

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091019\
 Data File : VN057812.D
 Acq On : 9 Sep 2019 19:51
 Operator : JC/SP
 Sample : K4751-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Sep 10 07:36:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	295286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	500632	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	448963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	220760	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	327691	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	
35) Dibromofluoromethane	7.58	113	226440	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	10.09	98	900379	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.40	95	282129	41.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.54%	

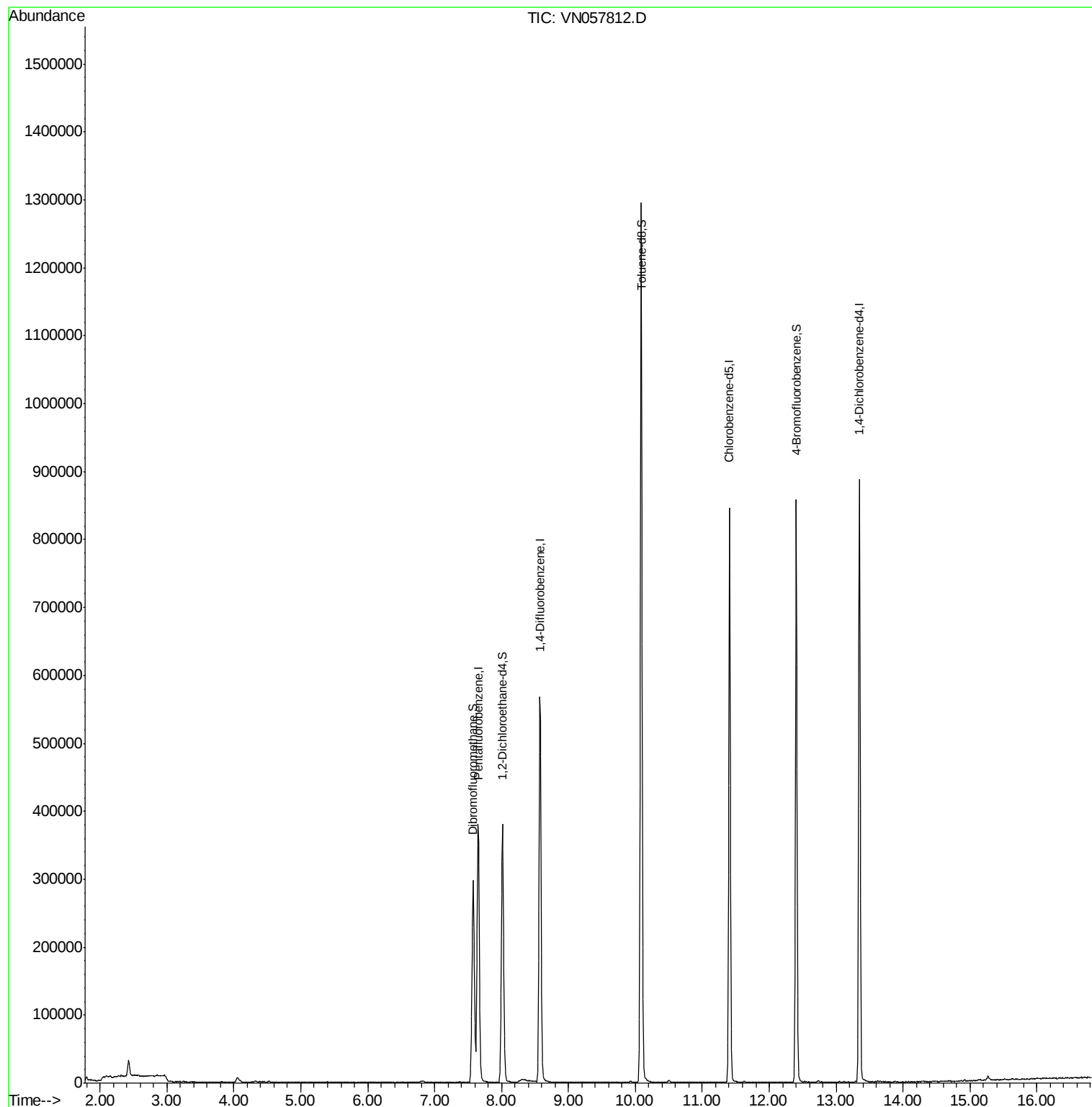
Target Compounds	Qvalue

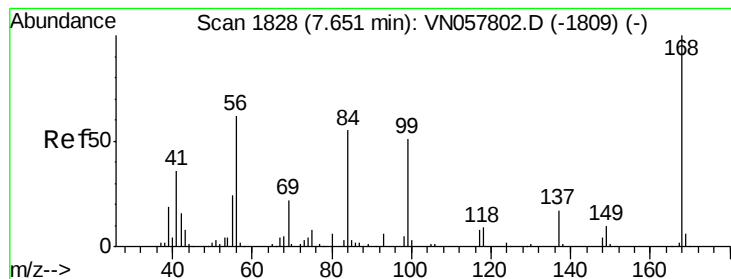
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057812.D

Acq: 9 Sep 2019 19:51

Instrument :

MSVOA_N

ClientSampleId :

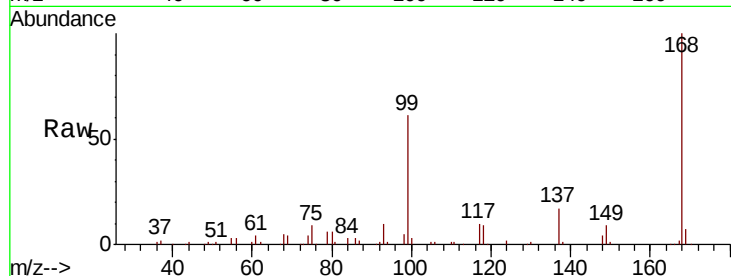
STORAGE-BLANK-WATER-REF-4

Tot Ion:168 Resp: 295286

Ion Ratio Lower Upper

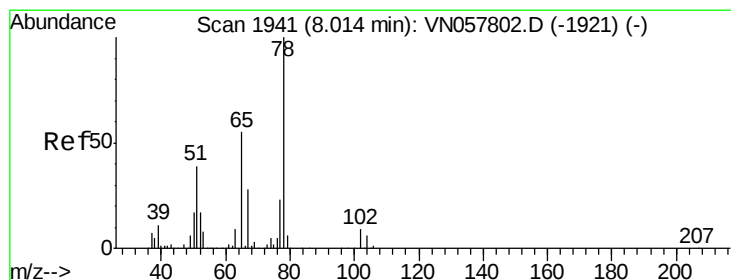
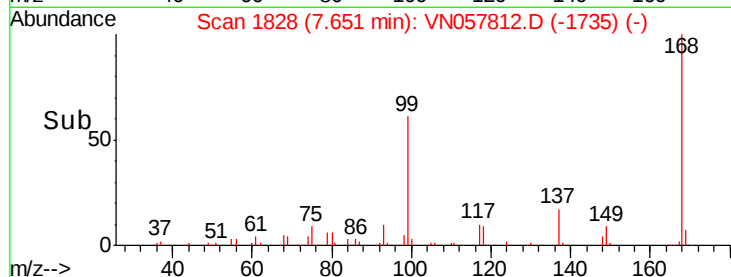
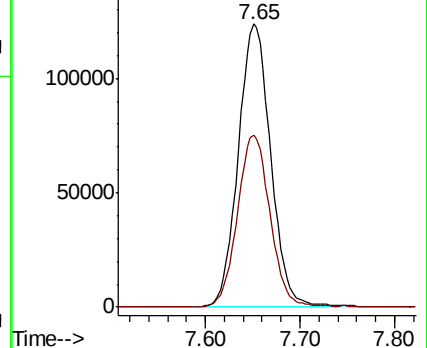
168 100

99 60.7 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VN057802.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057802.D (-1809) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.791 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN057812.D

