

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058021.D
 Acq On : 13 Sep 2019 17:10
 Operator : JC/SP
 Sample : VN0914WBL03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBL03

Quant Time: Sep 14 04:00:55 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	314794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	514169	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	458796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	236136	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	339625	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
35) Dibromofluoromethane	7.58	113	233641	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
50) Toluene-d8	10.09	98	919446	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.40	95	295179	42.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.08%	

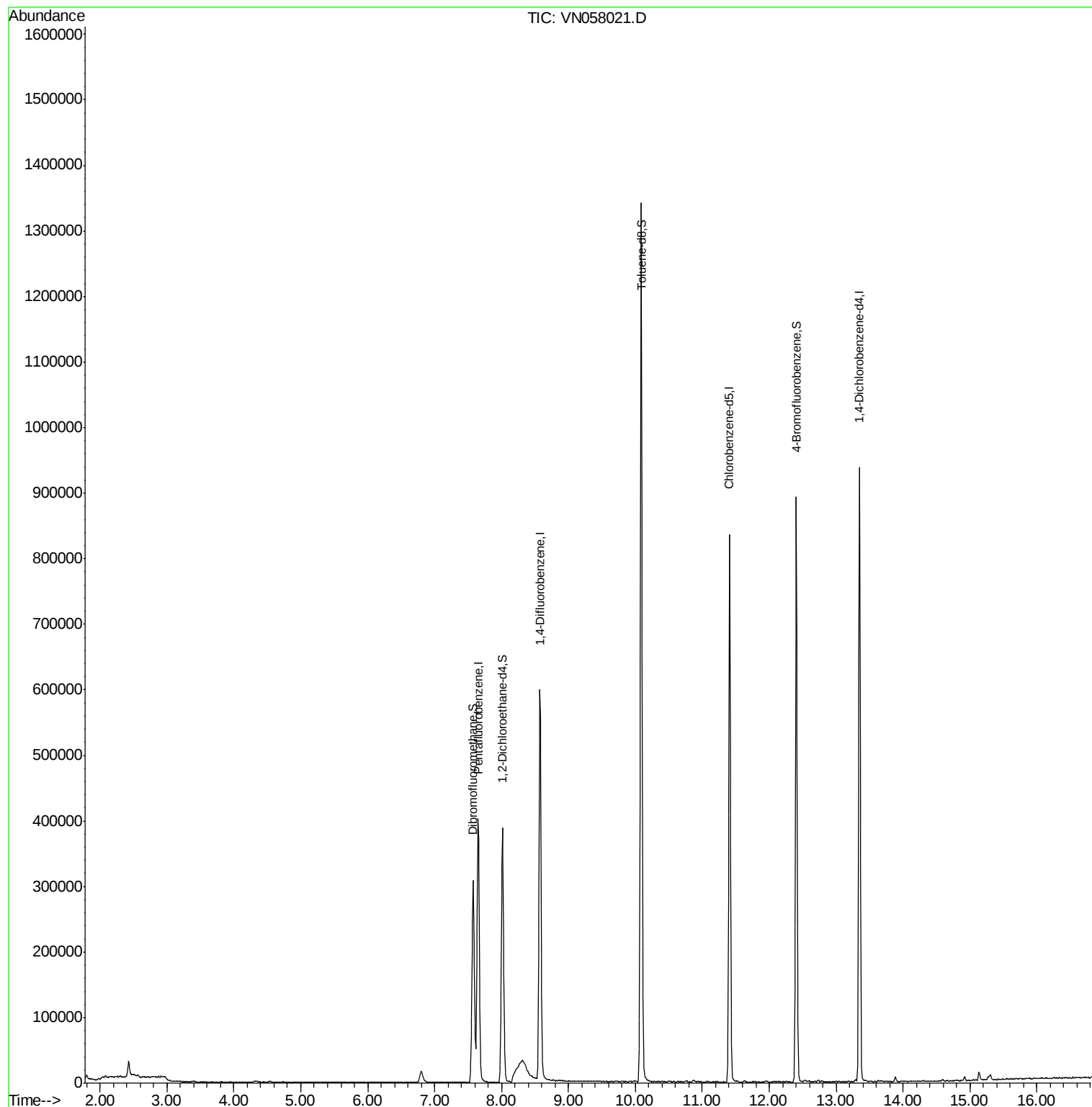
Target Compounds	Qvalue

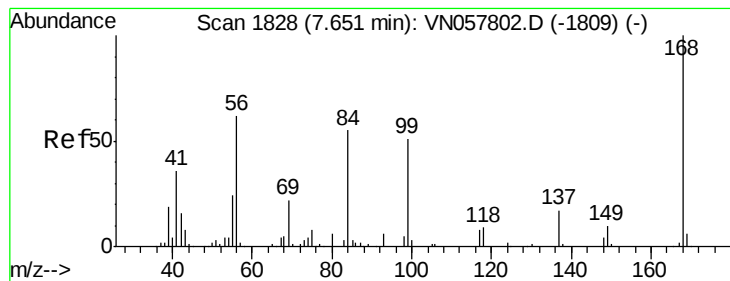
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 10 03:02:13 2019
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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: VN058021.D

Acq: 13 Sep 2019 17:10

Instrument :

MSVOA_N

ClientSampled :

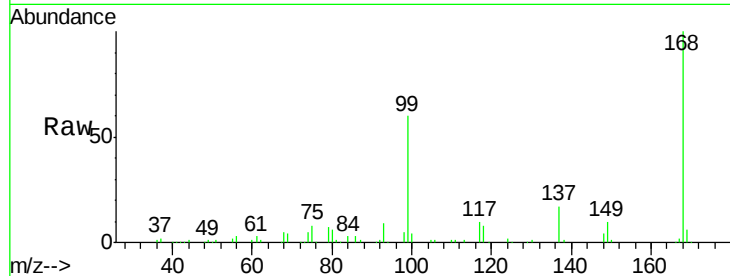
VN0914WBL03

Tot Ion:168 Resp: 314794

Ion Ratio Lower Upper

168 100

99 60.4 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

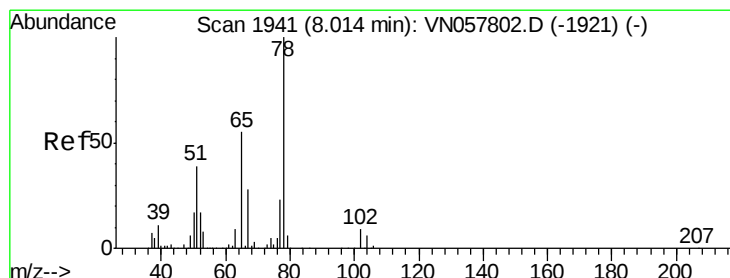
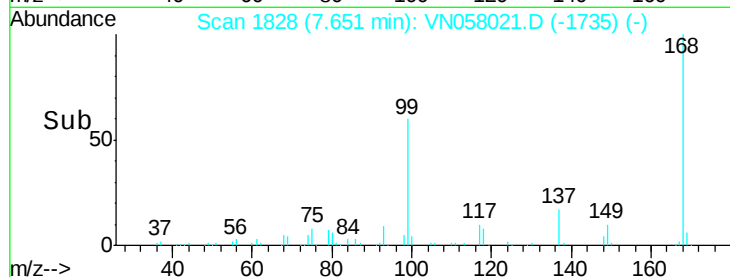
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 53.267 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058021.D

