

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101119\
 Data File : VN058672.D
 Acq On : 10 Oct 2019 18:12
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 11 04:43:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 11 04:26:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	75875	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	434503	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	378980	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	199629	31.00	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.33%
60) 4-Bromofluorobenzene	12.41	95	181195	27.33	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	91.10%
63) Toluene-d8	10.08	98	536743	30.00	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.00%

Target Compounds

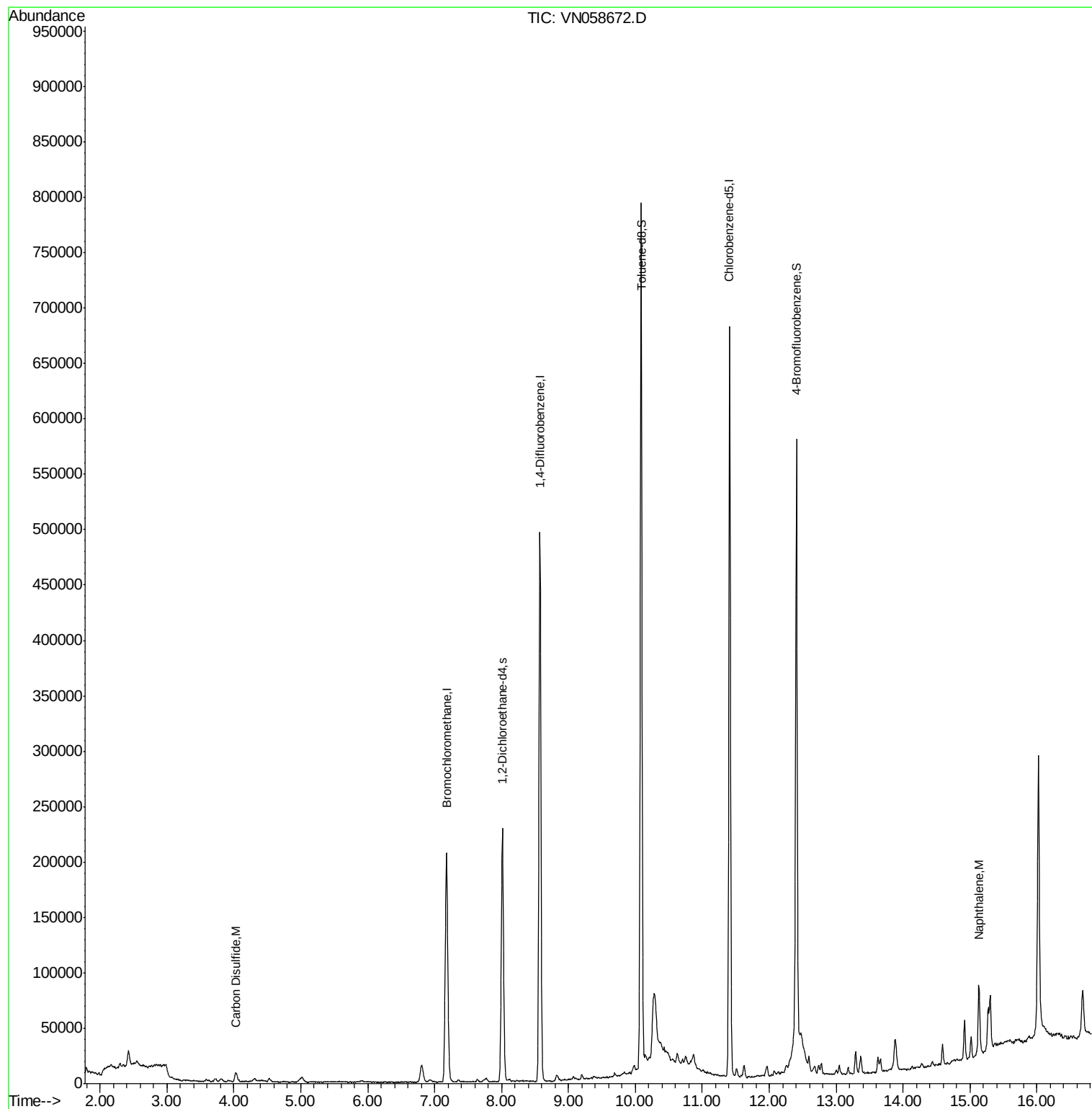
					Ovalue
16) Carbon Disulfide	4.03	76	16031	1.384 ug/l	96
91) Naphthalene	15.13	128	45198	2.531 ug/l	99

