

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100419\
 Data File : VN058531.D
 Acq On : 4 Oct 2019 11:47
 Operator : JC/SP
 Sample : K5169-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-100219

Quant Time: Oct 05 00:31:18 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	413079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	683834	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	596683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	255249	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	299419	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
35) Dibromofluoromethane	7.57	113	207198	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
50) Toluene-d8	10.08	98	847435	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
62) 4-Bromofluorobenzene	12.41	95	285787	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	

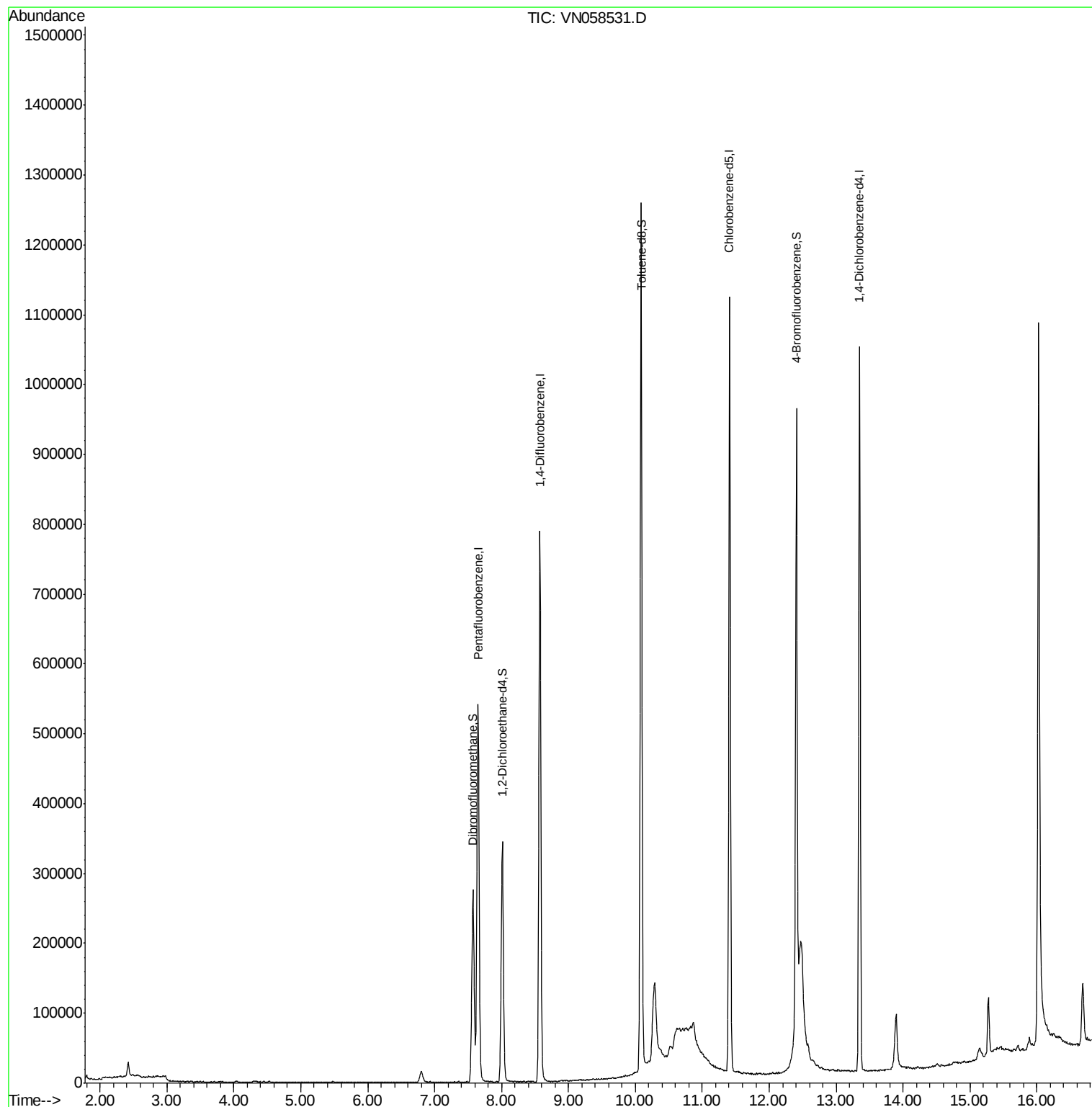
Target Compounds	Qvalue

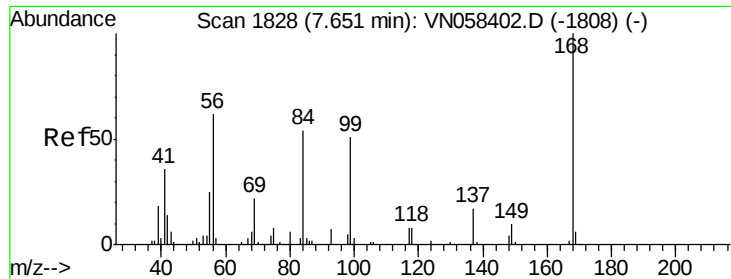
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 30 08:07:38 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: VN058531.D

Acq: 4 Oct 2019 11:47

Instrument :

MSVOA_N

ClientSampled :

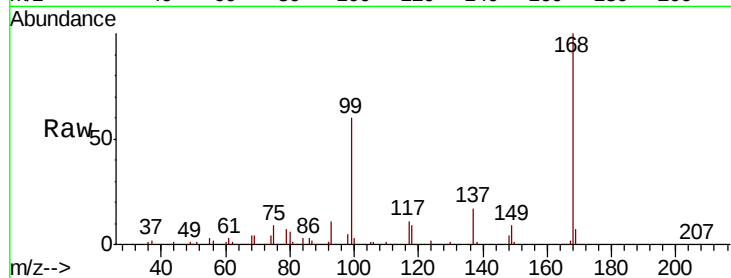
TB-100219

Tot Ion:168 Resp: 413079

Ion Ratio Lower Upper

168 100

99 59.6 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

200000 Ion 98.90 (98.60 to 99.60): VN

7.65

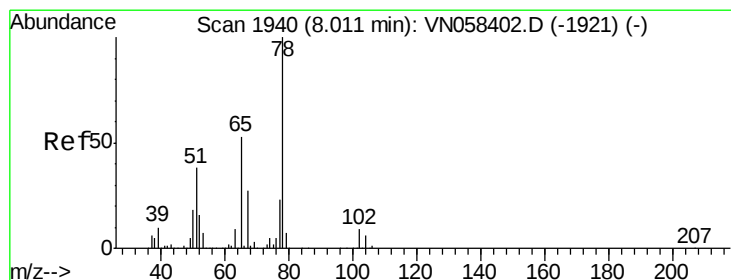
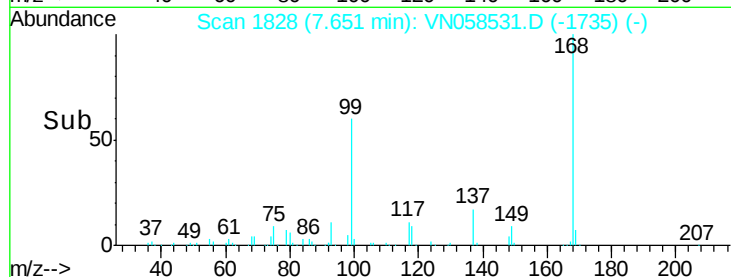
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.602 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058531.D