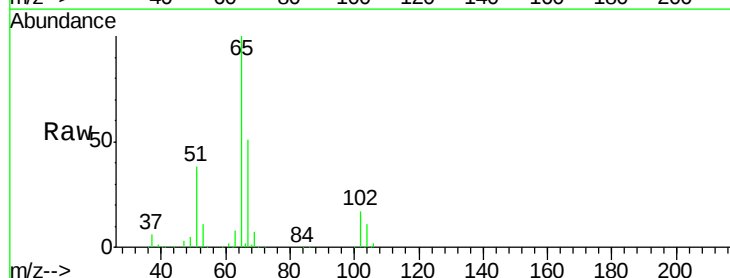
Acq: 13 Sep 2019 17:10

Tgt Ion: 65 Resp: 339625

Ion Ratio Lower Upper

65 100

67 51.1 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.01

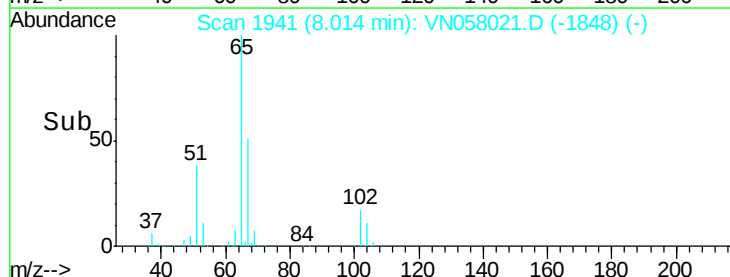
150000

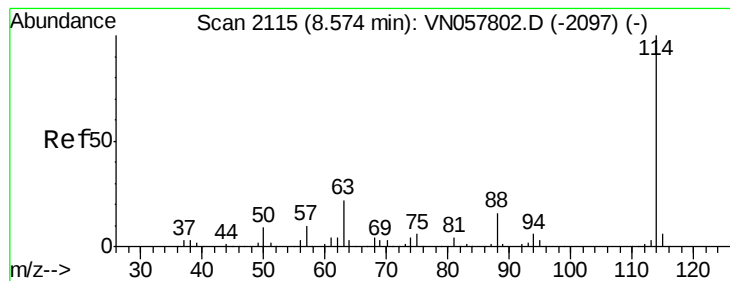
100000

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: VN058021.D

Acq: 13 Sep 2019 17:10

Instrument :

MSVOA_N

ClientSampleId :

VN0914WBL03

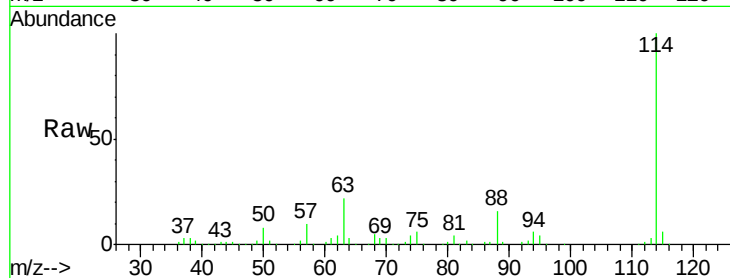
Tot Ion:114 Resp: 514169

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.0

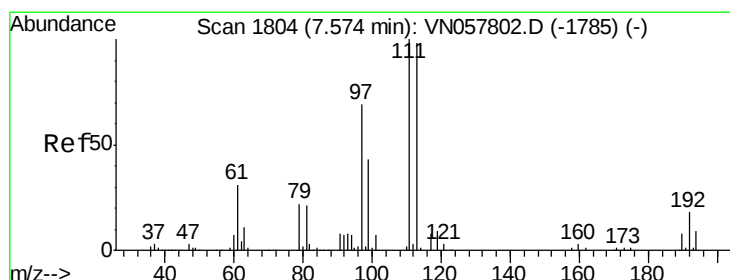
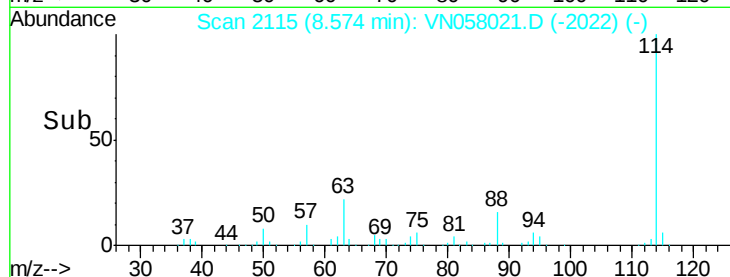
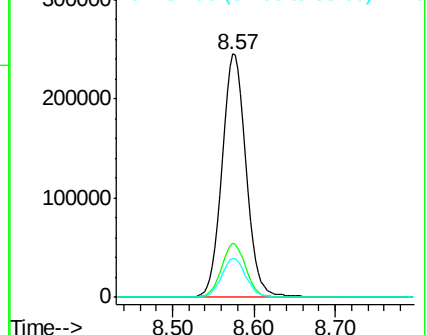
88 16.2 0.0 31.4



