

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101019\
 Data File : VN058646.D
 Acq On : 9 Oct 2019 17:42
 Operator : JC/SP
 Sample : K5184-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-100219

Quant Time: Oct 10 04:59:53 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	411356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	655260	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	558858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	212579	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	287840	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
35) Dibromofluoromethane	7.57	113	209729	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
50) Toluene-d8	10.08	98	806823	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
62) 4-Bromofluorobenzene	12.41	95	253975	44.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.30%	

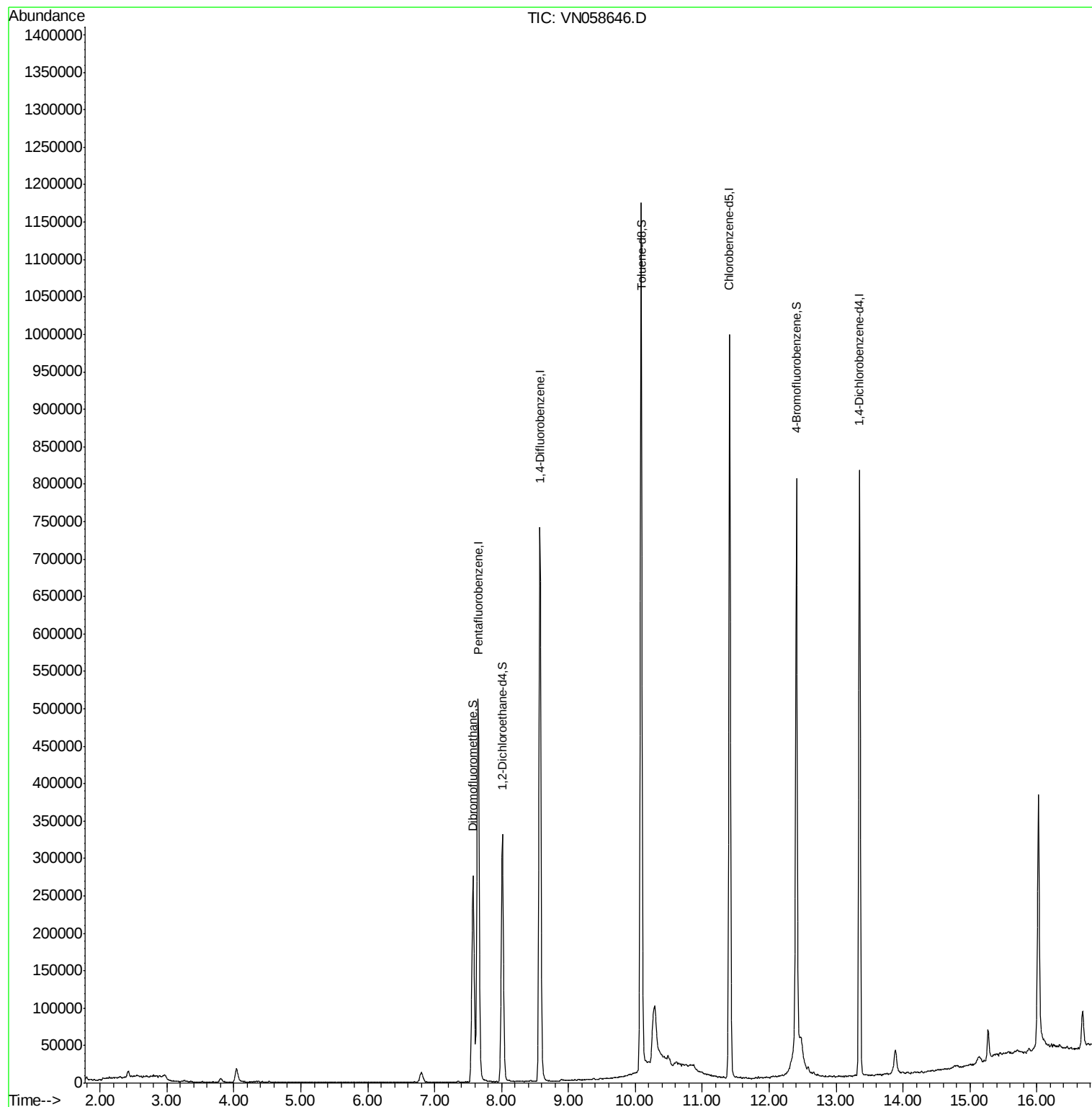
Target Compounds	Qvalue

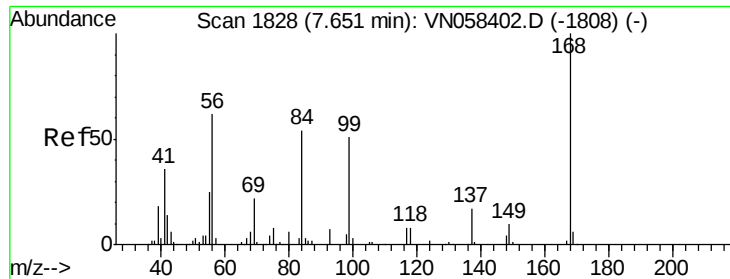
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101019\
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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: VN058646.D

Acq: 9 Oct 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

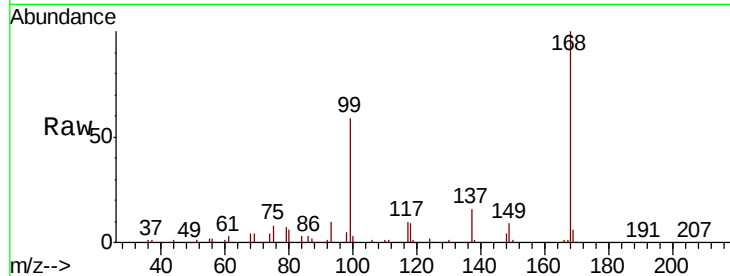
FB-100219

Tot Ion:168 Resp: 411356

Ion Ratio Lower Upper

168 100

99 59.0 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

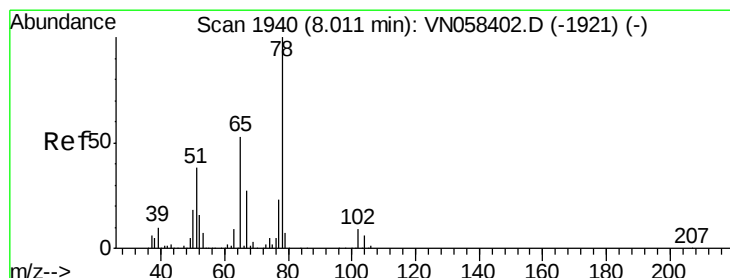
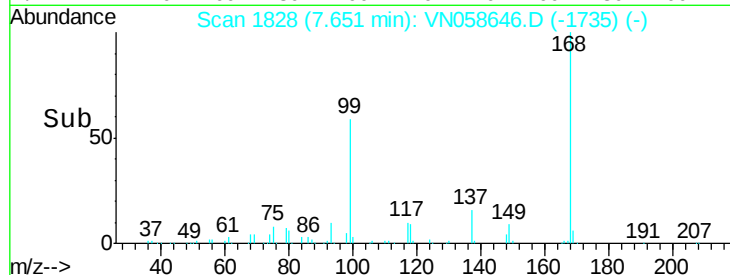
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.883 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058646.D

