

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102119\
 Data File : VN058884.D
 Acq On : 21 Oct 2019 13:39
 Operator : JC/SP
 Sample : I.BLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: Oct 22 04:21:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	411490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	648970	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	567776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	217744	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	288785	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
35) Dibromofluoromethane	7.57	113	206149	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
50) Toluene-d8	10.09	98	800765	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
62) 4-Bromofluorobenzene	12.40	95	260467	42.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.64%	

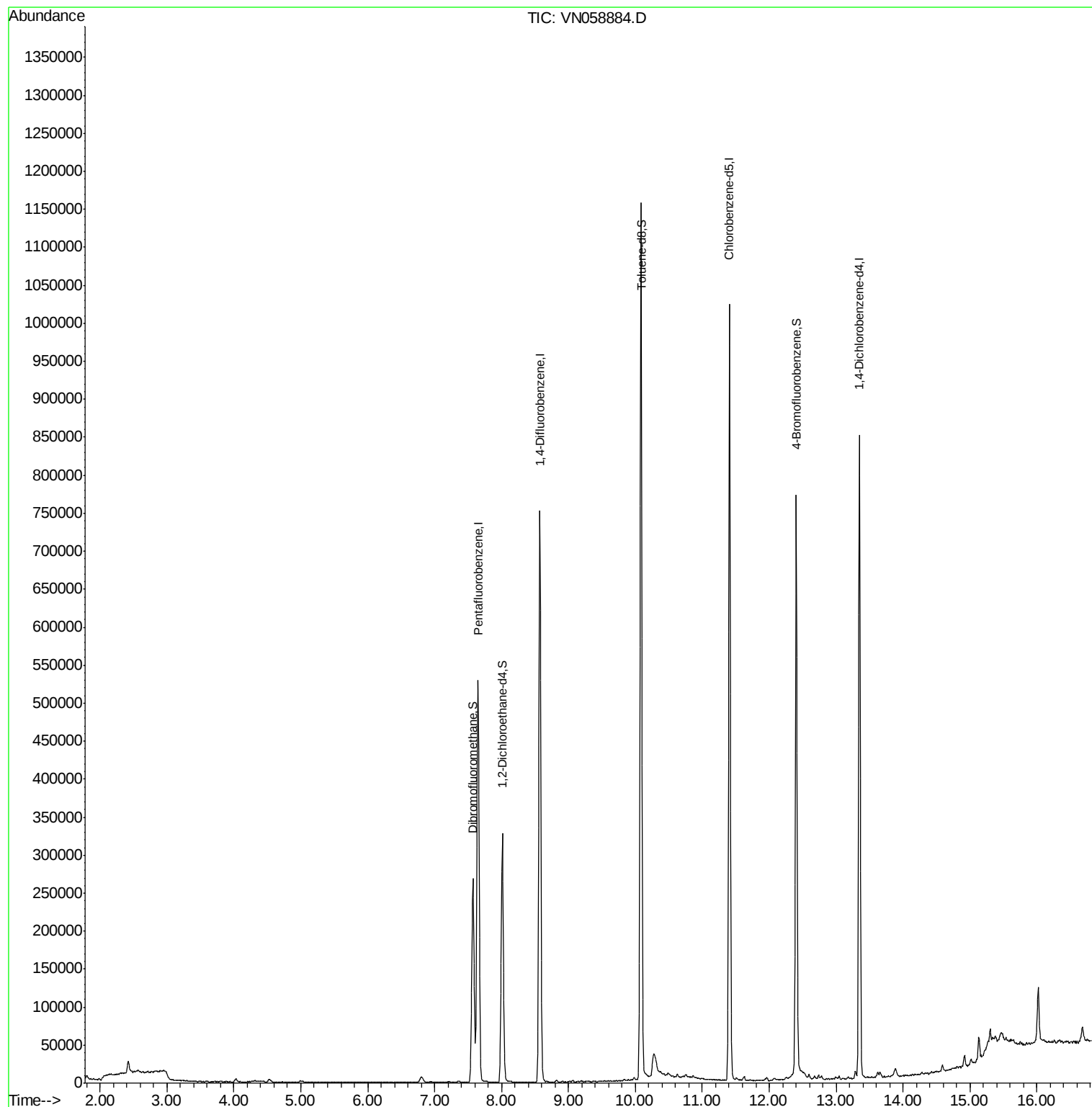
Target Compounds	Qvalue
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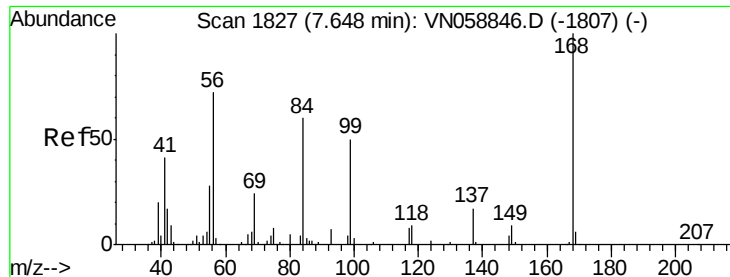
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058884.D