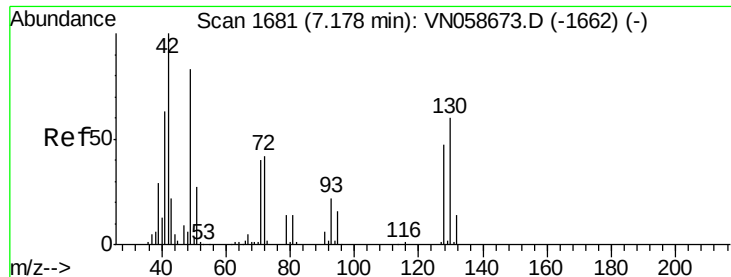
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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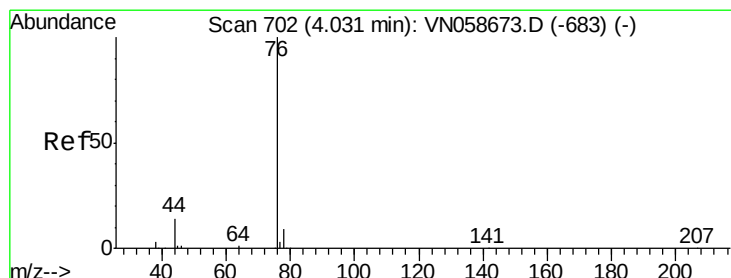
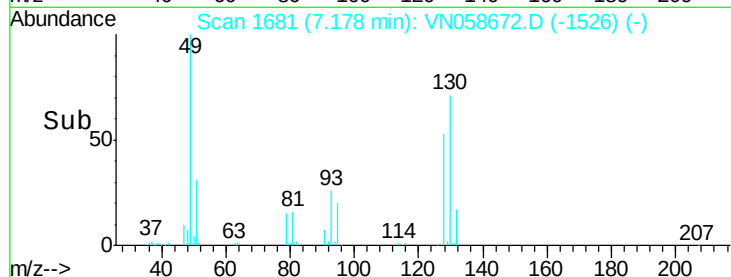
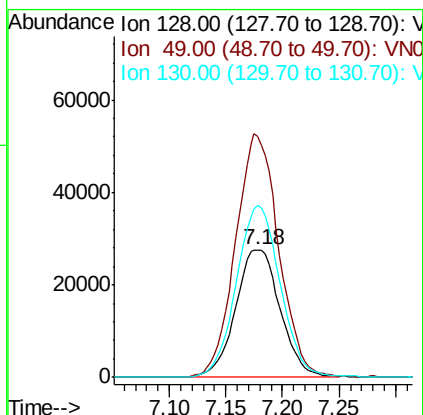
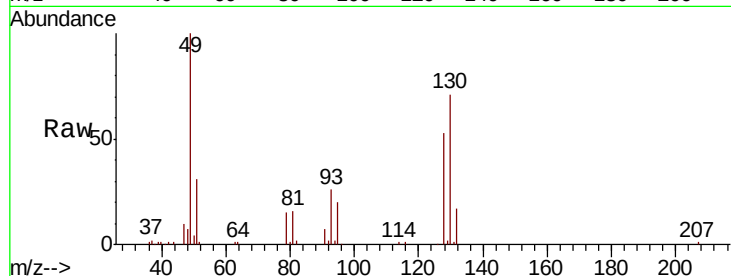




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.18 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VN058672.D
 Acq: 10 Oct 2019 18:12

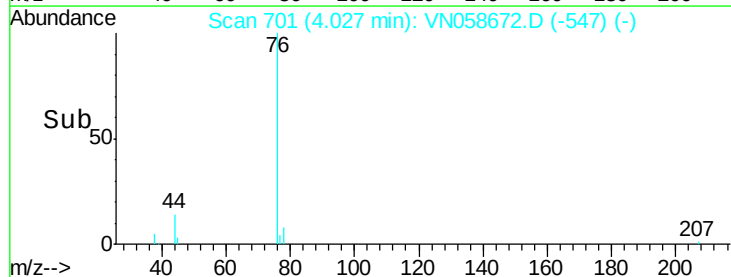
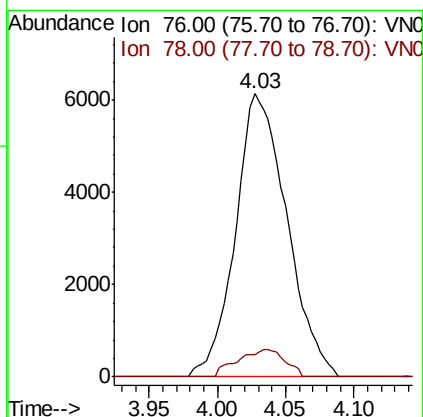
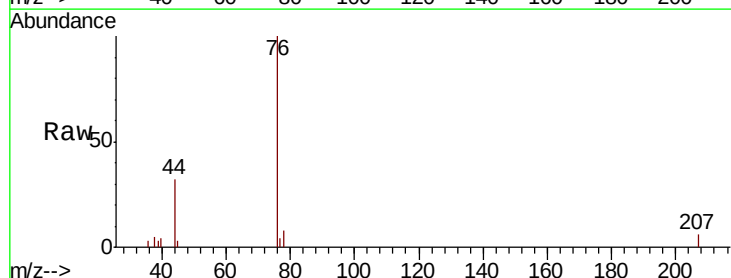
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

