

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092719\
 Data File : VN058408.D
 Acq On : 27 Sep 2019 15:24
 Operator : JC/SP
 Sample : K5087-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Sep 30 08:18:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	477125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	762301	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	639962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	254851	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	330024	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
35) Dibromofluoromethane	7.57	113	229648	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
50) Toluene-d8	10.08	98	937359	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
62) 4-Bromofluorobenzene	12.41	95	299354	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	

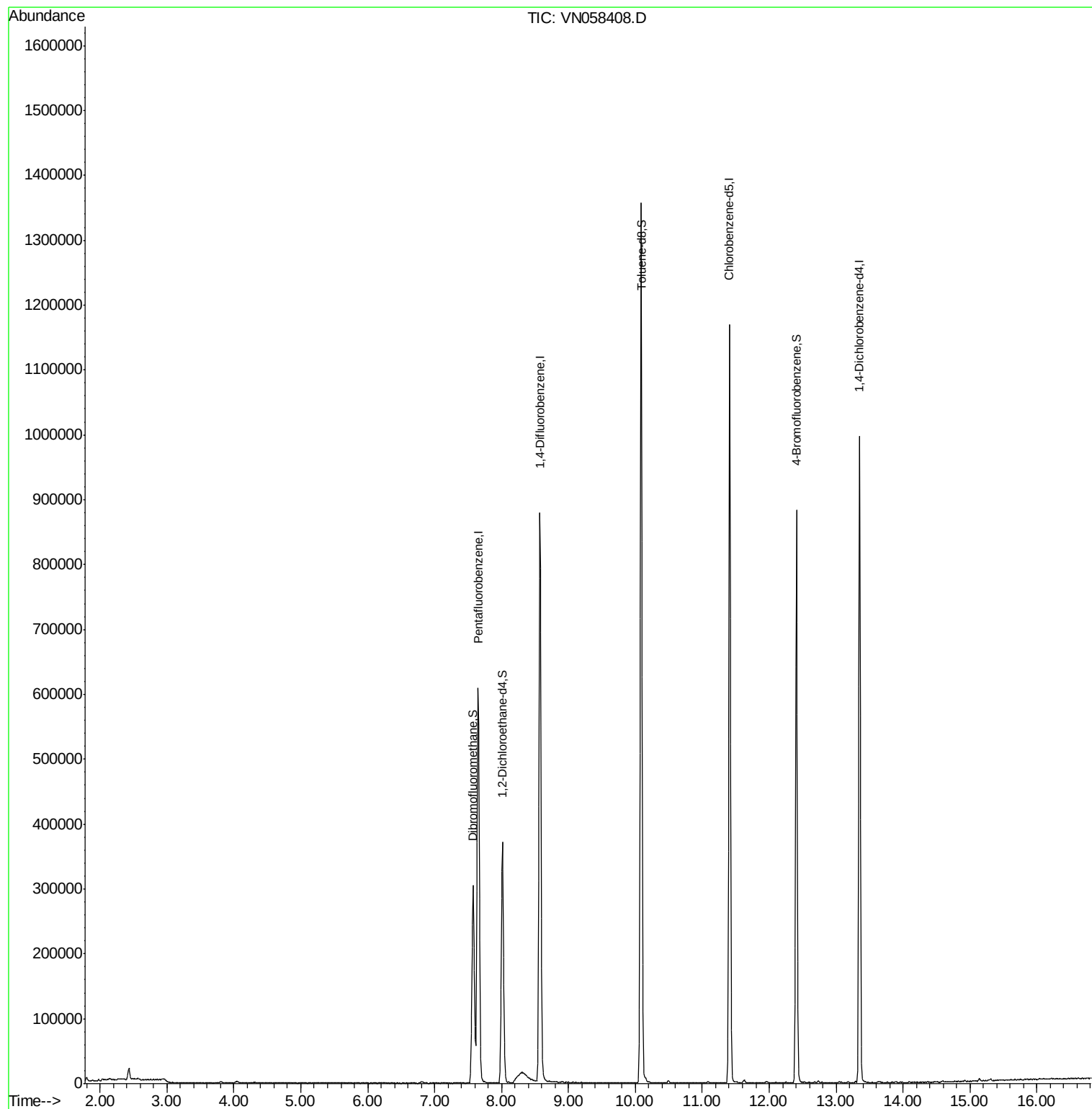
Target Compounds	Qvalue

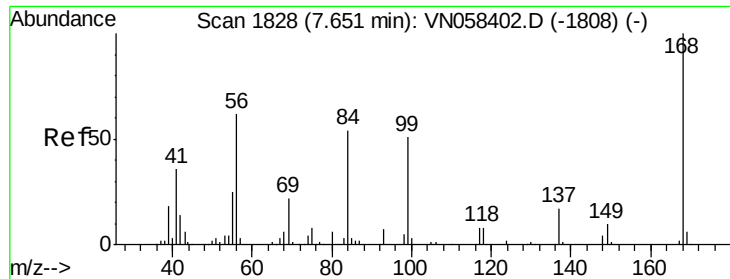
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058408.D

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MSVOA_N

ClientSampleId :

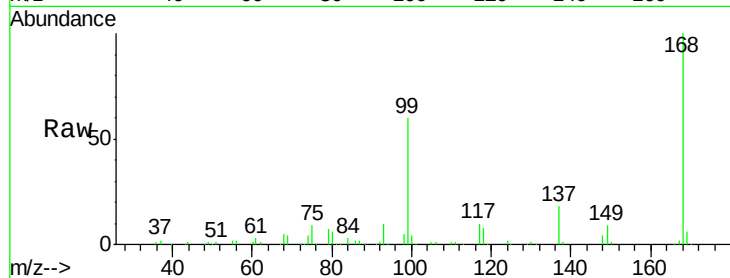
STORAGE-BLANK-WATER-REF-5

Tot Ion:168 Resp: 477125

Ion Ratio Lower Upper

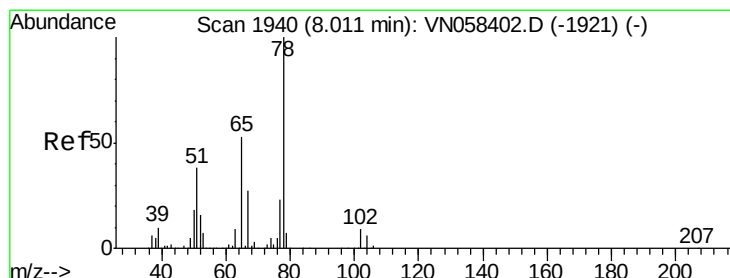
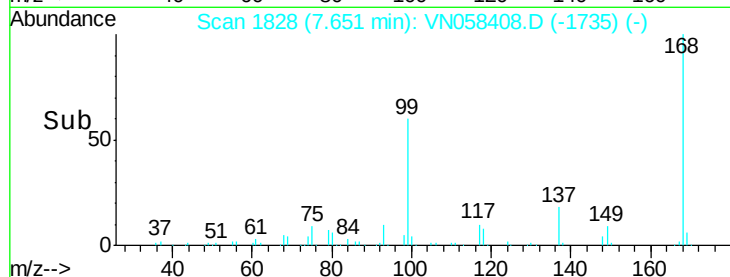
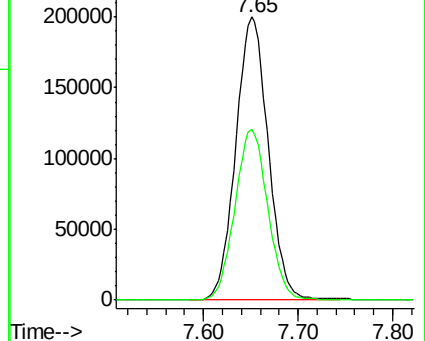
168 100

99 60.2 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 47.333 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058408.D

