

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021120\
 Data File : VN060057.D
 Acq On : 11 Feb 2020 12:03
 Operator : JC/MD
 Sample : PB126730TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126730TB

Quant Time: Feb 12 04:35:49 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

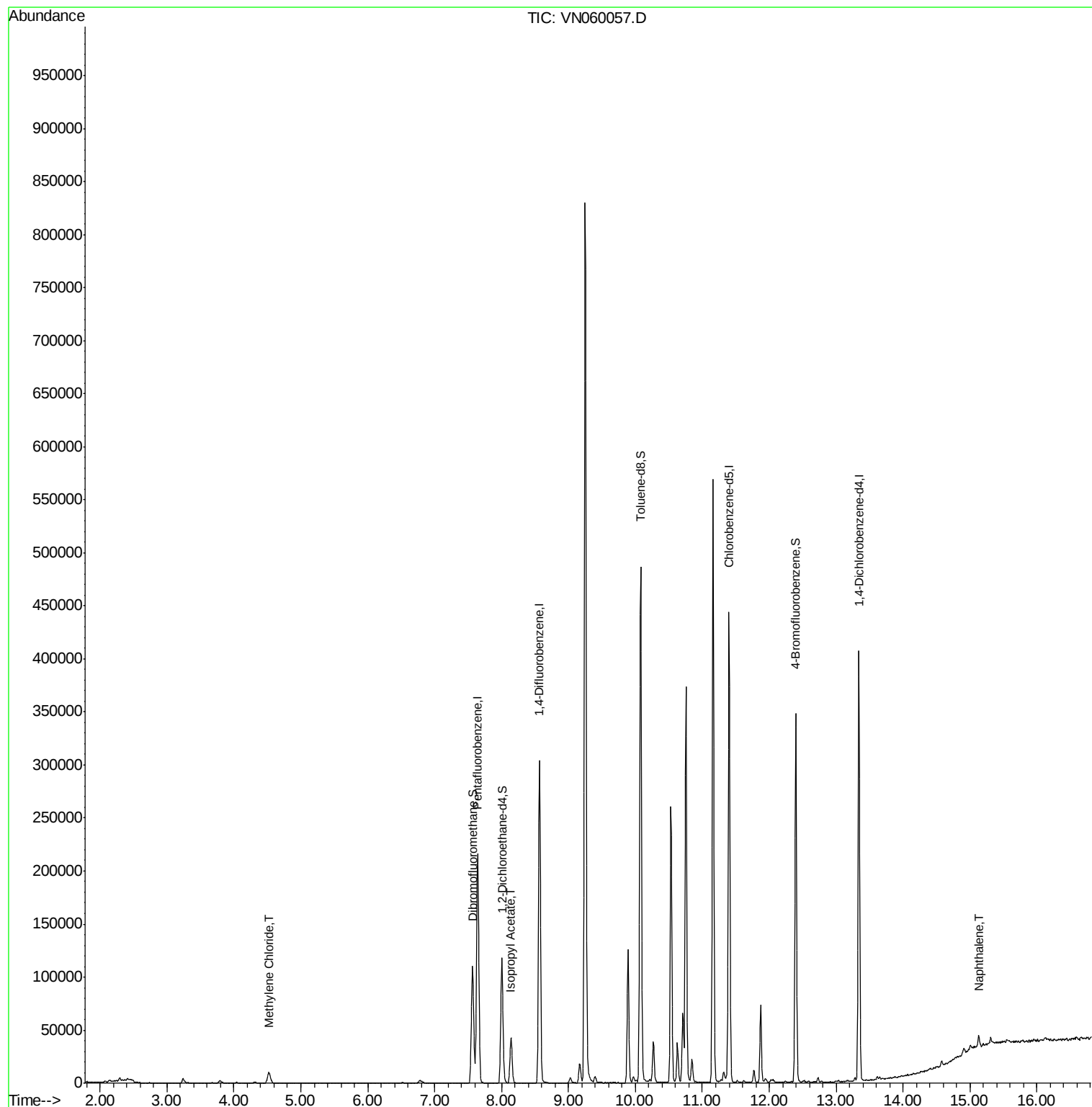
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	182200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	279745	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	254042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	110021	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	102772	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
35) Dibromofluoromethane	7.57	113	85258	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
50) Toluene-d8	10.08	98	336113	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.40	95	116053	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
Target Compounds						
20) Methylene Chloride	4.52	84	8163	3.249	ug/l	90
43) Isopropyl Acetate	8.14	43	51466	13.095	ug/l #	90
95) Naphthalene	15.13	128	8041	1.341	ug/l	95

