

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110519\
 Data File : VN059086.D
 Acq On : 5 Nov 2019 11:33
 Operator : JC/SP
 Sample : PB124527TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB124527TB

Quant Time: Nov 06 01:05:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:43:23 2019
 Response via : Initial Calibration

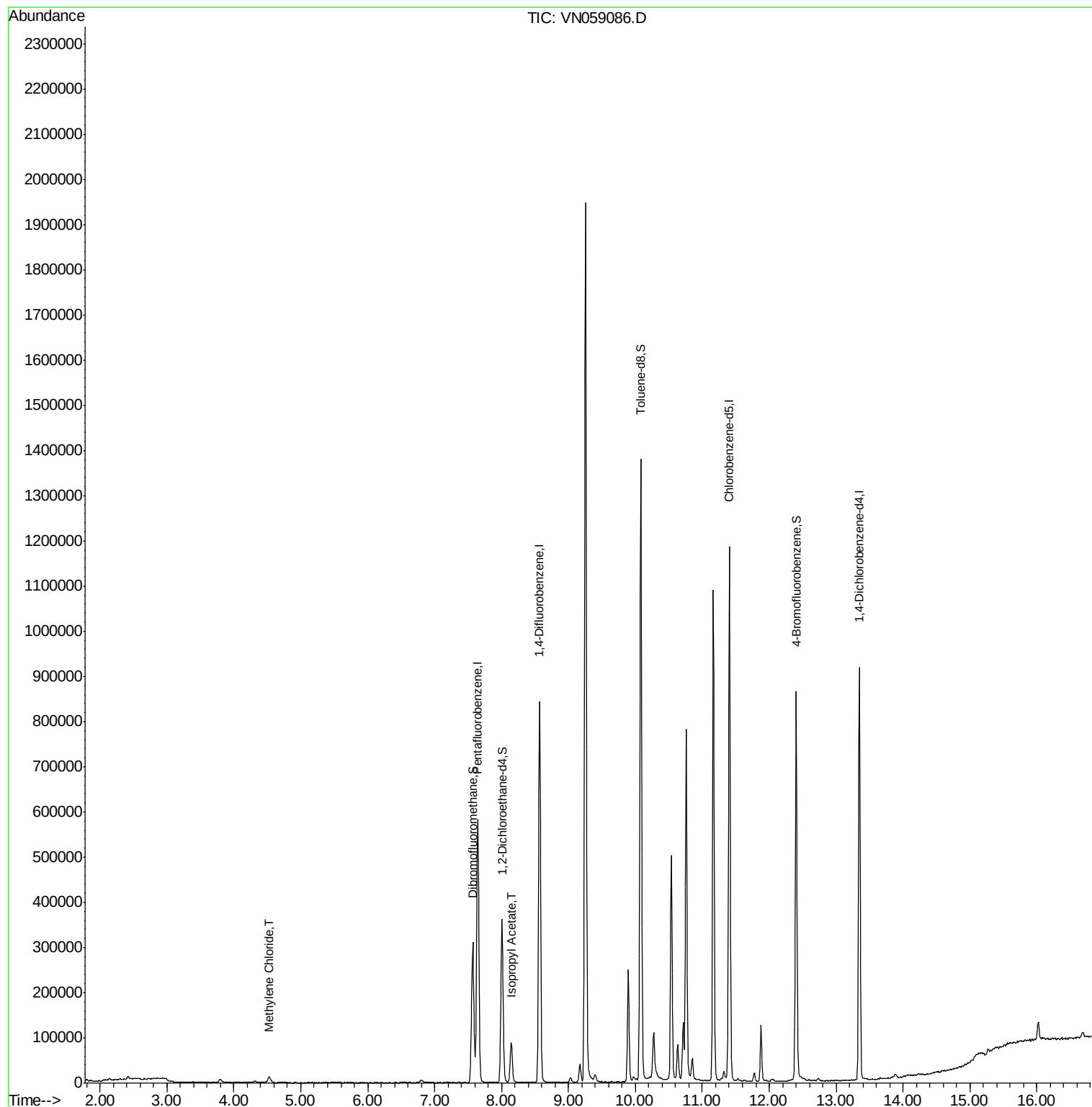
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	471952	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	748633	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	684806	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	246919	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	312783	50.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.08%	
35) Dibromofluoromethane	7.57	113	238717	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
50) Toluene-d8	10.08	98	938590	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	12.40	95	303235	44.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.72%	
Target Compounds						
20) Methylene Chloride	4.53	84	9348	1.688	ug/l	95
43) Isopropyl Acetate	8.14	43	108928	8.426	ug/l #	91

