

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020720\
 Data File : VN060021.D
 Acq On : 7 Feb 2020 11:12
 Operator : JC/MD
 Sample : PB126640TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126640TB

Quant Time: Feb 07 23:37:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

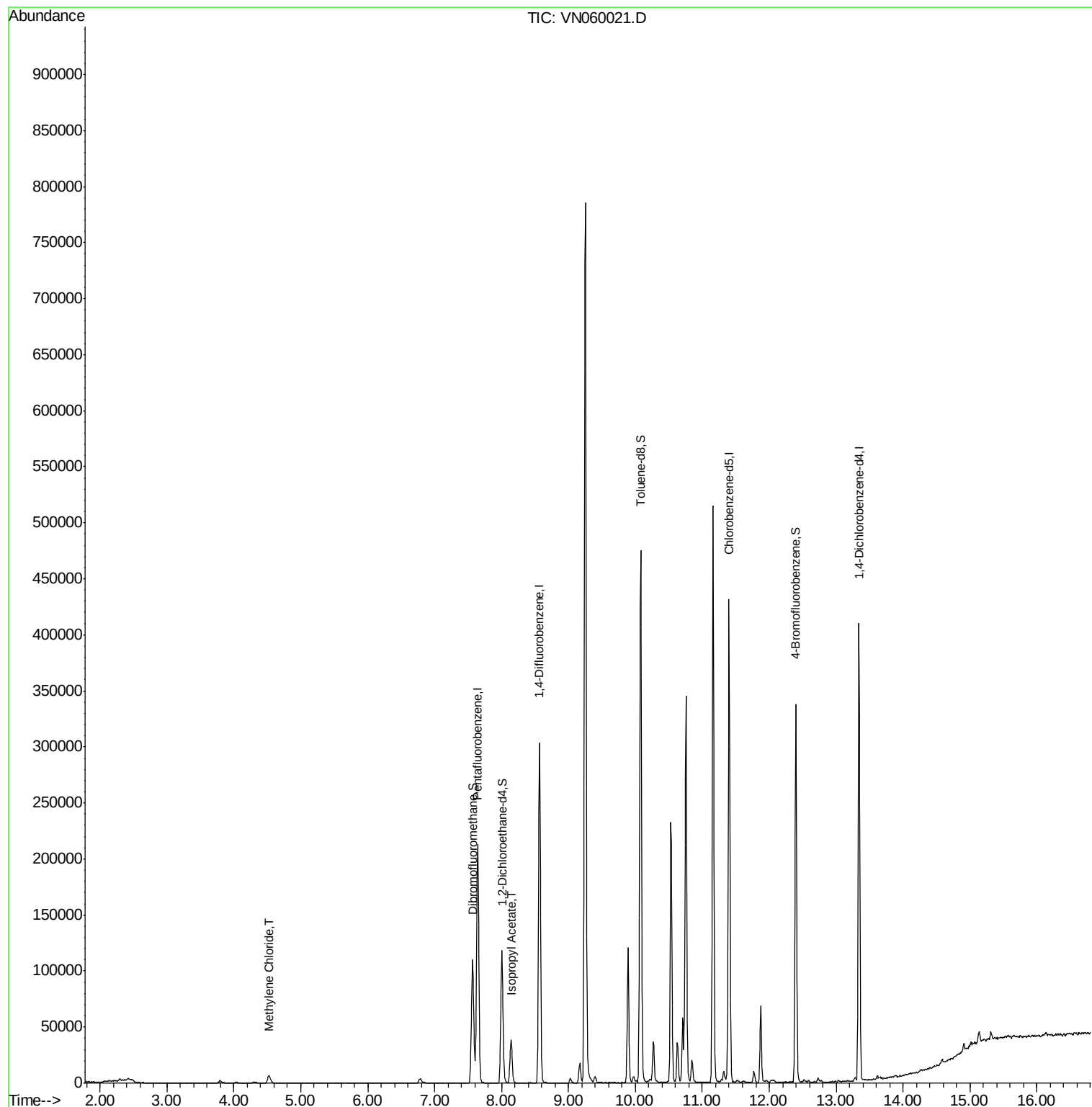
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	179378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	276337	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	251526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	109553	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	101824	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
35) Dibromofluoromethane	7.57	113	83756	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
50) Toluene-d8	10.08	98	331768	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.40	95	116057	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
Target Compounds						
20) Methylene Chloride	4.52	84	5699	1.918	ug/l #	83
43) Isopropyl Acetate	8.14	43	46960	12.096	ug/l #	90