(#) = 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# 1825

Delta R.T. 0.00 min

Lab File: VN060057.D

Acq: 11 Feb 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

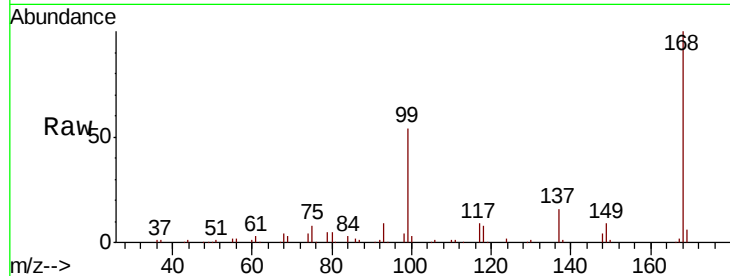
PB126730TB

Tot Ion:168 Resp: 182200

Ion Ratio Lower Upper

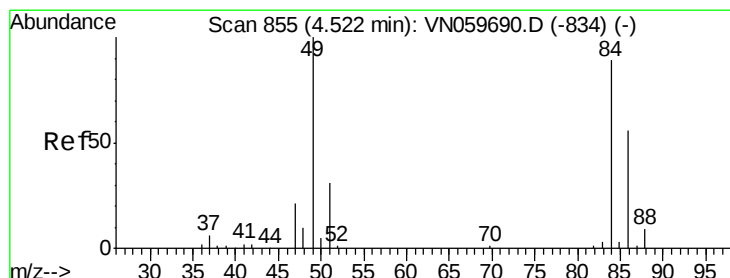
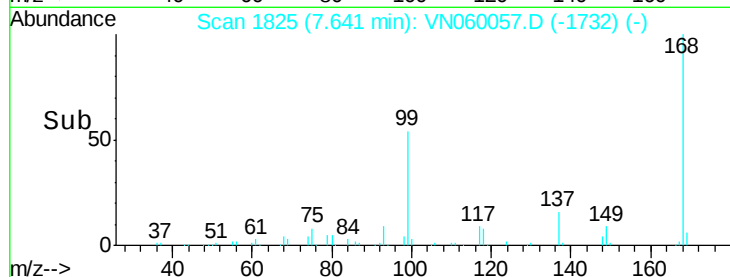
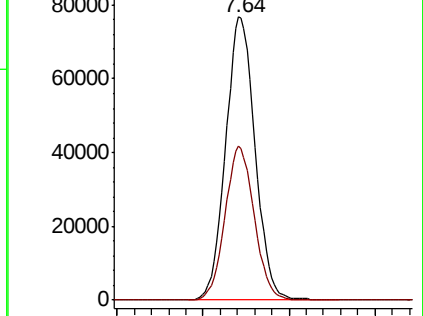
168 100