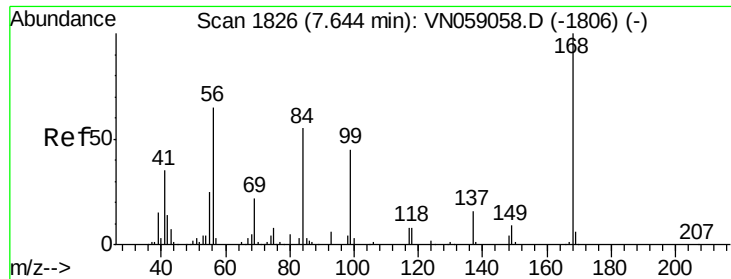
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059086.D

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Instrument :

MSVOA_N

ClientSampleId :

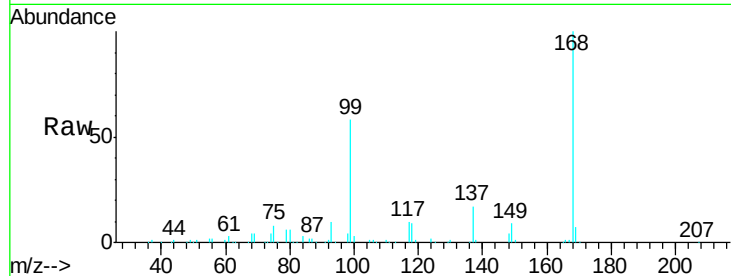
PB124527TB

Tgt Ion: 168 Resp: 471952

Ion Ratio Lower Upper

168 100

99 58.0 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

200000

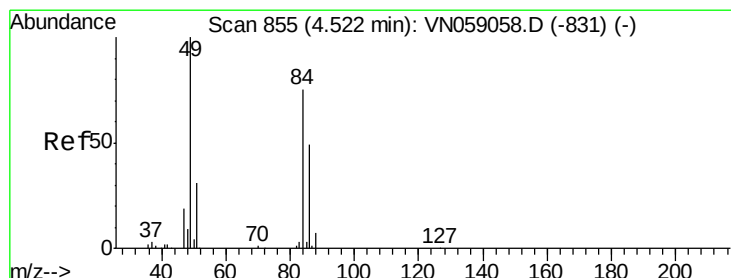
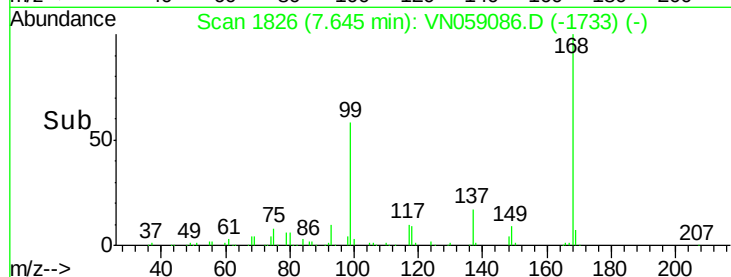
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#20

