

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093019\
 Data File : VN058423.D
 Acq On : 30 Sep 2019 10:46
 Operator : JC/SP
 Sample : K5080-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB01-20190924

Quant Time: Oct 01 02:13:13 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	447951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	722725	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	614050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	242329	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	319147	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
35) Dibromofluoromethane	7.57	113	226032	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	10.08	98	899102	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
62) 4-Bromofluorobenzene	12.41	95	293236	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	

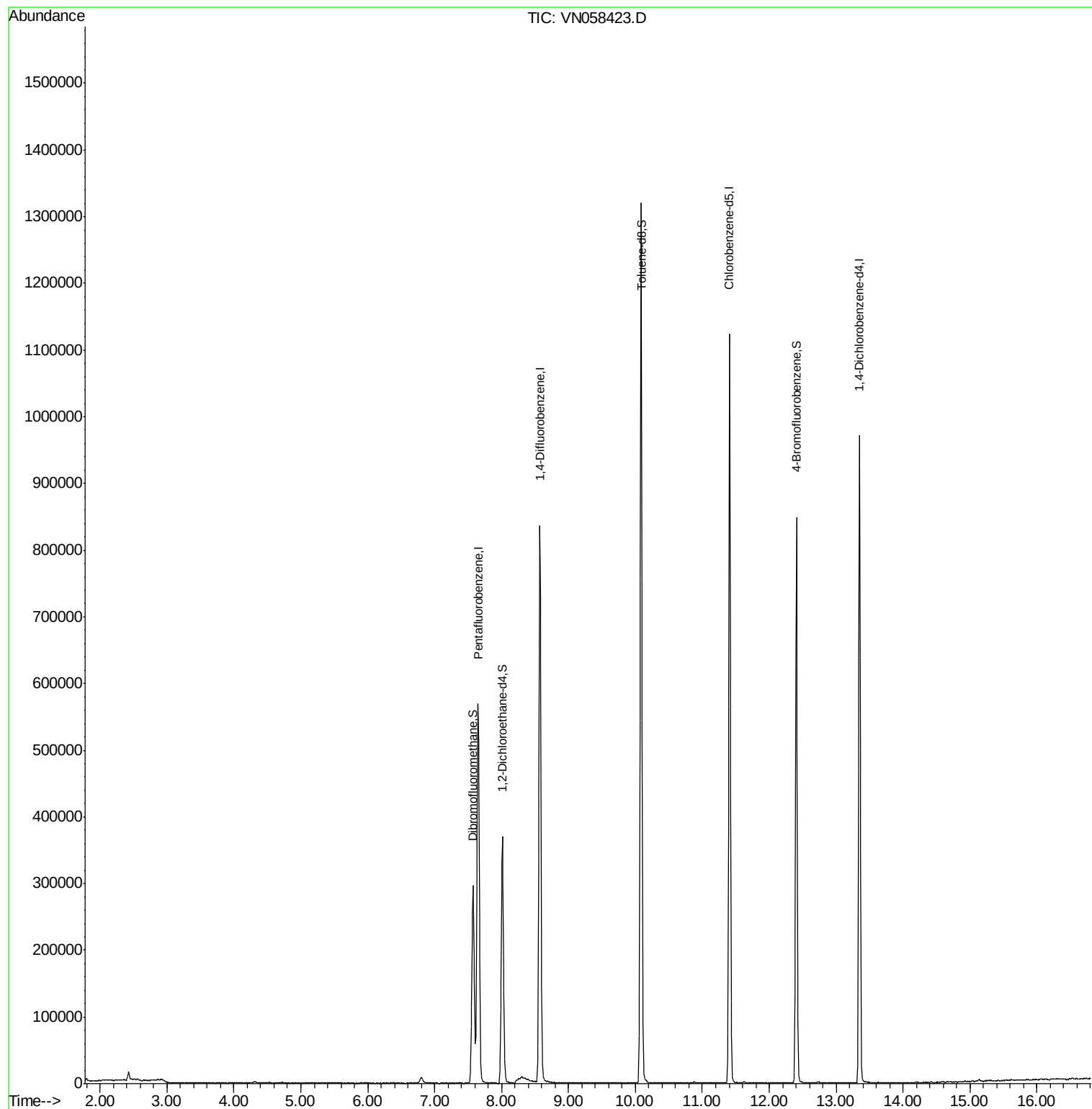
Target Compounds	Qvalue

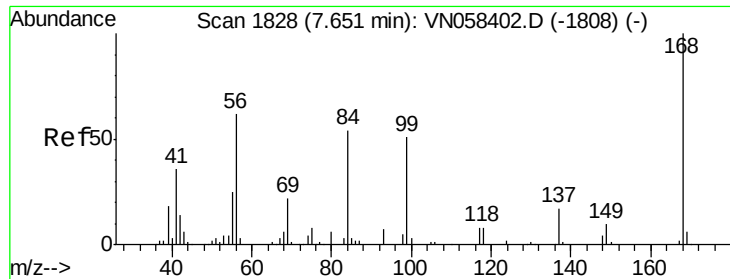
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058423.D

Acq: 30 Sep 2019 10:46

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MSVOA_N

ClientSampleId :

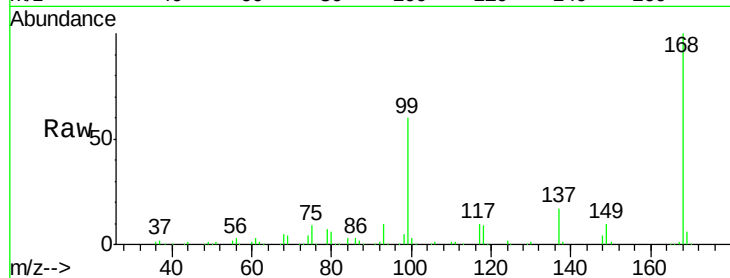
TB01-20190924

Tot Ion:168 Resp: 447951

Ion Ratio Lower Upper

168 100

99 59.8 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

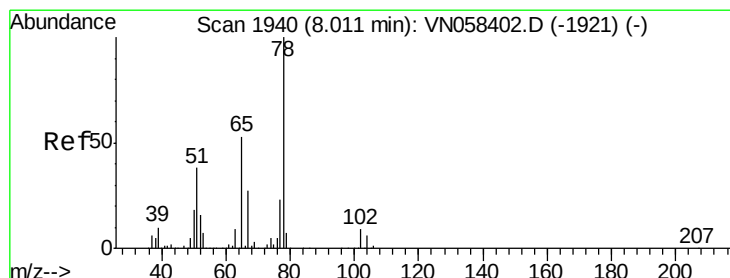
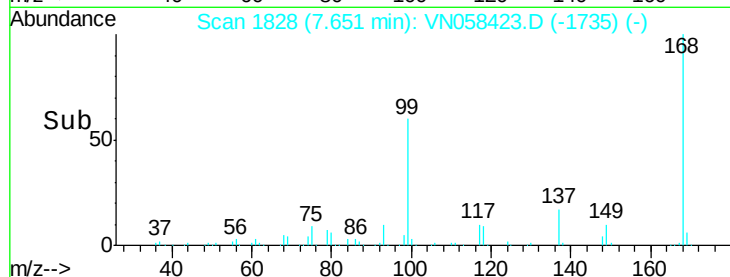
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 48.754 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058423.D

