

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092719\
 Data File : VN058406.D
 Acq On : 27 Sep 2019 14:39
 Operator : JC/SP
 Sample : VN0927WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0927WBL01

Quant Time: Sep 30 08:14:59 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	458772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	786396	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	681318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	286840	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	345885	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
35) Dibromofluoromethane	7.57	113	240425	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
50) Toluene-d8	10.09	98	945046	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.41	95	314750	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	

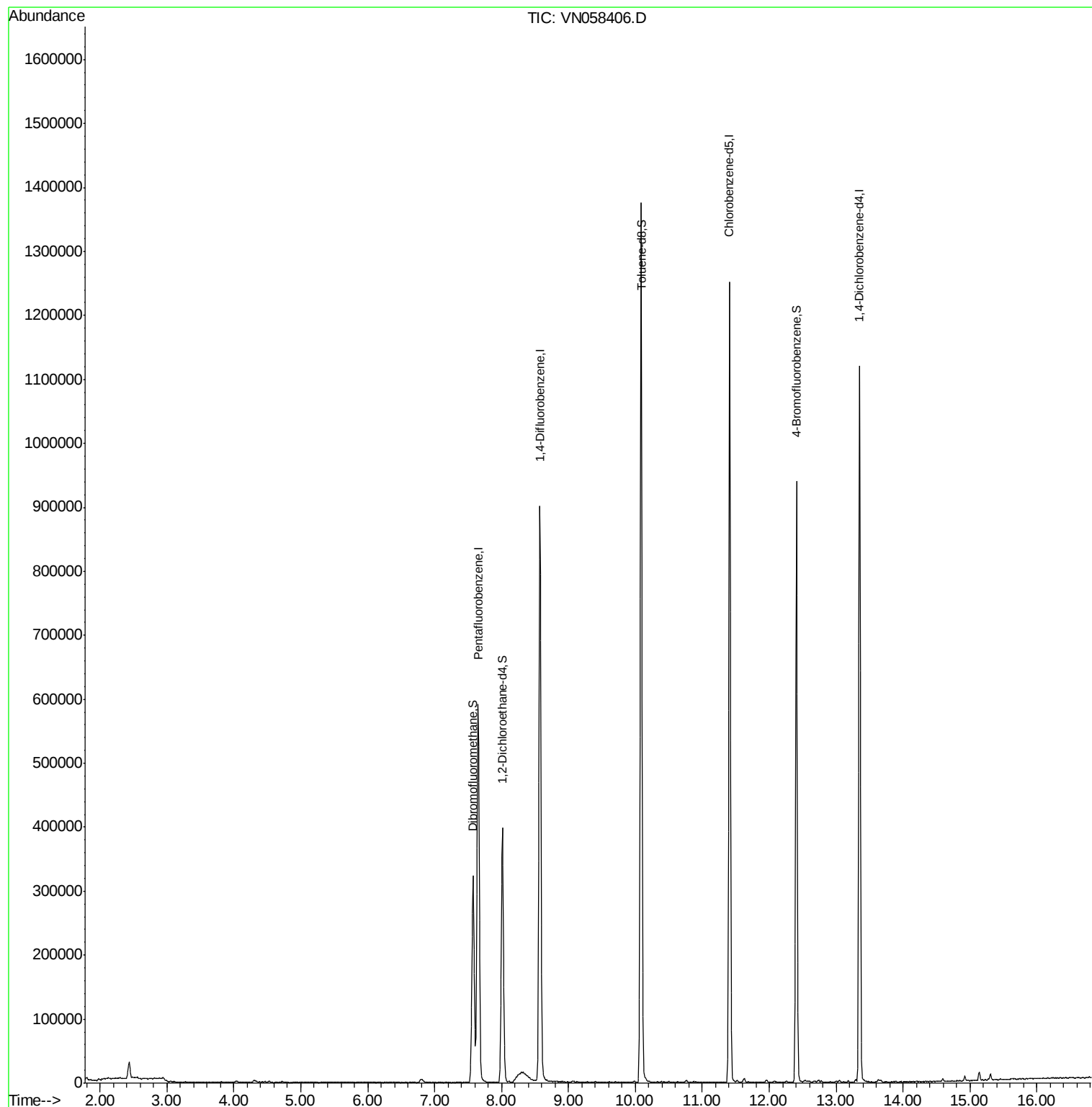
Target Compounds	Qvalue

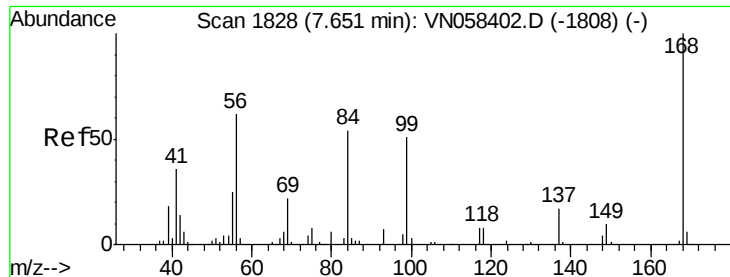
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092719\
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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: VN058406.D

Acq: 27 Sep 2019 14:39

Instrument :

MSVOA_N

ClientSampleId :

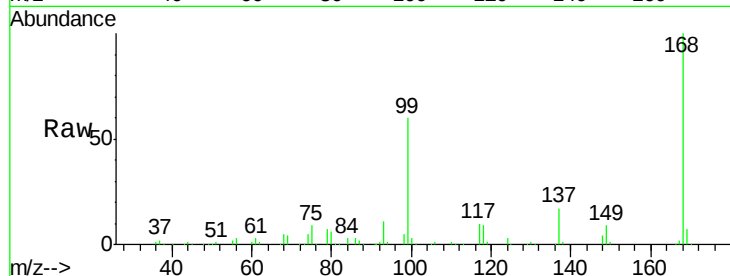
VN0927WBL01

Tot Ion:168 Resp: 458772

Ion Ratio Lower Upper

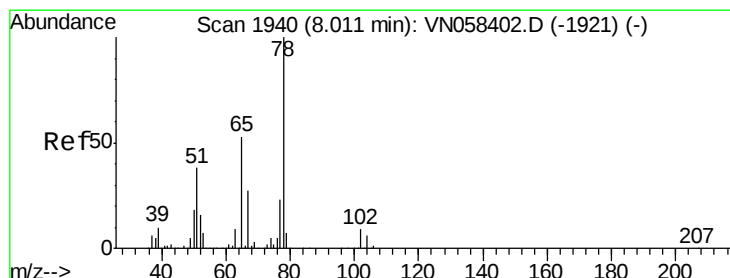
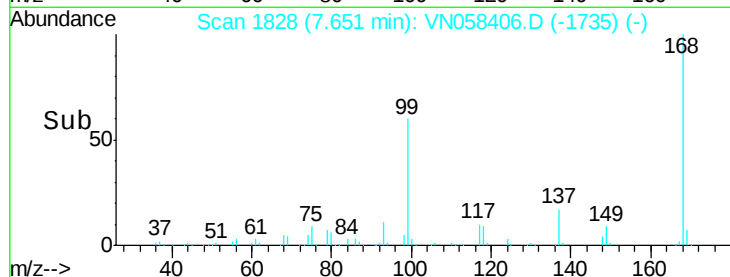
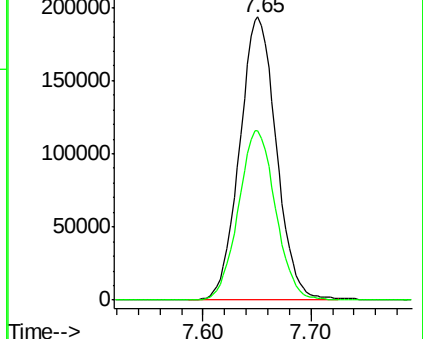
168 100

99 60.0 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: 51.592 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058406.D