Methylene Chloride

Concen: 1.688 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN059086.D

Acq: 5 Nov 2019 11:33

Tgt Ion: 84 Resp: 9348

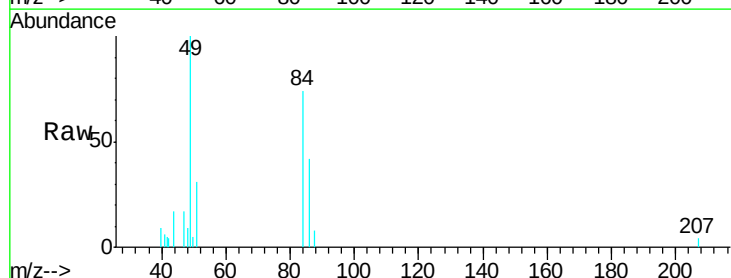
Ion Ratio Lower Upper

84 100

49 128.9 106.4 159.6

51 42.6 33.0 49.4

86 56.8 52.0 78.0



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

4.53

6000

5000

4000

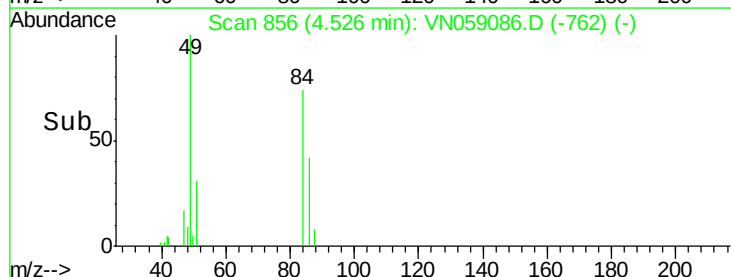
3000

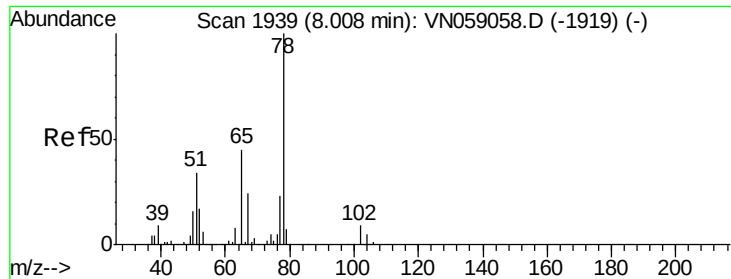
2000

1000

0

Time--> 4.45 4.50 4.55 4.60

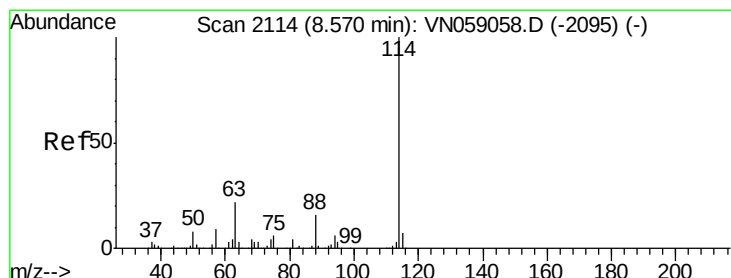
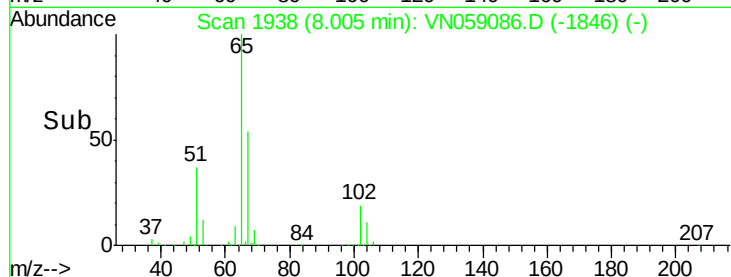
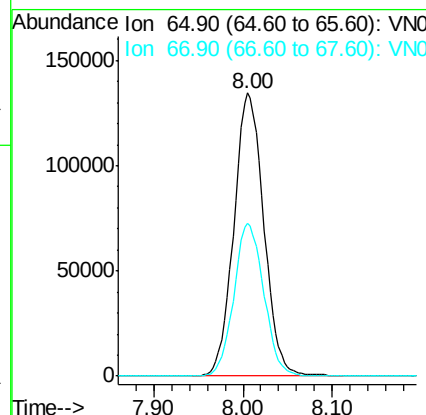
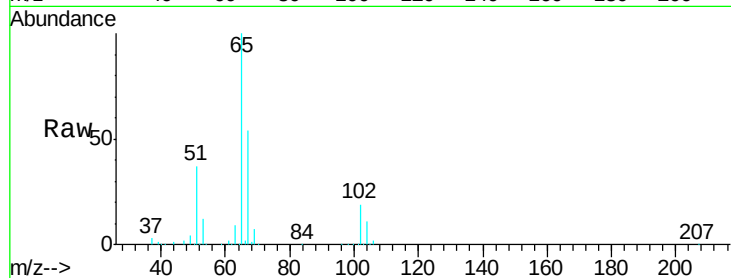