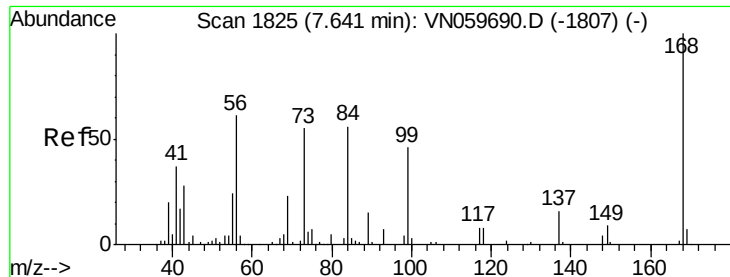
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060021.D

Acq: 7 Feb 2020 11:12

Instrument :

MSVOA_N

ClientSampled :

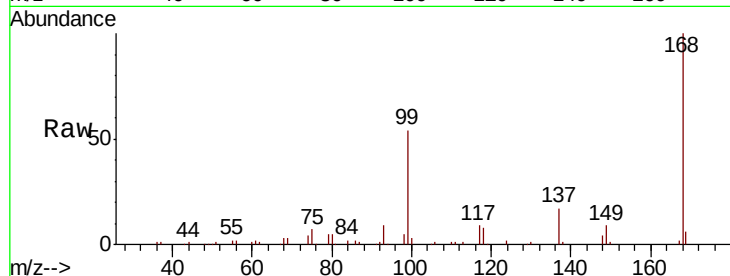
PB126640TB

Tot Ion:168 Resp: 179378

Ion Ratio Lower Upper

168 100

99 53.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

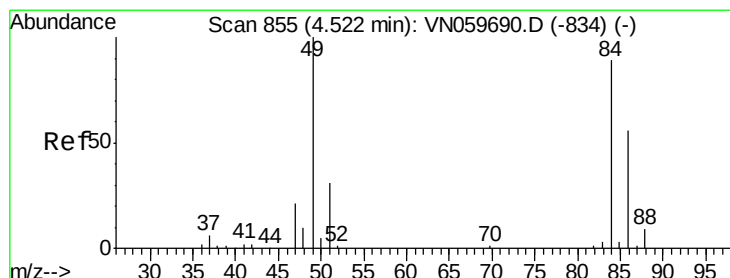
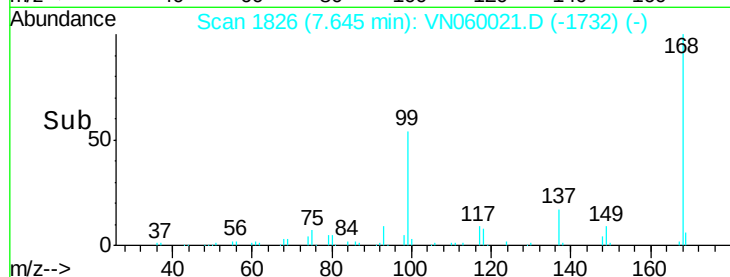
40000