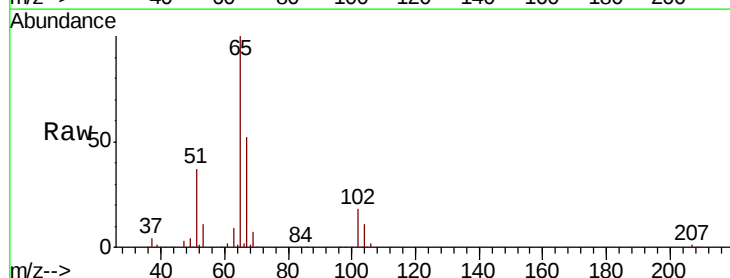
Acq: 9 Oct 2019 17:42

Tgt Ion: 65 Resp: 287840

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

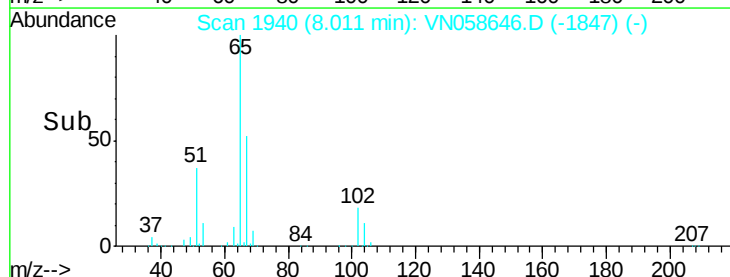
8.01

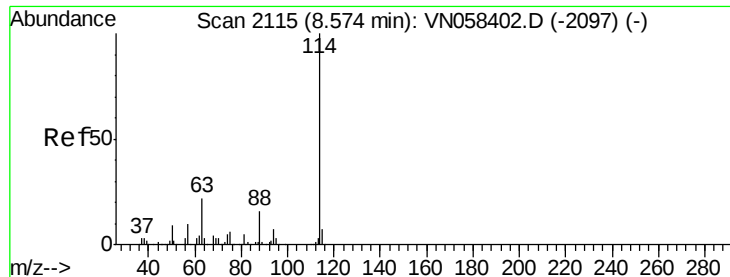
100000

50000

0

Time-->

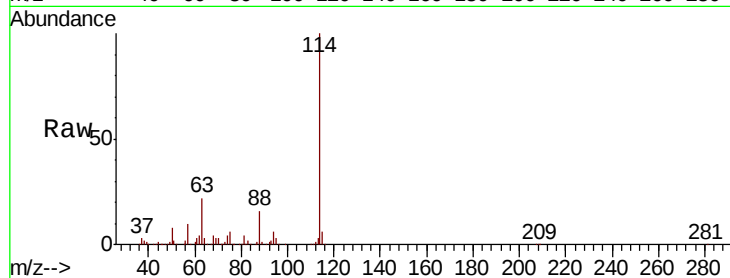




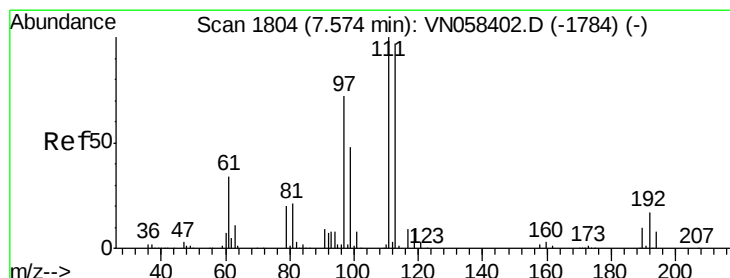
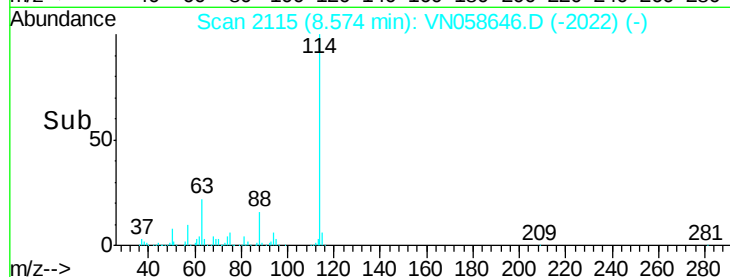
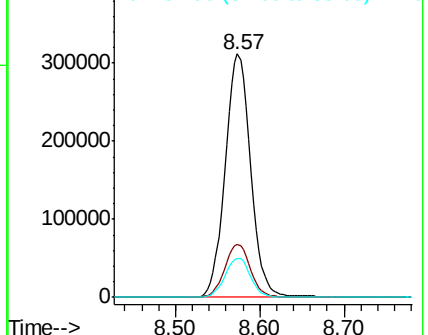
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058646.D
 Acq: 9 Oct 2019 17:42

