

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092719\
 Data File : VN058410.D
 Acq On : 27 Sep 2019 16:07
 Operator : JC/SP
 Sample : K5087-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Sep 30 08:21:10 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	473958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	760833	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	646446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	256830	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	329371	47.55	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.10%	
35) Dibromofluoromethane	7.58	113	233260	50.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.04%	
50) Toluene-d8	10.08	98	932488	51.05	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.10%	
62) 4-Bromofluorobenzene	12.41	95	305644	46.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.54%	

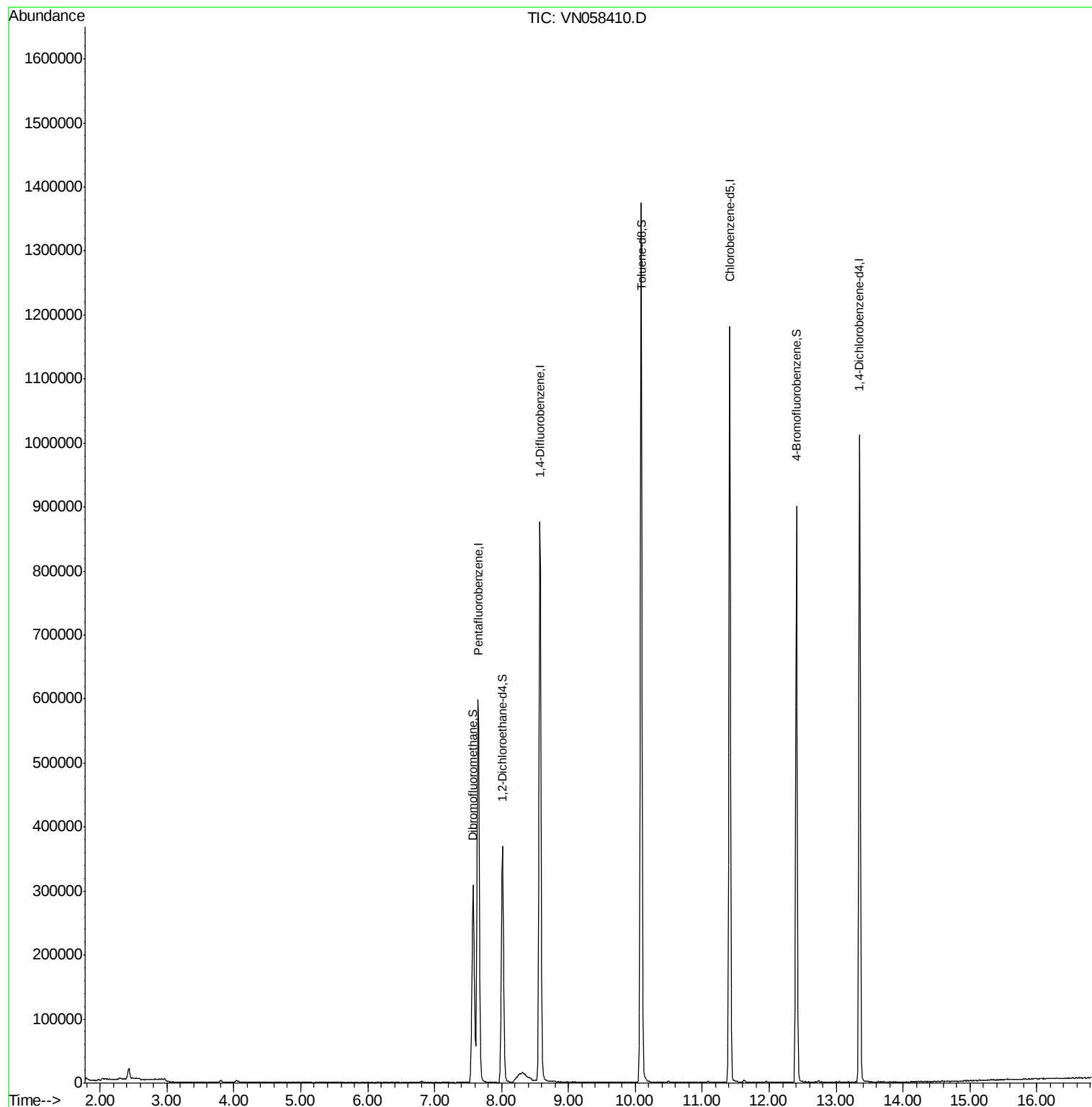
Target Compounds	Qvalue
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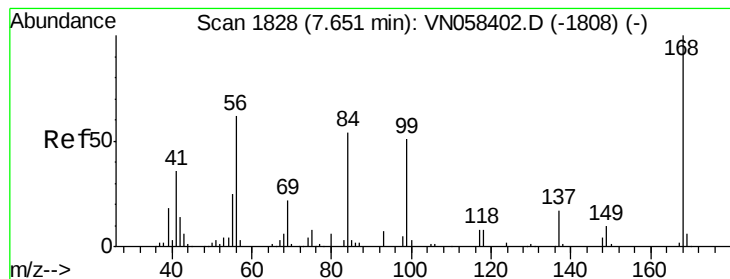
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058410.D