#33
 1,2-Dichloroethane-d4
 Concen: 50.042 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059086.D
 Acq: 5 Nov 2019 11:33

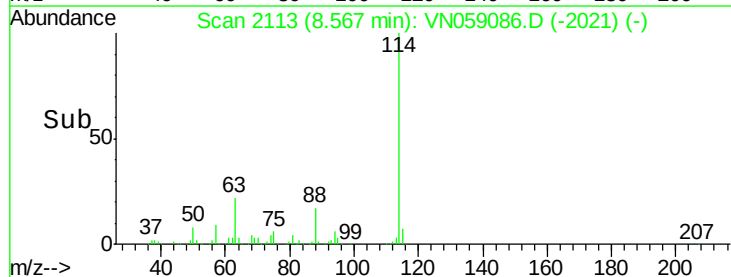
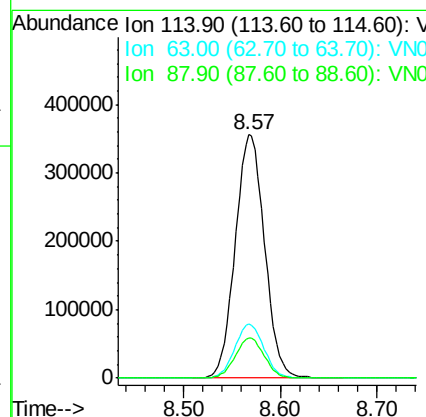
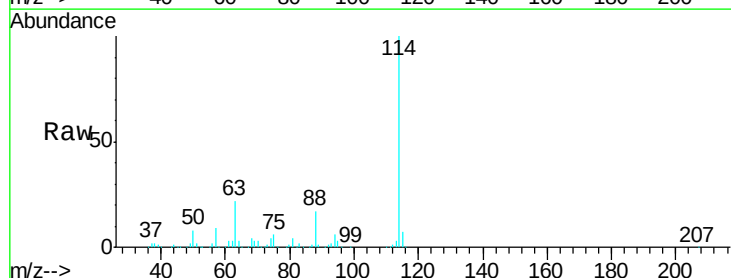
Instrument :
 MSVOA_N
 ClientSampleId :
 PB124527TB

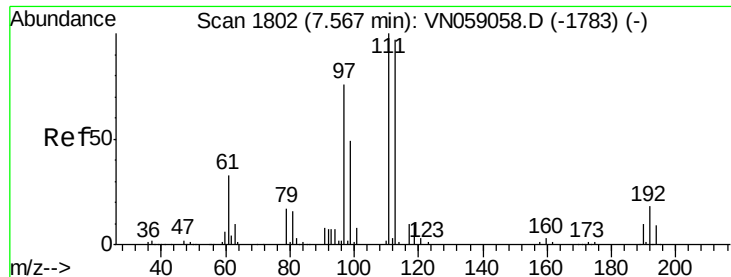
Tgt Ion: 65 Resp: 312783
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059086.D
 Acq: 5 Nov 2019 11:33