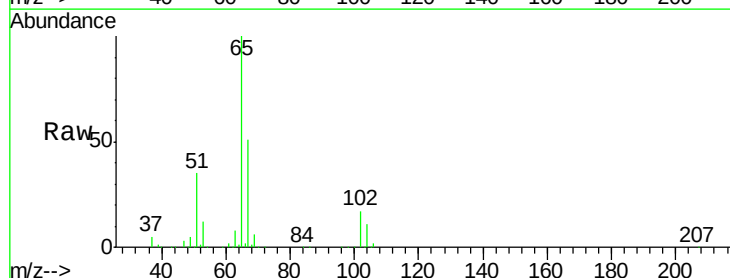
Acq: 30 Sep 2019 10:46

Tgt Ion: 65 Resp: 319147

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.01

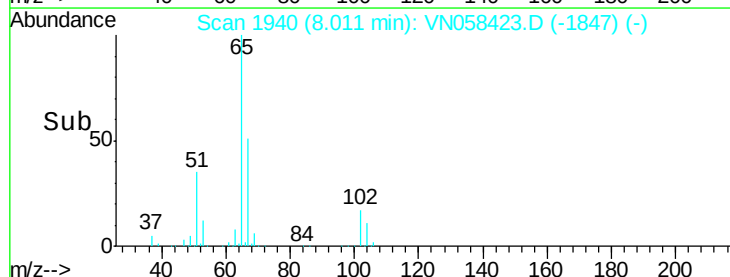
150000

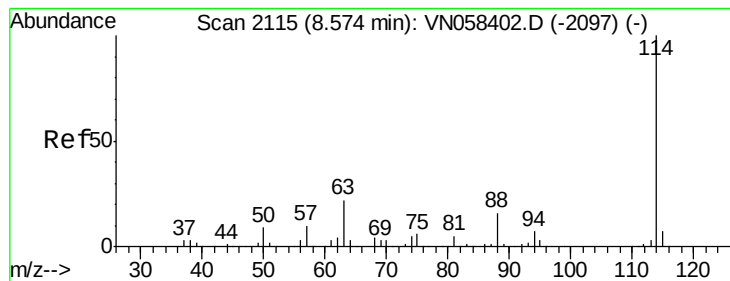
100000

50000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058423.D

Acq: 30 Sep 2019 10:46

Instrument :

MSVOA_N

ClientSampleId :

TB01-20190924

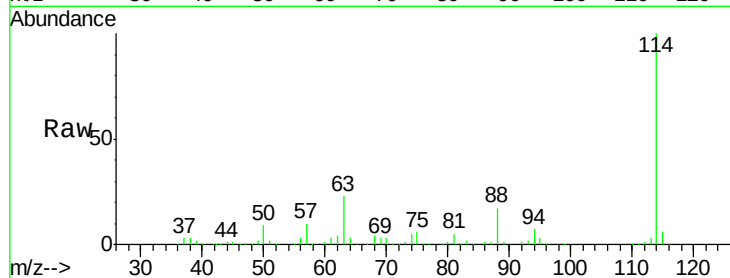
Tot Ion:114 Resp: 722725

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.0

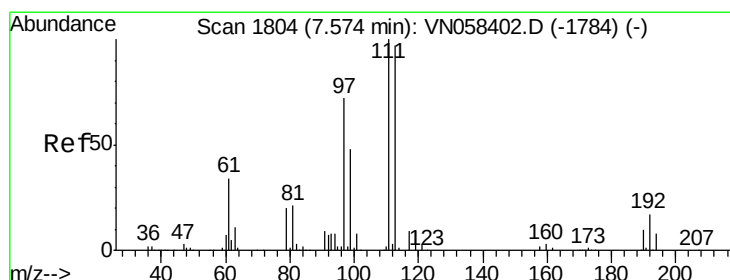
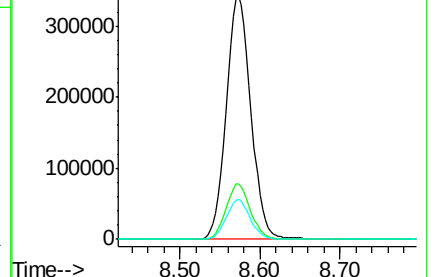
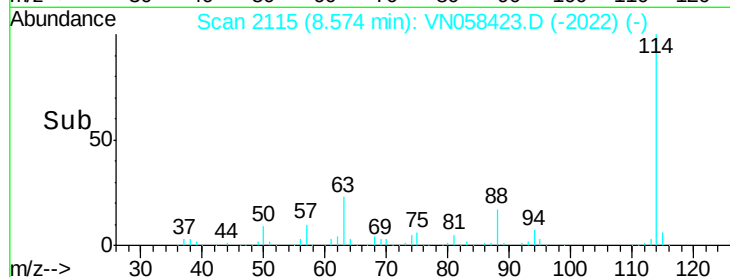
88 16.6 0.0 32.2