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: 49.233 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN058021.D

Acq: 13 Sep 2019 17:10

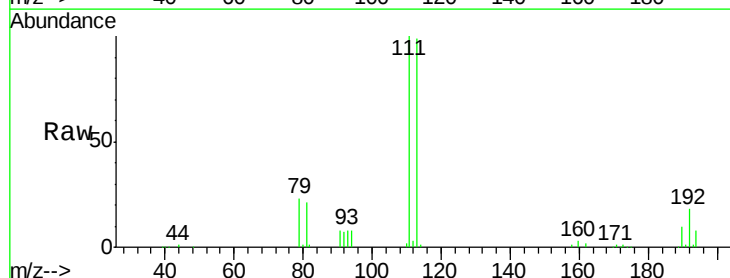
Tgt Ion:113 Resp: 233641

Ion Ratio Lower Upper

113 100

111 102.2 81.3 121.9

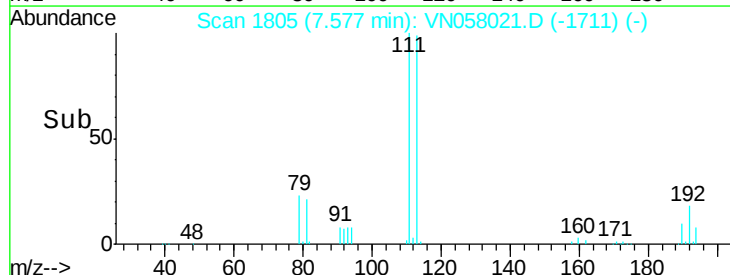
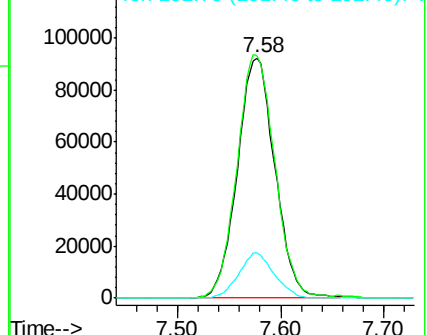
192 17.7 14.6 22.0

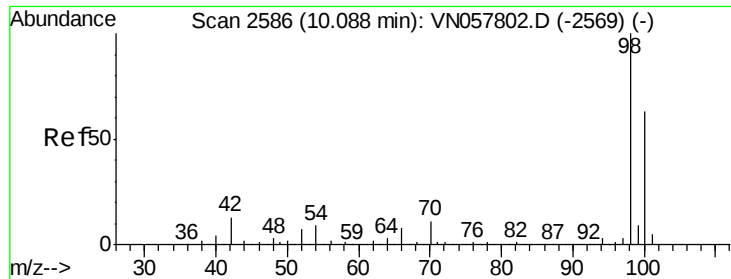


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.902 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058021.D

Acq: 13 Sep 2019 17:10

Instrument :

MSVOA_N

ClientSampled :

