

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091019\
 Data File : VN057848.D
 Acq On : 10 Sep 2019 9:48
 Operator : JC/SP
 Sample : I.BLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: Sep 10 11:10:59 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	291948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	488317	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	439619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	227812	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	310038	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
35) Dibromofluoromethane	7.58	113	211043	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
50) Toluene-d8	10.09	98	874064	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.40	95	276430	41.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.90%	

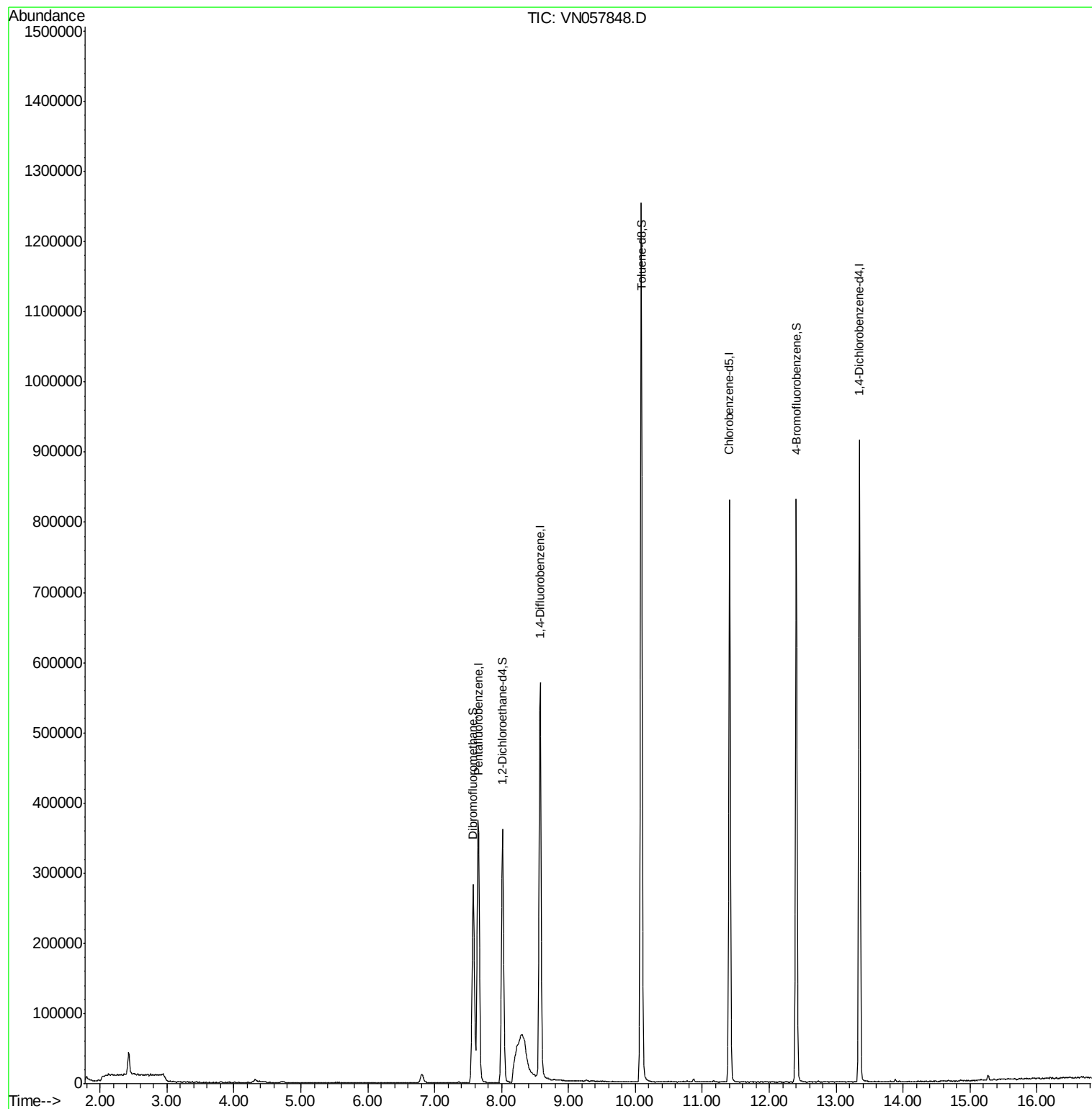
Target Compounds	Qvalue

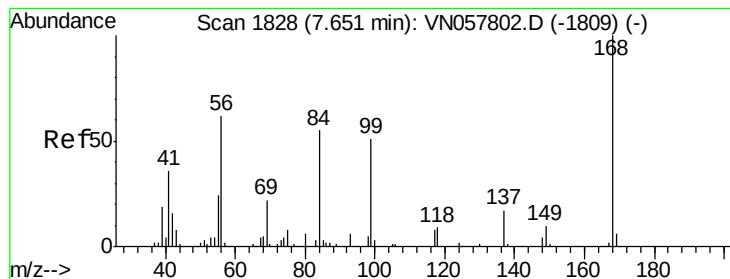
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 10 03:02:13 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057848.D

Acq: 10 Sep 2019 9:48

Instrument :

MSVOA_N

ClientSampled :

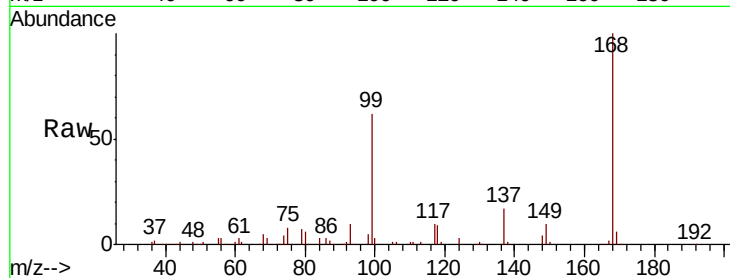
I.BLK

Tot Ion:168 Resp: 291948

Ion Ratio Lower Upper

168 100

99 61.7 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

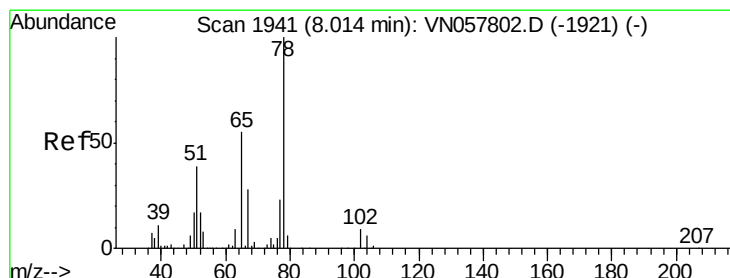
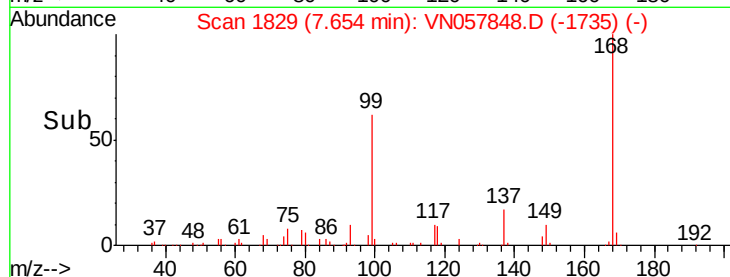
7.65

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.432 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057848.D