99 54.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#20

Methylene Chloride

Concen: 3.249 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN060057.D

Acq: 11 Feb 2020 12:03

Tgt Ion: 84 Resp: 8163

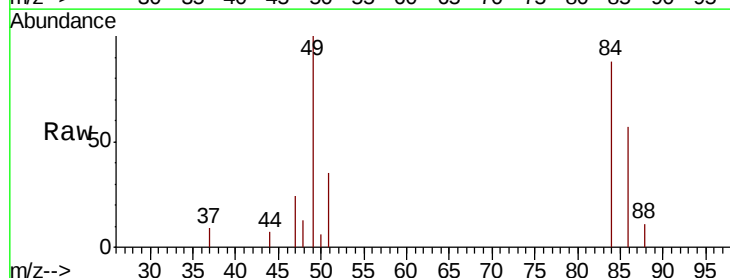
Ion Ratio Lower Upper

84 100

49 113.1 106.6 160.0

51 39.1 31.9 47.9

86 64.5 50.8 76.2

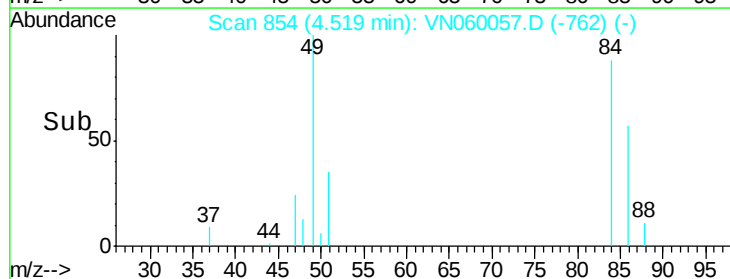
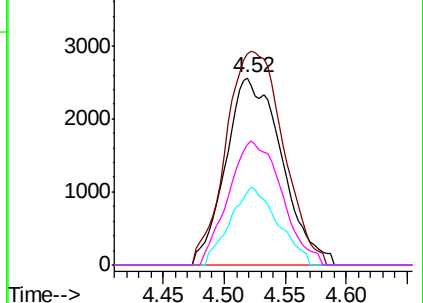


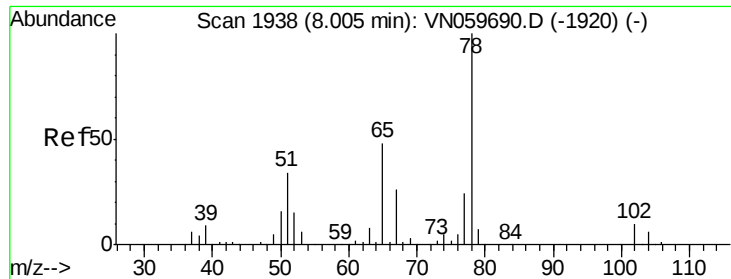
Abundance Ion 83.90 (83.60 to 84.60): VN

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

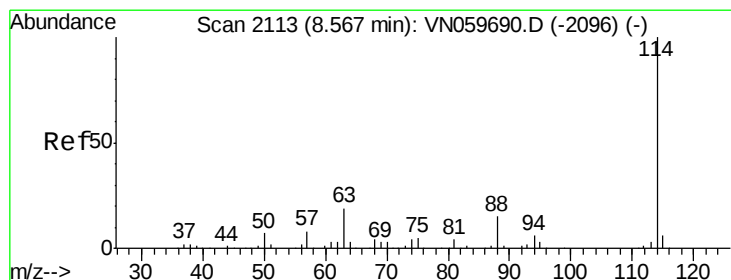
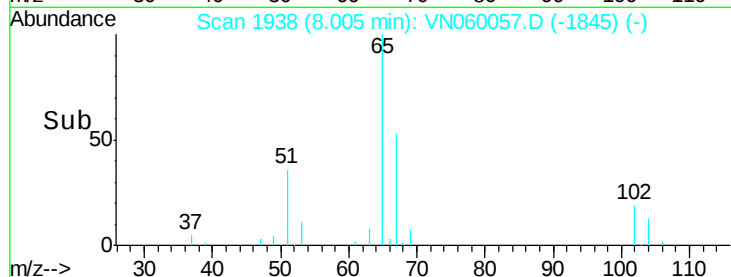
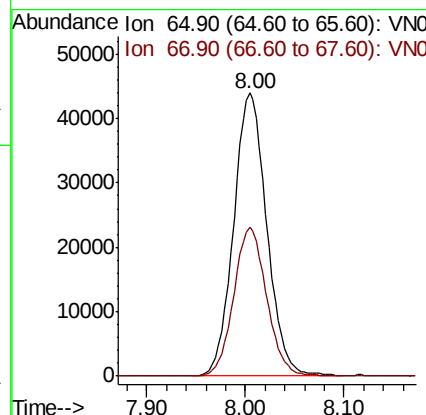
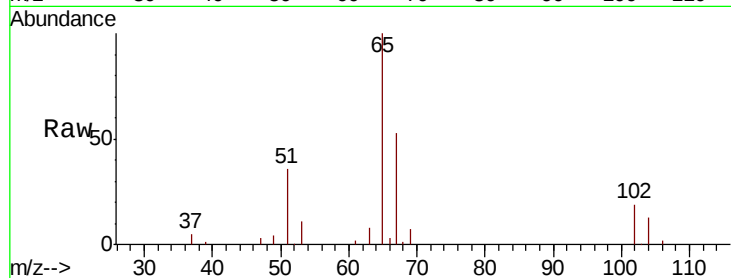