Tgt Ion: 114 Resp: 748633
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 43.2
 88 16.5 0.0 33.0

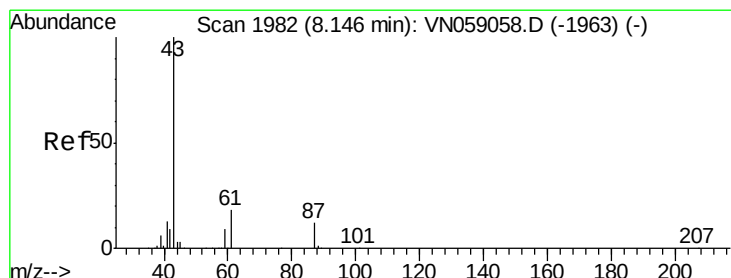
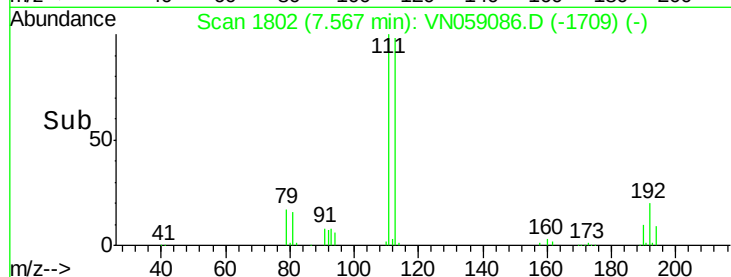
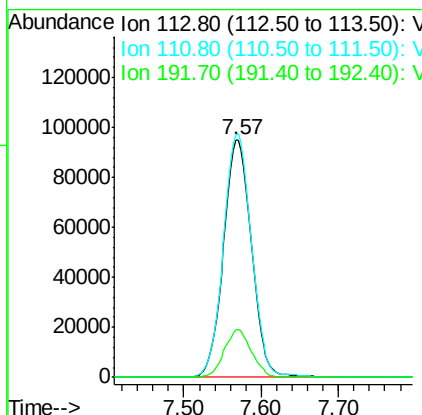
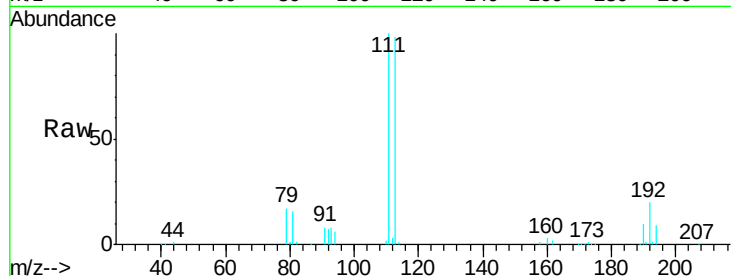




#35
 Dibromofluoromethane
 Concen: 49.428 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059086.D
 Acq: 5 Nov 2019 11:33