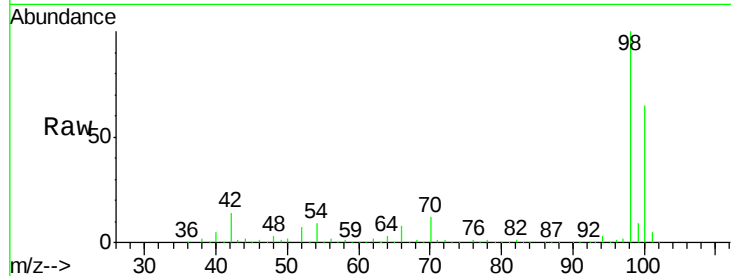
VN0914WBL03

Tot Ion: 98 Resp: 919446

Ion Ratio Lower Upper

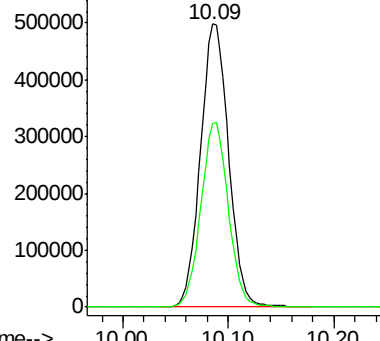
98 100

100 63.6 50.3 75.5

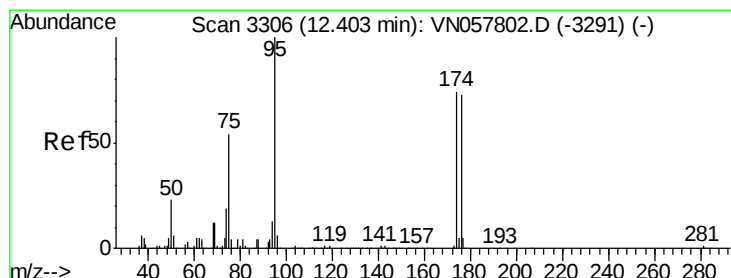
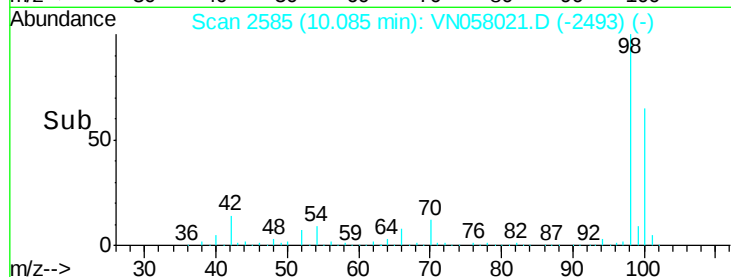


Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



Time-->



#62

4-Bromofluorobenzene

Concen: 42.039 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058021.D

Acq: 13 Sep 2019 17:10

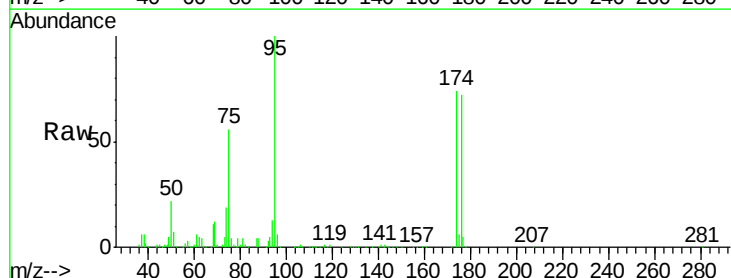
Tgt Ion: 95 Resp: 295179

Ion Ratio Lower Upper

95 100

174 74.1 0.0 150.2

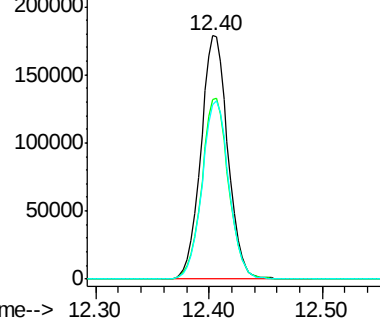
176 73.4 0.0 146.0



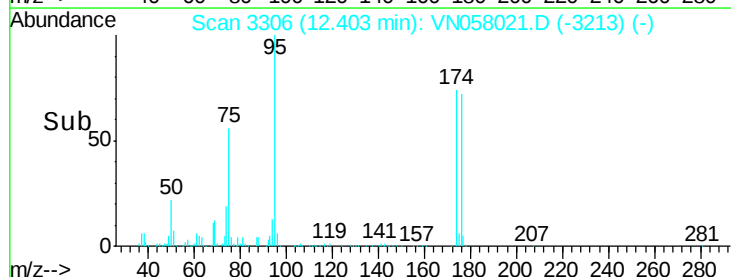
Abundance Ion 94.90 (94.60 to 95.60): VN0