#33
 1,2-Dichloroethane-d4
 Concen: 50.792 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060057.D
 Acq: 11 Feb 2020 12:03

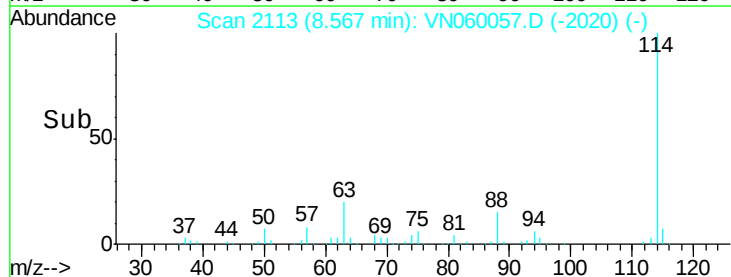
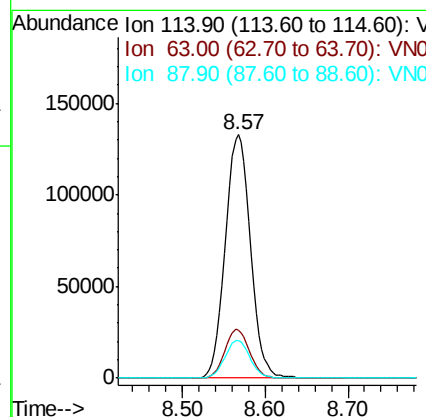
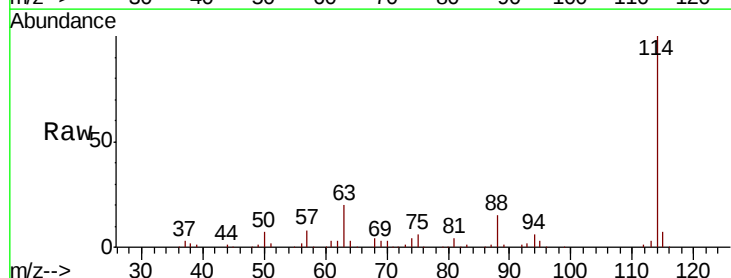
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126730TB

Tot Ion: 65 Resp: 102772
 Ion Ratio Lower Upper
 65 100
 67 52.2 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: VN060057.D
 Acq: 11 Feb 2020 12:03

Tgt Ion: 114 Resp: 279745
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 43.6
 88 15.4 0.0 31.4

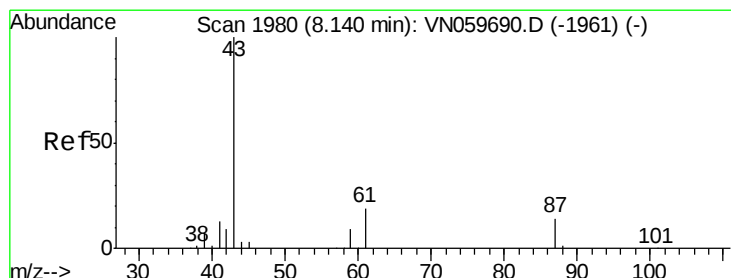
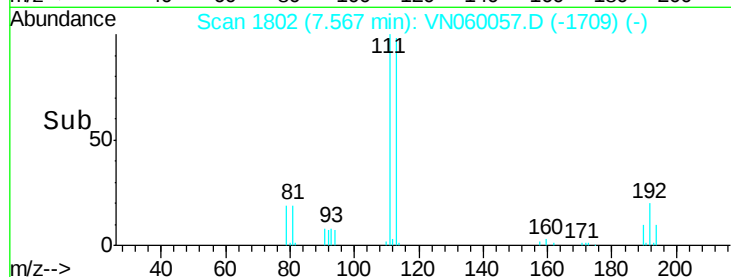
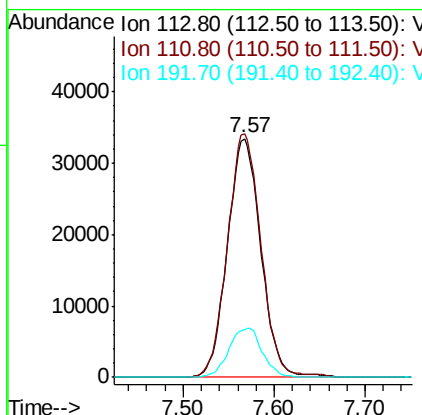
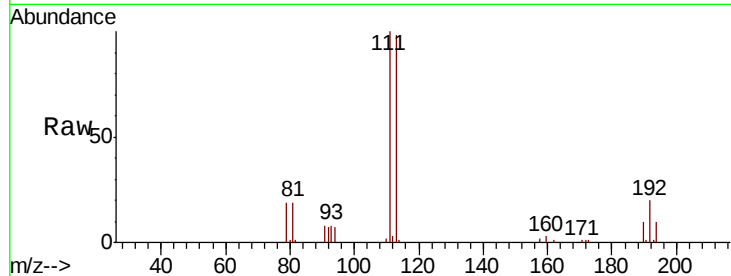