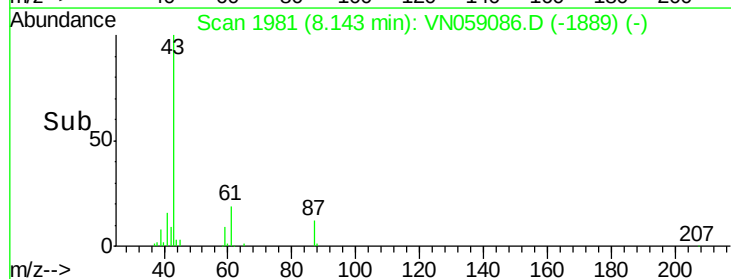
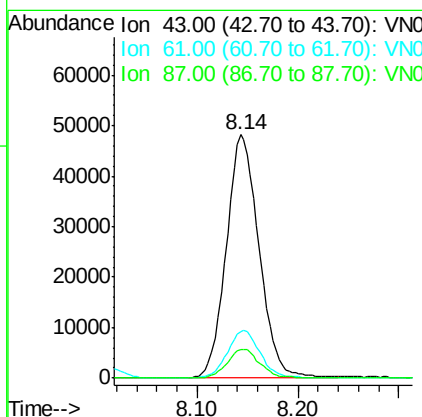
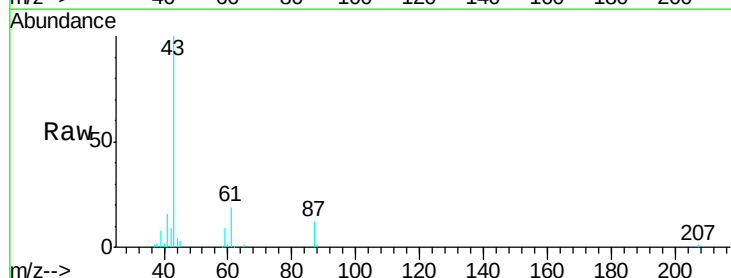
Instrument :
 MSVOA_N
 ClientSampleId :
 PB124527TB

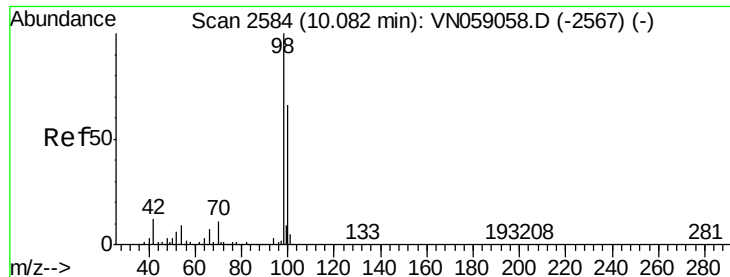
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.9	124.3
192	19.6	15.9	23.9



#43
 Isopropyl Acetate
 Concen: 8.426 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: VN059086.D
 Acq: 5 Nov 2019 11:33

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.4	20.5	30.7#
87	11.6	9.8	14.8





#50

Toluene-d8

Concen: 49.917 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059086.D

Acq: 5 Nov 2019 11:33

Instrument :

MSVOA_N

ClientSampleId :

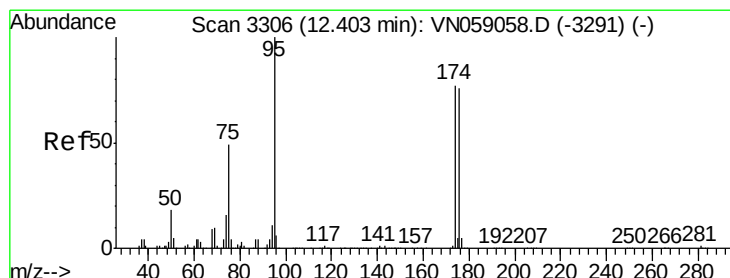
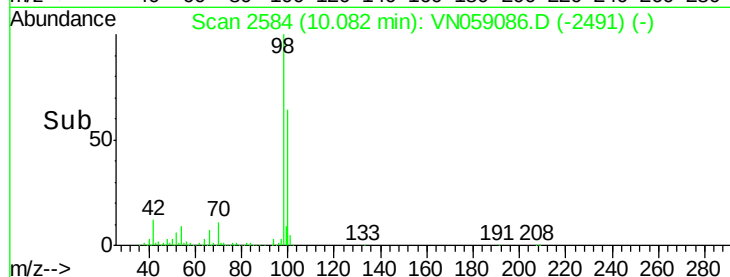
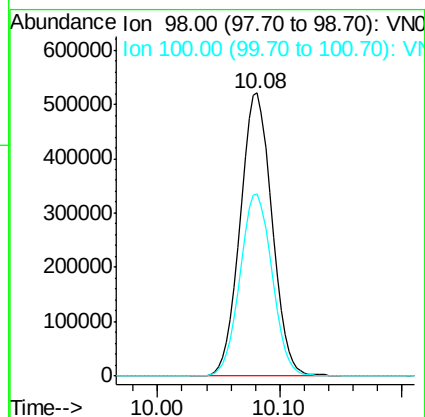
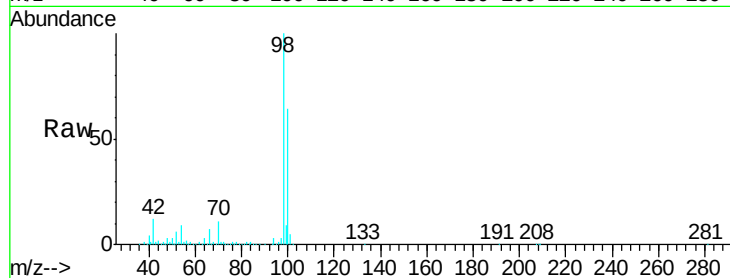
PB124527TB