20000

0

7.60 7.70

Time-->



#20

Methylene Chloride

Concen: 1.918 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN060021.D

Acq: 7 Feb 2020 11:12

Tgt Ion: 84 Resp: 5699

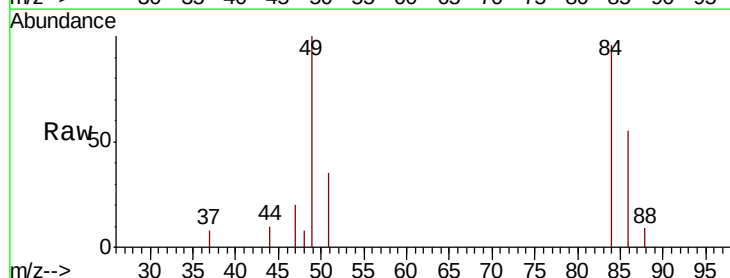
Ion Ratio Lower Upper

84 100

49 103.8 106.6 160.0#

51 36.7 31.9 47.9

86 56.9 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

3000

2500

2000

1500

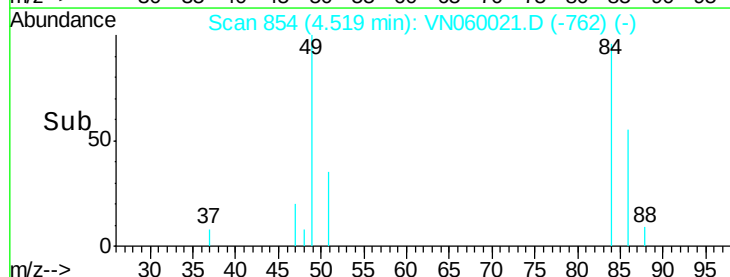
1000

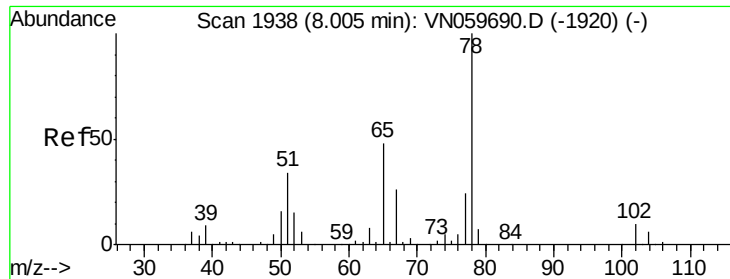
500

0

4.45 4.50 4.55 4.60

Time-->

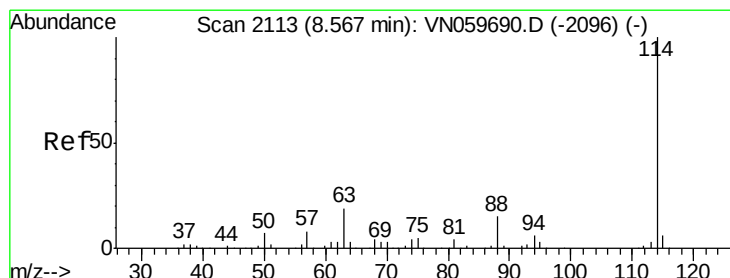
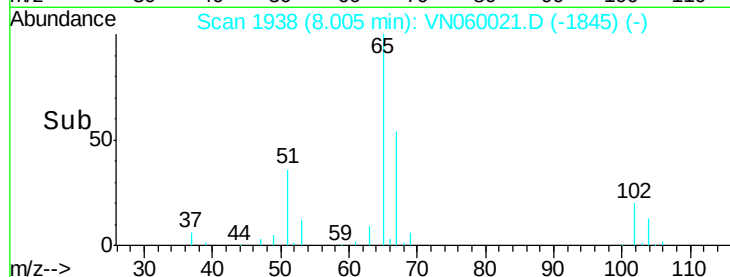
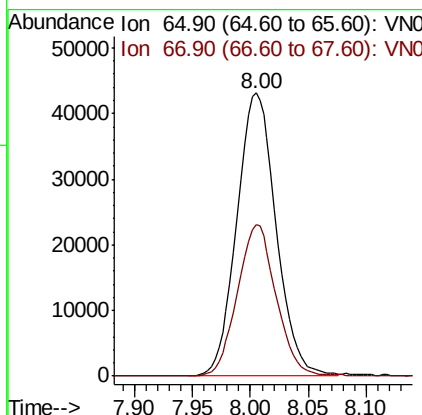
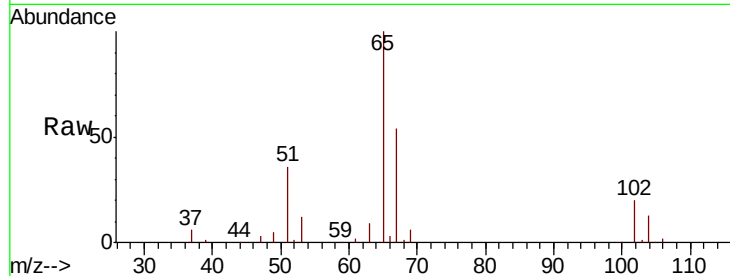




