

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091719\
 Data File : VN058139.D
 Acq On : 17 Sep 2019 11:21
 Operator : JC/SP
 Sample : K4871-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VE-1-2

Quant Time: Sep 18 07:52:37 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	325388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	526046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	471020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	258783	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	327381	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
35) Dibromofluoromethane	7.58	113	225489	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	
50) Toluene-d8	10.08	98	843309	44.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.48%	
62) 4-Bromofluorobenzene	12.40	95	291362	40.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.12%	

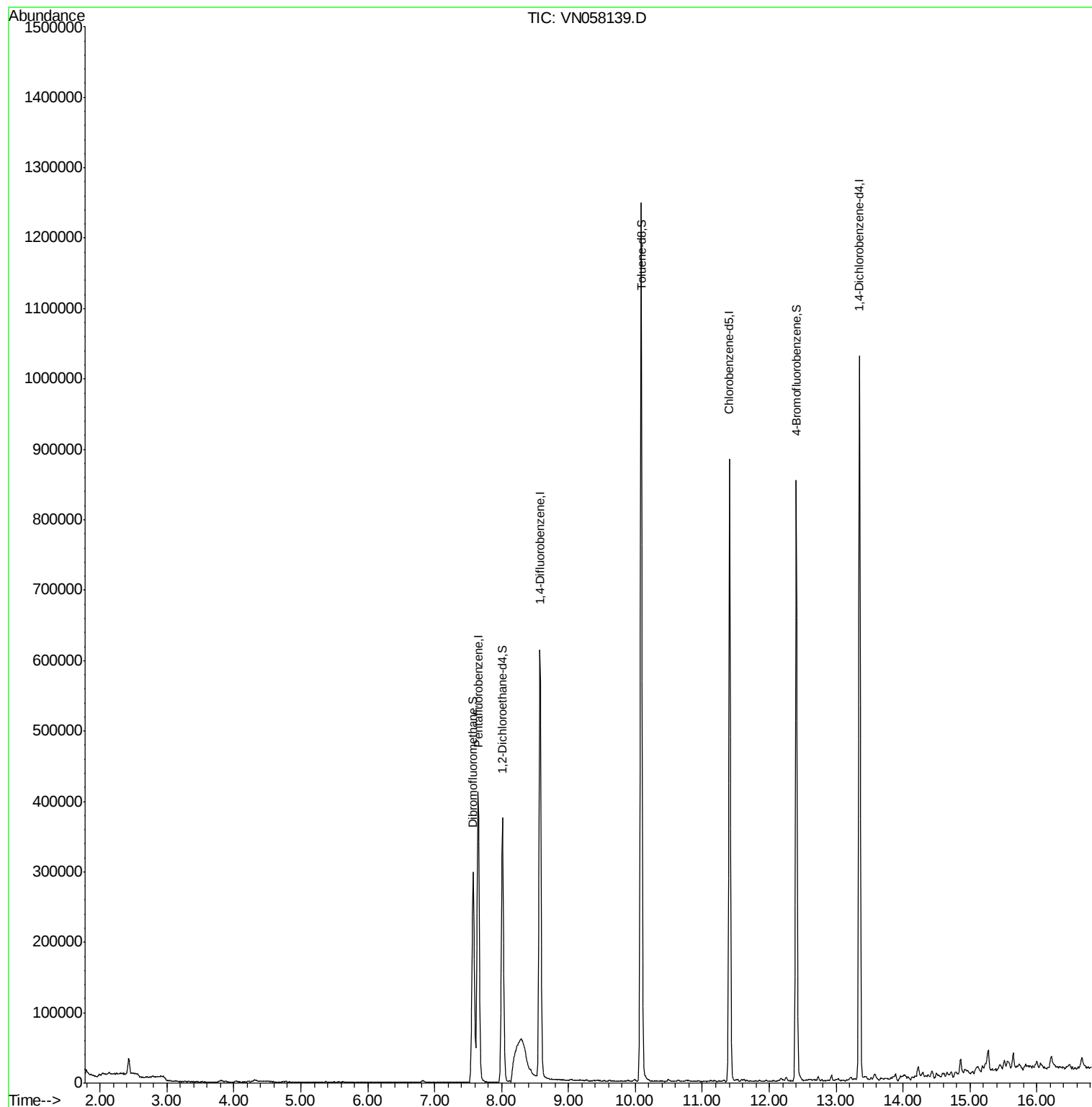
Target Compounds	Qvalue

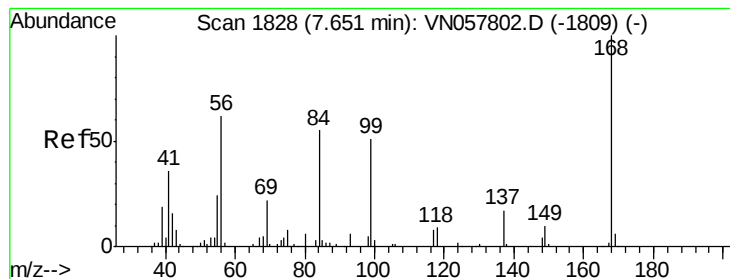
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091719\
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QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058139.D

Acq: 17 Sep 2019 11:21

Instrument :

MSVOA_N

ClientSampled :

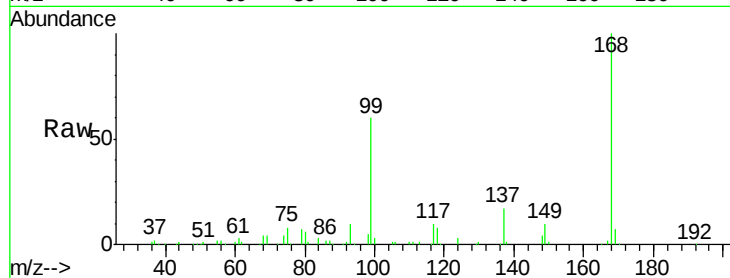
VE-1-2

Tot Ion:168 Resp: 325388

Ion Ratio Lower Upper

168 100

99 59.6 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

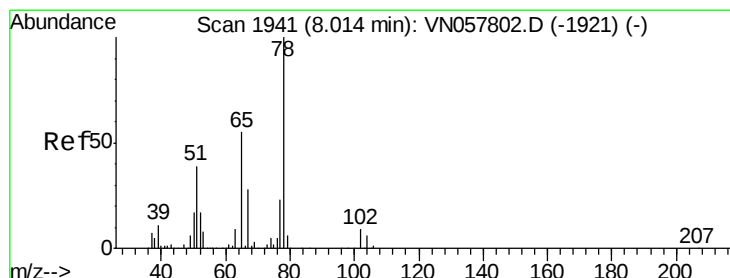
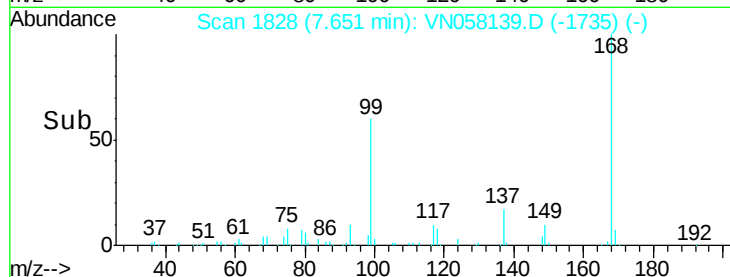
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.675 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058139.D