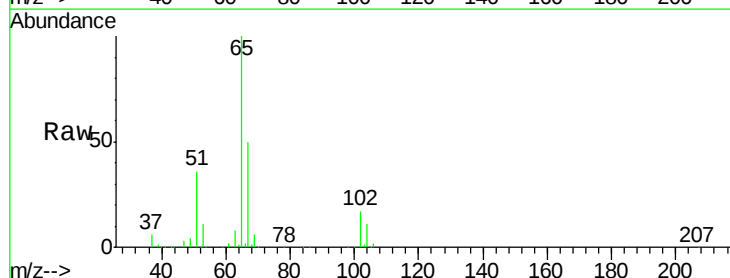
Acq: 27 Sep 2019 14:39

Tgt Ion: 65 Resp: 345885

Ion Ratio Lower Upper

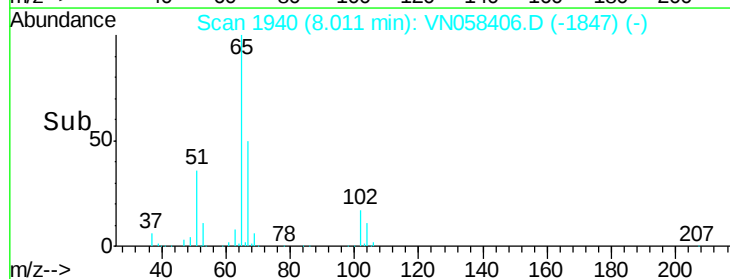
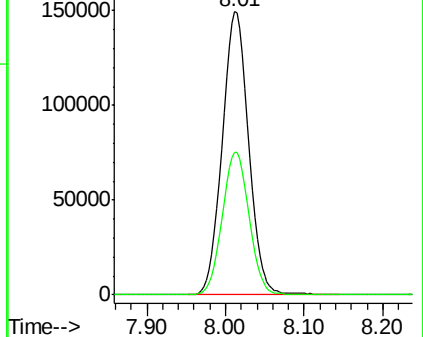
65 100

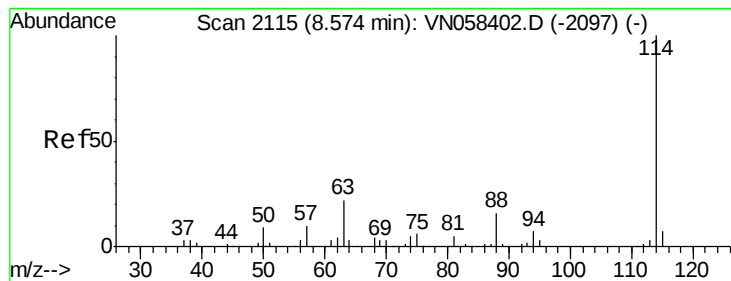
67 51.1 0.0 102.4



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: VN058406.D

Acq: 27 Sep 2019 14:39

Instrument :

MSVOA_N

ClientSampleId :