#33
 1,2-Dichloroethane-d4
 Concen: 51.115 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060021.D
 Acq: 7 Feb 2020 11:12

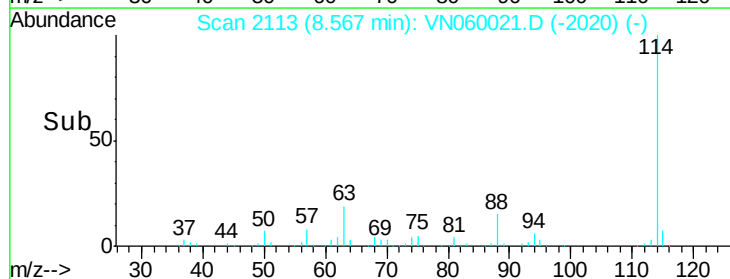
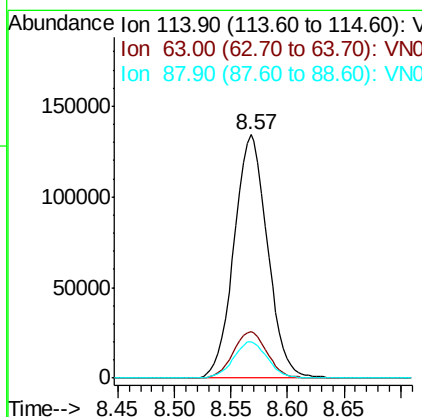
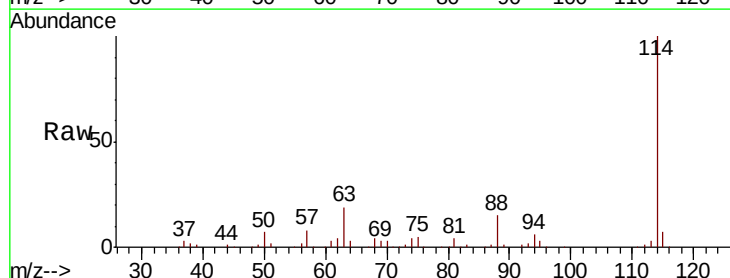
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126640TB

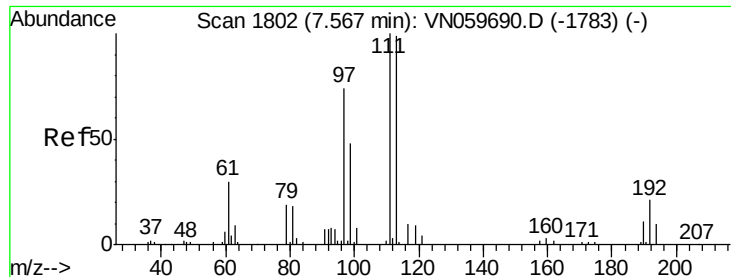
Tot Ion: 65 Resp: 101824
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060021.D
 Acq: 7 Feb 2020 11:12