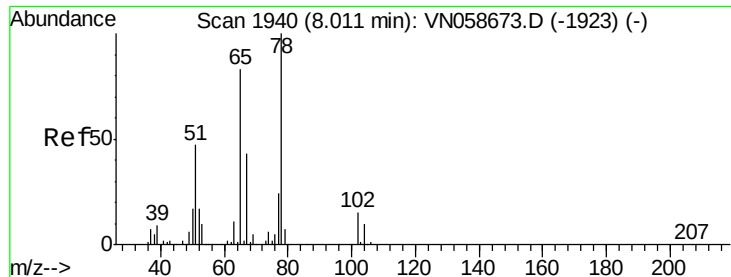
Tot Ion:128 Resp: 75875
 Ion Ratio Lower Upper
 128 100
 49 184.1 0.0 453.5
 130 132.2 0.0 314.2



#16
 Carbon Disulfide
 Concen: 1.384 ug/l
 RT: 4.03 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: VN058672.D
 Acq: 10 Oct 2019 18:12

Tgt Ion: 76 Resp: 16031
 Ion Ratio Lower Upper
 76 100
 78 7.9 7.4 11.0





#27

1,2-Dichloroethane-d4

Concen: 30.999 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058672.D

Acq: 10 Oct 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

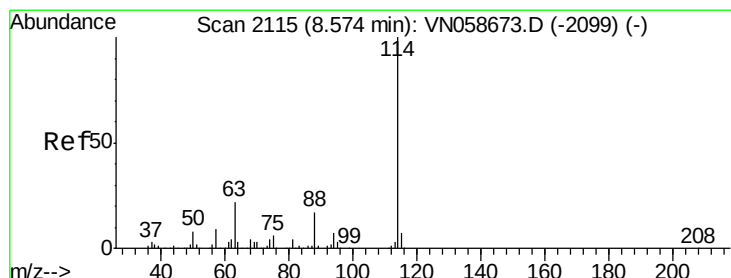
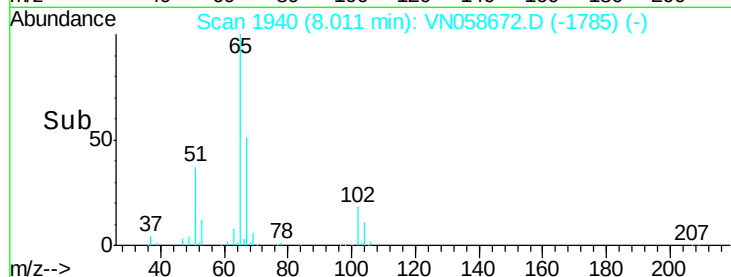
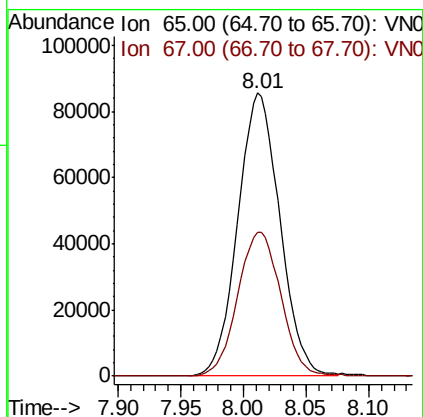
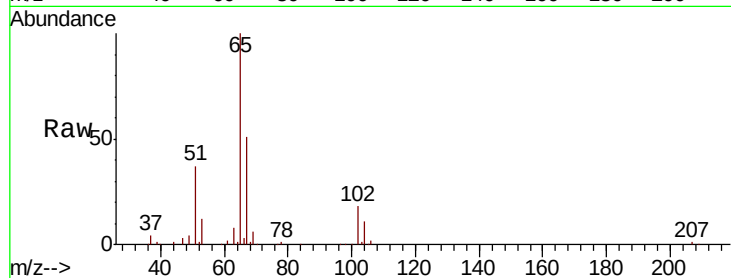
IBLK