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: 51.029 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN058423.D

Acq: 30 Sep 2019 10:46

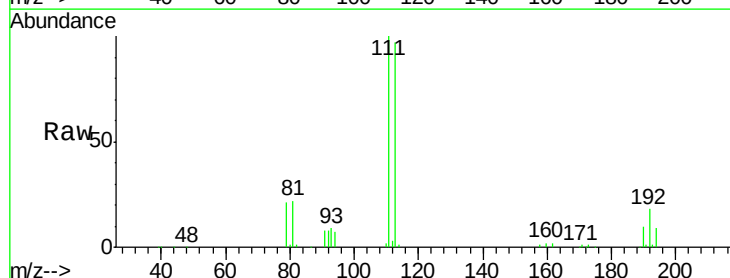
Tgt Ion:113 Resp: 226032

Ion Ratio Lower Upper

113 100

111 103.4 83.4 125.2

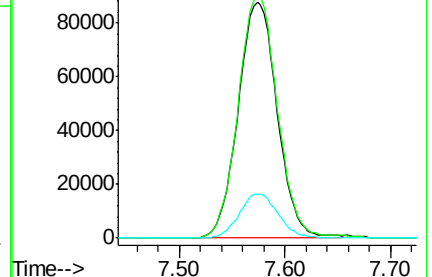
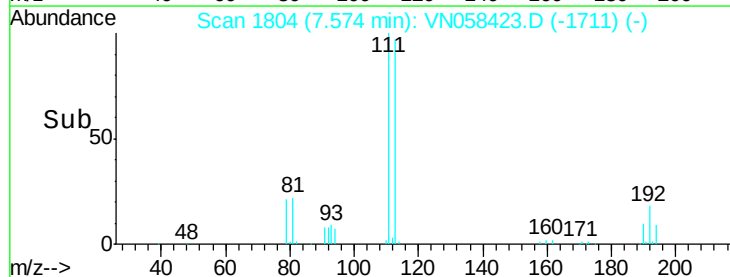
192 18.7 14.9 22.3