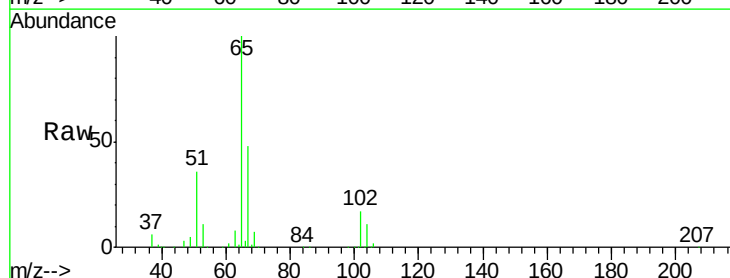
Acq: 27 Sep 2019 15:24

Tgt Ion: 65 Resp: 330024

Ion Ratio Lower Upper

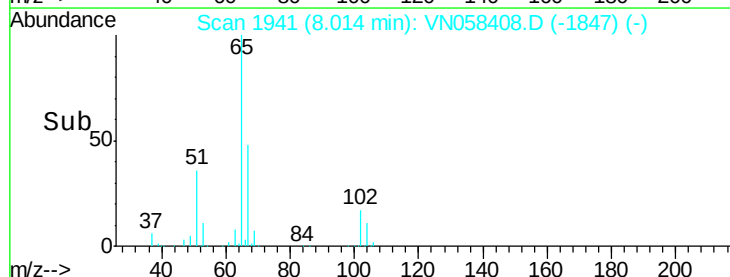
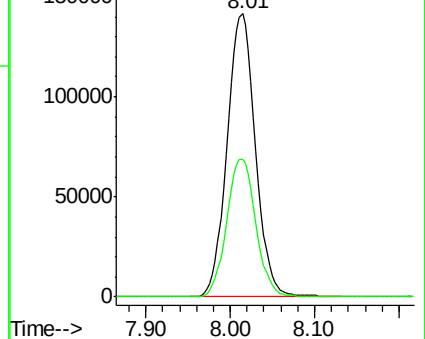
65 100

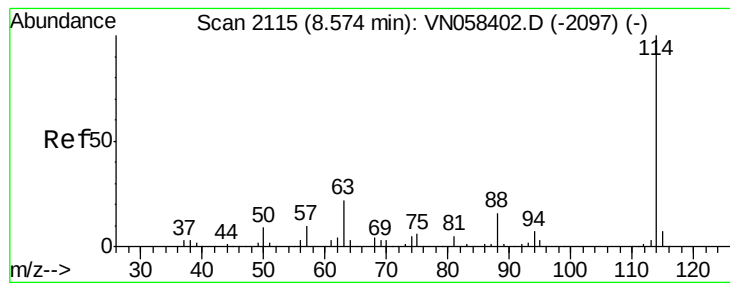
67 50.0 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058408.D

Acq: 27 Sep 2019 15:24

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

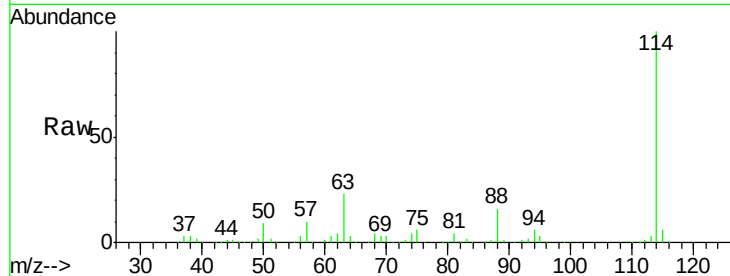
Tot Ion:114 Resp: 762301

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.0

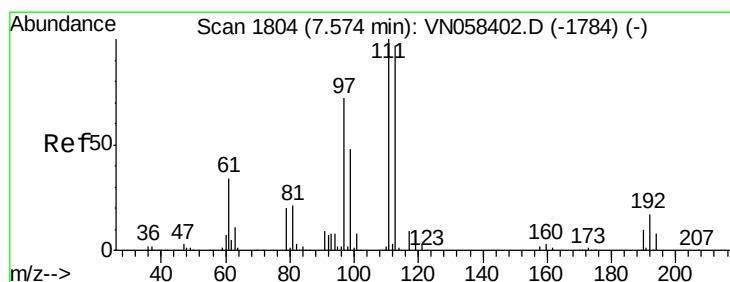
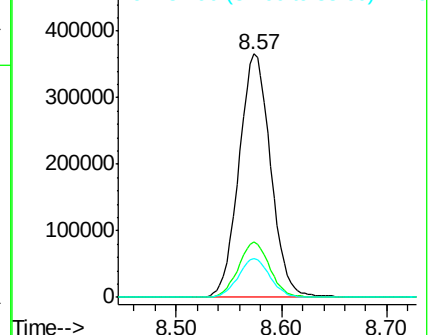
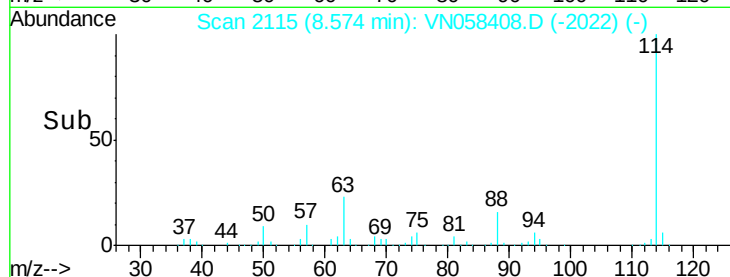
88 15.7 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 49.153 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN058408.D