Acq: 27 Sep 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

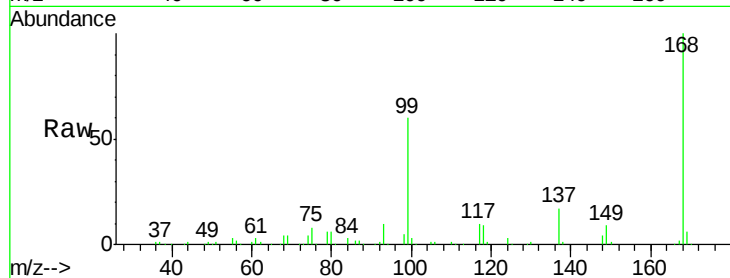
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 473958

Ion Ratio Lower Upper

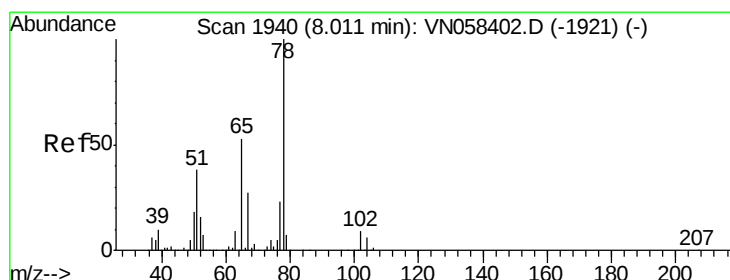
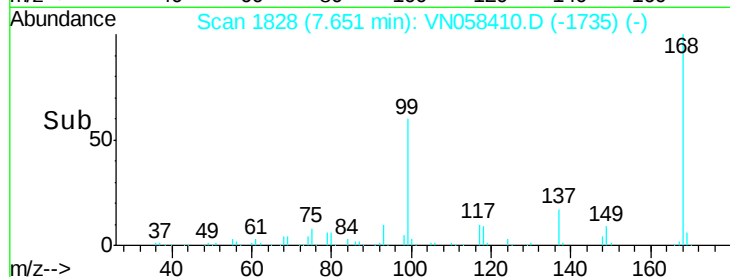
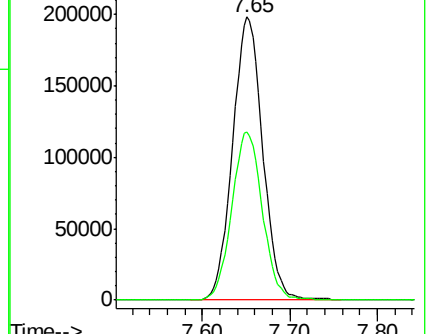
168 100

99 59.6 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: 47.555 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058410.D