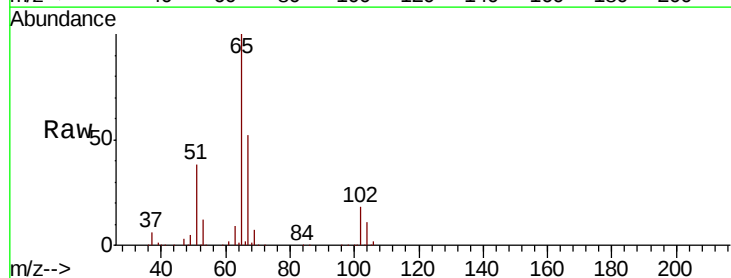
Acq: 9 Sep 2019 19:51

Tgt Ion: 65 Resp: 327691

Ion Ratio Lower Upper

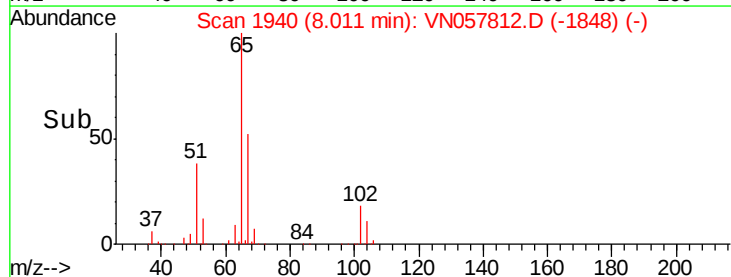
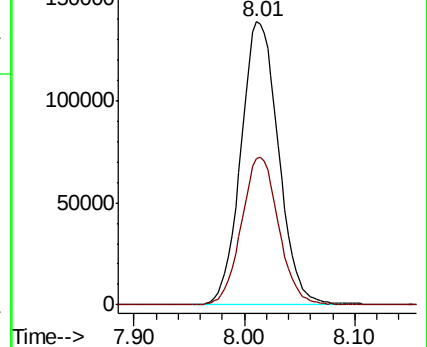
65 100

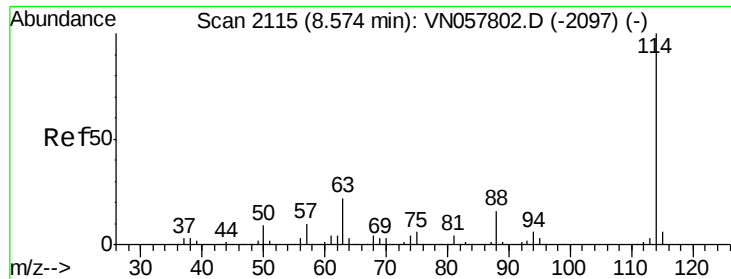
67 51.6 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN057802.D (-1921) (-)

Ion 66.90 (66.60 to 67.60): VN057802.D (-1921) (-)

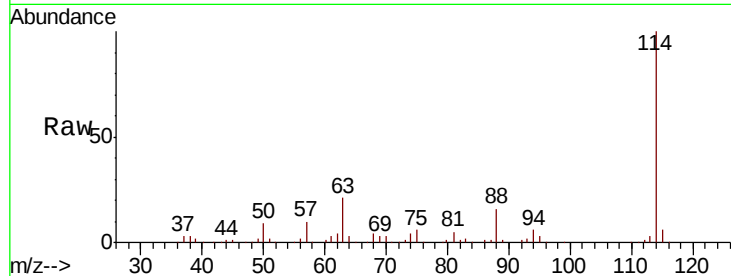




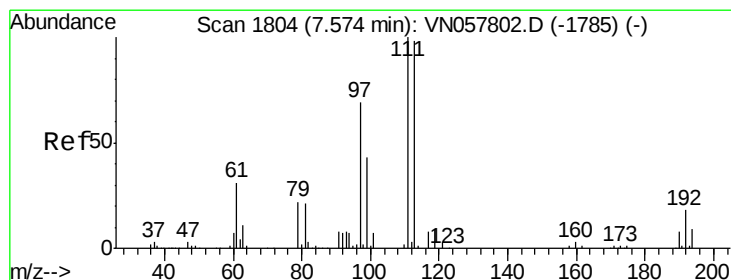
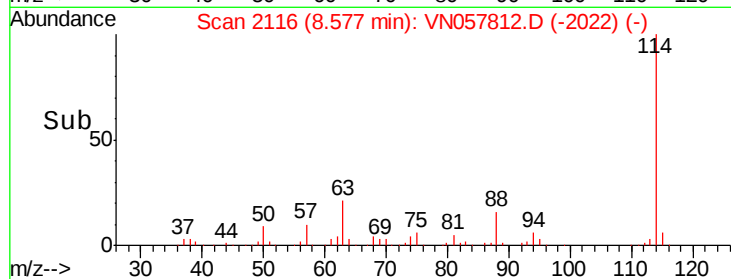
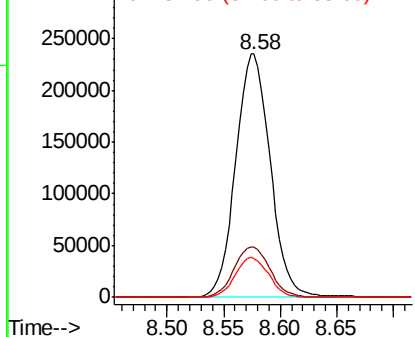
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057812.D
 Acq: 9 Sep 2019 19:51