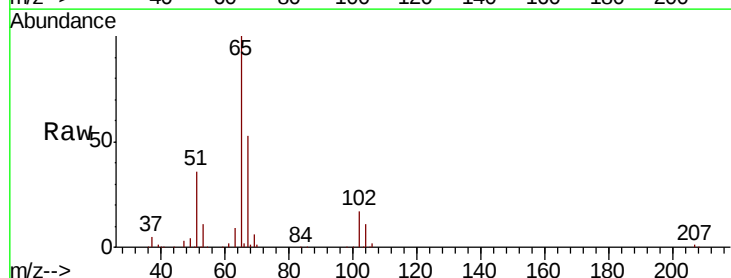
Acq: 4 Oct 2019 11:47

Tgt Ion: 65 Resp: 299419

Ion Ratio Lower Upper

65 100

67 52.1 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN

150000 Ion 66.90 (66.60 to 67.60): VN

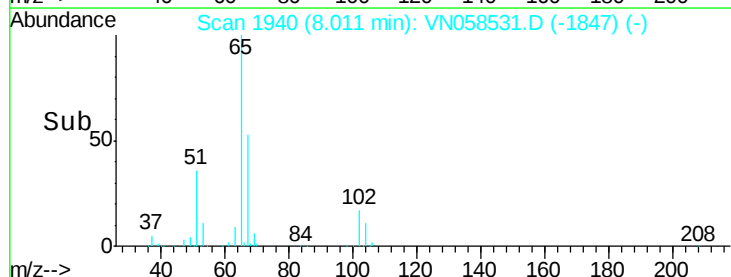
8.01

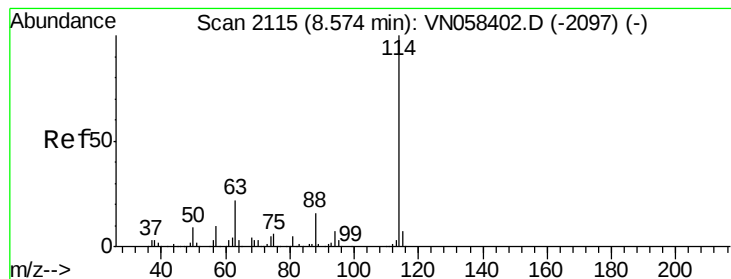
100000

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: VN058531.D

Acq: 4 Oct 2019 11:47

Instrument :

MSVOA_N

ClientSampleId :

TB-100219

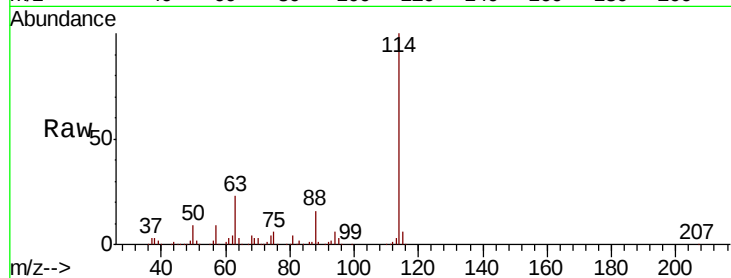
Tot Ion:114 Resp: 683834

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.0

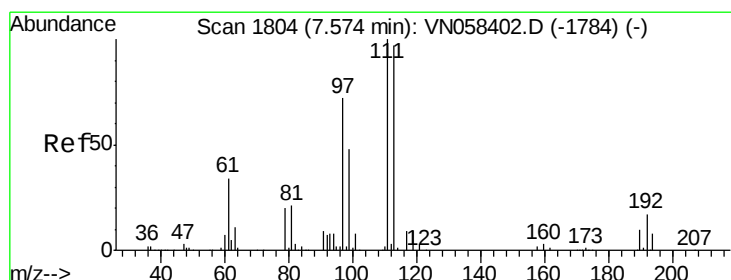
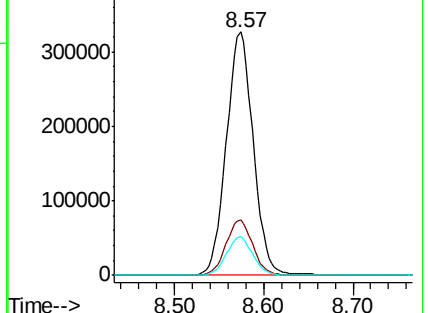
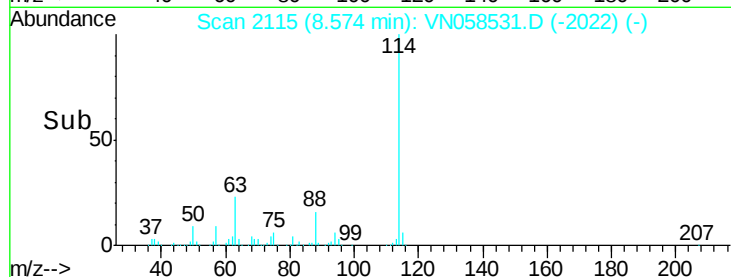
88 15.8 0.0 32.2