#35
 Dibromofluoromethane
 Concen: 51.106 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060057.D
 Acq: 11 Feb 2020 12:03

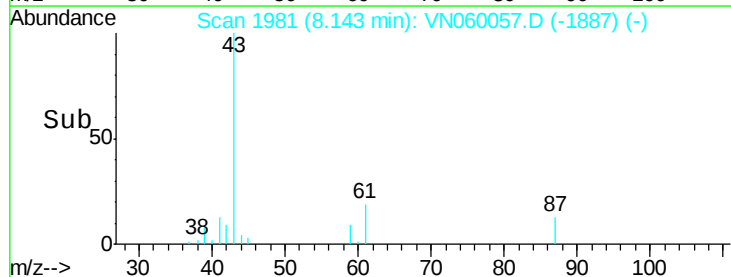
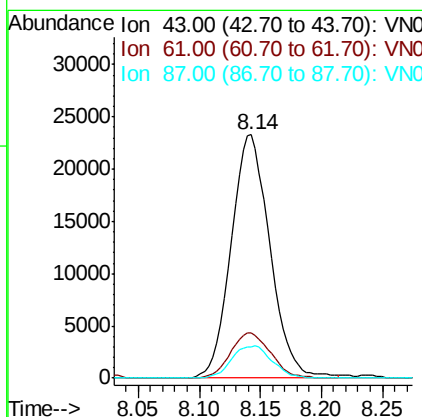
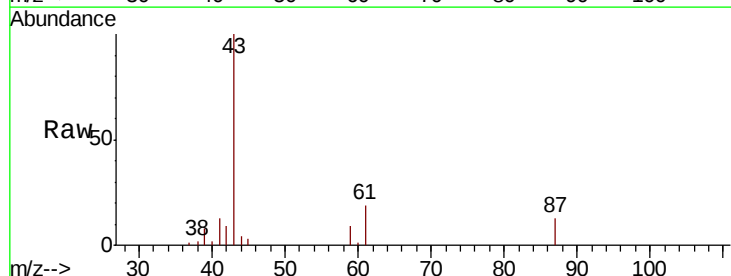
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126730TB

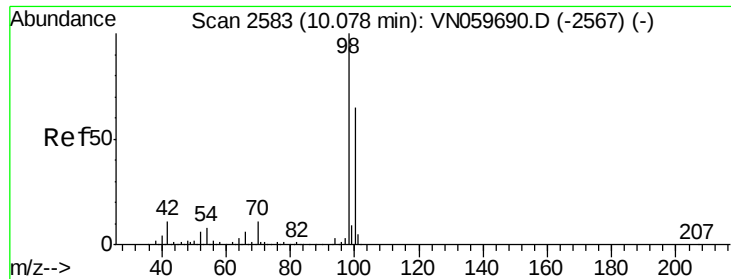
Tot Ion:113 Resp: 85258
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.5 125.3
 192 20.6 15.4 23.2



#43
 Isopropyl Acetate
 Concen: 13.095 ug/l
 RT: 8.14 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: VN060057.D
 Acq: 11 Feb 2020 12:03