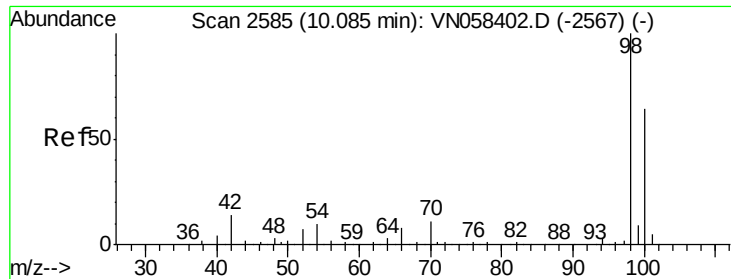


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

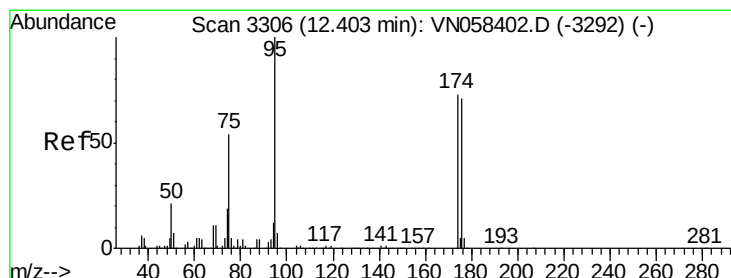
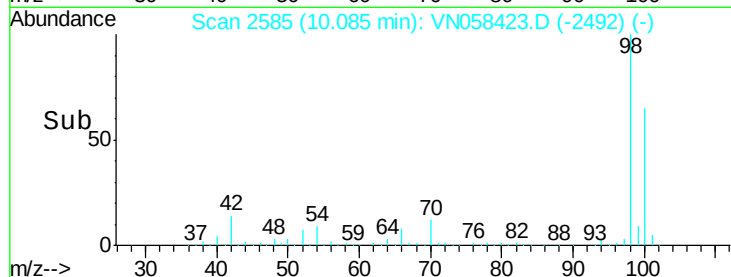
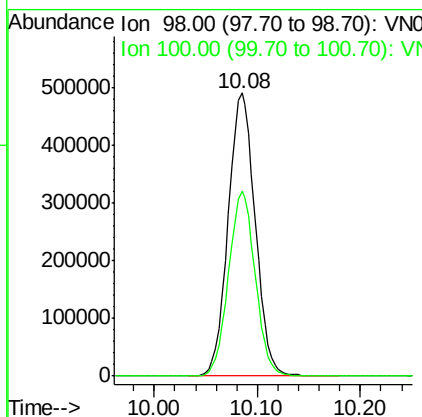
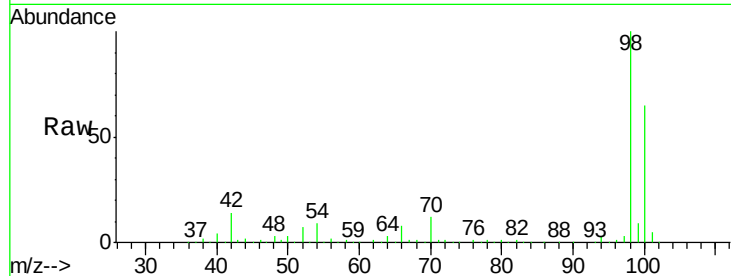




#50
Toluene-d8
Concen: 51.815 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058423.D
Acq: 30 Sep 2019 10:46

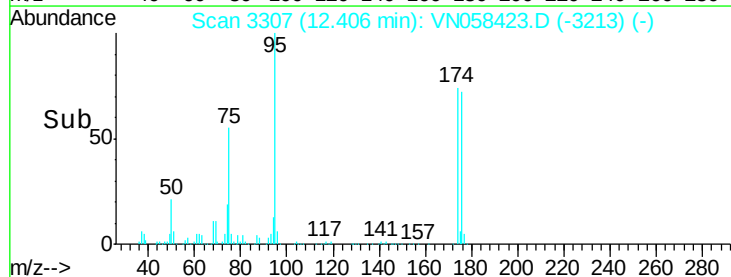
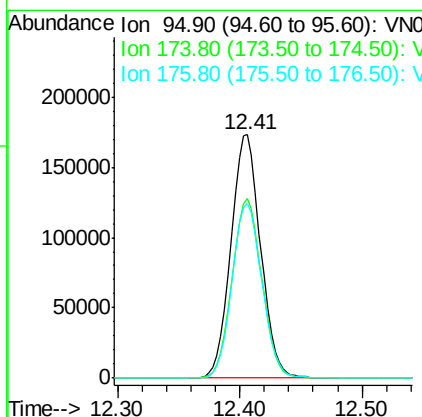
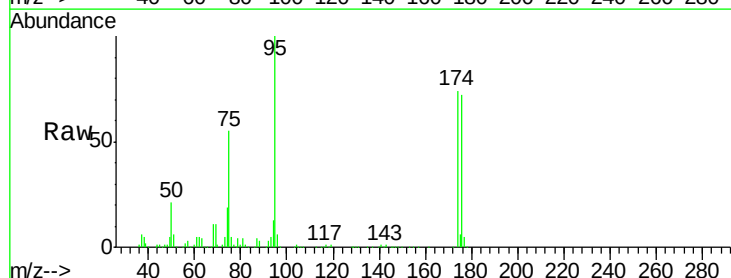
Instrument :
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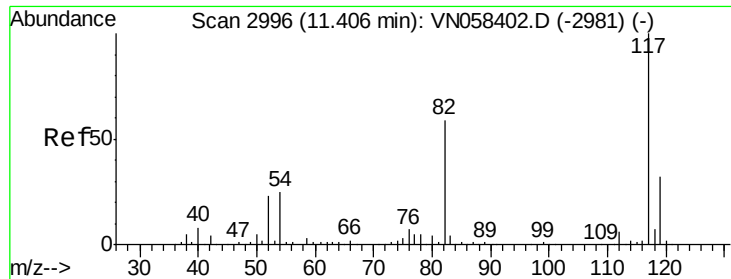
Tot Ion: 98 Resp: 899102
Ion Ratio Lower Upper
98 100
100 64.4 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 46.736 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058423.D
Acq: 30 Sep 2019 10:46