VN0927WBL01

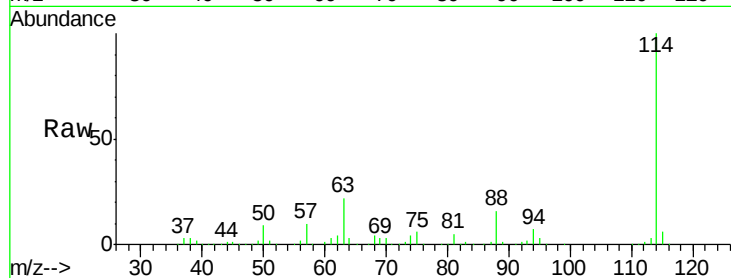
Tot Ion:114 Resp: 786396

Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.0

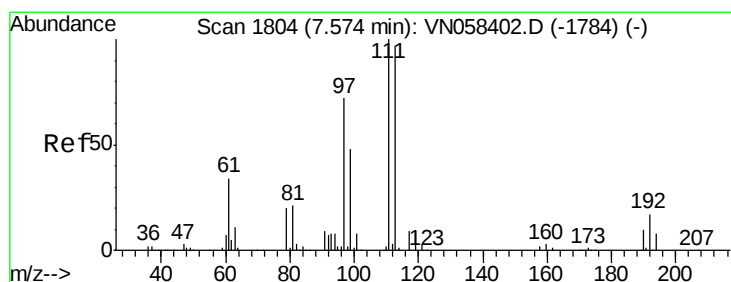
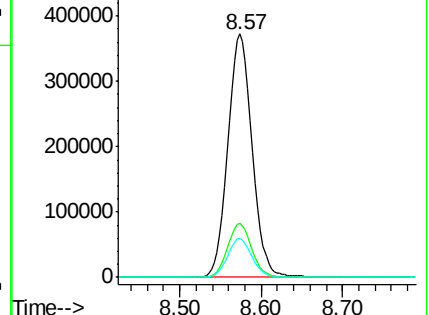
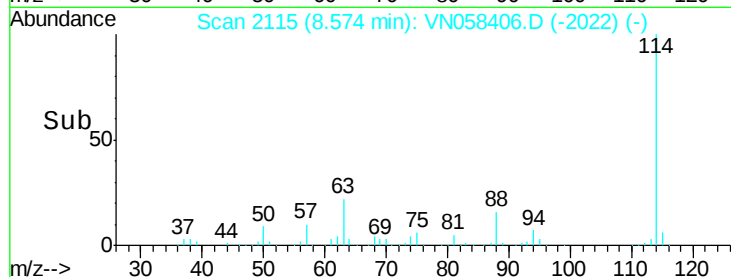
88 16.0 0.0 32.2



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: 49.883 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN058406.D

Acq: 27 Sep 2019 14:39

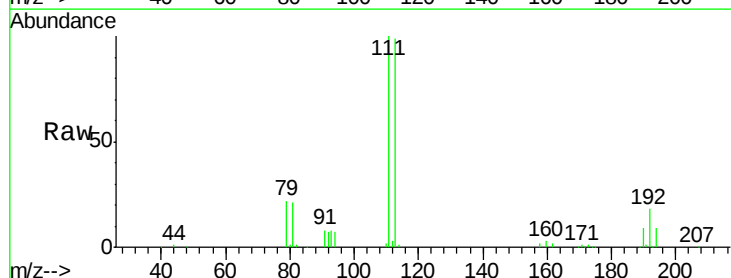
Tgt Ion:113 Resp: 240425

Ion Ratio Lower Upper

113 100

111 104.1 83.4 125.2

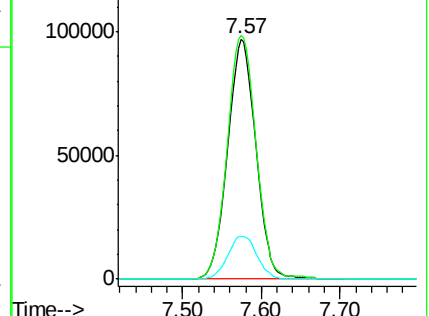
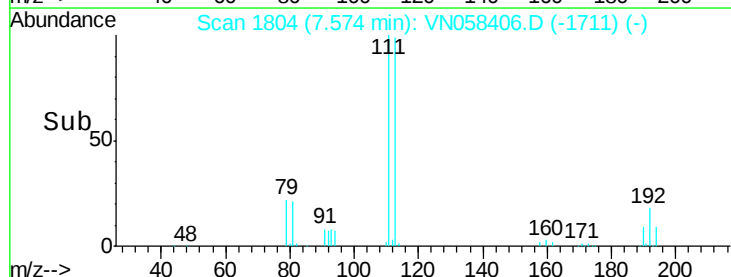
192 18.5 14.9 22.3

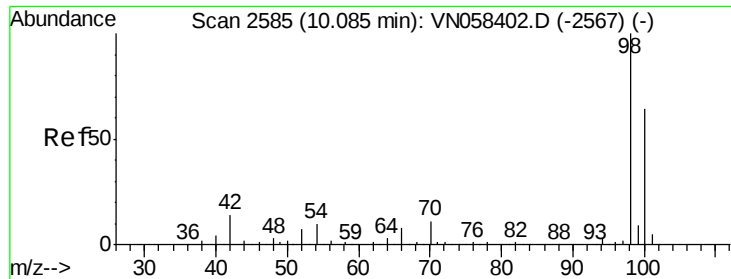


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.053 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058406.D