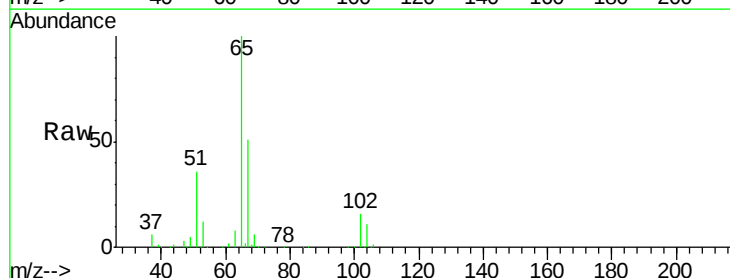
Acq: 17 Sep 2019 11:21

Tgt Ion: 65 Resp: 327381

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.01

150000

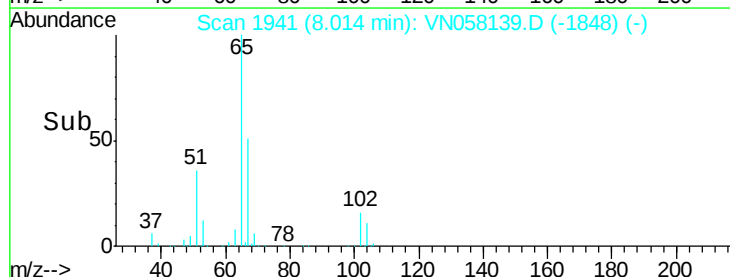
100000

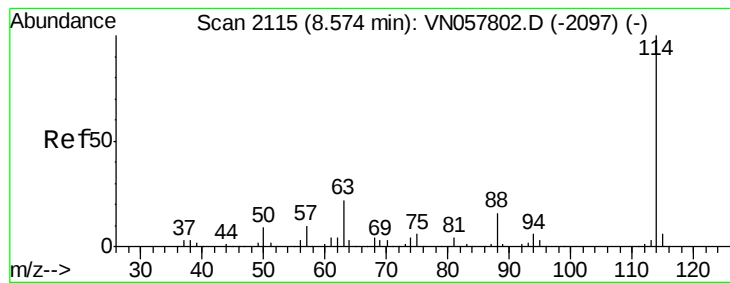
50000

0

7.90 8.00 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058139.D

Acq: 17 Sep 2019 11:21

Instrument :

MSVOA_N

ClientSampleId :

VE-1-2

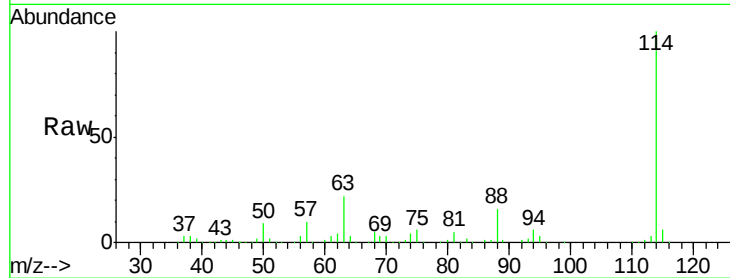
Tot Ion:114 Resp: 526046

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.0

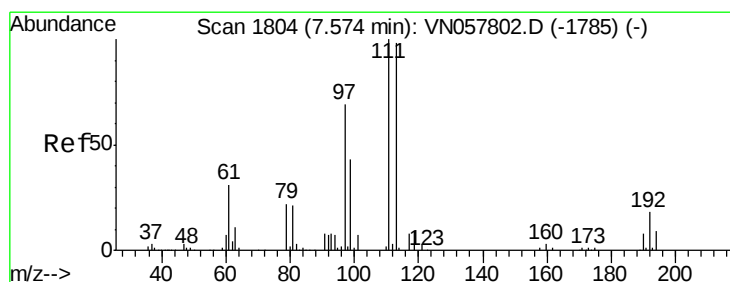
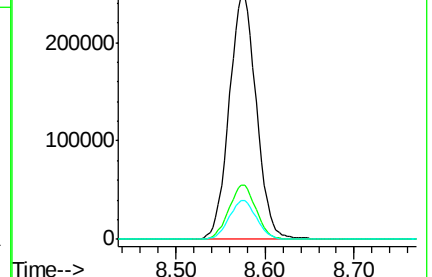
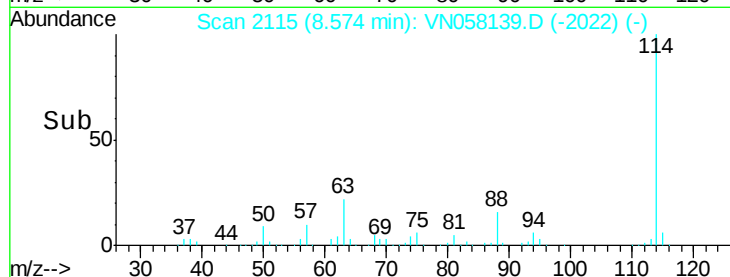
88 16.0 0.0 31.4