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-100219

Tot Ion:114 Resp: 655260
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 45.0
 88 15.9 0.0 32.2

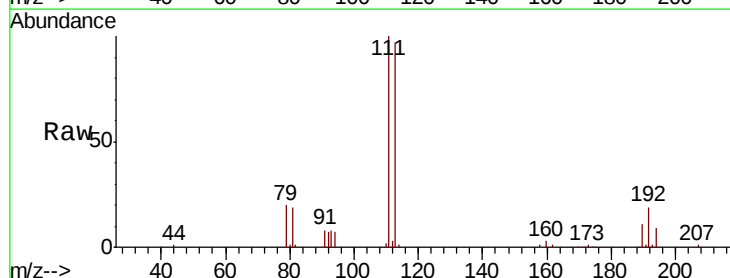


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

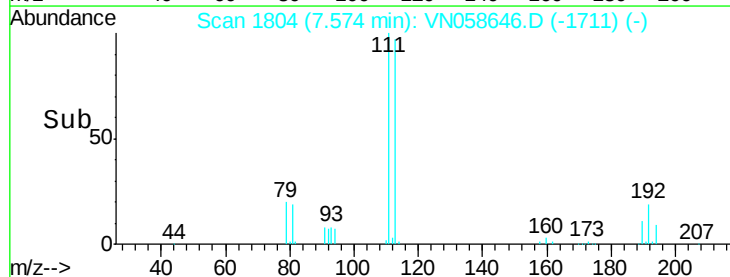
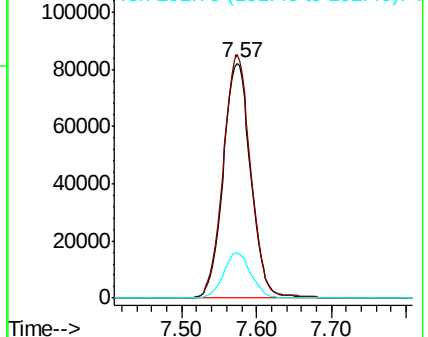


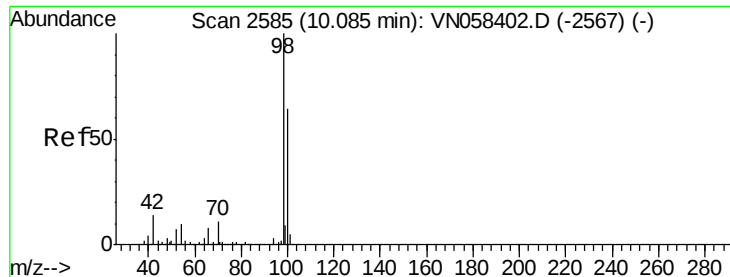
#35
 Dibromofluoromethane
 Concen: 52.223 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058646.D
 Acq: 9 Oct 2019 17:42

Tgt Ion:113 Resp: 209729
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.4 125.2
 192 19.1 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: 51.284 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058646.D

Acq: 9 Oct 2019 17:42

Instrument :

MSVOA_N

ClientSampleId :