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Tot Ion:114 Resp: 500632
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 44.0
 88 15.9 0.0 31.4

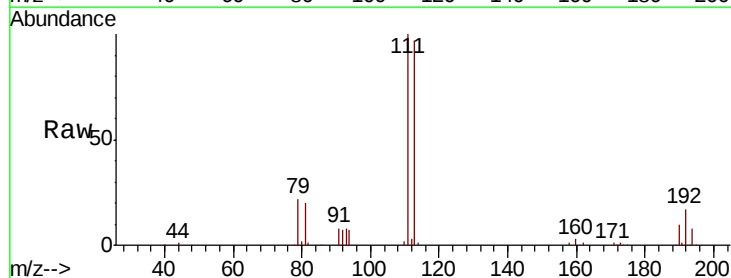


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

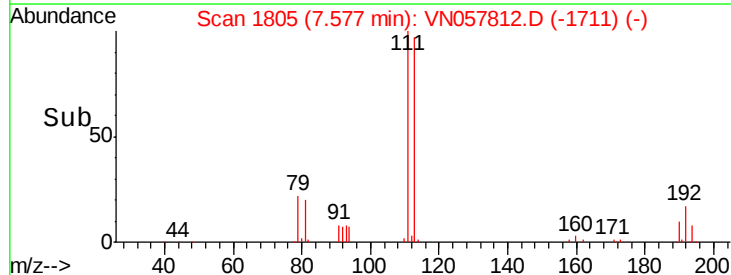
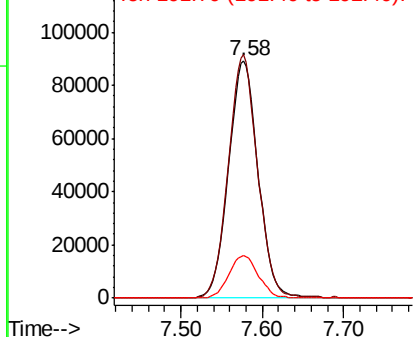


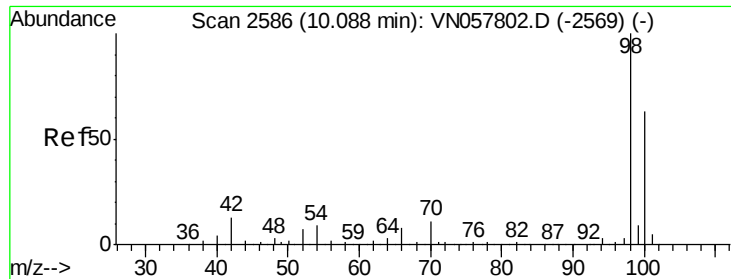
#35
 Dibromofluoromethane
 Concen: 49.006 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057812.D
 Acq: 9 Sep 2019 19:51

Tgt Ion:113 Resp: 226440
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.3 121.9
 192 18.0 14.6 22.0



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: 50.189 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057812.D

Acq: 9 Sep 2019 19:51

Instrument :

MSVOA_N

ClientSampleId :