Tot Ion: 65 Resp: 199629

Ion Ratio Lower Upper

65 100

67 52.2 41.5 62.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058672.D

Acq: 10 Oct 2019 18:12

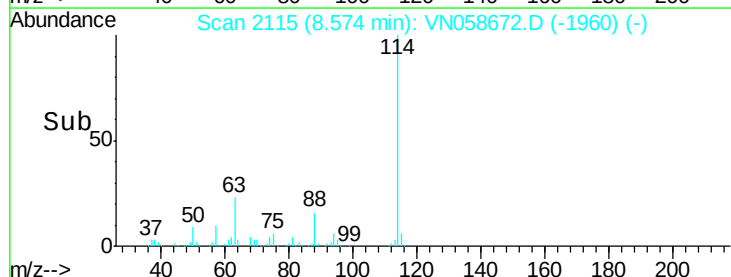
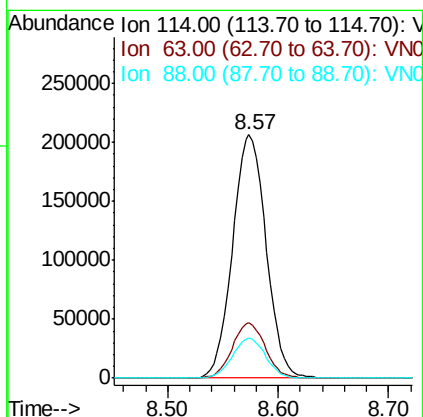
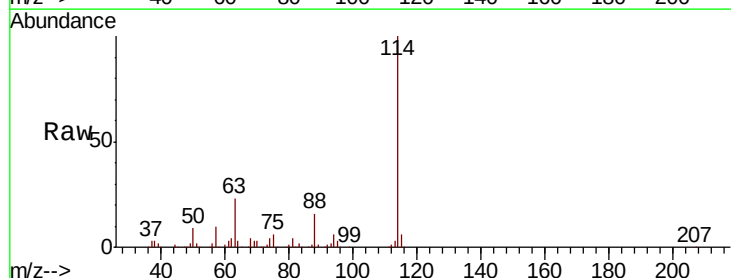
Tgt Ion: 114 Resp: 434503