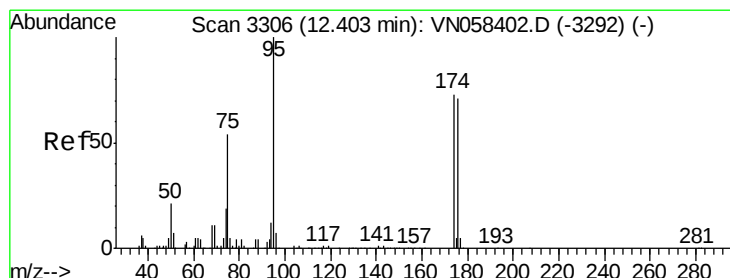
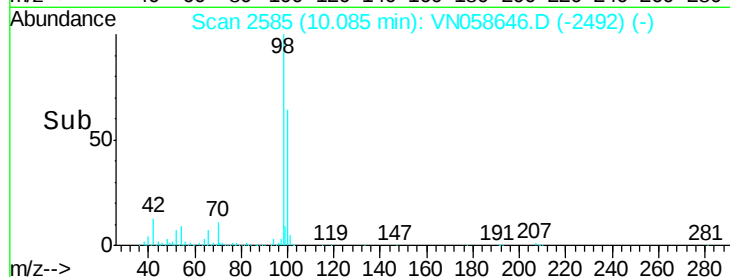
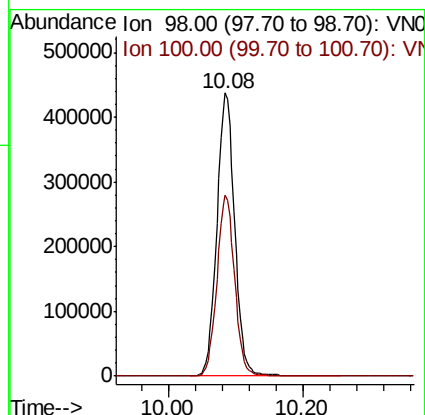
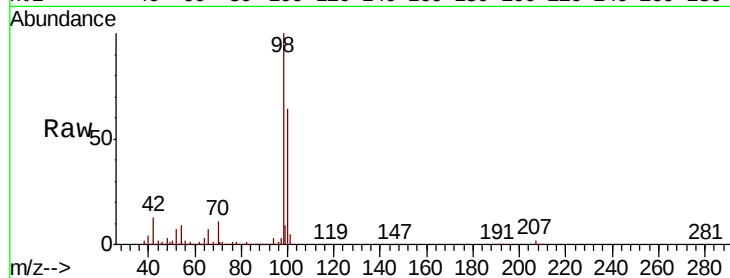
FB-100219

Tot Ion: 98 Resp: 806823

Ion Ratio Lower Upper

98 100

100 63.8 51.0 76.6



#62

4-Bromofluorobenzene

Concen: 44.647 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058646.D

Acq: 9 Oct 2019 17:42

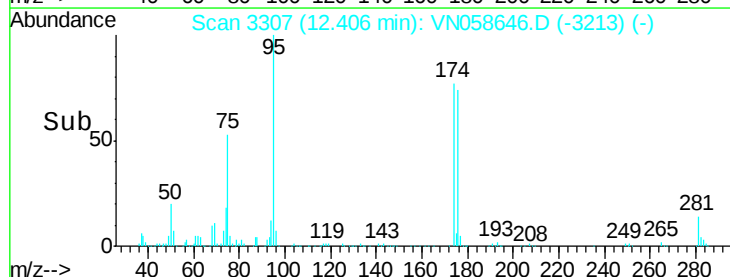
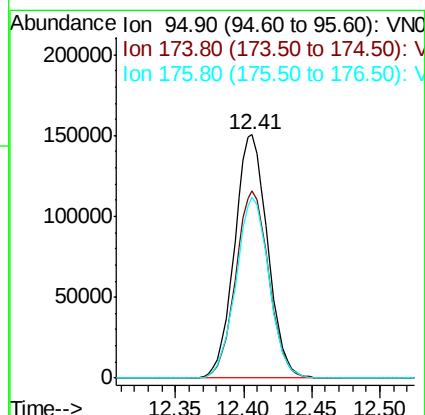
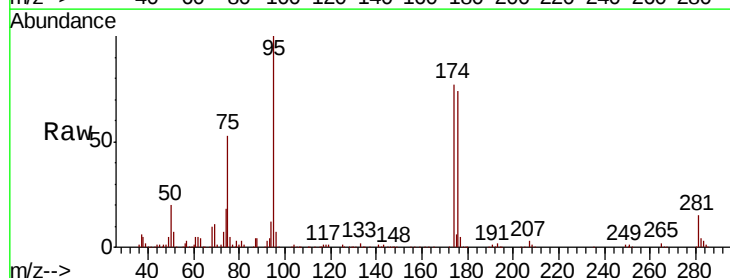
Tgt Ion: 95 Resp: 253975