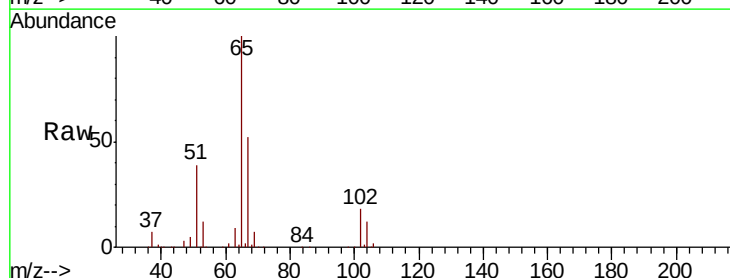
Acq: 10 Sep 2019 9:48

Tgt Ion: 65 Resp: 310038

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

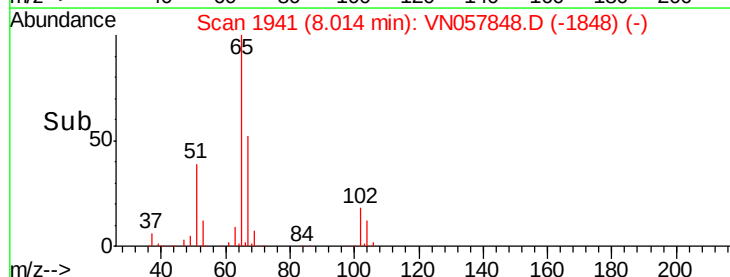
150000

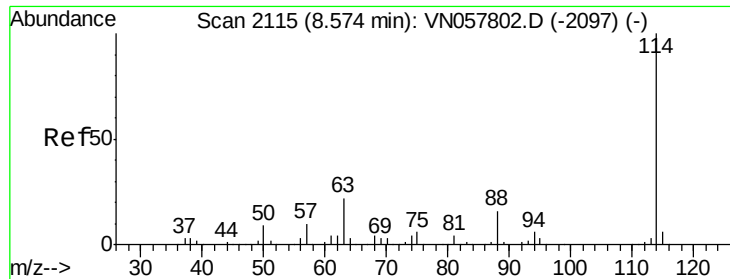
100000

50000

0

Time-->

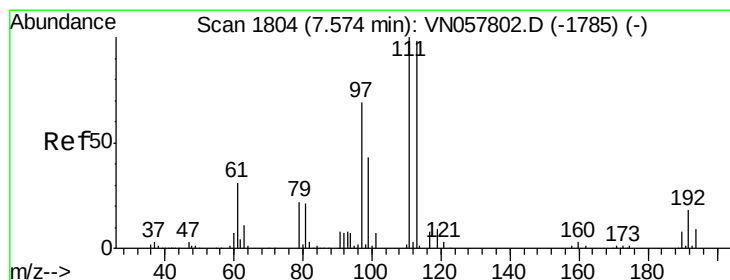
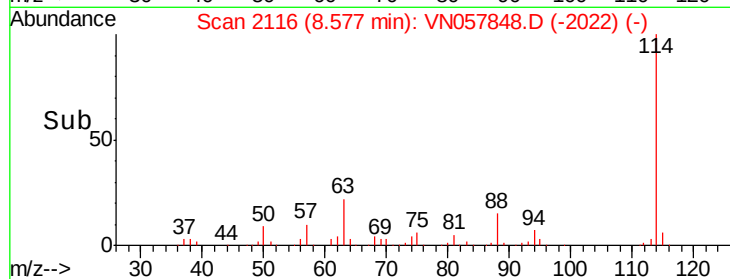
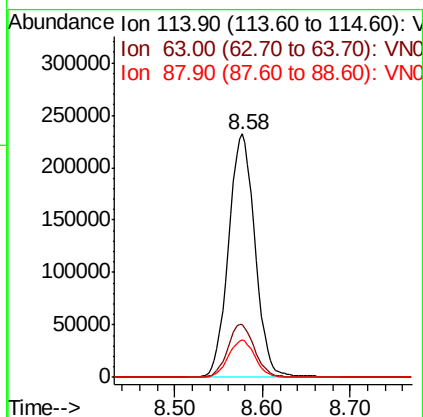
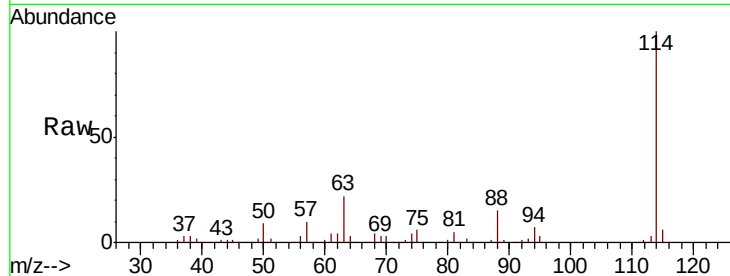