Acq: 27 Sep 2019 15:24

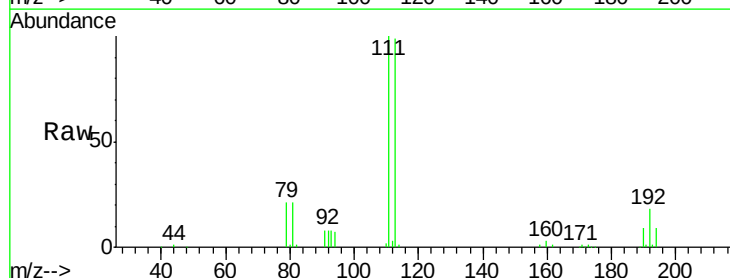
Tgt Ion:113 Resp: 229648

Ion Ratio Lower Upper

113 100

111 104.2 83.4 125.2

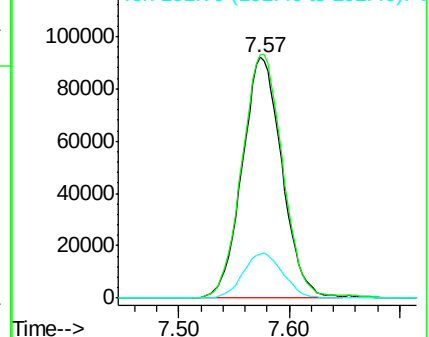
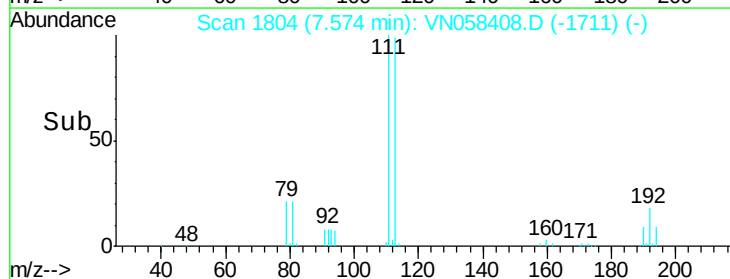
192 18.9 14.9 22.3