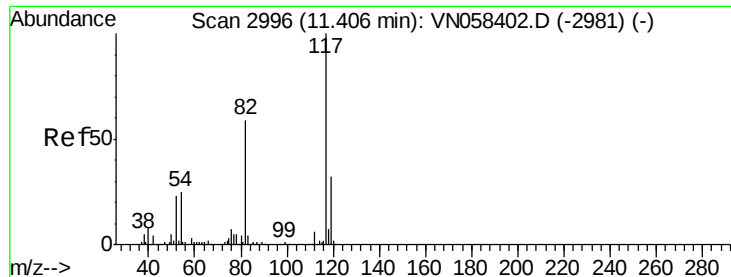
Ion Ratio Lower Upper

95 100

174 77.0 0.0 150.6

176 73.9 0.0 146.2

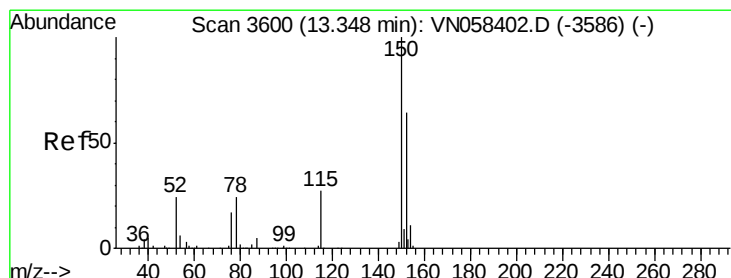
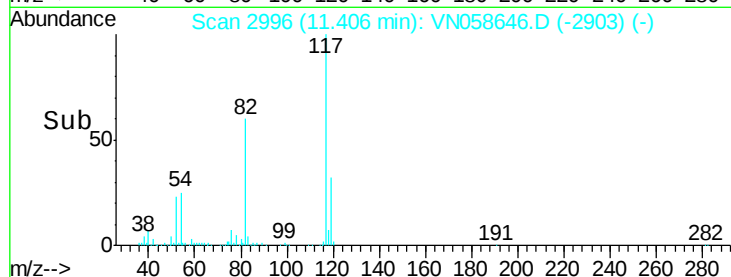
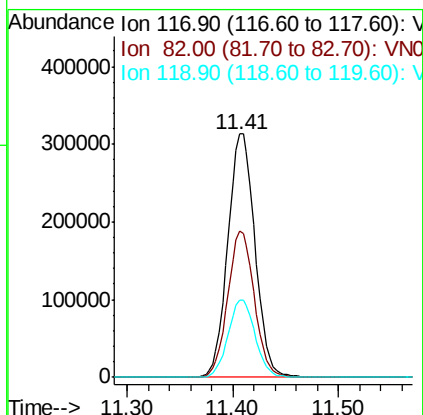
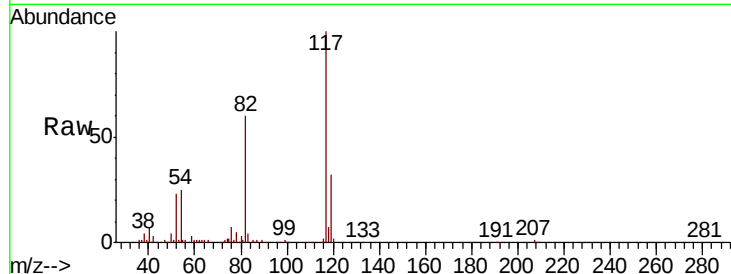




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058646.D
Acq: 9 Oct 2019 17:42

Instrument :
MSVOA_N
ClientSampleId :
FB-100219

Tot Ion:117 Resp: 558858
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.0
119 32.0 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: VN058646.D
Acq: 9 Oct 2019 17:42

Tgt Ion:152 Resp: 212579
Ion Ratio Lower Upper
152 100
115 59.6 30.0 90.0
150 156.0 0.0 348.2