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057848.D
 Acq: 10 Sep 2019 9:48

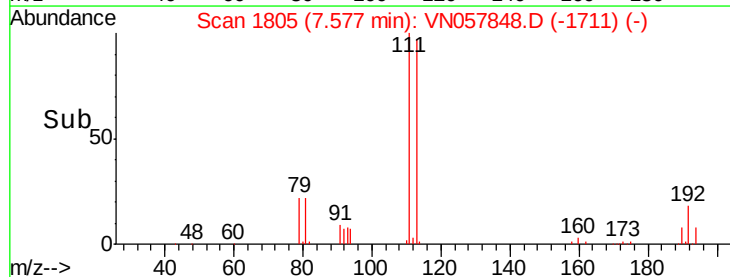
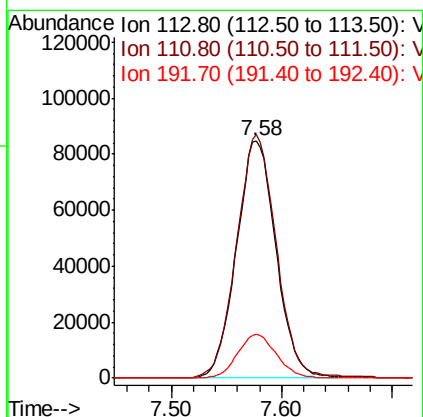
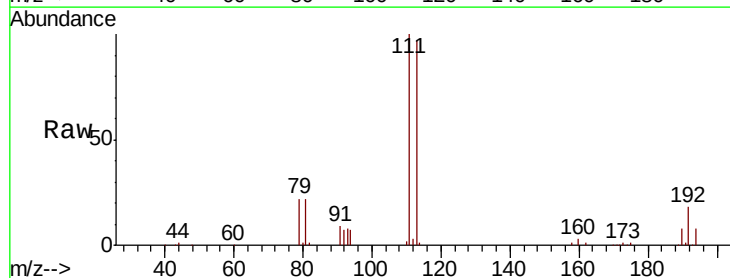
Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

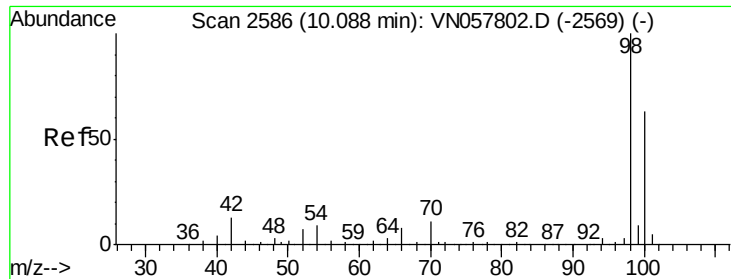
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	44.0
88	15.3	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 46.826 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057848.D
 Acq: 10 Sep 2019 9:48

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.3	121.9
192	18.2	14.6	22.0





#50

Toluene-d8

Concen: 49.951 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057848.D

Acq: 10 Sep 2019 9:48

Instrument :

MSVOA_N

ClientSampled :