Acq: 21 Oct 2019 13:39

Instrument :

MSVOA_N

ClientSampled :

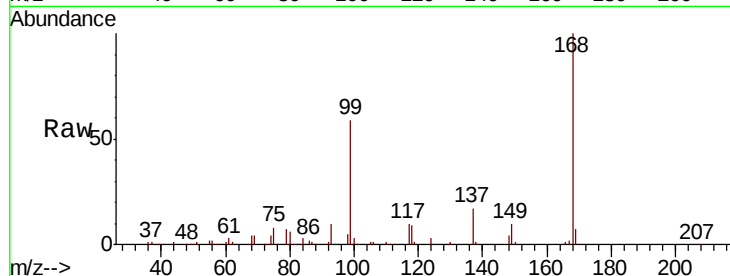
I.BLK

Tot Ion:168 Resp: 411490

Ion Ratio Lower Upper

168 100

99 58.8 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

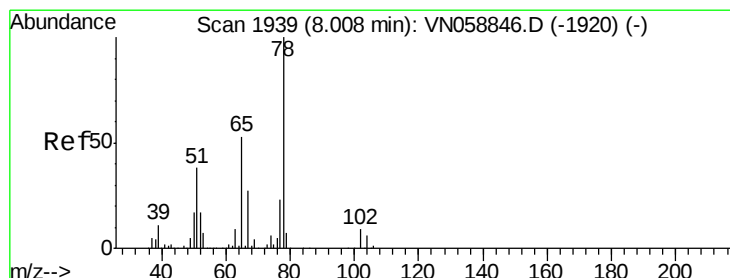
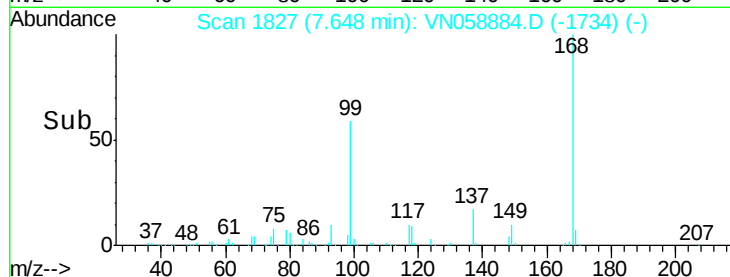
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.851 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058884.D