Tgt Ion: 114 Resp: 276337
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 43.6
 88 15.0 0.0 31.4

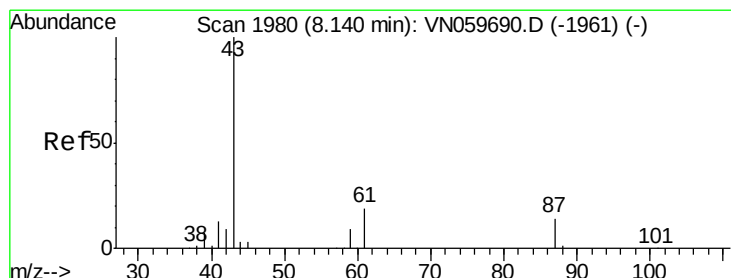
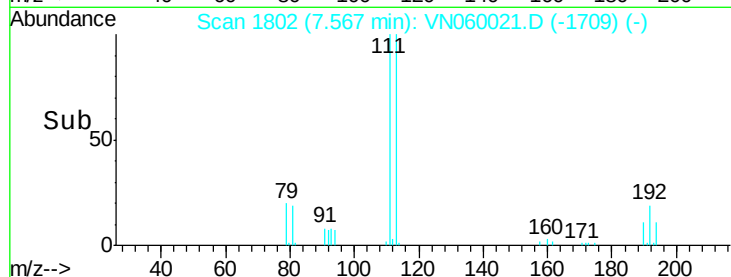
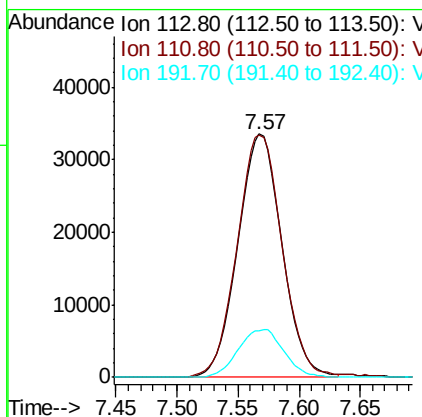
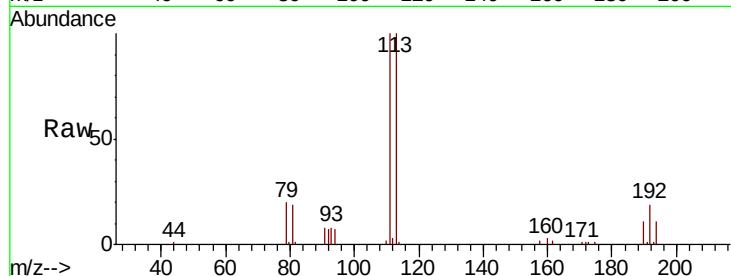




#35
 Dibromofluoromethane
 Concen: 50.825 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060021.D
 Acq: 7 Feb 2020 11:12