Tgt Ion: 43 Resp: 51466
 Ion Ratio Lower Upper
 43 100
 61 19.2 20.2 30.2#
 87 13.7 9.5 14.3





#50

Toluene-d8

Concen: 52.001 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060057.D

Acq: 11 Feb 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

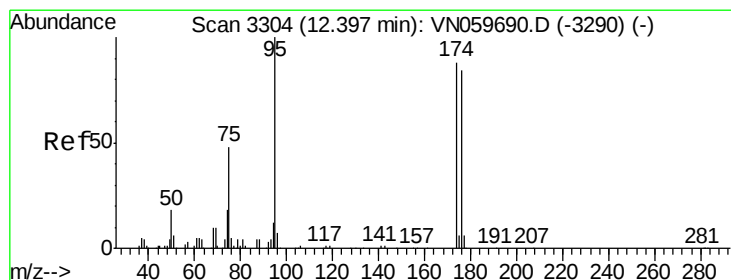
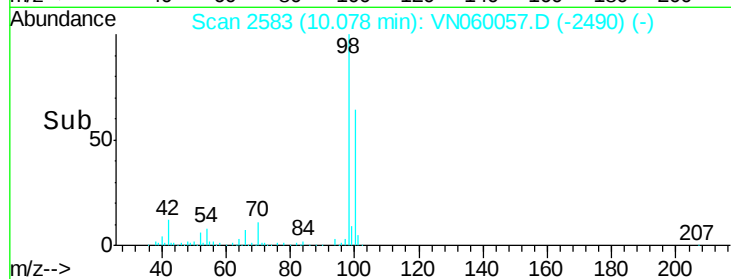
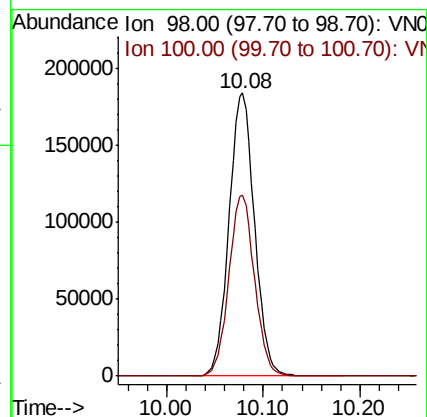
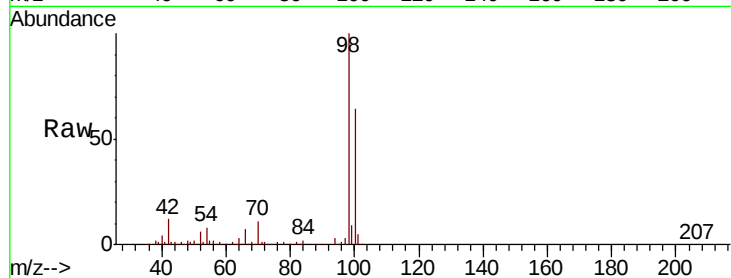
PB126730TB

Tot Ion: 98 Resp: 336113

Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 49.806 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060057.D

Acq: 11 Feb 2020 12:03

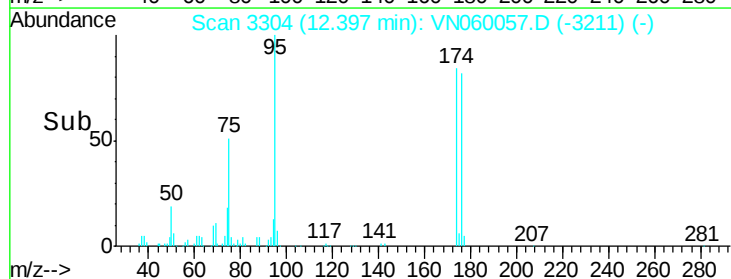
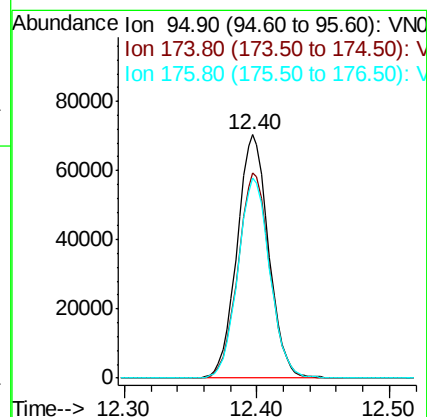
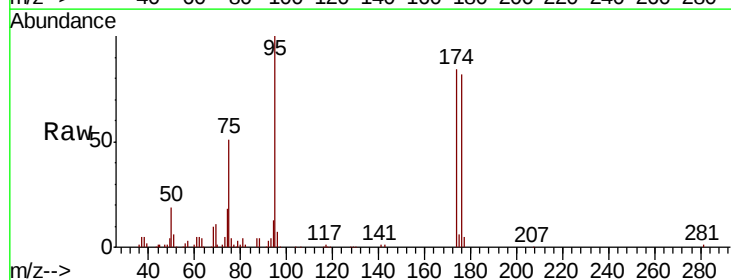
Tgt Ion: 95 Resp: 116053