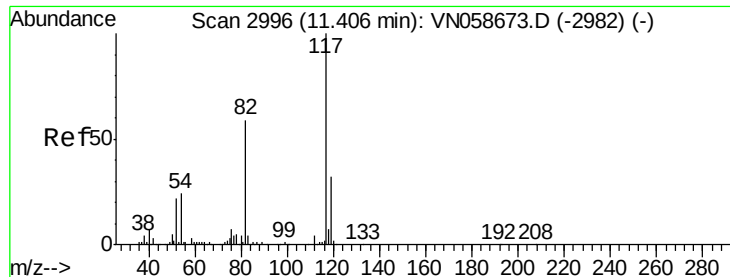
Ion Ratio Lower Upper

114 100

63 22.4 18.1 27.1

88 16.2 13.0 19.4

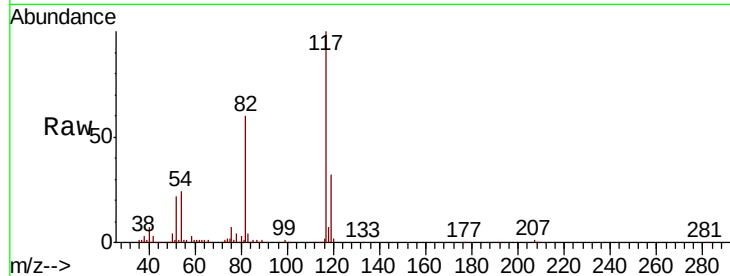




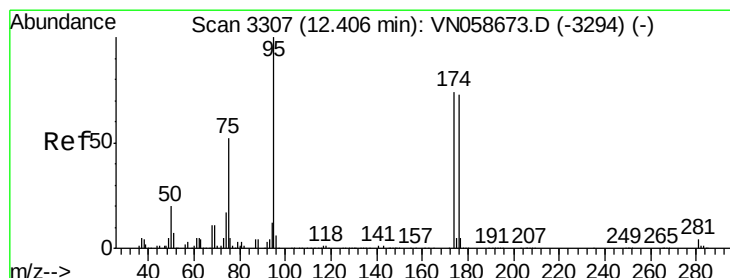
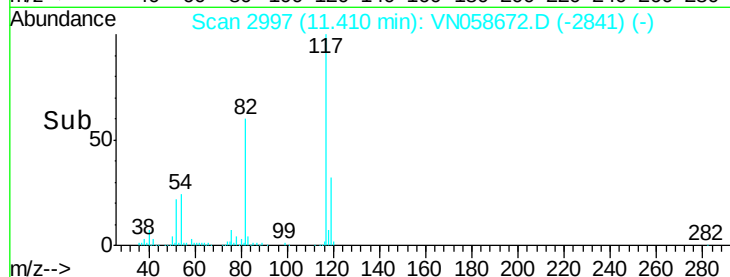
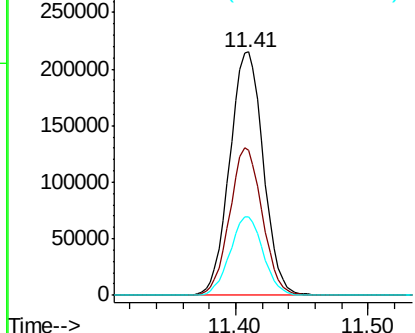
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058672.D
Acq: 10 Oct 2019 18:12

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tot Ion:117 Resp: 378980
Ion Ratio Lower Upper
117 100
82 59.0 46.9 70.3
119 31.8 25.8 38.6

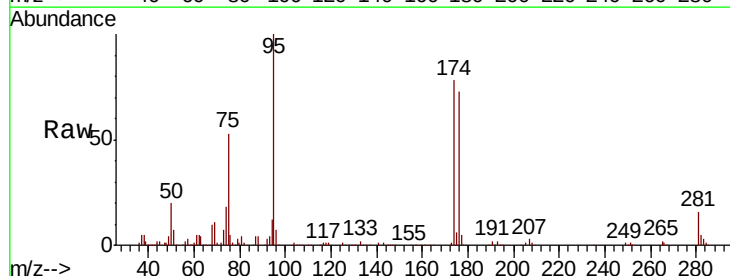


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

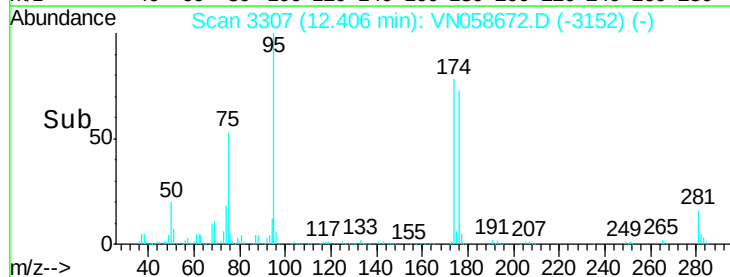
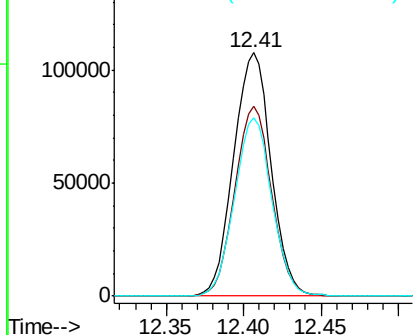


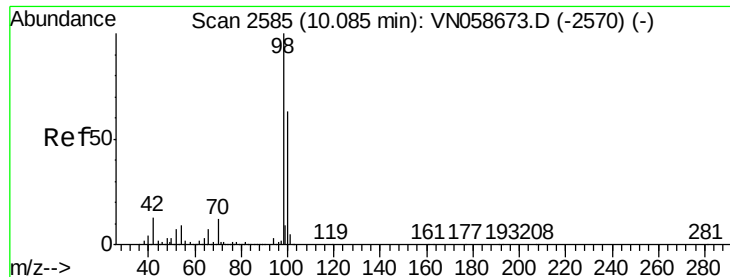
#60
4-Bromofluorobenzene
Concen: 27.332 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN058672.D
Acq: 10 Oct 2019 18:12