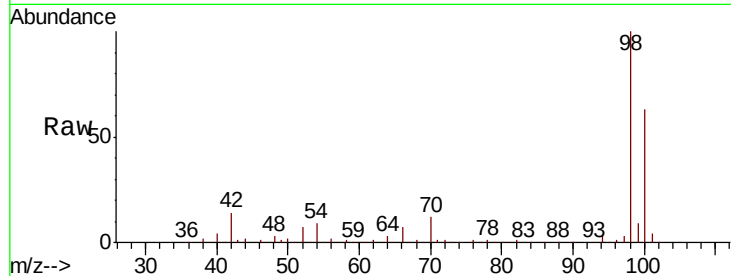
I.BLK

Tot Ion: 98 Resp: 874064

Ion Ratio Lower Upper

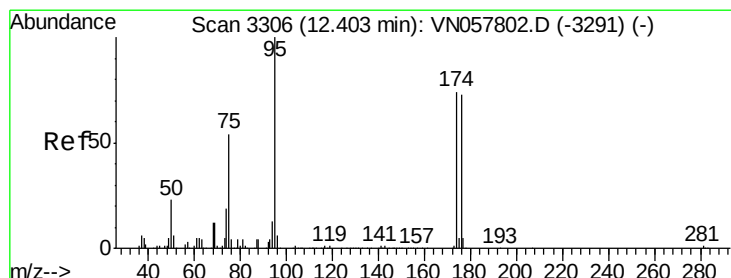
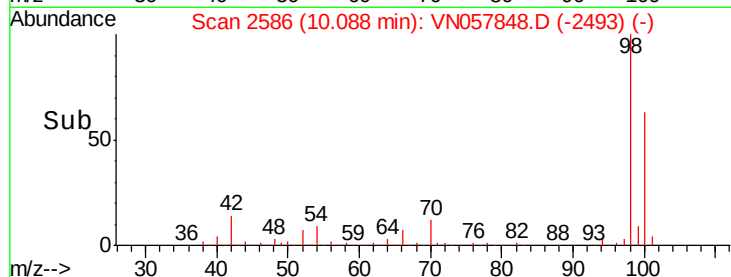
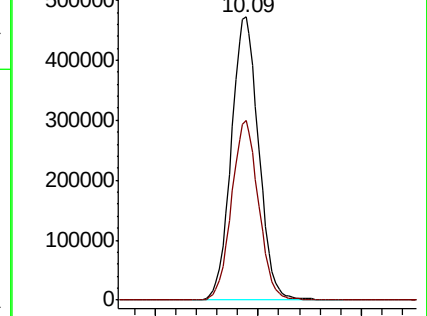
98 100

100 62.7 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 41.453 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057848.D

Acq: 10 Sep 2019 9:48

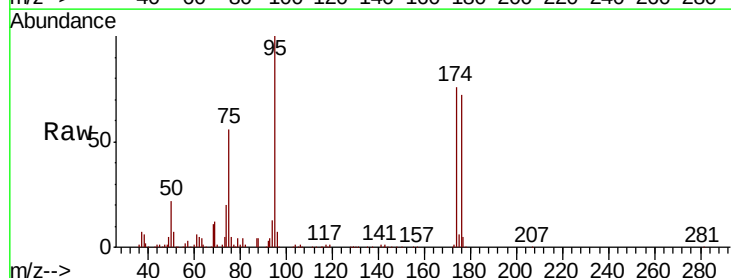
Tgt Ion: 95 Resp: 276430

Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.2

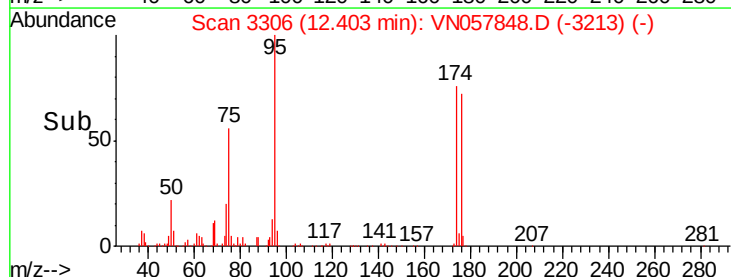
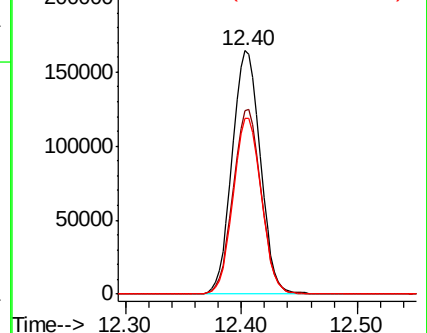
176 71.8 0.0 146.0