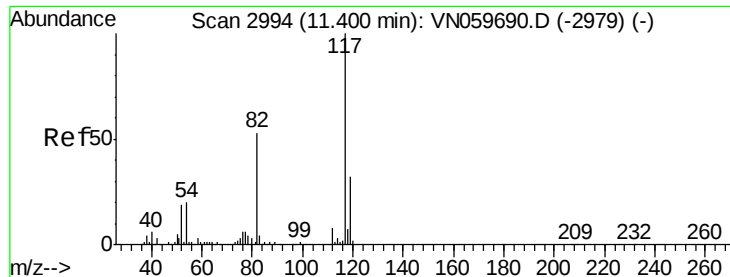
Ion Ratio Lower Upper

95 100

174 85.0 0.0 151.4

176 83.2 0.0 146.0

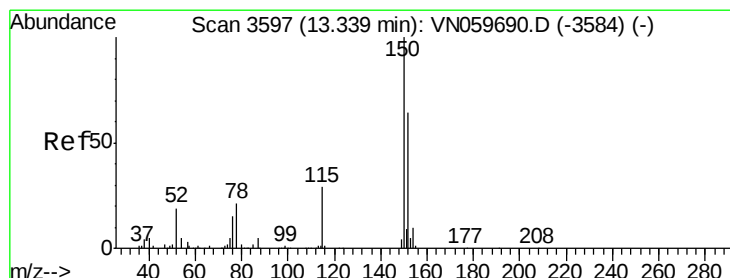
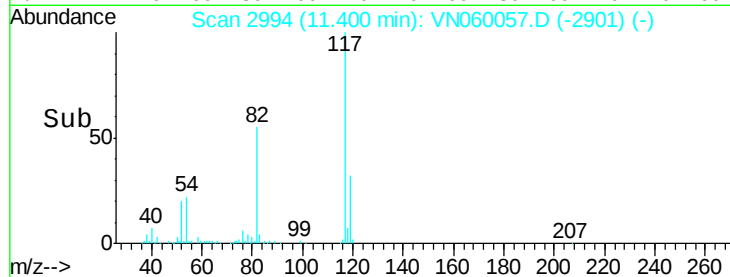
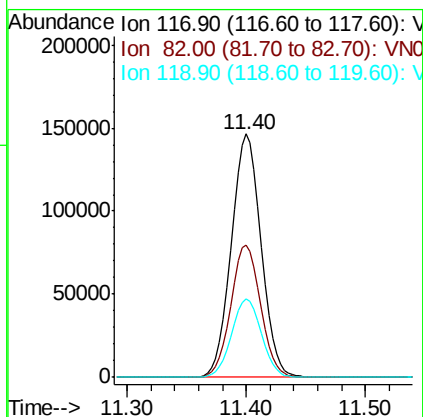
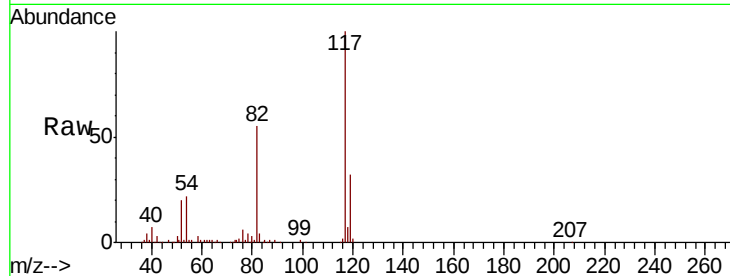