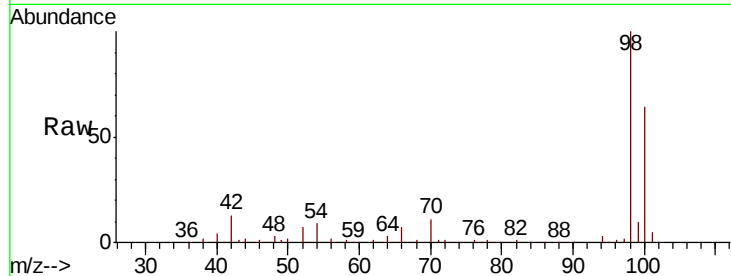
STORAGE-BLANK-WATER-REF-4

Tot Ion: 98 Resp: 900379

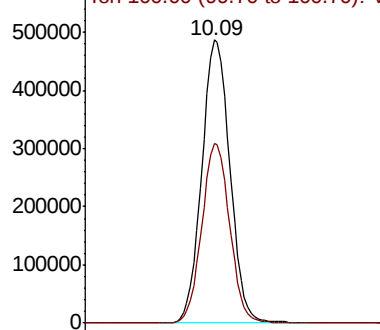
Ion Ratio Lower Upper

98 100

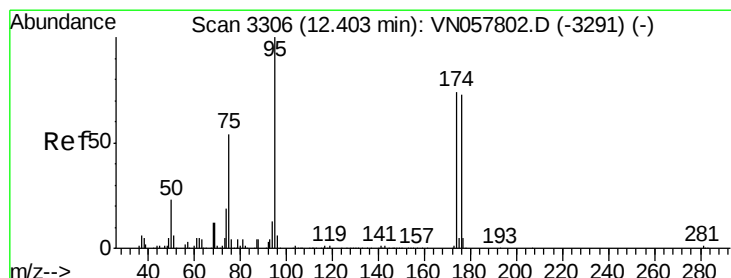
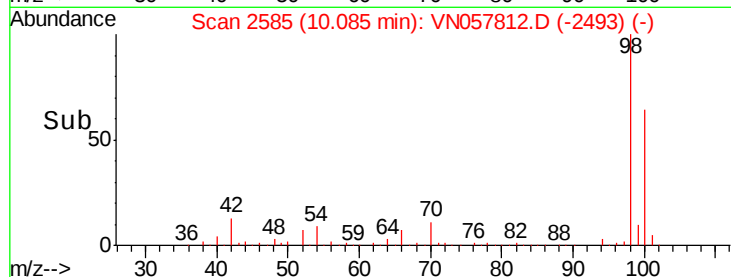
100 62.9 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN057802.D (-2569) (-)



Time-->



#62

4-Bromofluorobenzene

Concen: 41.267 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057812.D

Acq: 9 Sep 2019 19:51

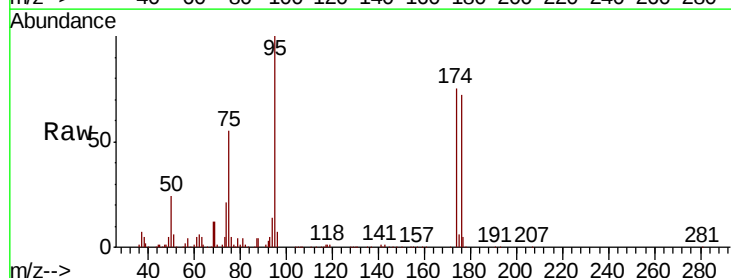
Tgt Ion: 95 Resp: 282129

Ion Ratio Lower Upper

95 100

174 75.2 0.0 150.2

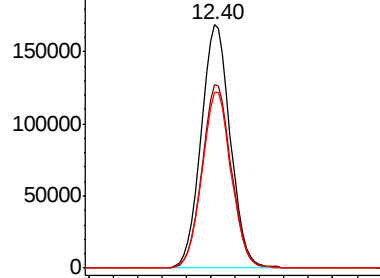
176 72.4 0.0 146.0



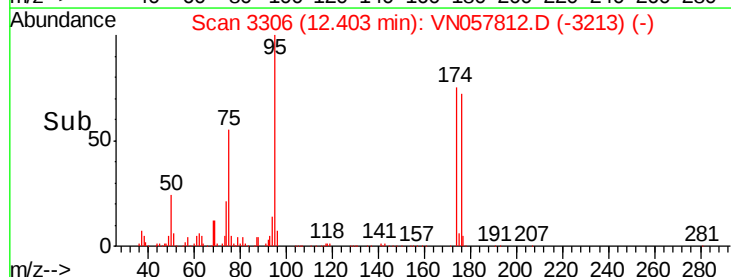
Abundance Ion 94.90 (94.60 to 95.60): VN057802.D (-3291) (-)