Tgt Ion: 98 Resp: 938590

Ion Ratio Lower Upper

98 100

100 65.3 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 44.863 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059086.D

Acq: 5 Nov 2019 11:33

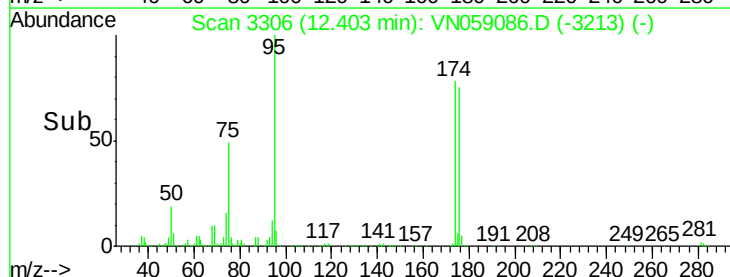
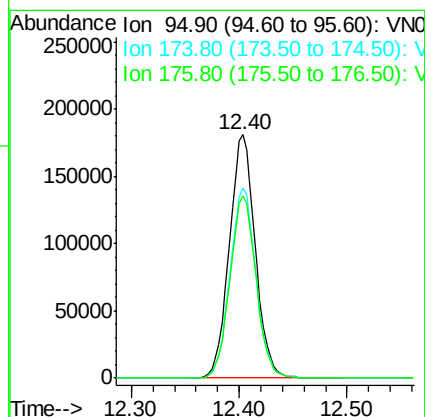
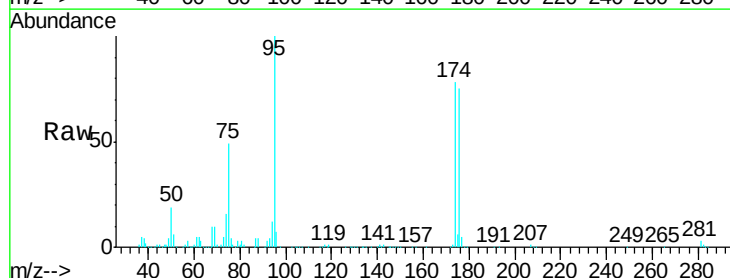
Tgt Ion: 95 Resp: 303235