Acq: 27 Sep 2019 14:39

Instrument :

MSVOA_N

ClientSampled :

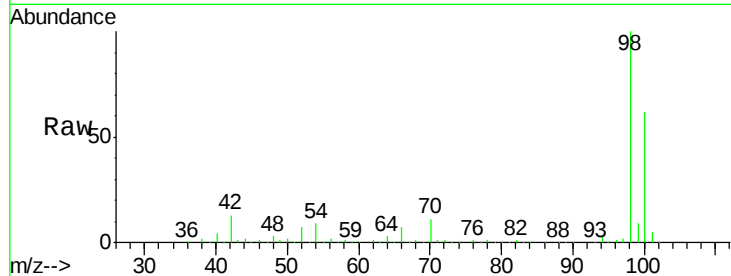
VN0927WBL01

Tot Ion: 98 Resp: 945046

Ion Ratio Lower Upper

98 100

100 63.7 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

600000

500000

400000

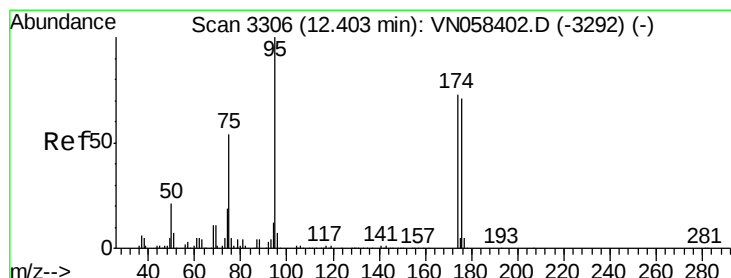
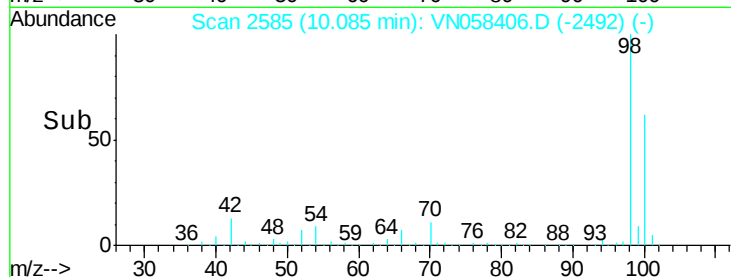
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.104 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058406.D