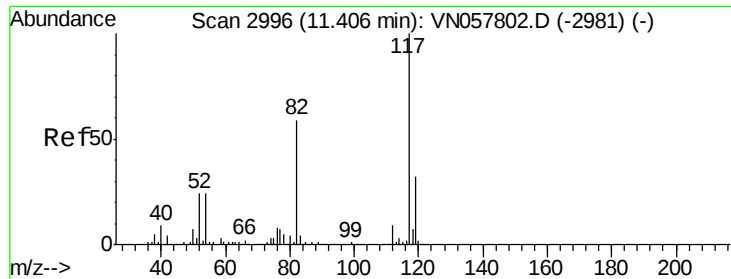
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

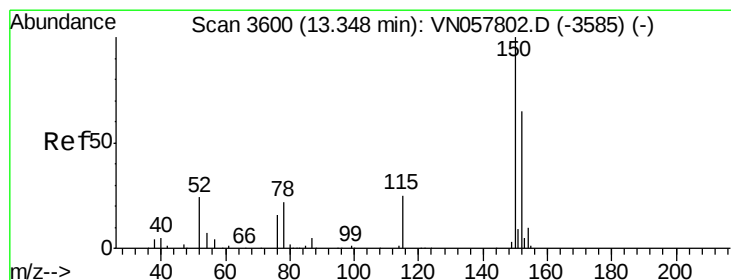
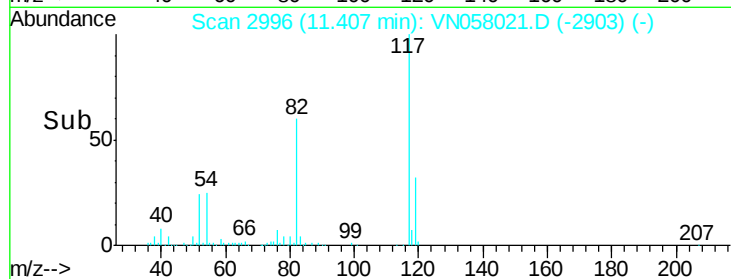
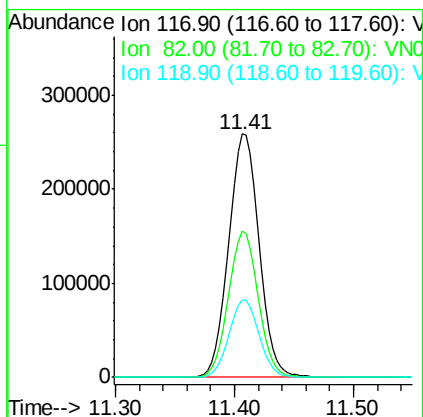
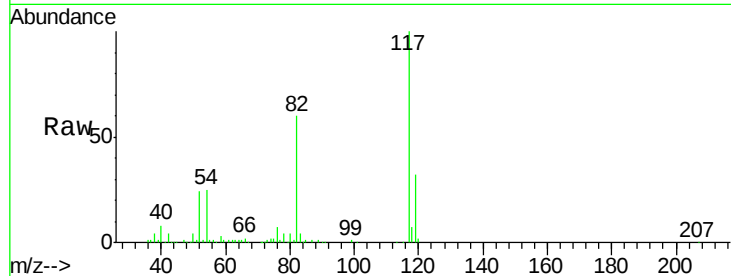




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058021.D
Acq: 13 Sep 2019 17:10

Instrument :
MSVOA_N
ClientSampleId :
VN0914WBL03

Tot Ion:117 Resp: 458796
Ion Ratio Lower Upper
117 100
82 59.8 47.2 70.8
119 31.9 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058021.D
Acq: 13 Sep 2019 17:10

Tgt Ion:152 Resp: 236136
Ion Ratio Lower Upper
152 100
115 59.8 30.3 91.0
150 157.3 0.0 352.4