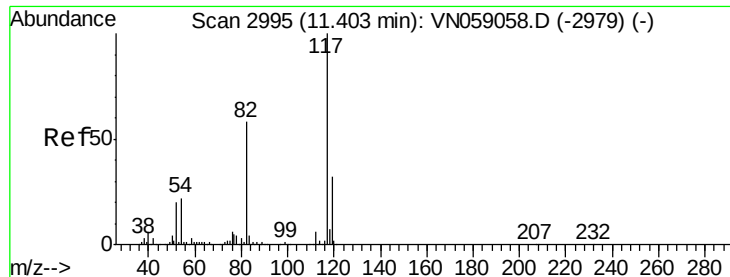
Ion Ratio Lower Upper

95 100

174 78.5 0.0 155.8

176 75.3 0.0 151.6

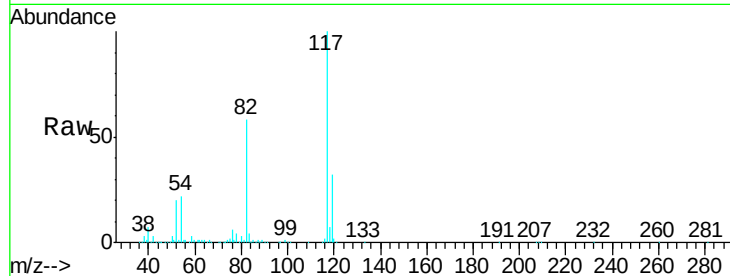




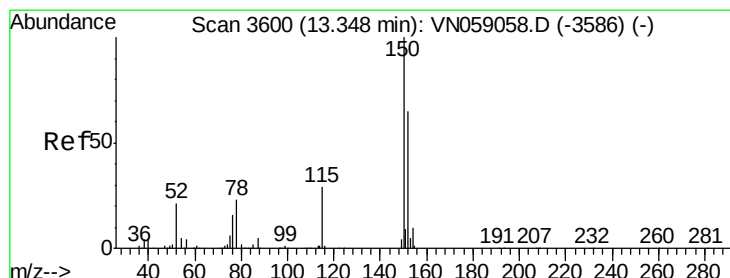
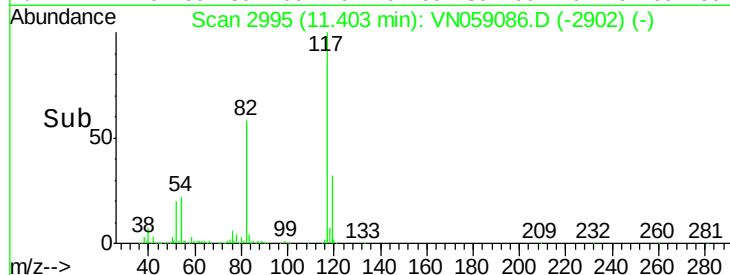
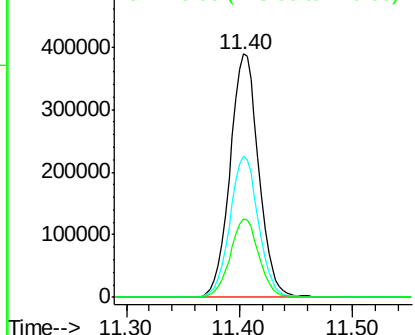
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN059086.D
Acq: 5 Nov 2019 11:33

Instrument :
MSVOA_N
ClientSampled :
PB124527TB

Tgt Ion:117 Resp: 684806
Ion Ratio Lower Upper
117 100
82 58.0 46.0 69.0
119 32.2 25.6 38.4

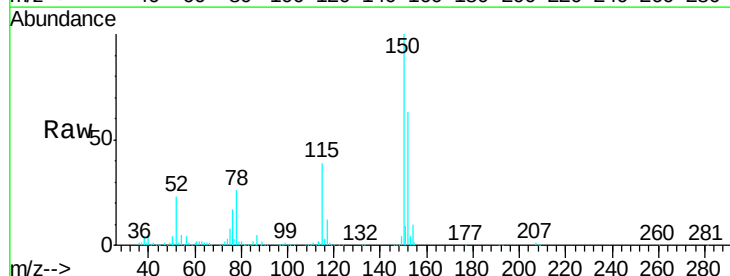


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059086.D
Acq: 5 Nov 2019 11:33

Tgt Ion:152 Resp: 246919
Ion Ratio Lower Upper
152 100
115 60.6 29.6 88.9
150 158.2 0.0 345.8



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