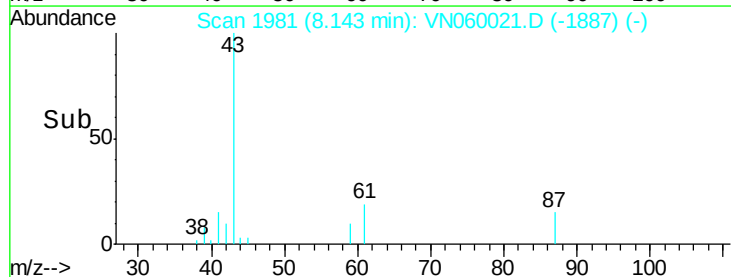
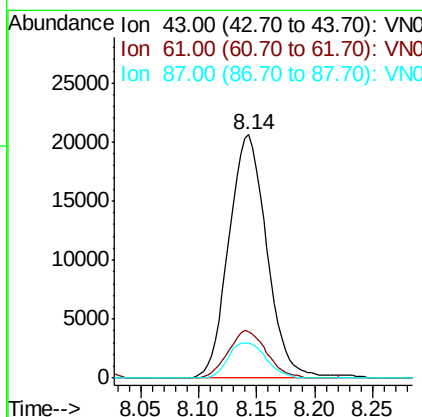
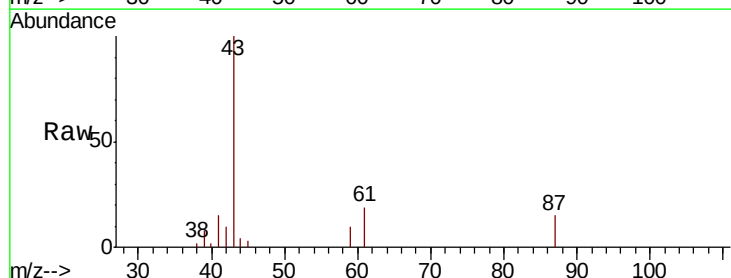
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126640TB

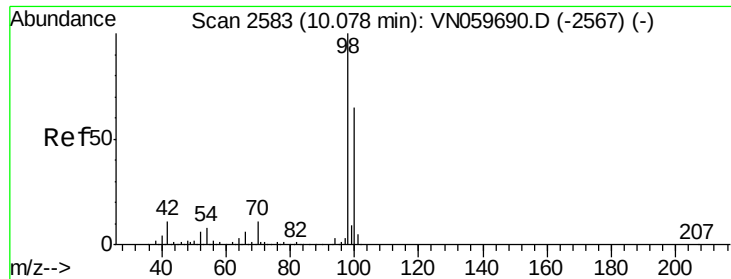
Tot Ion:113 Resp: 83756
 Ion Ratio Lower Upper
 113 100
 111 101.6 83.5 125.3
 192 20.3 15.4 23.2



#43
 Isopropyl Acetate
 Concen: 12.096 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: VN060021.D
 Acq: 7 Feb 2020 11:12

Tgt Ion: 43 Resp: 46960
 Ion Ratio Lower Upper
 43 100
 61 19.6 20.2 30.2#
 87 14.3 9.5 14.3





#50

Toluene-d8

Concen: 51.962 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060021.D

Acq: 7 Feb 2020 11:12

Instrument :

MSVOA_N

ClientSampleId :

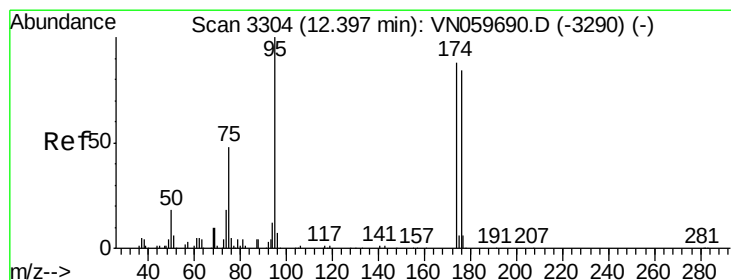
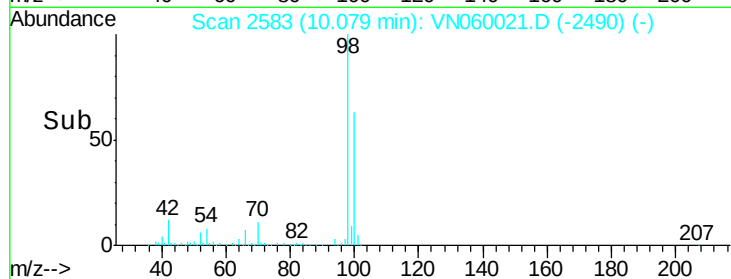
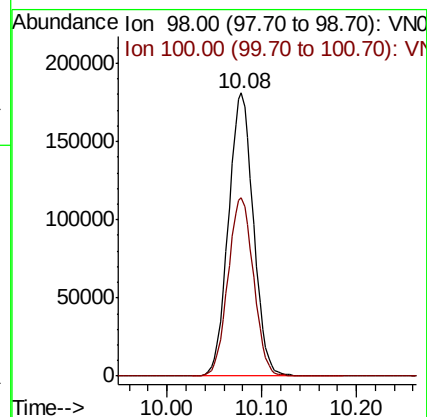
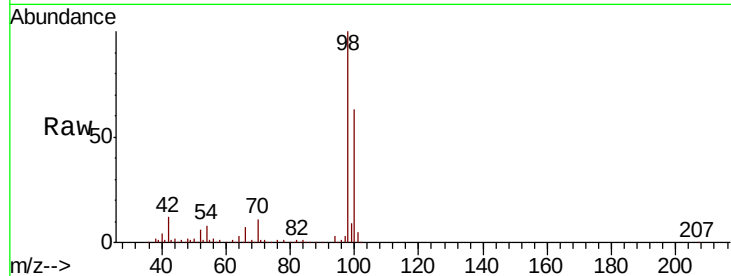
PB126640TB