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: 49.437 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN058531.D

Acq: 4 Oct 2019 11:47

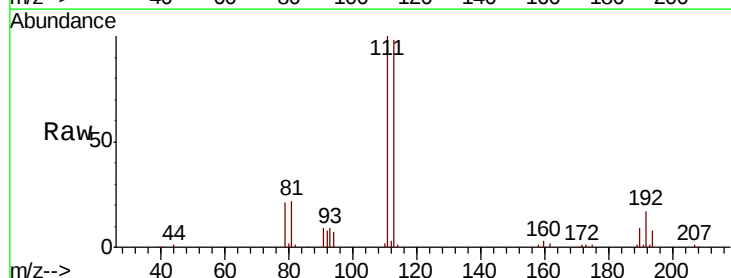
Tgt Ion:113 Resp: 207198

Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

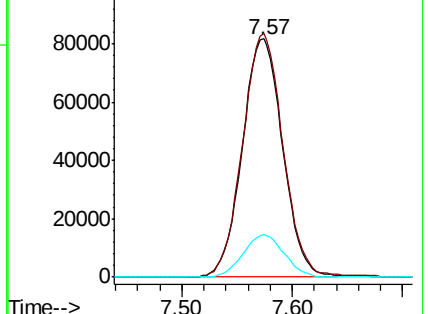
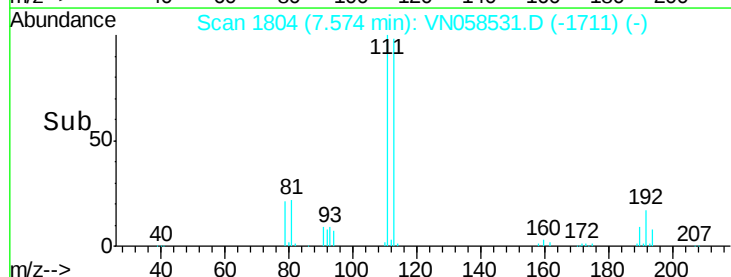
192 18.2 14.9 22.3

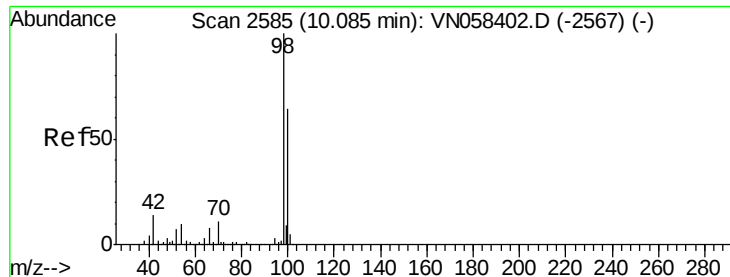


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.615 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058531.D

Acq: 4 Oct 2019 11:47

Instrument :

MSVOA_N

ClientSampled :