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: 46.443 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN058139.D

Acq: 17 Sep 2019 11:21

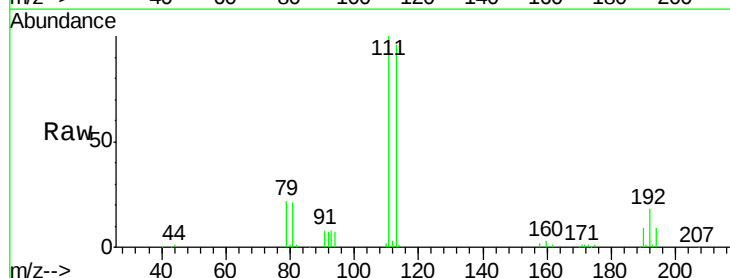
Tgt Ion:113 Resp: 225489

Ion Ratio Lower Upper

113 100

111 104.1 81.3 121.9

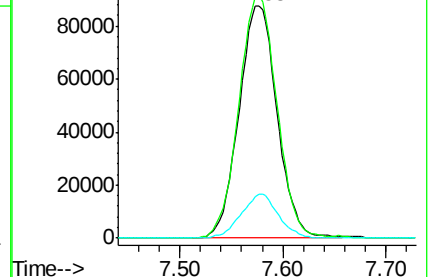
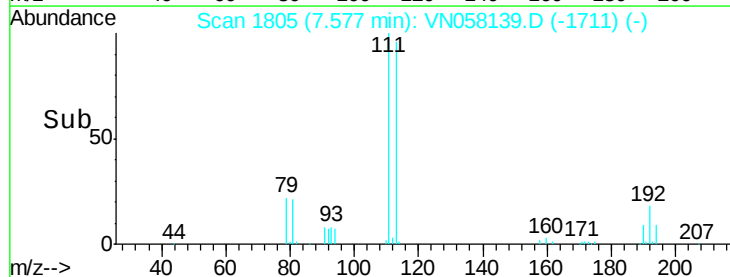
192 18.5 14.6 22.0

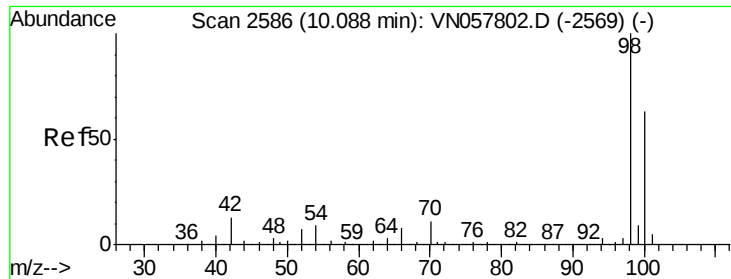


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.737 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058139.D

Acq: 17 Sep 2019 11:21

Instrument :

MSVOA_N

ClientSampleId :