Tot Ion: 98 Resp: 331768

Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 50.421 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060021.D

Acq: 7 Feb 2020 11:12

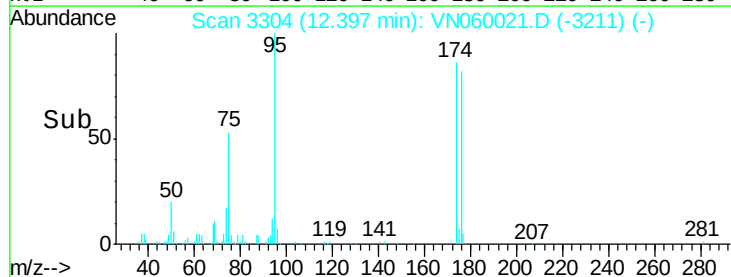
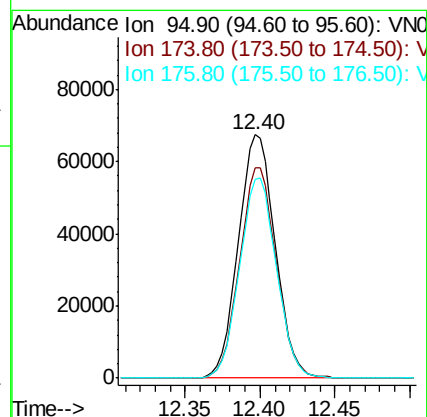
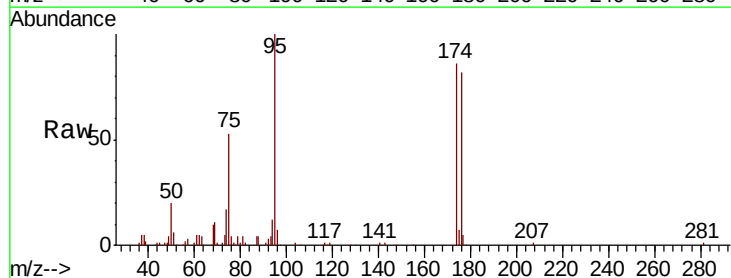
Tgt Ion: 95 Resp: 116057