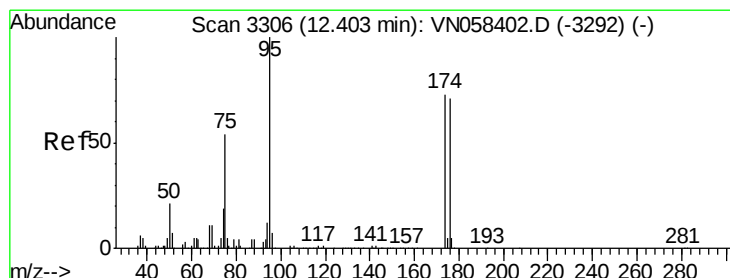
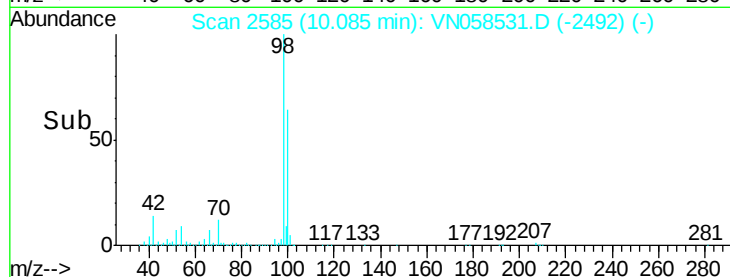
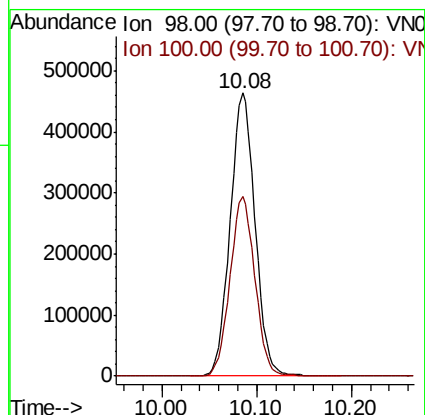
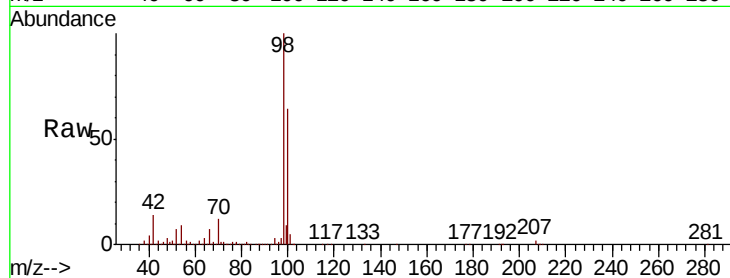
TB-100219

Tot Ion: 98 Resp: 847435

Ion Ratio Lower Upper

98 100

100 63.6 51.0 76.6



#62

4-Bromofluorobenzene

Concen: 48.140 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058531.D

Acq: 4 Oct 2019 11:47

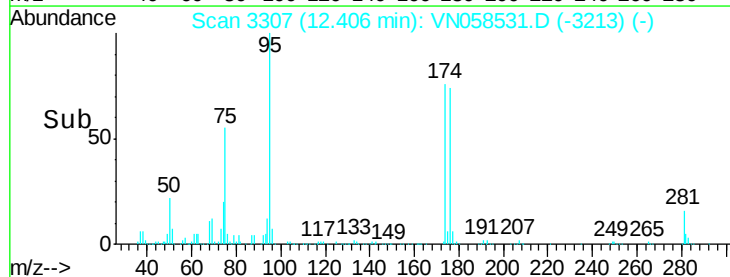
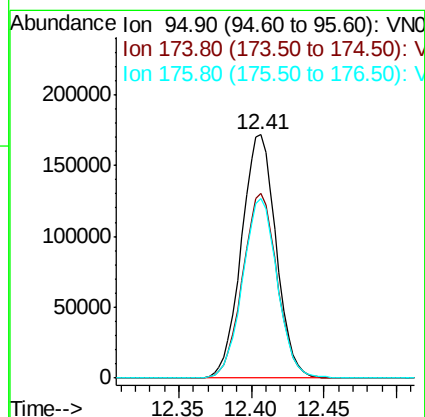
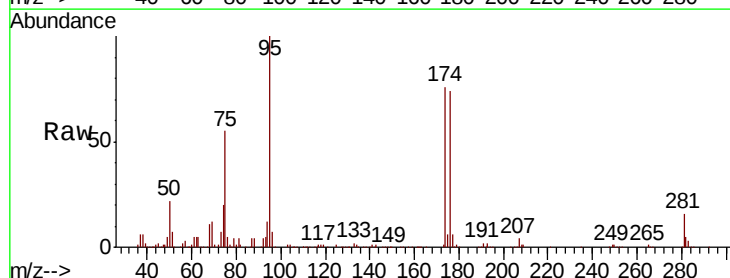
Tgt Ion: 95 Resp: 285787