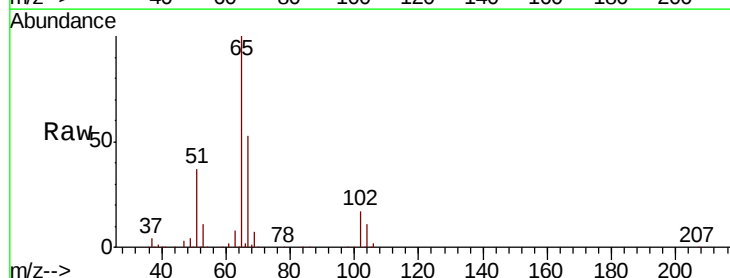
Acq: 21 Oct 2019 13:39

Tgt Ion: 65 Resp: 288785

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

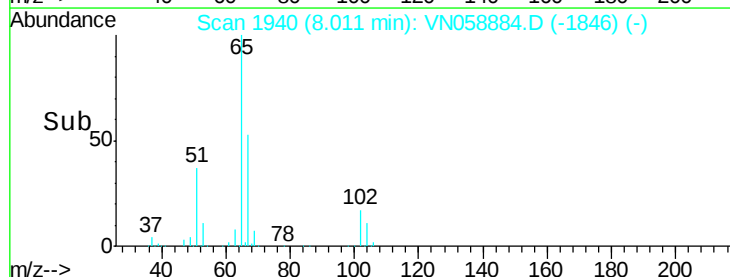
8.01

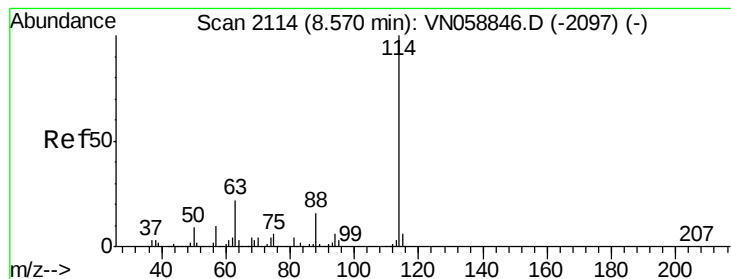
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN058884.D

Acq: 21 Oct 2019 13:39

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

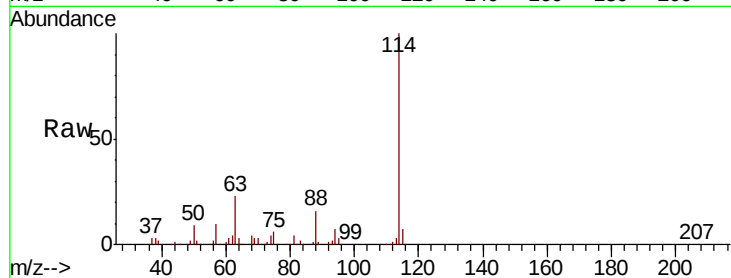
Tot Ion:114 Resp: 648970

Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.4

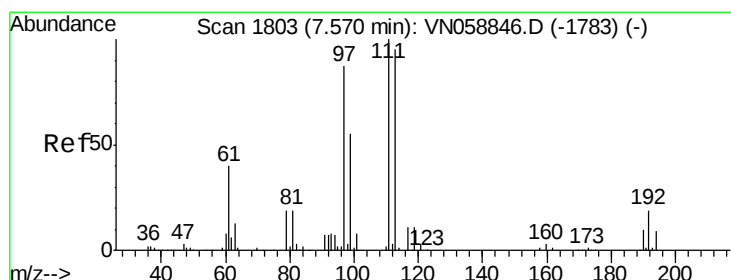
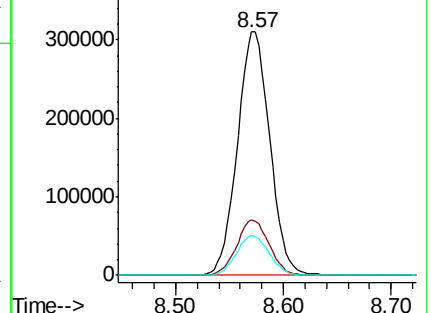
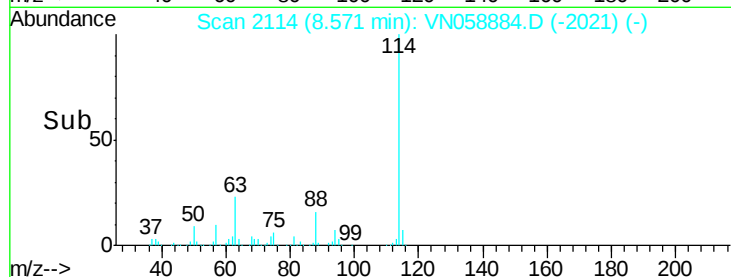
88 16.4 0.0 31.4