Acq: 27 Sep 2019 14:39

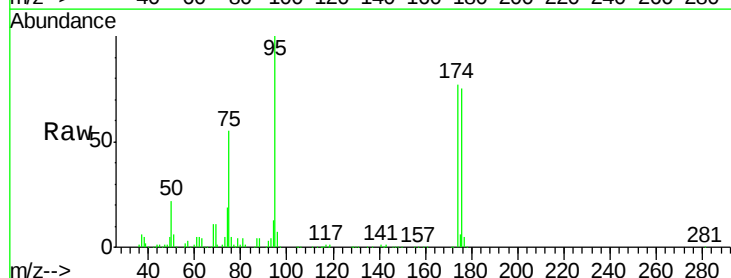
Tgt Ion: 95 Resp: 314750

Ion Ratio Lower Upper

95 100

174 75.9 0.0 150.6

176 73.5 0.0 146.2



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

12.41

250000

200000

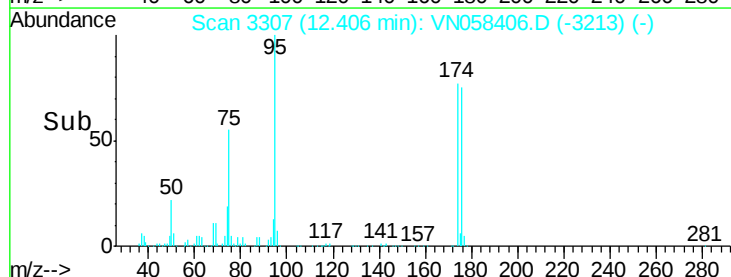
150000

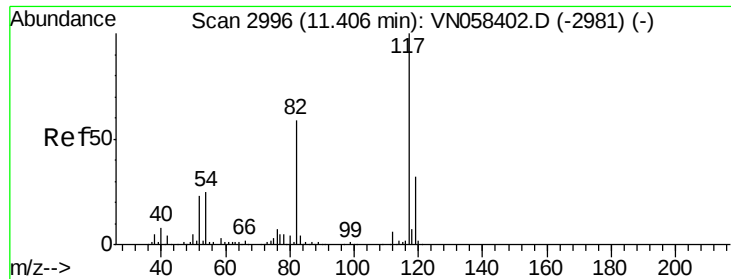
100000

50000

0

Time-->

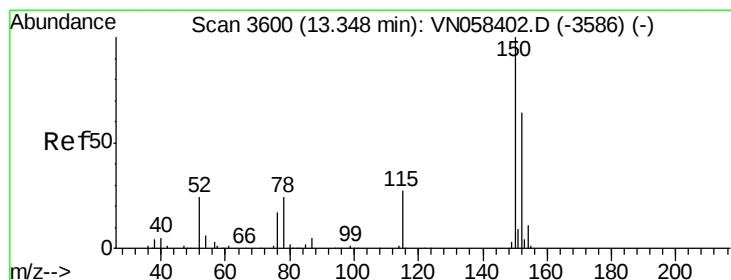
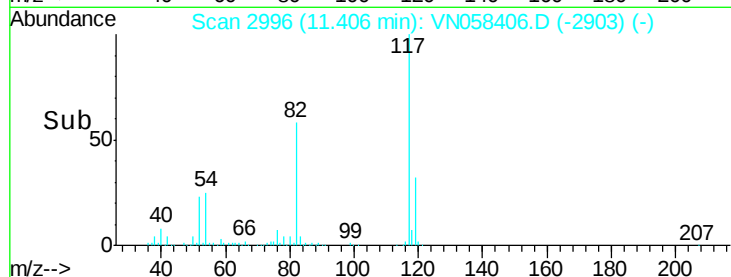
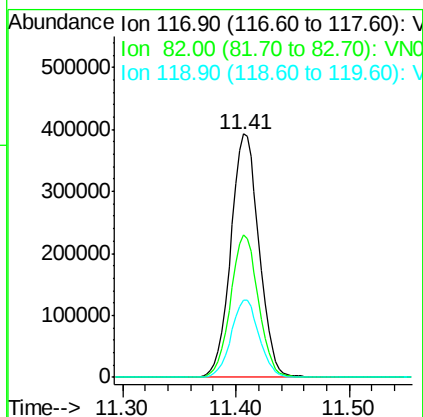
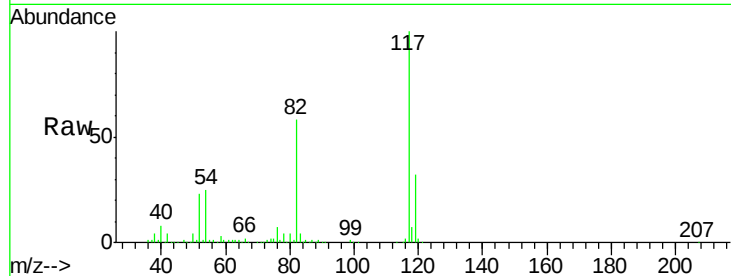




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058406.D
Acq: 27 Sep 2019 14:39

Instrument :
MSVOA_N
ClientSampled :
VN0927WBL01

Tot Ion:117 Resp: 681318
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.0
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058406.D
Acq: 27 Sep 2019 14:39

Tgt Ion:152 Resp: 286840
Ion Ratio Lower Upper
152 100
115 60.5 30.0 90.0
150 156.7 0.0 348.2