Tgt Ion: 95 Resp: 293236
Ion Ratio Lower Upper
95 100
174 73.9 0.0 150.6
176 72.2 0.0 146.2

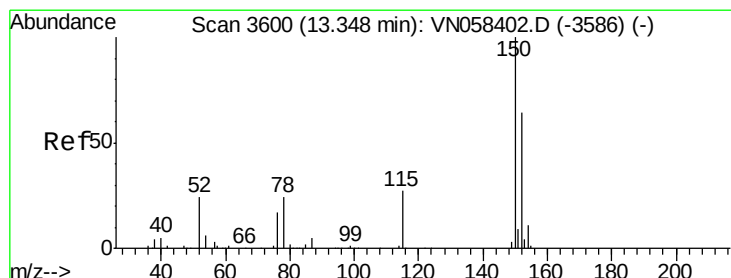
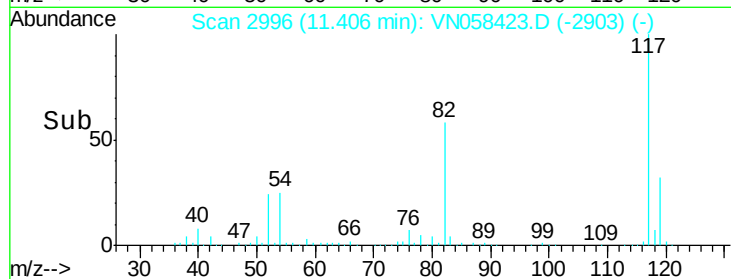
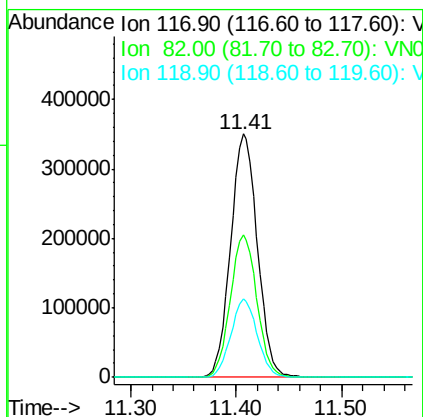
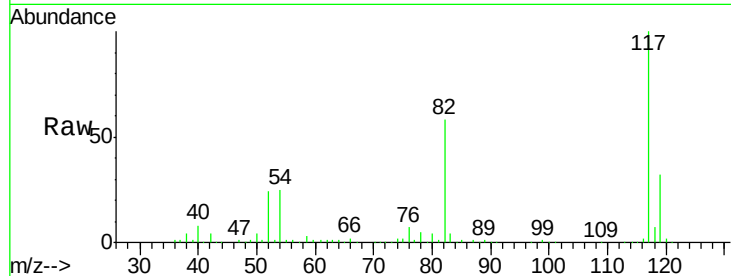




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058423.D
Acq: 30 Sep 2019 10:46

Instrument :
MSVOA_N
ClientSampleId :
TB01-20190924

Tot Ion:117 Resp: 614050
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.0
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN058423.D
Acq: 30 Sep 2019 10:46

Tgt Ion:152 Resp: 242329
Ion Ratio Lower Upper
152 100
115 61.2 30.0 90.0
150 160.2 0.0 348.2