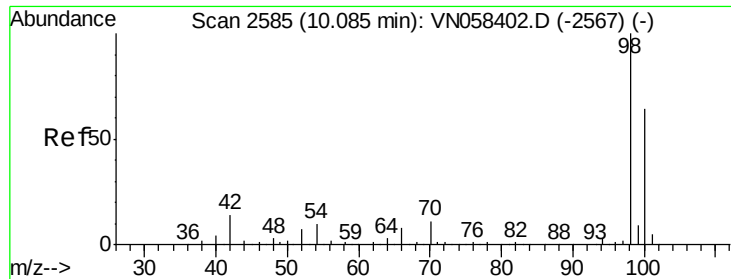


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

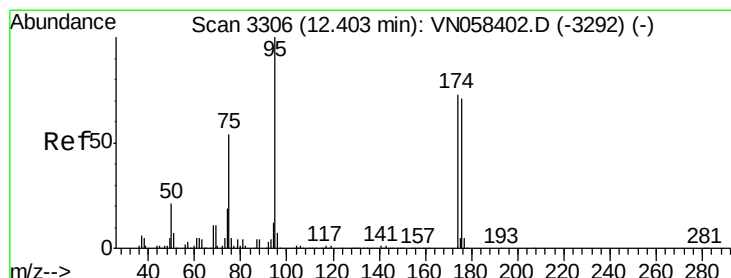
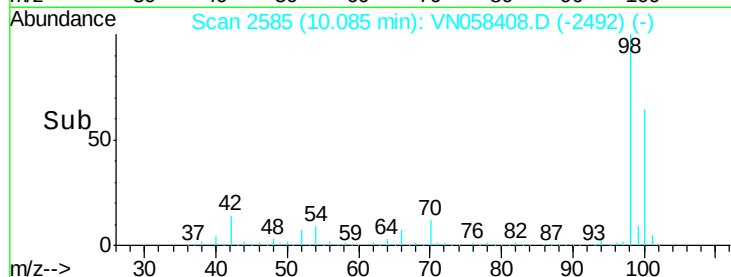
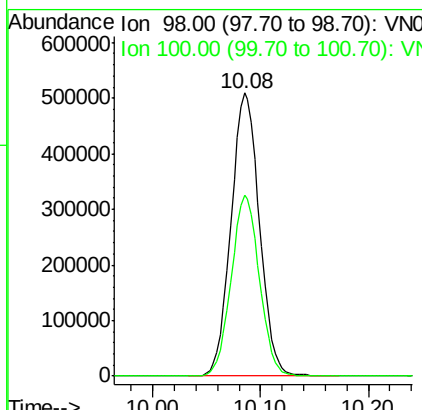
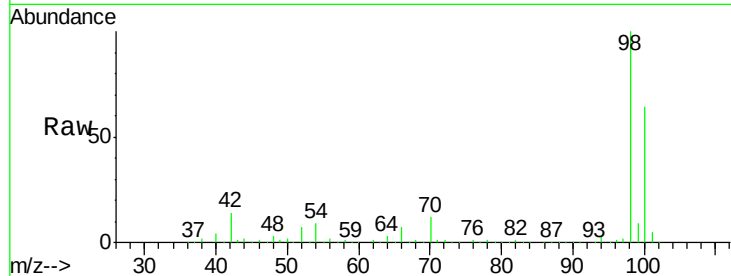




#50
Toluene-d8
Concen: 51.215 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058408.D
Acq: 27 Sep 2019 15:24

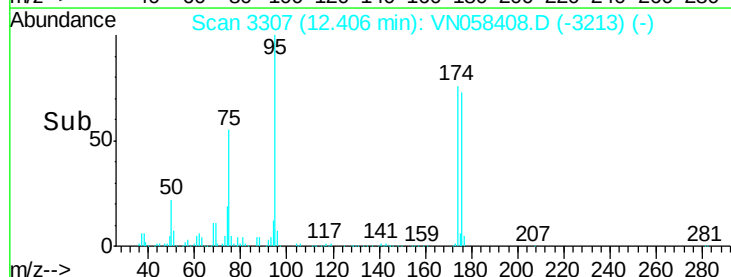
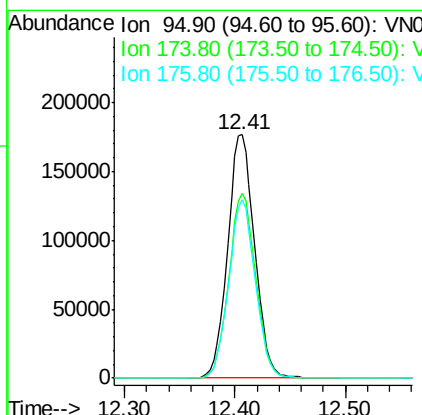
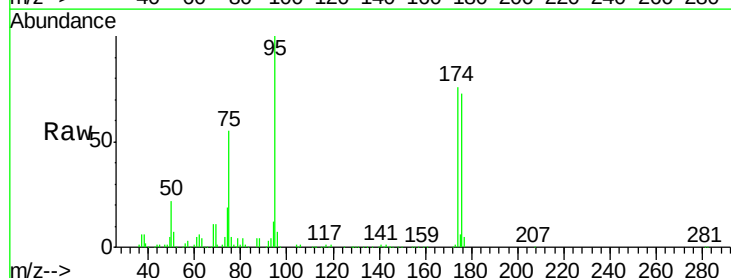
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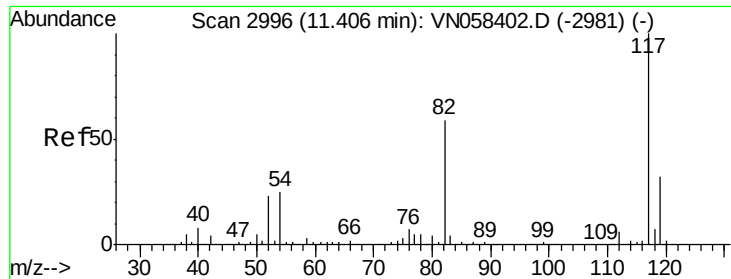
Tot Ion: 98 Resp: 937359
Ion Ratio Lower Upper
98 100
100 63.3 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 45.235 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058408.D
Acq: 27 Sep 2019 15:24