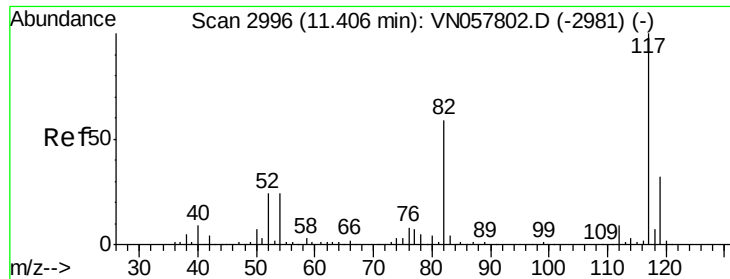


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

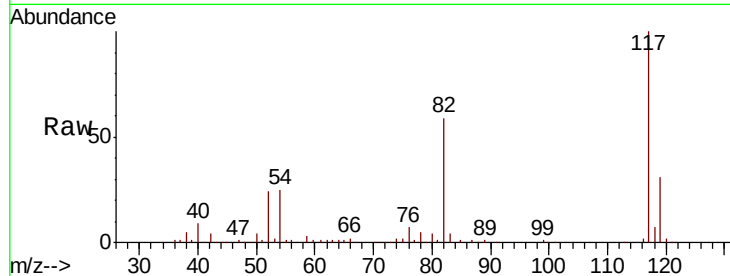




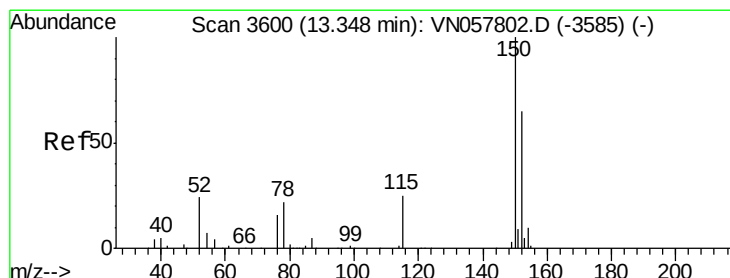
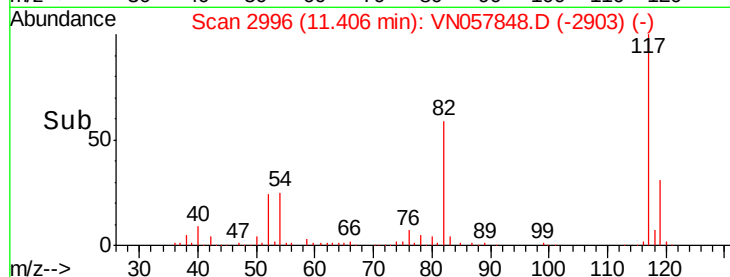
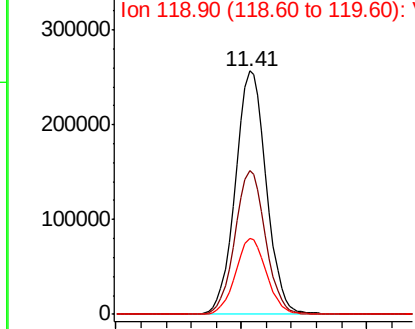
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057848.D
Acq: 10 Sep 2019 9:48

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tot Ion:117 Resp: 439619
Ion Ratio Lower Upper
117 100
82 58.9 47.2 70.8
119 31.4 25.3 37.9

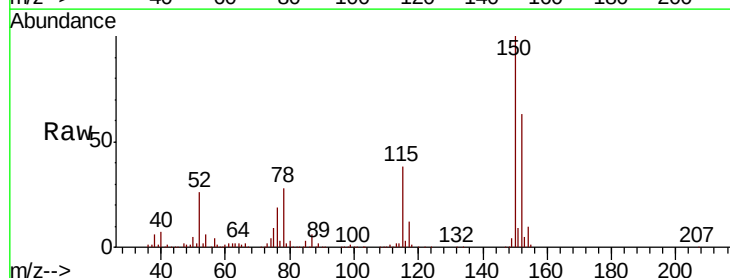


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057848.D
Acq: 10 Sep 2019 9:48

Tgt Ion:152 Resp: 227812
Ion Ratio Lower Upper
152 100
115 60.8 30.3 91.0
150 157.5 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