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: 48.315 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN058884.D

Acq: 21 Oct 2019 13:39

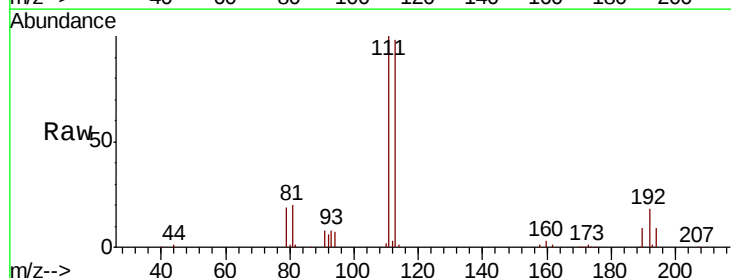
Tgt Ion:113 Resp: 206149

Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

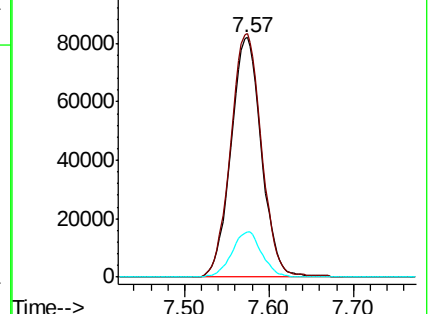
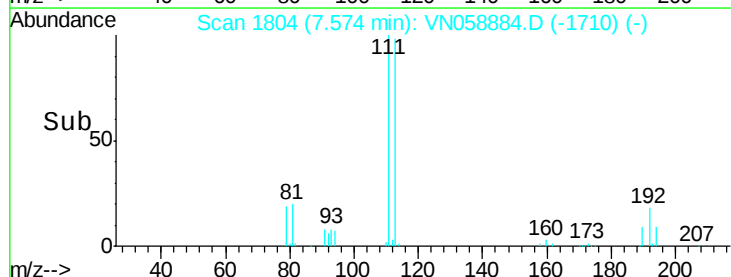
192 18.6 15.0 22.6

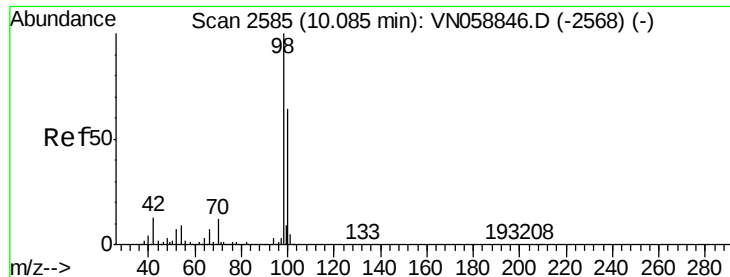


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.346 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058884.D

Acq: 21 Oct 2019 13:39

Instrument :

MSVOA_N

ClientSampleId :