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060057.D
Acq: 11 Feb 2020 12:03

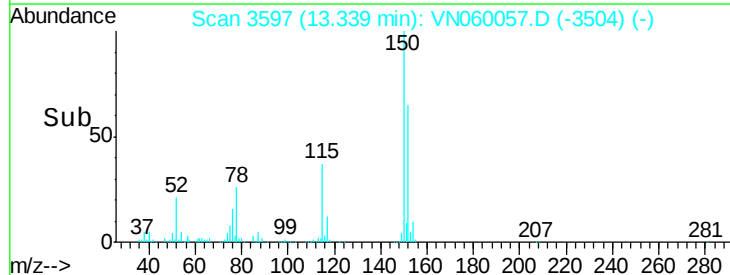
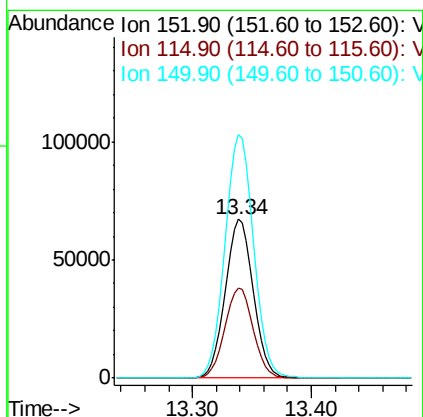
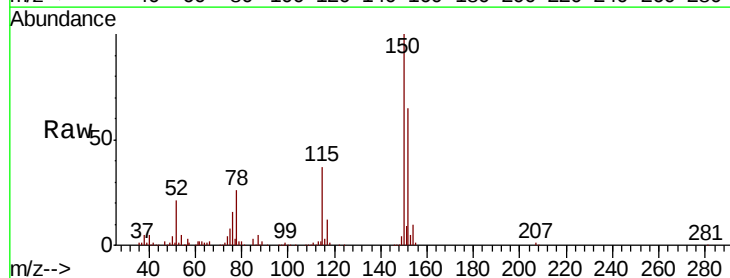
Instrument :
MSVOA_N
ClientSampleId :
PB126730TB

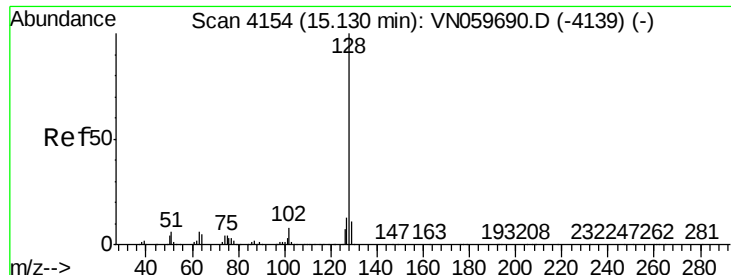
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	45.9	68.9
119	32.3	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060057.D
Acq: 11 Feb 2020 12:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	30.3	90.9
150	156.2	0.0	345.2





#95

Naphthalene

Concen: 1.341 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060057.D

Acq: 11 Feb 2020 12:03

Instrument :

MSVOA_N

ClientSampleId :

PB126730TB

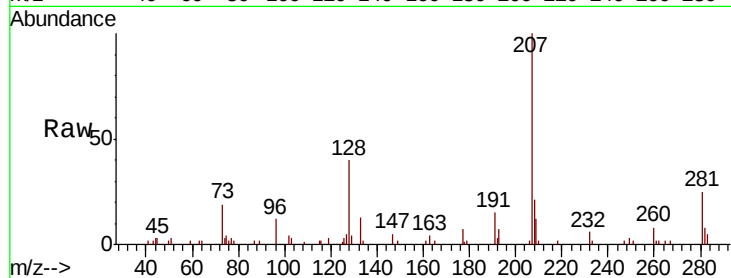
Tot Ion:128 Resp: 8041

Ion Ratio Lower Upper

128 100

127 10.5 10.4 15.6

129 9.3 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