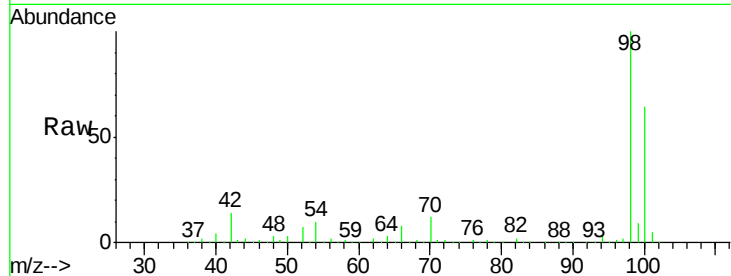
VE-1-2

Tot Ion: 98 Resp: 843309

Ion Ratio Lower Upper

98 100

100 64.2 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

500000

400000

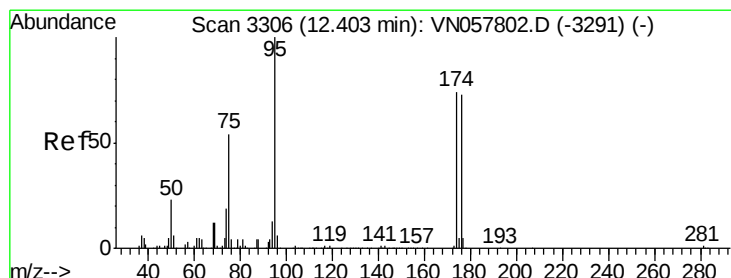
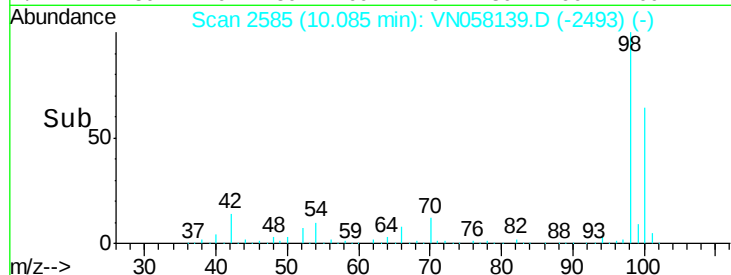
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 40.559 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058139.D