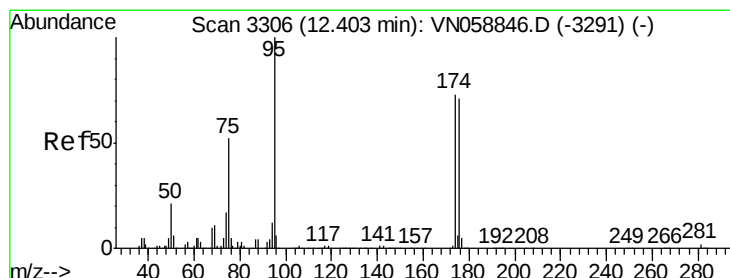
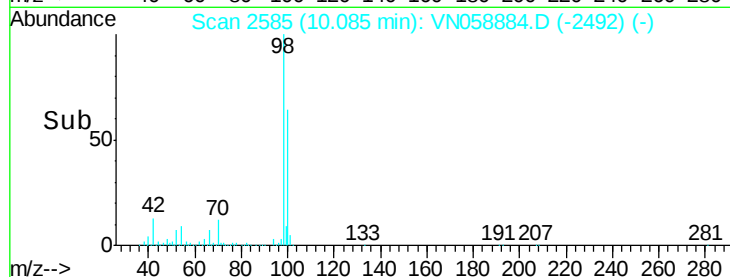
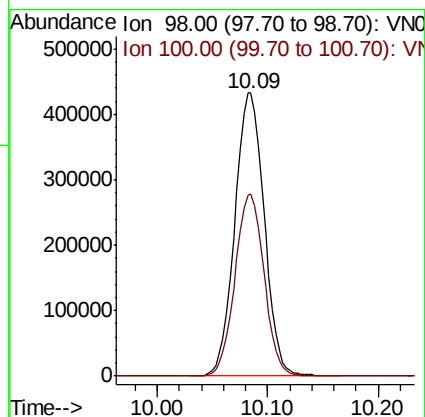
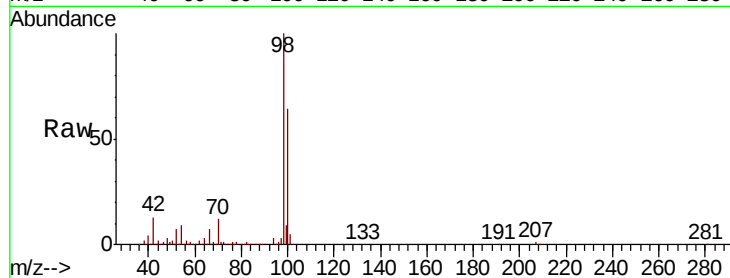
I.BLK

Tot Ion: 98 Resp: 800765

Ion Ratio Lower Upper

98 100

100 63.5 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 42.823 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058884.D

Acq: 21 Oct 2019 13:39

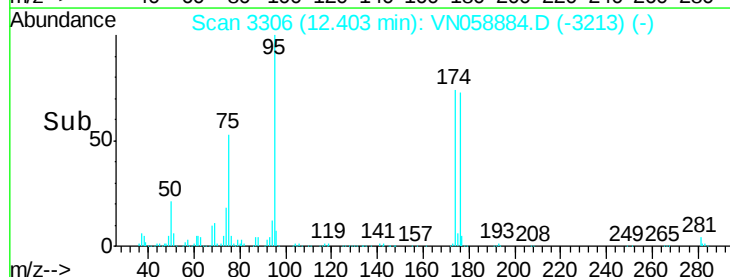
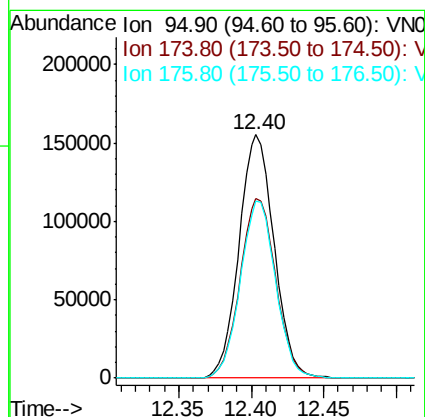
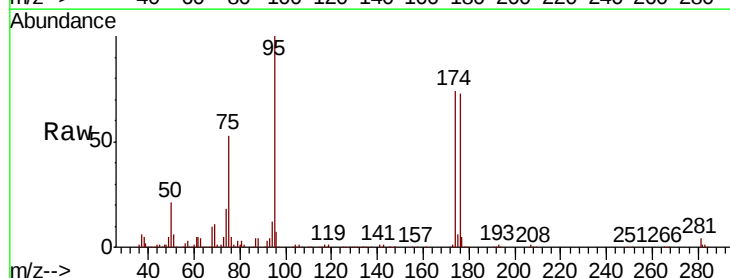
Tgt Ion: 95 Resp: 260467