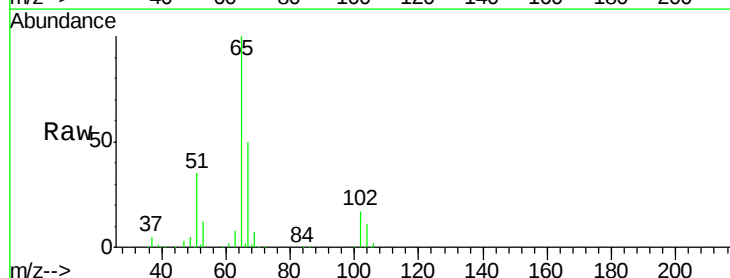
Acq: 27 Sep 2019 16:07

Tgt Ion: 65 Resp: 329371

Ion Ratio Lower Upper

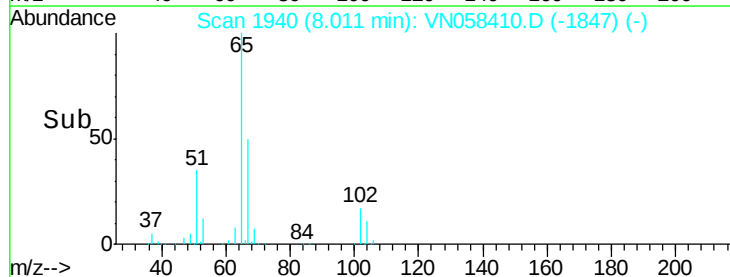
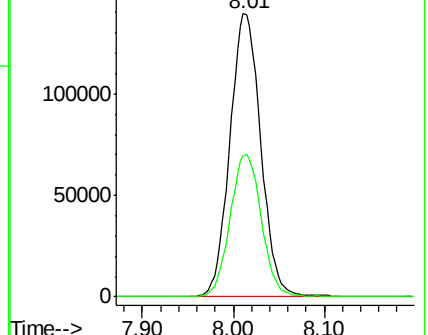
65 100

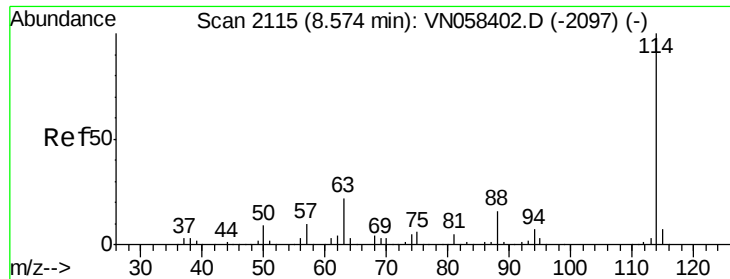
67 50.8 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

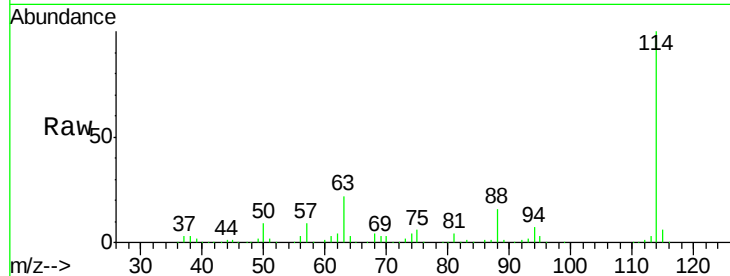




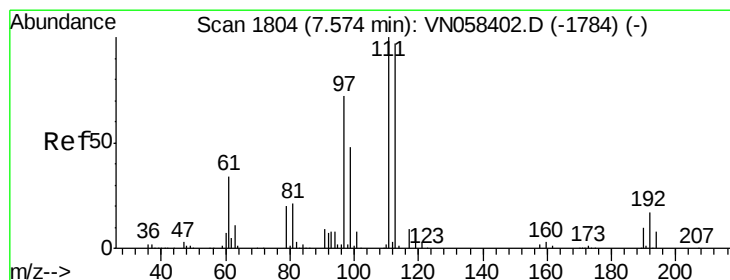
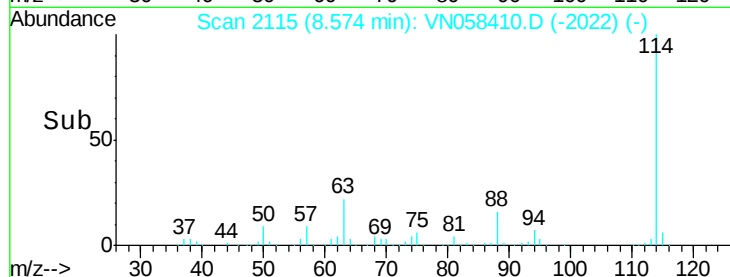
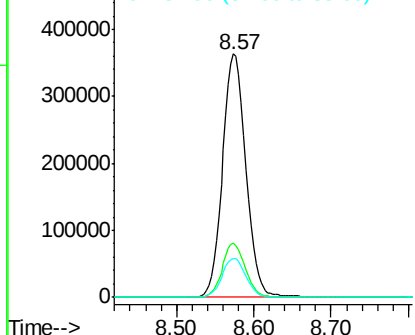
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058410.D
 Acq: 27 Sep 2019 16:07