Tgt Ion: 95 Resp: 181195
Ion Ratio Lower Upper
95 100
174 76.9 59.9 89.9
176 73.3 58.3 87.5



Abundance Ion 95.00 (94.70 to 95.70): V
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#63

Toluene-d8

Concen: 29.996 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058672.D

Acq: 10 Oct 2019 18:12

Instrument :

MSVOA_N

ClientSampleId :

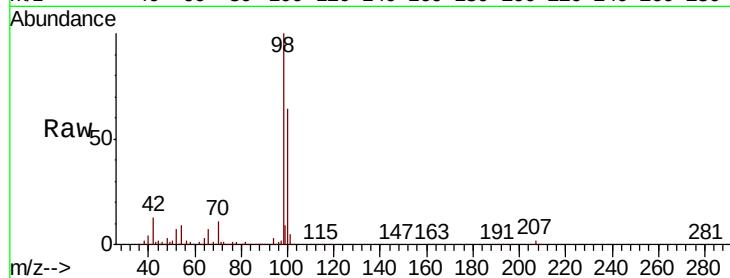
IBLK

Tot Ion: 98 Resp: 536743

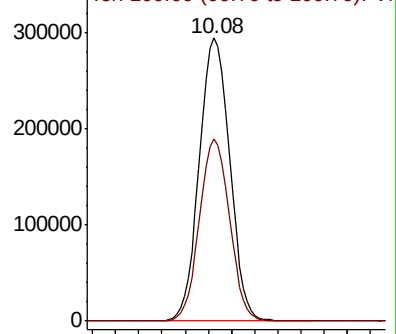
Ion Ratio Lower Upper

98 100

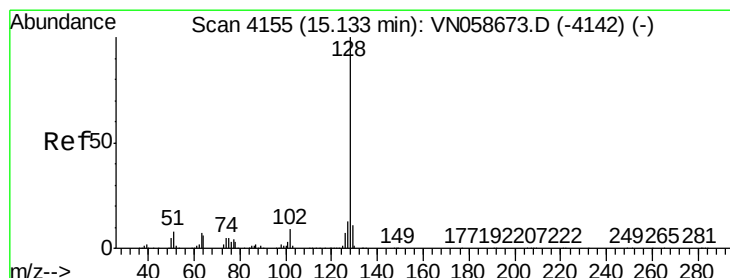
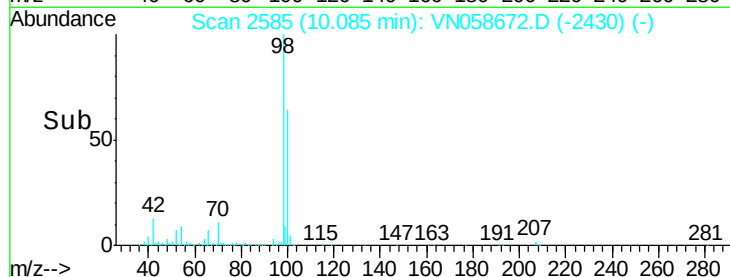
100 63.4 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN058672.D (-2570) (-)



Time-->



#91

Naphthalene

Concen: 2.531 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN058672.D

Acq: 10 Oct 2019 18:12

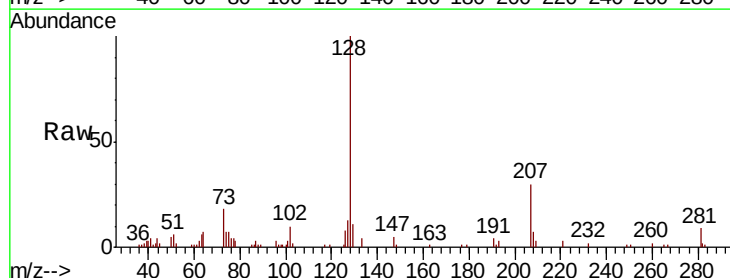
Tgt Ion: 128 Resp: 45198

Ion Ratio Lower Upper

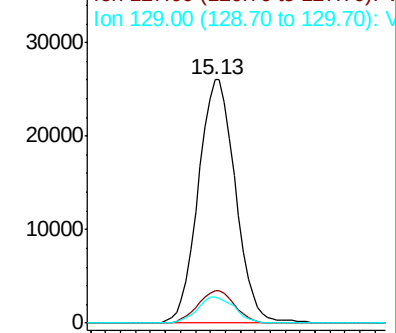
128 100

127 13.0 10.2 15.2

129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): VN058672.D (-4142) (-)



Time-->

