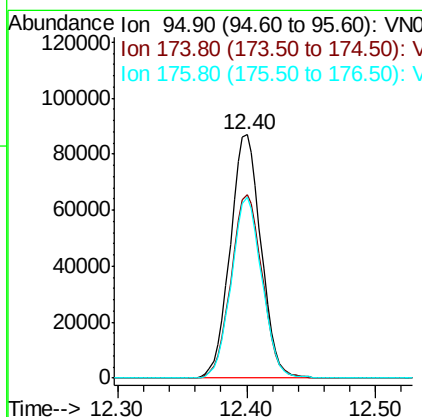
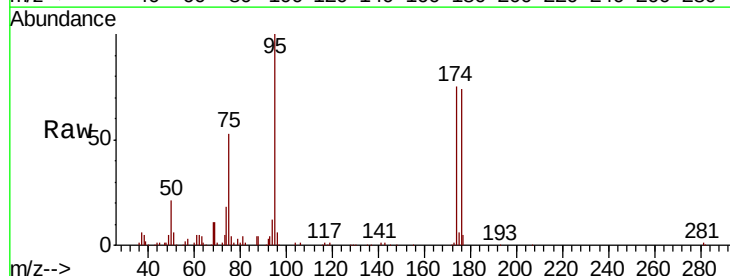
Instrument :
MSVOA_N
ClientSampled :
IBLK

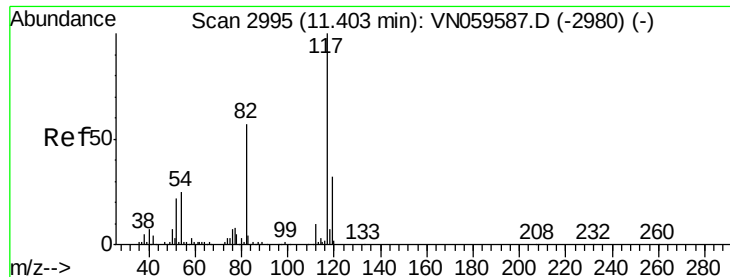
Tot Ion: 98 Resp: 447460
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 43.611 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN059609.D
Acq: 16 Dec 2019 17:45

Tgt Ion: 95 Resp: 144573
Ion Ratio Lower Upper
95 100
174 76.2 0.0 151.4
176 73.8 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN059609.D

Acq: 16 Dec 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

IBLK

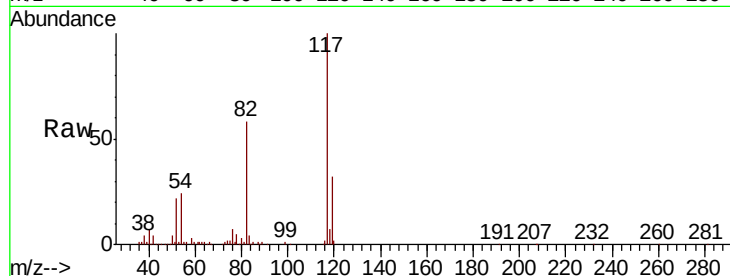
Tot Ion:117 Resp: 319694

Ion Ratio Lower Upper

117 100

82 57.7 45.9 68.9

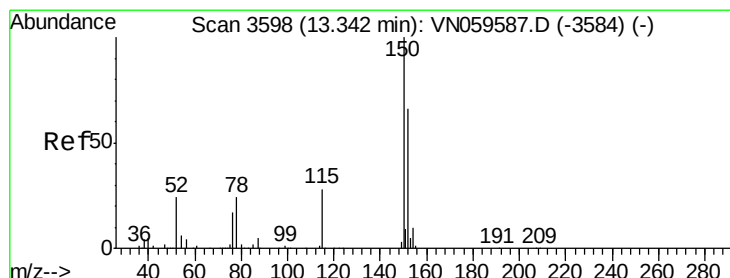
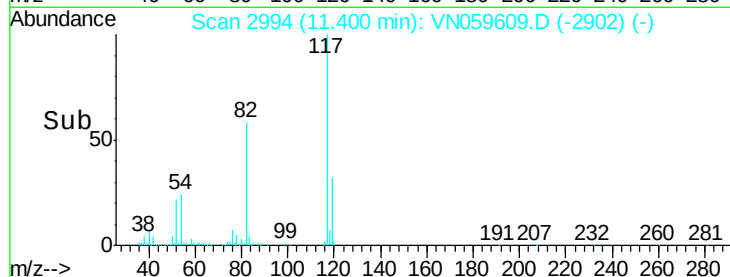
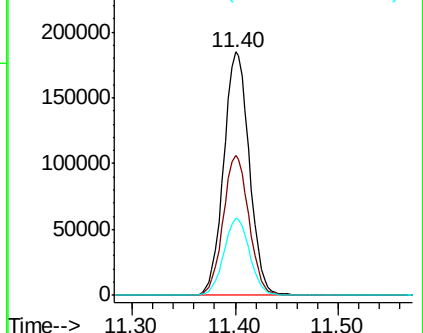
119 31.5 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

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: VN059609.D

Acq: 16 Dec 2019 17:45

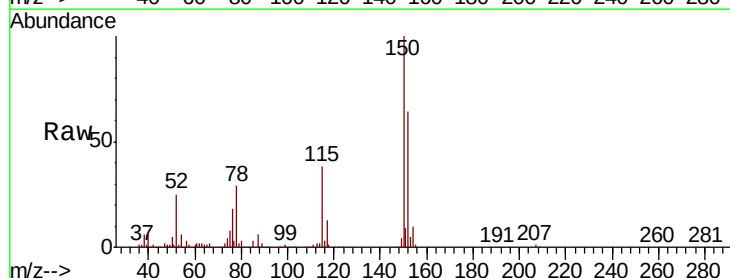
Tgt Ion:152 Resp: 123300

Ion Ratio Lower Upper

152 100

115 60.4 30.3 90.9

150 156.6 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