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	45.0
88	16.1	0.0	32.2

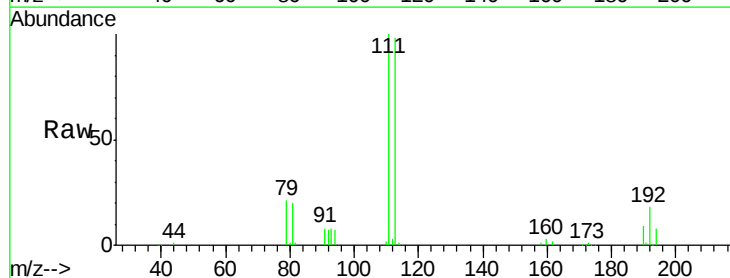


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

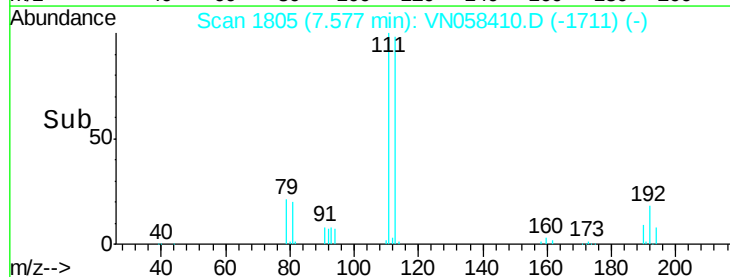
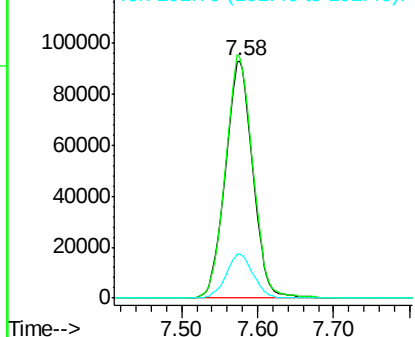


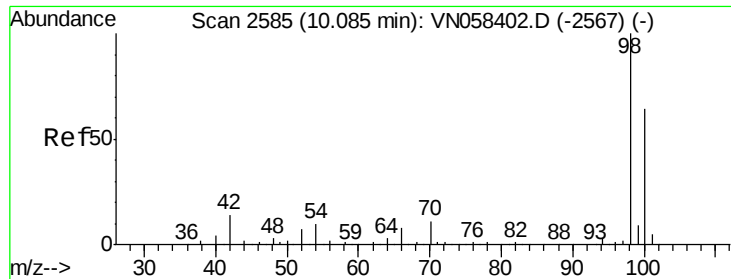
#35
 Dibromofluoromethane
 Concen: 50.023 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058410.D
 Acq: 27 Sep 2019 16:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.4	125.2
192	18.4	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: 51.047 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058410.D