Tgt Ion: 95 Resp: 299354
Ion Ratio Lower Upper
95 100
174 75.7 0.0 150.6
176 72.4 0.0 146.2

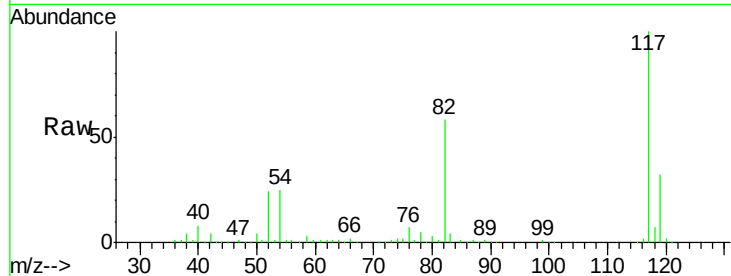




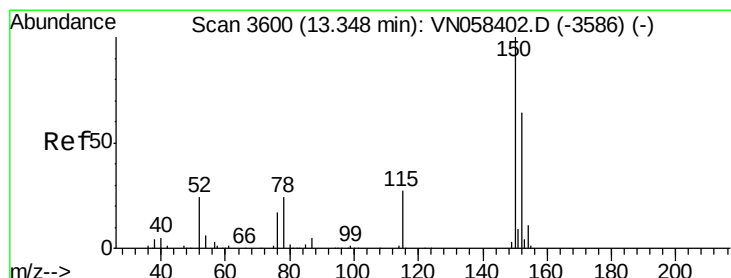
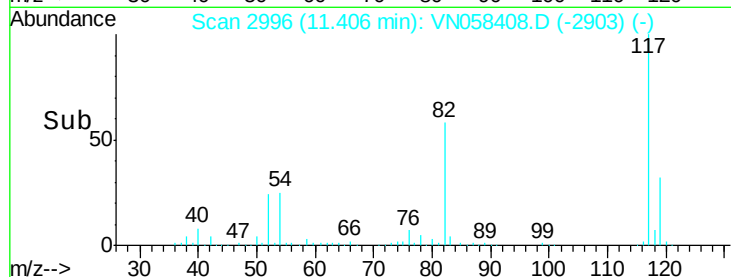
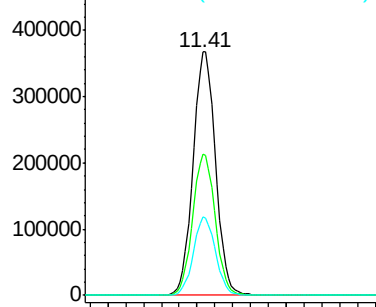
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058408.D
Acq: 27 Sep 2019 15:24

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tot Ion:117 Resp: 639962
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.0
119 32.1 25.5 38.3

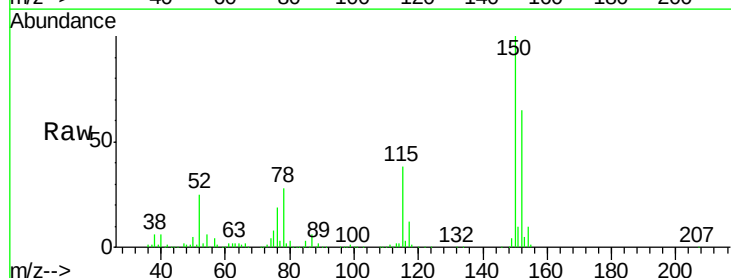


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058408.D
Acq: 27 Sep 2019 15:24

Tgt Ion:152 Resp: 254851
Ion Ratio Lower Upper
152 100
115 59.5 30.0 90.0
150 157.2 0.0 348.2



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