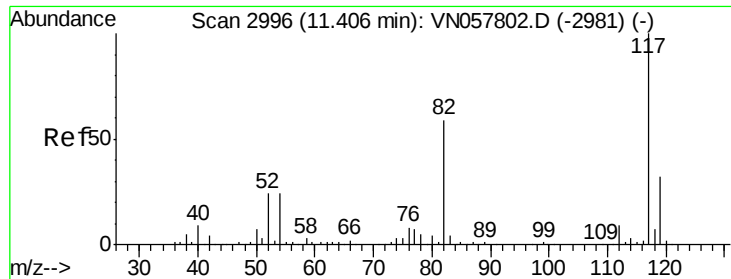
Ion 173.80 (173.50 to 174.50): VN057802.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN057802.D (-3291) (-)



Time-->

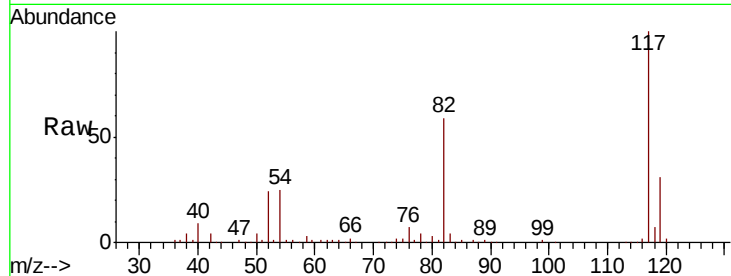




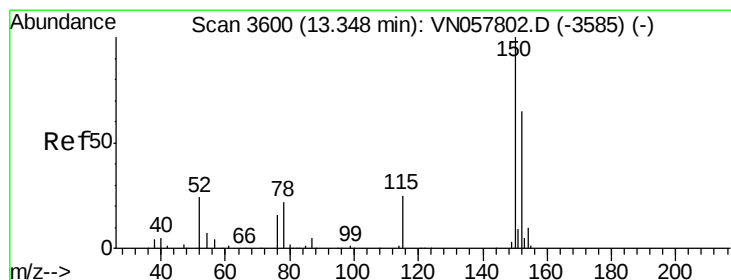
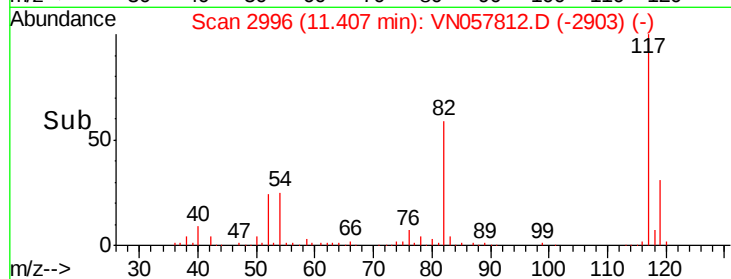
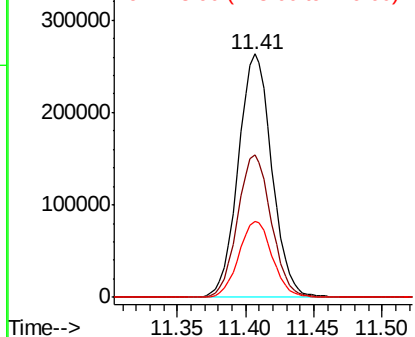
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057812.D
Acq: 9 Sep 2019 19:51

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tot Ion:117 Resp: 448963
Ion Ratio Lower Upper
117 100
82 58.8 47.2 70.8
119 31.2 25.3 37.9

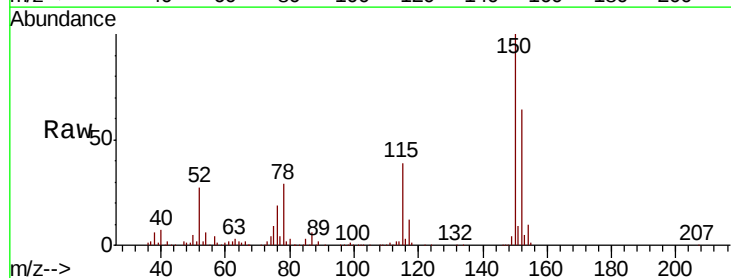


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057812.D
Acq: 9 Sep 2019 19:51

Tgt Ion:152 Resp: 220760
Ion Ratio Lower Upper
152 100
115 61.4 30.3 91.0
150 157.0 0.0 352.4



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