Acq: 27 Sep 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

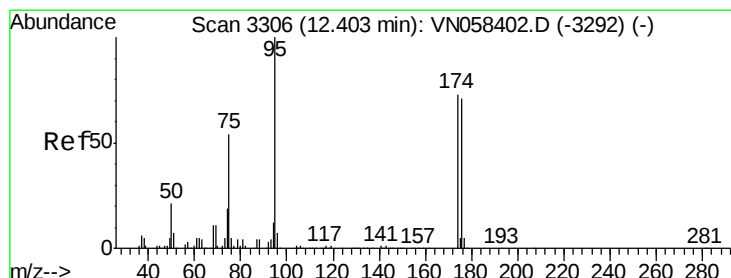
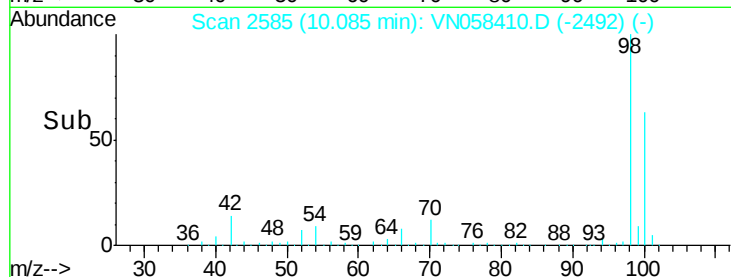
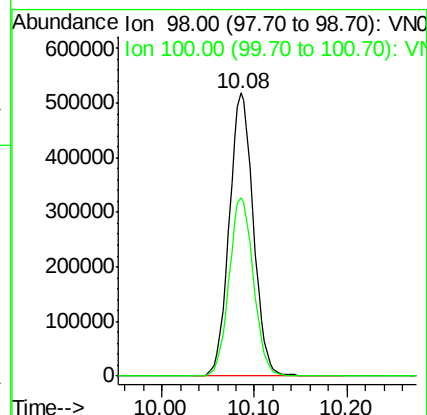
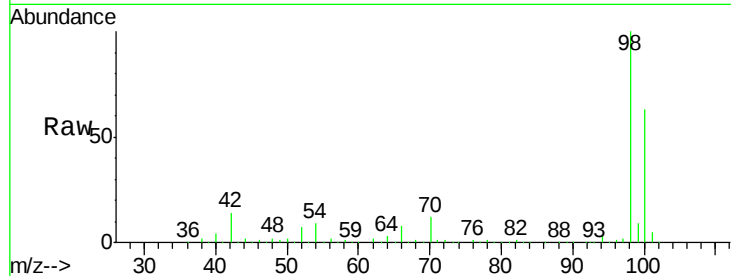
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 98 Resp: 932488

Ion Ratio Lower Upper

98 100

100 63.8 51.0 76.6



#62

4-Bromofluorobenzene

Concen: 46.274 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058410.D

Acq: 27 Sep 2019 16:07

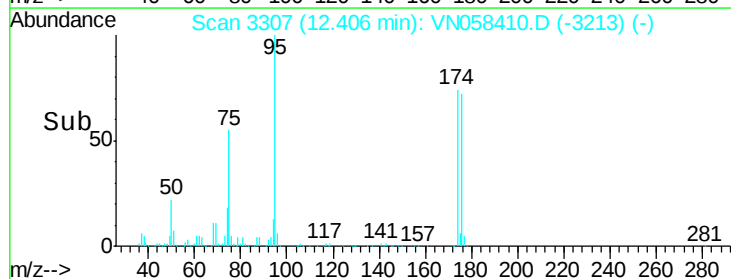
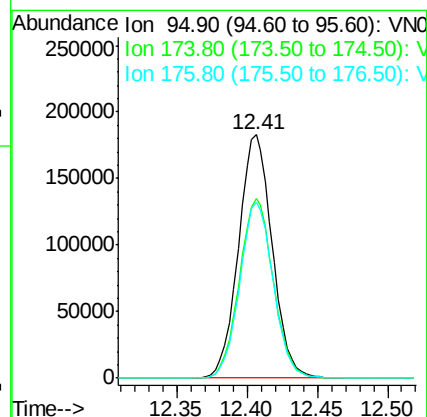
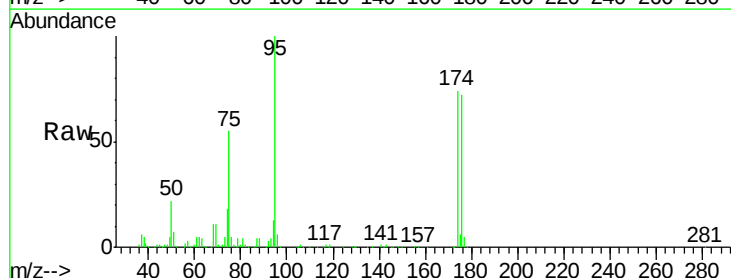
Tgt Ion: 95 Resp: 305644