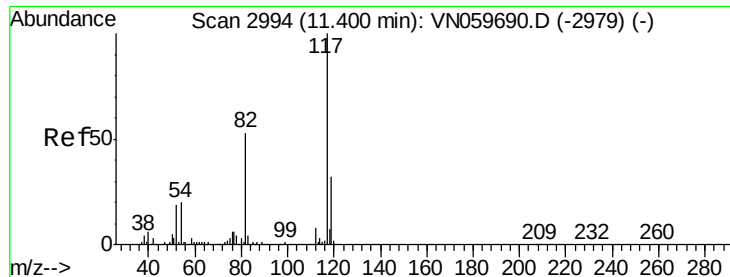
Ion Ratio Lower Upper

95 100

174 85.8 0.0 151.4

176 82.2 0.0 146.0

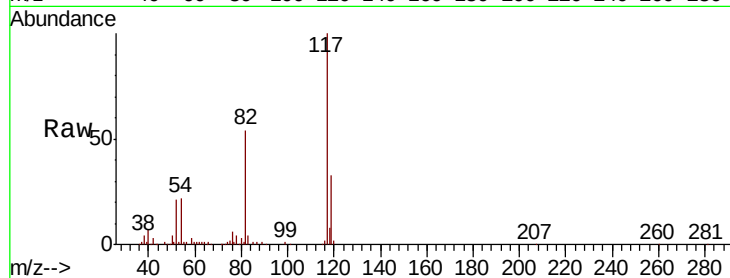




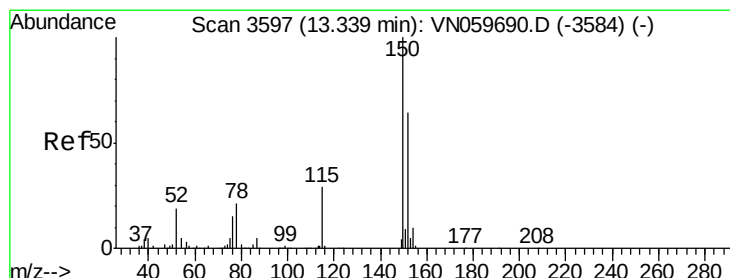
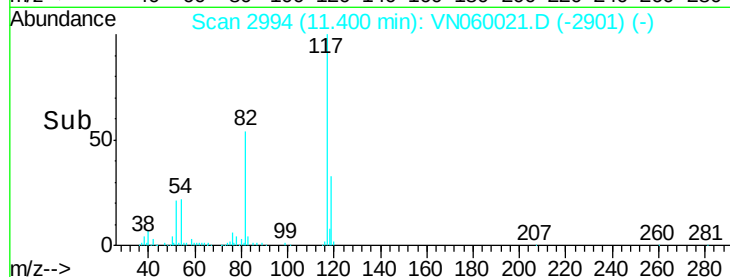
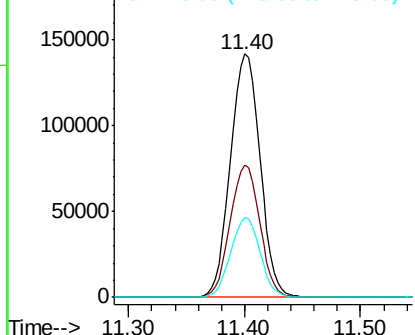
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060021.D
Acq: 7 Feb 2020 11:12

Instrument :
MSVOA_N
ClientSampleId :
PB126640TB

Tot Ion:117 Resp: 251526
Ion Ratio Lower Upper
117 100
82 54.4 45.9 68.9
119 32.7 25.5 38.3

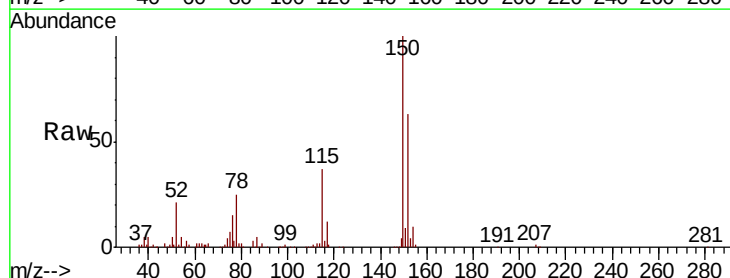


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN060021.D
Acq: 7 Feb 2020 11:12

Tgt Ion:152 Resp: 109553
Ion Ratio Lower Upper
152 100
115 58.8 30.3 90.9
150 157.7 0.0 345.2



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