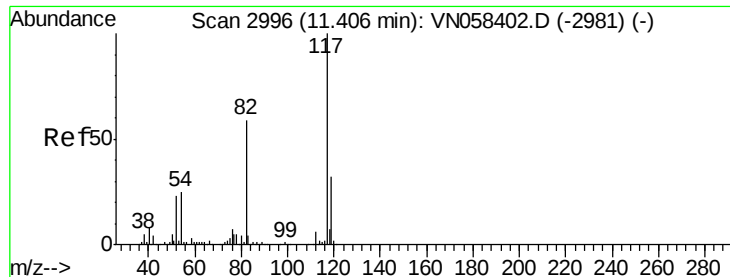
Ion Ratio Lower Upper

95 100

174 75.5 0.0 150.6

176 73.9 0.0 146.2

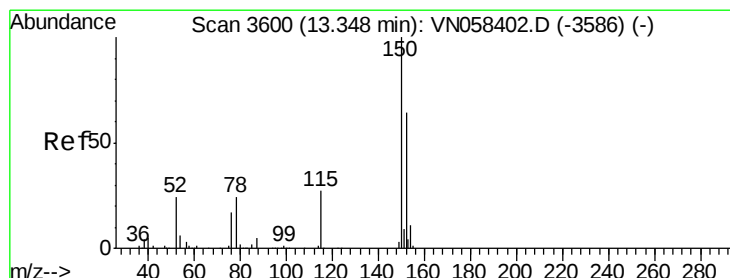
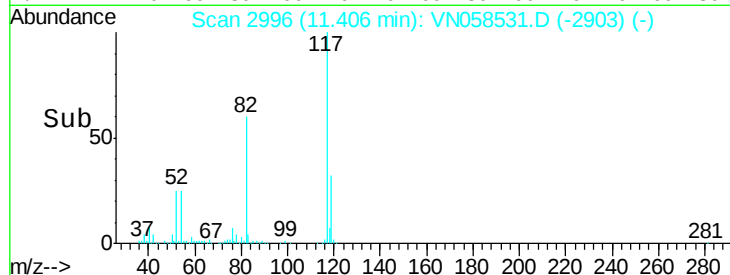
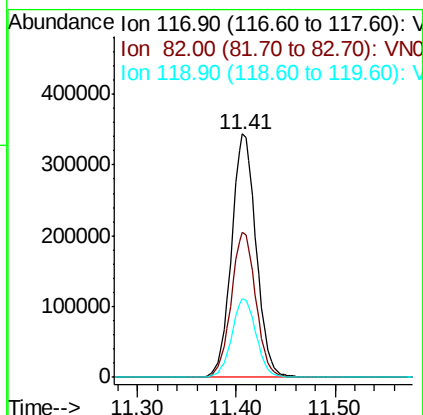
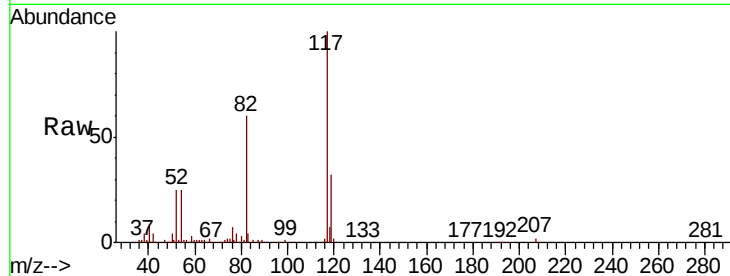




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058531.D
Acq: 4 Oct 2019 11:47

Instrument :
MSVOA_N
ClientSampleId :
TB-100219

Tot Ion:117 Resp: 596683
Ion Ratio Lower Upper
117 100
82 59.6 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: VN058531.D
Acq: 4 Oct 2019 11:47

Tgt Ion:152 Resp: 255249
Ion Ratio Lower Upper
152 100
115 61.2 30.0 90.0
150 159.9 0.0 348.2