Acq: 17 Sep 2019 11:21

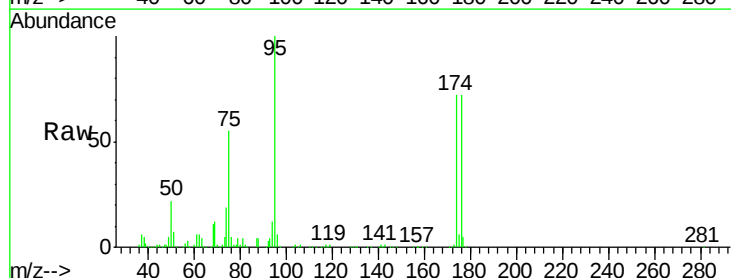
Tgt Ion: 95 Resp: 291362

Ion Ratio Lower Upper

95 100

174 74.7 0.0 150.2

176 73.2 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

200000

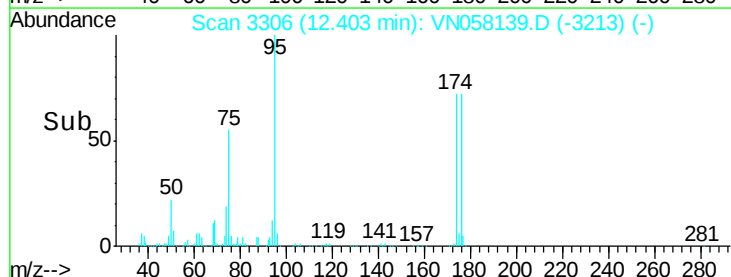
150000

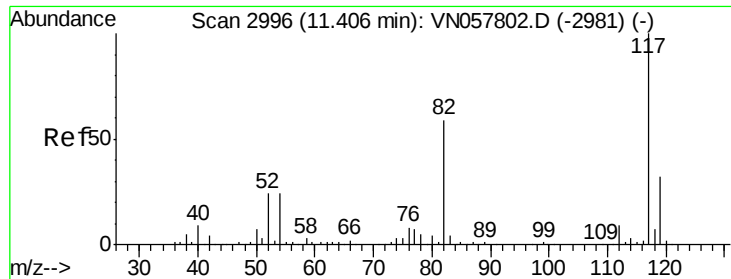
100000

50000

0

Time-->

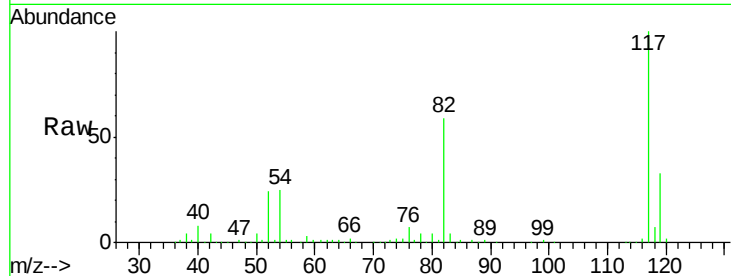




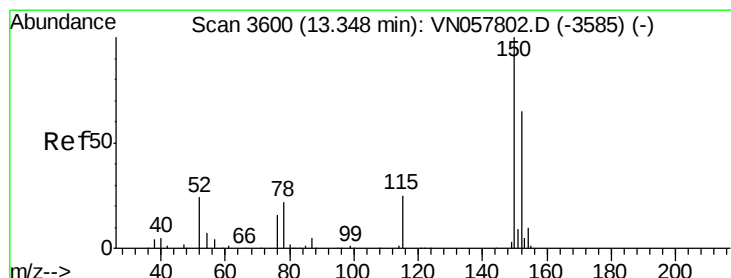
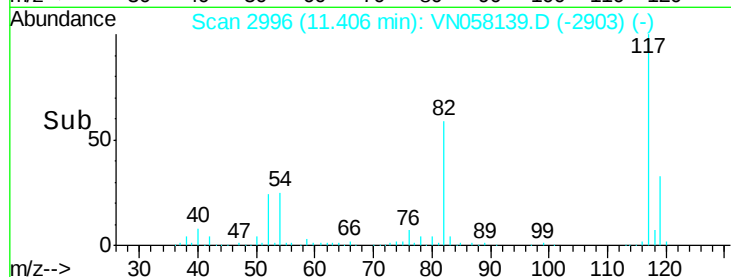
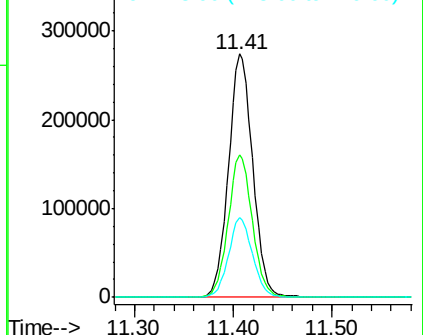
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058139.D
Acq: 17 Sep 2019 11:21

Instrument :
MSVOA_N
ClientSampled :
VE-1-2

Tot Ion:117 Resp: 471020
Ion Ratio Lower Upper
117 100
82 58.6 47.2 70.8
119 32.6 25.3 37.9

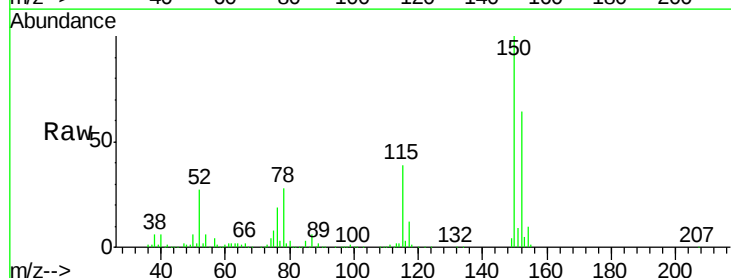


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058139.D
Acq: 17 Sep 2019 11:21

Tgt Ion:152 Resp: 258783
Ion Ratio Lower Upper
152 100
115 60.5 30.3 91.0
150 157.1 0.0 352.4



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