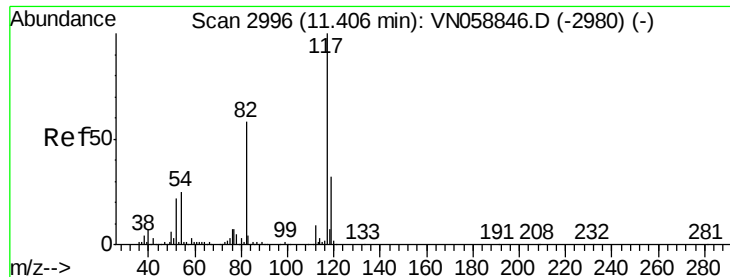
Ion Ratio Lower Upper

95 100

174 75.9 0.0 147.6

176 73.3 0.0 143.2

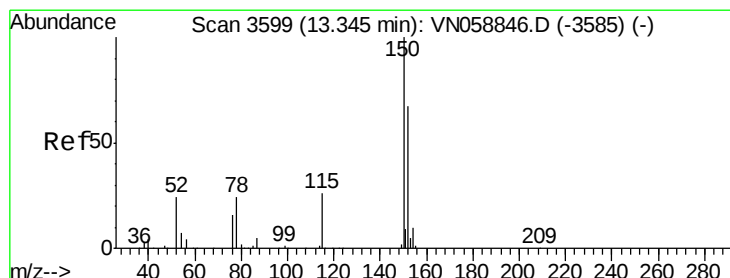
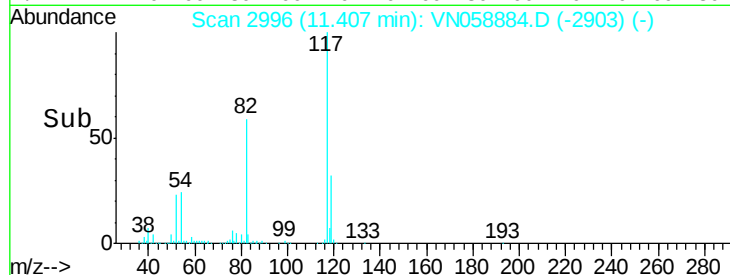
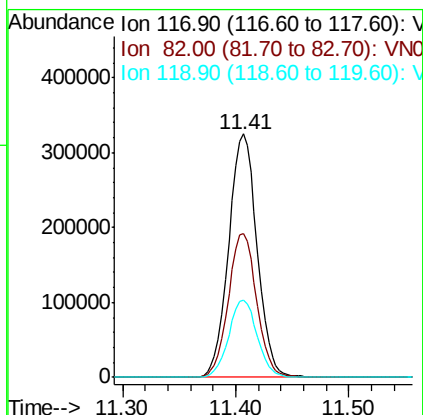
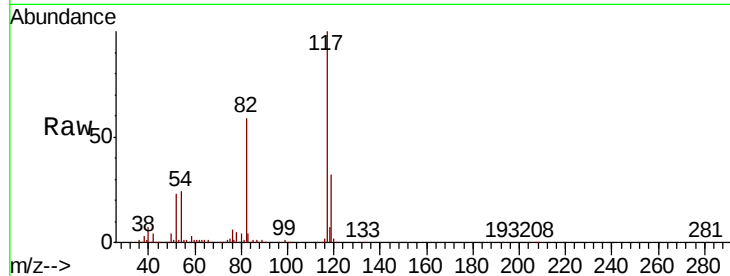




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058884.D
Acq: 21 Oct 2019 13:39

Instrument :
MSVOA_N
ClientSampled :
I.BLK

Tot Ion:117 Resp: 567776
Ion Ratio Lower Upper
117 100
82 59.2 46.6 69.8
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058884.D
Acq: 21 Oct 2019 13:39

Tgt Ion:152 Resp: 217744
Ion Ratio Lower Upper
152 100
115 61.3 30.5 91.5
150 159.3 0.0 344.4