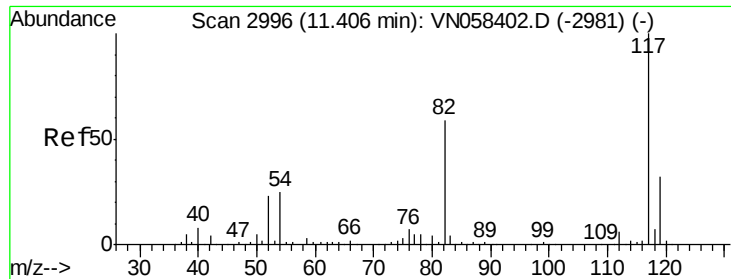
Ion Ratio Lower Upper

95 100

174 74.5 0.0 150.6

176 72.1 0.0 146.2

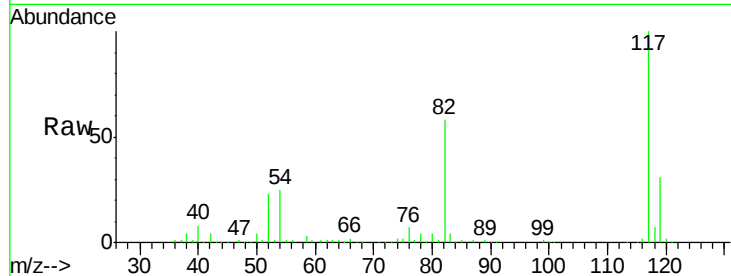




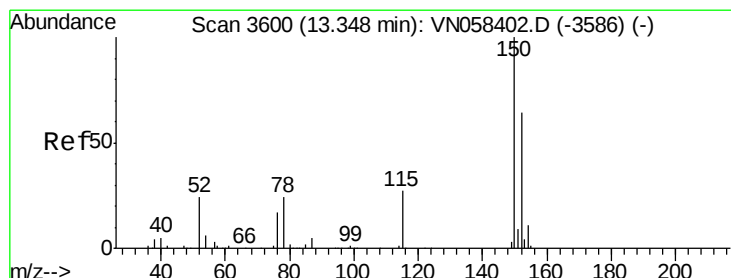
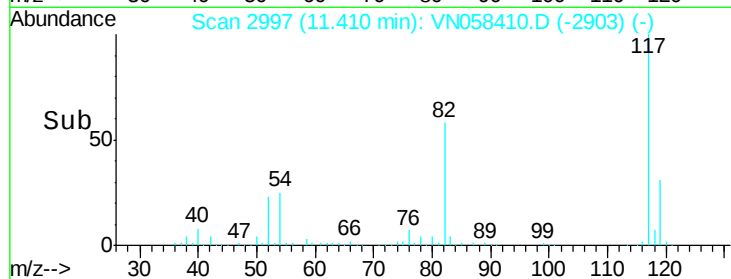
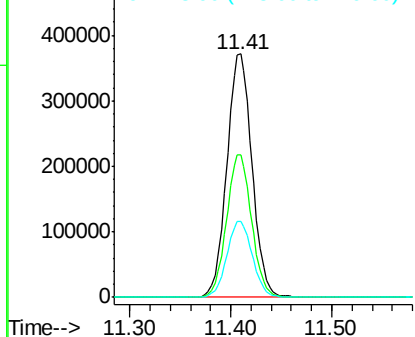
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058410.D
Acq: 27 Sep 2019 16:07

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:117 Resp: 646446
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.0
119 31.3 25.5 38.3

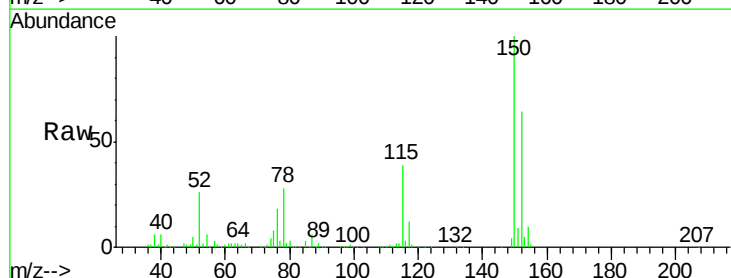


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058410.D
Acq: 27 Sep 2019 16:07

Tgt Ion:152 Resp: 256830
Ion Ratio Lower Upper
152 100
115 61.7 30.0 90.0
150 157.3 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

